13030 Lundy's Lane Proposed Plan of Subdivision

Preliminary

Stormwater Management Report

Project Location:
13030 Lundy's Lane (Highway 20), Thorold, ON

Prepared for:
RUDANCO Hospitality Corporation

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Engineers, Scientists, Surveyors.

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1.0 INTRODUCTION

1.1 Overview

MTE Consultants Inc. was retained by RUDANCO Hospitality Corporation (RUDANCO) to complete a preliminary Stormwater Management Design in support of an application for Draft Approval of Plan of Subdivision at 13030 Lundy's Lane in the City of Thorold, Region of Niagara. The property is referred to herein as the 'Subject Lands' (see Figure 1 for Location Plan). The total area of the Subject Lands is approximately 23.0ha and includes two parcels separated by lands owned by Hydro One ("hydro corridor").

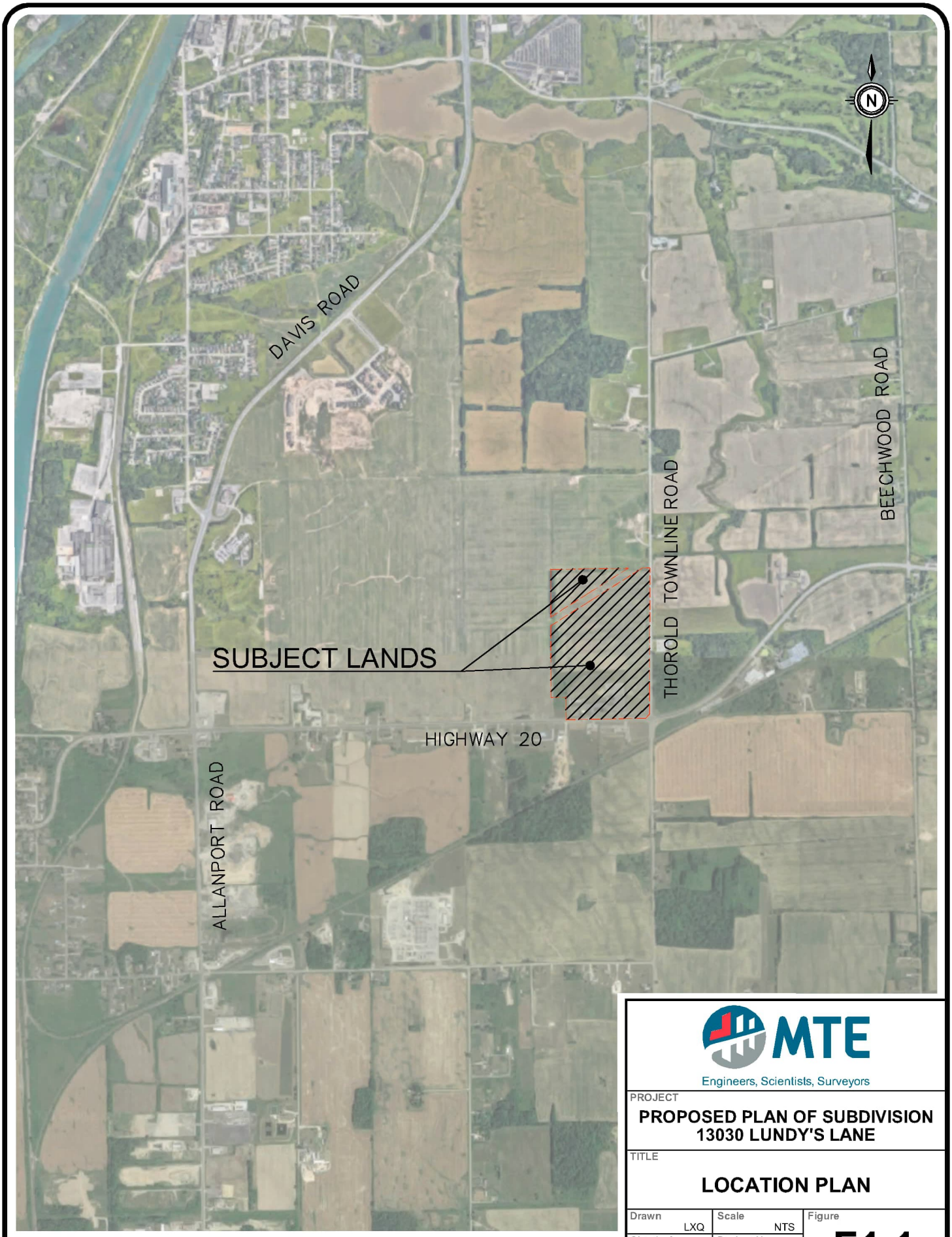
As shown in Figure 1, the Subject Lands are located at the northwest corner of Highway 20 (Lundy's Lane) and Thorold Townline Road (Regional Road 70). The Subject Lands extend from Thorold Townline Road at the east limits to the planned Rolling Meadows Subdivision approximately 400m west, and from Highway 20 at the south limits to approximately 600m north where it is bound by agricultural lands. The majority of the site comprises vacant land with field crop vegetation. There is a closed motel and associated parking areas at the south of the Subject Lands. The Subject Lands are divided by a hydro corridor which runs through the north end of the Subject Lands in a generally southwest to northeast direction, as shown in Figure 1.

The Subject Lands are currently drained by 7 outlets located along the perimeter of the Lands. Outlet 1 located at the northeast corner of the Subject Lands, conveys uncontrolled flows overland into the Thorold Townline Road ditch then easterly through two existing 450mm diameter CSP culverts beneath Thorold Townline Road ultimately flowing north. Outlet 2 and Outlet 3 are located at the east boundary of the Subject Lands and each gather flows from the existing lands in respective swales which both outlet into the Thorold Townline Road ditch. Outlet 2 and Outlet 3 then converge in the abutting ditch just outside the property boundary and prior to entering an existing 600mm diameter CSP culvert crossing beneath Thorold Townline Road. These two outlets will be represented by one predevelopment catchment. Outlet 4 is located at the southwest corner of the site and drains onto adjacent lands via a 300mm diameter CSP pipe which outlets to a grassed swale outside the property limits. Outlets 5 and 6 are located along the west perimeter of the site and each convey uncontrolled flows overland by sheet flow to the adjacent Rolling Meadows lands. Outlet 7 is located along the north perimeter of the site and drains uncontrolled flows overland by sheet flow to the north onto adjacent agricultural lands.

A Draft Plan of Subdivision has been prepared for the proposed development by Bousfields Inc.and forms the basis for the proposed servicing and stormwater management concepts. The Draft Plan of Subdivision, included in Appendix A, includes single detached residential lots, townhouse residential blocks, mixed-use commercial, mixed-use residential, condominium townhouse blocks, a potential pumping station block, park blocks, stormwater management pond block, a public lane and municipal right-of-ways.

The Draft Plan includes the following:

- Seven municipal roads (Streets A – G);
- Three Public Lanes (Lanes A – C);
- Single detached residential lots totaling 46 lots (Lots 1-46);
- On-Street Townhouse blocks (Blocks 47-65), including a total of 121 units;
- Rear Lane Townhouse blocks (Blocks 66-71), including a total of 24 units;



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PROJECT

PROPOSED PLAN OF SUBDIVISION
13030 LUNDY'S LANE

TITLE

LOCATION PLAN

Drawn	Scale	Figure
LXQ	NTS	**F1.1**
Checked: RSM	Project No.: 49428-100	
Date: 2023-10-06	Rev No.: 0	

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Plot Date: October 17, 2023 - 4:26 PM

- Condominium Townhouse blocks (Blocks 72-73), including an estimated total of 119 units;
- Mixed-use Residential block (Block 74) including an estimated total of 1,330 apartment units;
- Mixed-use Commercial blocks (Blocks 75-76) including an estimated total of 422 apartment units plus 4,555,7 square metres of Retail space;
- Pumping station block (Block 77);
- Stormwater Management Pond block (Block 78);
- Park blocks (Block 79-81); and,
- Road Widening block (Block 82).

1.2 Background Information

The following documents were referenced in the preparation of this report:

- Ref.1: *Preliminary Geotechnical Investigation Proposed Residential Development 13030 Lundy's Lane, Allanburg, Ontario*, Soil-Mat Engineers & Consultants Ltd. (July 23, 2021).
- Ref.2: *Erosion and Sediment Control Guidelines for Urban Construction*, Greater Golden Horseshoe Conservation Authorities (2006).
- Ref.3: *NPCA Stormwater Management Policies (2010).*
- Ref.4: City of St. Catharines *Engineering Standards Manual,* City of St. Catharines, (June, 2015).
- Ref.5: *MOE Stormwater Management Practices Planning and Design Manual*, Ministry of the Environment (March 2003).
- Ref.6: *Erosion and Sediment Control Guide for Urban Construction*, Toronto and region Conservation Authority, 2019.

1.3 Geotechnical Information

A preliminary geotechnical investigation was prepared by Soil-Mat Engineers & Consultants Ltd. dated July 23, 2021. Ten (10) boreholes were driven to depths between 5.2m and 12.2m below the existing ground surface. Four (4) monitoring wells were installed at Boreholes 1, 5, 6 and 9.

In general, the boreholes driven at the site penetrated fill and topsoil overlaying clayey silt to a depth of 3 to 4 meters decreasing in clay content past this point to predominantly silt with some clay. Soils were generally classified as 'C.L. Inorganic clays of low plasticity' to 'C.H. Inorganic clays of medium to high plasticity'. The report indicates that the soils would be well suited to provide an impermeable liner for a stormwater management pond and are not considered suitable for low impact development (LID) stormwater management systems.

Groundwater level readings taken to date conservatively indicate a groundwater level at 1.5 to 2 meters below the existing grade, at an elevation of roughly 183.5 to 186.5 meters.

Based on the geotechnical report, an SCS Curve Number (CN) of 79 was used for pervious surfaces in runoff calculations.

2.0 DESIGN CRITERIA

The stormwater management design criteria for the subject site as established by the Region of Niagara are as follows:

i. A baseline study is required to investigate the existing stormwater drainage conditions and constraints (e.g. hydraulic capacity, flood, erosion, etc.) in the outlet watersheds, assess future development impacts and identify the stormwater management requirements.

ii. Provide “Enhanced” level 1 water quality treatment (80% TSS removal);

iii. Attenuation of the post-development peak flows for the 2- to 100-year storm events to the pre-development (existing) peak flows. Thorold Townline Road and Lundy’s Lane shall not be negatively affected as a result of development; and

iv. Identify the feasible Low Impact Development/Green Infrastructure practices in order to mitigate impact on the downstream receiving creeks.

2.1 Low Impact Development (LID) Considerations

The geotechnical investigation for the Subject Lands estimates the coefficient of hydraulic conductivity to range from 10^{-7} to 10^{-8} cm/s for the clay and silt soils on site. The values relate to approximate infiltration rates of <6 mm/hr for both clay and silt soils. These Design Infiltration Rates are well below the MECP’s recommended minimum of 15 mm/hr for infiltration design.

Groundwater level readings indicate a groundwater level 1.5 to 2 meters below the existing grade, at an elevation of 183.5 to 186.5 meters. The seasonal high groundwater level will generally be higher than the proposed basement elevations in most areas of the site. In these areas, vertical separation of below-grade infiltration measures from the groundwater table may not be feasible, and so below-grade LID measures may not be feasible in these areas.

A screening of potential LID measures has been completed for the project, in accordance with the Low Impact Development Stormwater Management Planning and Design Guide Version 1.0 (Ref. 2). A summary of the screening of each LID measure considered for the project is included in Table 2.1.

Table 2.1 – Summary of Low Impact Development Screening

LID Measure	Degree of Feasibility	To Be Implemented on Site? (Yes/No/ Maybe)	Discussion
Lot-level Rain Barrels	Feasible	Maybe	Builder preference to be determined.
Lot-Level Cisterns	Feasible	No	Lot-level cisterns could provide SWM quantity control for the development. However, a more efficient result can be achieved with a communal SWM facility.
Green roof	Feasible on Mixed Use Blocks	Maybe	Green roof technology not suited to sloped, low- and medium-density residential rooftops. Could be implemented on flat roofed Mixed Use Blocks. To be determined at Site Plan stage for each block.
Roof Downspout Disconnection	Feasible	Yes	
Soakaways, Infiltration Trenches or Chambers	Not Feasible	No	Site soils are inadequate for infiltration.
Bioretention	Feasible	Maybe	Could be implemented on Mixed Use Blocks. To be determined at Site Plan stage for each block.
Biofilter (filtration only Bioretention design)	Not Feasible	No	No suitable location on plan.
Vegetated Filter Strip	Somewhat Feasible	Yes	To be implemented at boundaries of the Subject Lands.
Permeable Pavement	No	No	Site soils are inadequate for infiltration.
Increased Topsoil Depth	Feasible	Yes	Increased topsoil depth (up to 0.35m depth) can be utilized on all lots, increasing the soil water storage volume and infiltration potential.
Enhanced Grass Swale	Not feasible	No	No suitable location on plan.
Dry Swale	Not feasible	No	No suitable location on plan.
Perforated pipe system	Not feasible	No	Due to the high groundwater table and low infiltration potential of site soils, perforated storm sewers are generally not feasible in this development.

3.0 STORMWATER MANAGEMENT

3.1 Pre-Development Conditions

Under pre-development conditions, the Subject Lands were delineated into six sub-catchments. **Drawing 49428-100 P-ST1 Preliminary Pre-Development Storm Drainage Area Plan** (appended) provides an illustration of the pre-development sub-catchment areas, and **Table 3.1** provides a brief description of each sub-catchment area as well as the design parameters used in the hydrologic modeling. Catchments were delineated to illustrate runoff areas tributary to their respective outlets discussed.

Catchment 102 includes drainage areas tributary to both Outlet 2 and Outlet 3 since flows from these two outlets converge within the Thorold Townline Road ditch prior to entering the existing 600mm diameter CSP culvert and crossing Thorold Townline Road.

Table 3.1 - Existing Storm Catchment Areas

Catchment ID	Catchment Description	%Imp	Area (ha)	Pervious CN
101	Undeveloped Site – Outlet 1	5	3.15	79
102	Existing Conditions – Outlets 2 & 3	12	14.73	79
103	Undeveloped Site – Outlet 7	5	1.47	79
104	Existing Conditions – Outlet 4	53	0.95	79
105	Undeveloped Site – Outlet 5	5	3.55	79
106	Undeveloped Site – Outlet 6	5	0.36	79
	Total		**24.21**	

The existing conditions were assessed using the Visual OTTHYMO 6.2 (VO6) hydrologic modeling program developed by Smart City Water Inc for the 2 to 100-year 24 hour SCS synthetic design storm. Table 3.2 summarizes the parameters inputted into the VO6 models for the design storms and Table 3.3 summarizes the existing conditions site discharge rates for each of the aforementioned storm events.

Table 3.2 - Design Storm Parameters

Storm Event	IDF Parameters			Rainfall Depth i, (mm)[A]
	a	b	c	
2-year	567	0.746	5.2	60.2
5-year	664	0.744	4.7	72.3
10-year	724	0.739	4.3	81.2
25-year	821	0.735	4.0	94.3
50-year	900	0.734	3.8	104.5
100-year	980	0.732	3.7	114.9

[A] Rainfall Depths from St Catharines Engineering Guidelines. Results are based on IDF curves and a 24-hour SCS II storm event; refer to Appendix B.

Table 3.3 - Existing Conditions Site Discharge

Storm Event	Site Discharge to				
	Outlet 1 & 7 Q (m^3/s) [A]	Outlet 2 & 3 Q (m^3/s) [A]	Outlet 4 Q (m^3/s) [A]	Outlet 5 Q (m^3/s) [A]	Outlet 6 Q (m^3/s) [A]
	Townline Ditch North	Townline Ditch East	Adjacent Lot	Rolling Meadows	Rolling Meadows
2-year	0.261	0.621	0.108	0.187	0.026
5-year	0.354	0.845	0.142	0.255	0.036
10-year	0.435	1.041	0.168	0.313	0.044
25-year	0.559	1.339	0.188	0.403	0.056
50-year	0.651	1.563	0.219	0.470	0.065
100-year	0.756	1.817	0.250	0.546	0.076
[A] Catchment discharge taken from VO6 output; Refer to Appendix B.					

Copies of the pre-development VO6 modeling output files, along with a pre-development hydrologic connectivity schematic, are included in **Appendix B**.

3.2 Post Development Conditions

The post development conditions drainage pattern was delineated by ten (10) sub-catchment areas (see **Drawing 49428-100 P-ST2 Preliminary Post-Development Storm Drainage Area Plan** (appended)).

Table 3.4 provides a brief description of each sub-catchment area as well as the design parameters used in the hydrologic modeling.

Minor stormwater runoff (i.e. up to the 5-year storm event) from the site will be collected by an internal storm sewer system that will convey storm flows to a proposed stormwater management pond at the north east of the property. Stormwater management controls will be implemented upstream of the outlet to control post-development site discharge to the appropriate pre-development levels. Due to grading constraints, transition slopes along the property line will continue to drain uncontrolled towards adjacent lands.

The proposed conditions were assessed using the Visual OTTHYMO (VO6) hydrologic modeling program developed by Smart City Water for the 2 to 100-year 24 hour SCS type II design storms.

Table 3.4 – Post-Development Catchment Parameters

Sub-Catchment	Description	Area (ha.)	% Impervious	Pervious Flow Length (m)	Impervious Flow Length (m)	Pervious Slope (%)	Impervious Slope (%)	Pervious CN
201	Uncontrolled to Townline Ditch - Park, Easement, SPS & backs of towns Block 58-60	2.54	10	100	20	2.0	1.0	80
202	Uncontrolled to Townline Ditch - portion of Towns, Street B & SWM Block	0.33	70	10	30	2.0	1.0	80
203	Uncontrolled to Townline Ditch -Street A & Street C	1.05	28	10	30	2.0	1.0	80
204[2]	Controlled to SWM Pond	16.91	75	30	40	2.0	1.0	90
205	Uncontrolled Lundy's lane to 750mm Culvert at Townline Road	0.28	20	15	5	2.0	1.0	80
206	Uncontrolled to Lundy's lane Ditch	0.13	25	15	5	2.0	1.0	80
207	Uncontrolled Block 72 West (sheet flow to adjacent lot)	0.25	25	15	5	2.0	1.0	80
208	Uncontrolled Backs of Single Detached (sheet flow to future development)	0.61	45	25	5	2.0	1.0	80
209	Uncontrolled Townhouse block 69 (sheet flow West to future development)	0.06	25	5	0	2.0	1.0	80
210	Uncontrolled Townhouse block 69 (sheet flow North to field)	0.10	25	5	0	2.0	1.0	80
211	Street B to SWM Facility	0.18	70	10	5	2.0	8.0	90
212	SWM Facility Block	1.77	50	2	10	33.0	2.0	80
		24.21	**62**					

[1] Pervious CN based on SCS Soil Class D.
[2] Pervious CN based on SCS Soil Class D, Road.

4.0 STORMWATER MANAGEMENT DESIGN

4.1 Hydrologic Modelling

Hydrologic models were developed to provide quantitative estimates of flows across the study area under existing and proposed development conditions. The rainfall event simulation model Visual OTTHYMO was used to simulate response to the 2-, 5-, 10-, 25-, 50- and 100-year return period design storm events, using a 24 hour SCS type II rainfall distribution, and City of St. Catharines intensity-duration-frequency parameters. A 4 hour Chicago rainfall distribution was modeled for the 25mm Water Quality storm. Post-development Visual OTTHYMO modelling output is included in **Appendix C**, along with a hydrologic connectivity schematic.

4.2 Stormwater Quality Control

A Wet Pond SWM facility is proposed to provide water quality and quantity control treatment for runoff from the Subject Lands. Wet pond SWM facilities offer the benefits of dilution and settling of sediment within the forebay and the wet pond components. During the detailed design stage, a planting scheme will be prepared that carefully selects plant species and their location in and around the basin to stabilize banks, mitigate temperature increases, deter waterfowl from nesting within the area, and provide aesthetics and safety benefits.

The proposed SWM facility includes two sediment forebays and a main pool. The sediment forebays will accept minor storm event flows originating from the majority of the Subject Lands. Major storm flows are diverted around the sediment forebay to avoid resuspension of solids. Sediment Forebay No. 1 (SF1) is located in the southwest corner of the SWM facility, and accepts minor flow from the vast majority of the site. Sediment Forebay No. 2 (SF2) is located in the northeast corner of the pond and accepts minor flow from a small portion of Street B. The maximum and minimum depths of the SF1 are 2.0m and 0.9m, respectively. The maximum and minimum depths of SF2 are 1.5m and 0.9m, respectively. The maximum design depth would be available immediately following construction and after sediment clean-out operations. The minimum design operating depth is that which occurs prior to the required clean-out operations. Maintenance of the top portion of the forebay at all points in the sediment accumulation / clean-out cycle minimizes the potential for scour and re-suspension of previously settled sediments. The wet pond portion of the Pond has been designed with a 1.5 m deep permanent pool feature.

Since the majority of annual rainfall occurs in storms less than or equal to a 25mm event, the majority of water borne sediment is also transported to the SWM facility in these less intense events. Therefore, the sediment forebay is designed targeting the smaller flows. Furthermore, since larger storm events will have greater peak flows, there is potential for resuspension of accumulated sediment. Thus, the smaller flows into the forebay should be separated from the larger flows which should enter the main pond directly. To achieve this objective, the overland (major) flow route bypasses the sediment forebay and enters the main pool directly.

Forebay design is based on classic particle settling and flow dispersion equations as presented in the MOE 2003 Stormwater Management Practices Planning and Design Manual. The methodology presented in that document suggests that the design flow for the forebay should be taken as the peak outflow from the facility. Sediment forebay design calculations are included in **Appendix D**.

The clean-out frequency for the proposed SWM facilities can be found in the forebay design calculations in **Appendix D**.

Based on the MOE's 2003 Stormwater Management Guidelines, an Enhanced Level of water quality protection is required. Quality control measures proposed will take the form of a wet pond SWM facility. **Table 4.1** outlines the proposed Pond SWM facility design. **Appendix D** includes main pond draw down calculations.

Table 4.1 – SWM Facility Water Quality Control Details

General	Pond Characteristics
Wet Pond Stormwater Management Facility	Enhanced Quality Control
Total Contributing Area	
Minor Storm Catchment Area	18.86 ha
Major Storm Catchment Area	18.68 ha
Imperviousness	
Minor Catchment Area	73.0%
Major Storm Catchment Area	73.0%
Main Pool Bottom Elevation	181.30 m
Pond Side Slopes (below Top of Freeboard) H:V	4:1 below Freeboard, 7:1 within 3m of the PWL, 3:1 to bottom of pond
Storage	
Unit Area Storage Volume Requirements as per SWMMP (MOE 2003)	230.0 m^3/ha
Required Total Volume	4416 m^3
Permanent Pool	190.0 m^3/ha
Required Permanent Pool Volume	3648 m^3
Permanent Pool Volume Provided	
Forebay No. 1	1,376 m^3
Forebay No. 2	361 m^3
Main Pool	7,103 m^3
Total	8,840 m^3
Permanent Pool Elevation	182.80 m
Extended Detention	
Minimum Required Volume (based on 40 m^3/ha)	756 m^3
Extended Detention Volume Provided	768 m^3
Approximate Drawdown Time	42.9 hr

General	Pond Characteristics
Extended Detention Elevation	182.91 m
Peak Release Rate for Extended Detention (Quality)	0.008 m^3/s
Sediment Forebay No. 1	
Required Forebay Length	22.1 m
Actual Forebay Length	30.0 m
Permanent Pool Elevation	182.80 m
Bottom Elevation	180.80 m
Sediment Forebay No. 2	
Required Forebay Length	5.2 m
Actual Forebay Length	10.0 m
Permanent Pool Elevation	182.80 m
Bottom Elevation	181.30 m
Outlet Controls	
Orifice 1 (Extended Detention) Diameter	100 mm
Orifice 1 Invert Elevation	182.80 m
Orifice 2 Diameter	600 mm
Orifice 2 Invert Elevation	183.20 m
Weir Crest Breadth	2.5 m
Weir Crest Elevation	184.20 m
Weir Side Slopes (below top of freeboard elevation)	3:1 H:V

4.3 Stormwater Quantity Control

Stormwater quantity controls are required to attenuate flows from Catchment 204 and Catchment 211 and will be controlled by 3 stages of outlets from the SWM Pond near Outlet 2 at the Thorold Townline Road ditch. All other catchments can meet their respective predevelopment condition peak flow rates in an uncontrolled state.

Runoff from minor (5yr) storm events from Catchment 204 and Catchment 211 will be conveyed to the Pond via the proposed storm sewer network which flows into the forebays of the pond.

Major flows (>5yr) from Catchment 204 will be conveyed to the Pond via overland flow routes along the proposed roadways, bypassing the forebay and flowing directly into the main pool of the pond.

4.3.1 Outlet Structure

A multi-stage outlet structure has been proposed for use in the SWM facility.

The outlet of the Pond includes a 100 mm diameter reverse-slope low-flow orifice which will provide control for the 25mm water quality storm events and will discharge through an outlet headwall to a riprap lined channel which discharges to the Thorold Townline Road ditch. One 600mm diameter orifice with invert 0.40m above the permanent water level, and a 2.5m weir with 3:1 side slopes and weir crest elevation 1.30m above the permanent water level will control the discharge from the 2- through 100-year storms events.

Stage-storage-discharge relationships for the proposed SWM facility are shown below in **Table 4.2**. Detailed stage-storage-discharge relationships for the SWM facilities are provided in **Appendix D**.

Table 4.2 – Stage Storage-Discharge Information

Elevation (m)	Discharge (m^3/s)	Volume (m^3)	Remarks
182.80	0	0	Permanent Pool Elevation; 100mm dia. Orifice Invert
182.91	0.008	768	Enhanced WQ Storage Volume
183.20	0.013	2,982	600mm dia. Orifice Invert
184.20	0.8135	11,894	Weir Crest Elevation
184.50	2.1096	14,952	
184.80	4.5447	18,185	Top of Freeboard

A summary of the peak flows for the post-development conditions controlled by the pond is summarized in **Table 4.3**. Visual OTTHYMO output files for the quantity control modeling can be found in **Appendix C**.

A summary of the peak discharge rates from the pond, as well as maximum ponding elevation, depth and storage volume used under each design storm is provided in **Table 4.3.**

Table 4.3 – Maximum Wet Pond Peak Flow, Detention and Ponding Elevations

Storm Event	Peak Discharge (m^3/s)	Max. Ponding Elevation (m)	Max. Detention Depth (m)	Max. Storage Volume Used (m^3)
25 mm WQ	0.005	182.91	0.11	746
2 Year	0.192	183.52	0.72	5,640
5 Year	0.312	183.64	0.84	6,687
10 Year	0.408	183.74	0.94	7,601
25 Year	0.520	183.89	1.09	8,994
50 Year	0.586	184.00	1.20	10,035
100 Year	0.684	184.12	1.32	11,182

A summary of the peak flows for the pre- and post-development conditions is provided in **Table 4.4**. As shown, the post-development peak flows can be attenuated to pre-development levels under each design storm event at each outlet. Visual OTTHYMO output files for the quantity control modeling can be found in **Appendix C**.

Table 4.4 – Proposed Conditions Site Discharge

Storm Event	Site Discharge to									
	Outlet 1 & Outlet 7 201, 202, 210 [101, 103] Q (m^3/s) [A]		**Outlet 2 & Outlet 3 203, 204, 205, 211, 212** [102] Q (m^3/s) [A]		**Outlet 4 206, 207** [104] Q (m^3/s) [A]		**Outlet 5 208** [105] Q (m^3/s) [A]		**Outlet 6 209** [106] Q (m^3/s) [A]	
	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post
2-yr	0.261	0.267	0.621	0.205	0.108	0.041	0.187	0.075	0.026	0.008
5-yr	0.354	0.353	0.845	0.345	0.142	0.056	0.255	0.097	0.036	0.010
10-yr	0.435	0.428	1.041	0.477	0.168	0.067	0.313	0.116	0.044	0.012
25-yr	0.559	0.538	1.339	0.667	0.188	0.084	0.403	0.146	0.056	0.015
50-yr	0.651	0.621	1.563	0.778	0.219	0.099	0.470	0.167	0.065	0.017
100-yr	0.756	0.715	1.817	0.887	0.250	0.114	0.546	0.190	0.076	0.019

[A] Catchment discharge taken from VO6 output; Refer to Appendix B and Appendix C.

4.4 Proposed Stormwater Management Facilities

Details of the proposed SWM facility are provided on MTE Drawings **49428-100 P-SW1.1 – Preliminary SWM Facility Plan**, **49428-100 P-SW1.2 Preliminary SWM Facility Sections** and **49428-100 P-SW1.3 Preliminary SWM Facility Details and Notes**, enclosed. The following list of SWM facility design characteristics, read in conjunction with the above drawings, outlines all significant design aspects and rationales:

- The Pond has been designed as a wet pond facility with sufficient permanent and active storage volumes to achieve an Enhanced level of Water Quality protection.

- The outlet control structure for the SWM facility will be in the form of a bottom draw with a 100 mm diameter low flow orifice, and a secondary 600 mm diameter orifice. A 2.5m wide emergency outlet spillway weir with 3:1 side slopes is provided above the 100-year ponding level. The low-flow outlet pipe has been designed to provide a minimum of 24 hours of drawdown time for the extended detention volume.
- The low-flow outlet is discharged to the Thorold Townline Road ditch via an outlet headwall and riprap lined outlet.
- An access/maintenance road of 4m width has been incorporated into the design of the SWM facility to ensure sufficient access to the inlet and outlet structures and forebay for ease of inspection and maintenance. A maximum longitudinal grade of 10%, maximum cross-fall of 2% and a minimum centreline radius of 12m are proposed.
- The design of the SWM facility has incorporated internal side slopes of 7:1 or flatter (for safety) throughout the facility 3m above and below the permanent water level where pedestrian access could be achieved. Beyond the top of freeboard elevation, minimum side slopes of 3:1 H:V are provided.
- Minimum freeboard of 0.3m has been provided to the top of the berming on all sides of the SWM facility above the 100-year high water level.
- A preliminary Operations & Maintenance (O&M) manual for the wet pond SWM facility is included in **Appendix E**.

5.0 EROSION AND SEDIMENT CONTROL

During construction, erosion and sedimentation controls (ESC) will be provided via cutoff swales with rock check dams, siltation control fencing and temporary sediment basins. All proposed on-site catchbasin manholes and catchbasins as well as nearby off-site catchbasins will be fitted with silt sacks within the structures to mitigate sediment transport during construction. A mudmat will be constructed at the proposed construction access to mitigate the transport of sediments to the surrounding roads.

All erosion and sediment controls must be inspected and maintained regularly for the full duration of construction until the Engineer or the City approves removal of the measures. The Contractor shall inspect all erosion and sediment controls weekly and after any rainfall event and rectify any deficiencies immediately.

Preliminary ESC design is provided on MTE Drawings **49428-100 P-ES2.1 Erosion and Sediment Control Plan Pre-Grading** and **ES2.2 Erosion and Sediment Control Plan Notes and Details**, included herewith.

6.0 CONCLUSION AND RECOMMENDATIONS

Based on the information provided herein and foregoing analysis, it can be concluded that:

i. The proposed stormwater management design provides adequate attenuation for the 2 to 100-year storm events and meets the design requirements set by the Region of Niagara.

ii. The post-development flows will be controlled by orifice controls in the stormwater management pond; sufficient storage volume is provided within the pond.

iii. A stormwater quality control “Enhanced” level of 80% TSS removal will be achieved via best-management practices.

Based on the above conclusions it is recommended that:

iv. The Draft Plan be approved.

v. Detailed design for the Subject Lands be completed in accordance with the preliminary design included in this report.

All of which is respectfully submitted,

MTE Consultants Inc.



DIGITAL ORIGINAL

Scott Ahonen, B. Eng.
Designer
905-639-2552 ext. 2490
sahonen@mte85.com

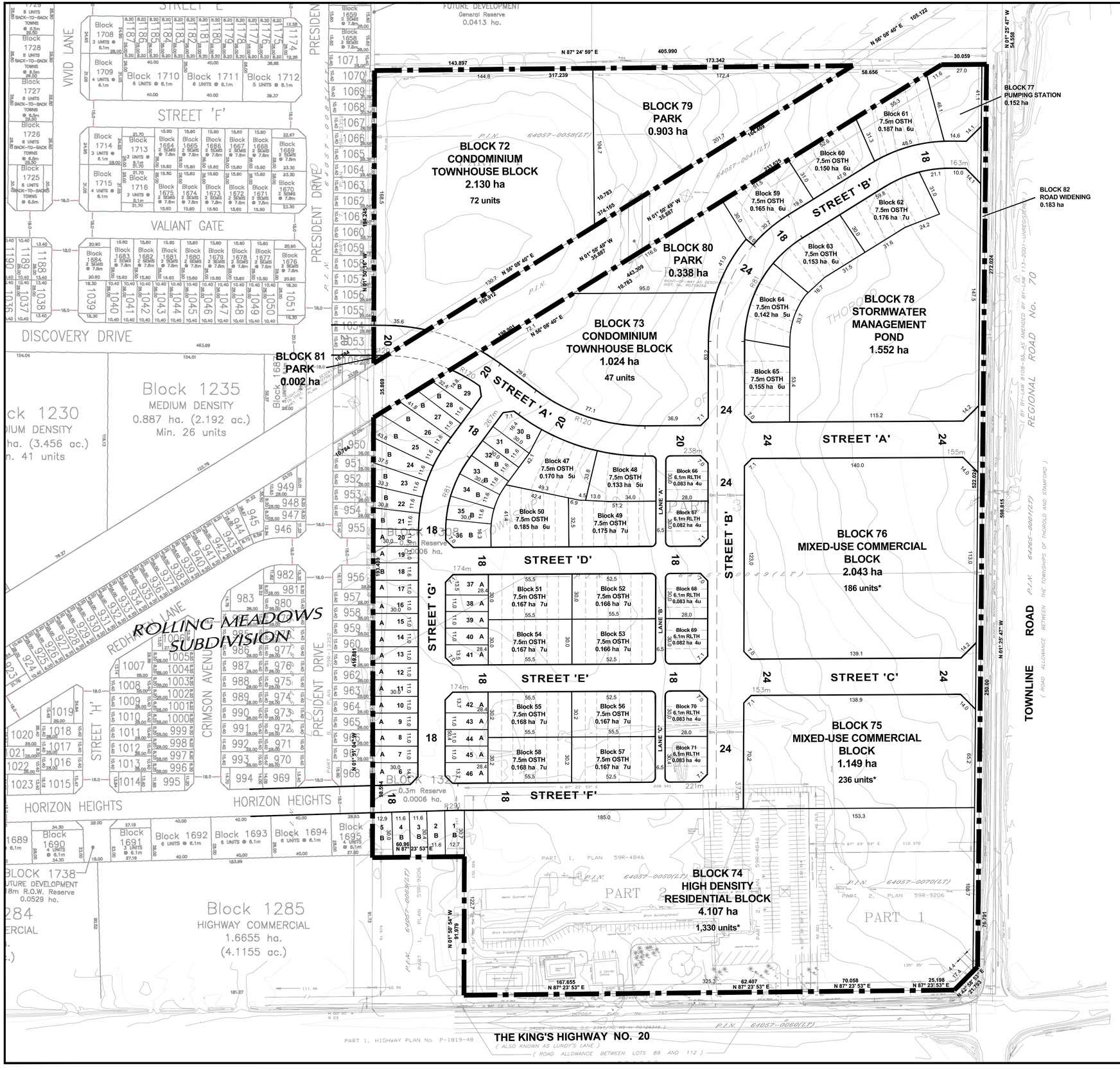
Rob Melick, P. Eng.
Senior Project Manager
905-639-2552 ext. 2438
rmelick@mte85.com

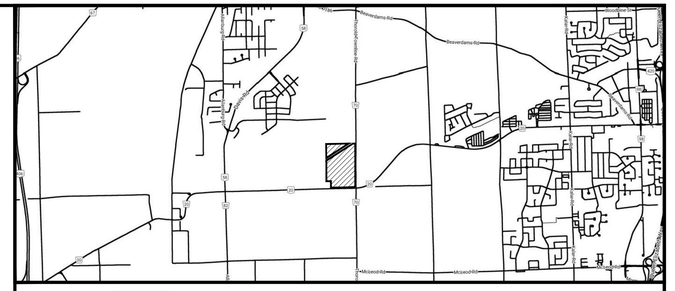
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Appendix A

Draft Plan of Subdivision





KEYPLAN — Subject Property

LAND USE - AREA TABLE	2097 - 59dp		December 13, 2023	
Single Family Residential	Lots	1-46	8%	1.742 ha±
On-Street Townhouses	Blocks	47-65	14%	3.131
Rear Lane Townhouses	Blocks	66-71	2%	0.496
Condominium Townhouse Blocks	Blocks	72-73	14%	3.154
High Density Residential Block	Block	74	18%	4.107
Mixed-Use / Commercial Blocks	Blocks	75-76	14%	3.192
Pumping Station Block	Block	77	1%	0.152
Stormwater Management Pond	Block	78	7%	1.552
Parks	Blocks	79-81	5%	1.243
Road Widening	Block	82	1%	0.183
Roads			17%	4.016
Total			**100%**	**22.968 ha±**

ROADS			
24m Public R.O.W.	528	m	1.671
20m Public R.O.W.	238	m	0.397
18m Public R.O.W.	1,152	m	1.828
6.5m Public Lane	180	m	0.120
Total	**2,098**	**m**	**4.016 ha**

PRELIMINARY UNIT COUNT				
11.0m Single Family Detached	A	1%	24	units
11.6m Single Family Detached	B	1%	22	
On-Street Townhouses		6%	121	
Rear Lane Townhouses		1%	24	
Condominium Townhouses		6%	119 *	
Residential Apartment Units		85%	1752 *	
Total		**100%**	**2062 * units**	

* Final Unit Counts will be determined at the time of Site Plan application for each Block.

LEGEND

Subject Property

NOTES

All dimensions are in metres.
All area measurements are computer generated.
All elevations refer to Geodetic Datum.

ADDITIONAL INFORMATION
REQUIRED UNDER SECTION 51(17)
OF THE PLANNING ACT

A, B, E, F, G, J, L - As Shown on Plan
C. Additional lands owned by the applicant as shown on the key plan.
D. Residential Singles, On-Street Townhouses, Rear-Lane Townhouses, Condominium Townhouse Blocks, Mixed Use/Commercial Block, High Density Residential Block, Pumping Station, Stormwater Management Pond, Park, Road Widening, Roads and Lanes.
H. Piped water to be provided.
I. Clay loam soil.
K. Sanitary & storm sewers to be provided.

SURVEYOR'S CERTIFICATE

I certify that: the boundaries of the lands to be subdivided and their relationship to the adjacent lands are correctly shown.

PHILIP S. SUDA, O.L.S. — Day Month Year
SUDA & MALESZYK SURVEYING INC.

OWNER'S AUTHORIZATION

I/we, RUDANCO HOSPITALITY CORPORATION
being the registered owner(s) of the subject lands hereby authorize BOUSFIELDs INC. to prepare and submit a draft plan of subdivision for approval.

RUDANCO HOSPITALITY CORPORATION — Day Month Year

0 10 25 50 100 m

DRAFT PLAN OF PROPOSED SUBDIVISION
PART OF LOT 89
(GEOGRAPHIC TOWNSHIP OF THOROLD)
CITY OF THOROLD
(REGIONAL MUNICIPALITY OF NIAGARA)

BOUSFIELDs INC.
3 Church Street, Suite 200
Toronto, Ontario M5E 1M2
P (416) 947-9744
F (416) 947-0781

1 : 1200	December 13, 2023	2097 - 59dp
Scale	Date	Drawing Number

Appendix B

Pre-Development Hydrologic Modeling

Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

Project Number: 49428-100
Date: 10/23/2023
Designed by: SXA
File: Q:\49428\100\SWM\Preliminary\[49428-100 -Preliminary SWM Analysis.xlsx]WQ Vol

Pre-Development Hydrologic Modeling Parameters

Catchment ID	Catchment Description	Hydrograph Method	Area (ha)	Perv. CN	Perv. Ia (mm)	Impervious (%)		Flow Length (m)		Manning's 'n'		Slope (%)		Time to Peak T_p (hrs)
						TIMP	XIMP	Perv.	Imperv.	Perv.	Imperv.	Perv.	Imperv.	
101	Undeveloped Site – Outlet 1	NASHYD	3.15	79	6.75									0.23
102	Existing Conditions – Outlets 2 & 3	NASHYD	14.73	79	6.75									0.33
103	Undeveloped Site – Outlet 7	NASHYD	1.47	79	6.75									0.19
104	Existing Conditions – Outlet 4	STANDHYD	0.95	79	6.75	53	26	40	50	0.25	0.013	2	1	-
105	Existing Conditions – Outlet 5	NASHYD	3.55	79	6.75									0.24
106	Existing Conditions – Outlet 6	NASHYD	0.36	79	6.75									0.14
TOTAL			**24.21**											

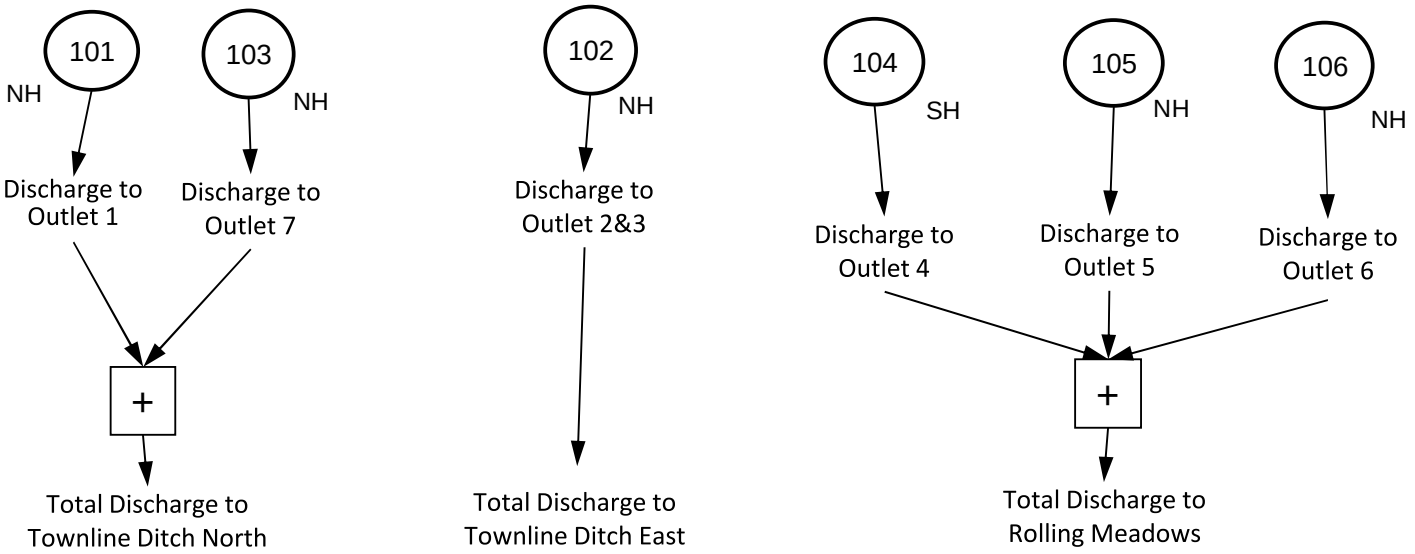
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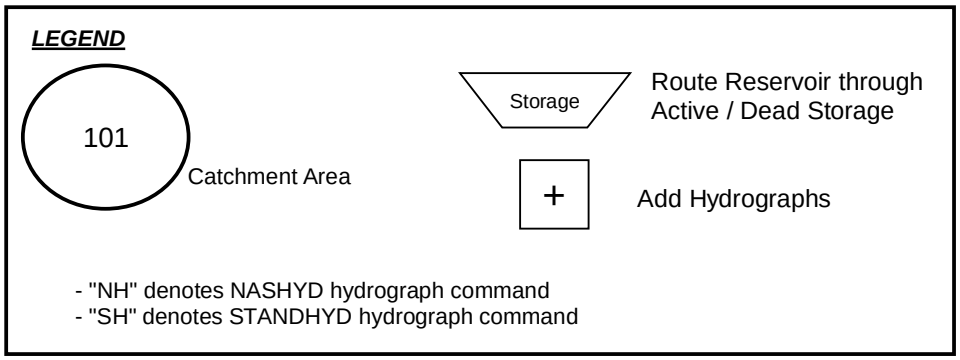
- Pervious Initial Abstraction (Perv. Ia) = 0.1 x S , where S = (25400 / CN) - 254
- Depression Storage over Impervious areas (DPSI) = 1.0 mm

[1]CN Values based on SCS Soil Class D, unimproved land

Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

EXISTING DEVELOPMENT CONDITIONS MODEL SCHEMATIC





Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

Project Number: 49428-100
Date: 9/22/2023
Designed by: SXA
File: Q:\49428\100\SWM\Preliminary\[49428-100 -Preliminary SWM Analysis.xlsx]WQ Vol

Time to Peak Calculations

Time to peak (T_p) values were derived from time of concentration (T_c) calculations based on the Airport Method equation:

$$T_c = \frac{3.26(1.1-C)L^{0.5}}{S_w^{0.33}}$$ (MTO Dainage Manual Design Chart 1.12)

T_c = Overland flow time of concentration (minutes)
L = Flow travel length
S = Basin slope (%)
C = Runoff coefficient

From this, $\mathbf{T_p = 0.67\ T_c}$

The time to peak values used in the NASHYD command for the existing conditions hydrologic modeling are shown below:

Catchment ID	Area (ha)	Length (m)	'C'	Slope (m/m)	T_c (min)	T_p (min)	T_p (hrs)
101	3.15	89	0.24	0.02	21.01	14.08	0.23
102	14.73	192	0.28	0.02	29.46	19.74	0.33
103	1.47	61	0.24	0.02	17.37	11.64	0.19
104	0.95	49	0.57	0.02	9.60	6.43	0.11
105	3.55	94	0.24	0.02	21.65	14.51	0.24
106	0.36	30	0.24	0.02	12.22	8.19	0.14

2-yr 24hr SCS Type II

```
================================================================================
==============

      V    V   I    SSSSS  U   U    A    L                (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
       V  V    I      SS   U   U  A   A  L
        VV     I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M   M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                    *****  D E T A I L E D    O U T P U T  *****

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DATE: 11/01/2023                          TIME: 03:23:14

USER:


COMMENTS: _____

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  ***********************************************
  ** SIMULATION : 002yr 24hr 5min SCS Type II ( **
  ***********************************************


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|    READ STORM    |    Filename: C:\Users\SAhonen\AppD
|                  |              ata\Local\Temp\
|                  |              6d5b05fb-1890-4746-b627-d3f77a0d2847\2c1b53da
| Ptotal= 59.77 mm |    Comments: 2yr 24hr 5min SCS Type II (MTO)
--------------------
```

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.00	0.00	6.08	1.08	12.17	8.61	18.25	1.08
0.08	0.66	6.17	1.08	12.25	8.61	18.33	1.08
0.17	0.66	6.25	1.08	12.33	8.61	18.42	1.08
0.25	0.66	6.33	1.08	12.42	8.61	18.50	1.08
0.33	0.66	6.42	1.08	12.50	8.61	18.58	1.08
0.42	0.66	6.50	1.08	12.58	4.42	18.67	1.08
0.50	0.66	6.58	1.08	12.67	4.42	18.75	1.08
0.58	0.66	6.67	1.08	12.75	4.42	18.83	1.08
0.67	0.66	6.75	1.08	12.83	4.42	18.92	1.08
0.75	0.66	6.83	1.08	12.92	4.42	19.00	1.08
0.83	0.66	6.92	1.08	13.00	4.42	19.08	1.08
0.92	0.66	7.00	1.08	13.08	3.23	19.17	1.08
1.00	0.66	7.08	1.31	13.17	3.23	19.25	1.08
1.08	0.66	7.17	1.31	13.25	3.23	19.33	1.08
1.17	0.66	7.25	1.31	13.33	3.23	19.42	1.08
1.25	0.66	7.33	1.31	13.42	3.23	19.50	1.08
1.33	0.66	7.42	1.31	13.50	3.23	19.58	1.08
1.42	0.66	7.50	1.31	13.58	2.51	19.67	1.08
1.50	0.66	7.58	1.31	13.67	2.51	19.75	1.08
1.58	0.66	7.67	1.31	13.75	2.51	19.83	1.08
1.67	0.66	7.75	1.31	13.83	2.51	19.92	1.08
1.75	0.66	7.83	1.31	13.92	2.51	20.00	1.08
1.83	0.66	7.92	1.31	14.00	2.51	20.08	0.72
1.92	0.66	8.00	1.31	14.08	1.79	20.17	0.72
2.00	0.66	8.08	1.55	14.17	1.79	20.25	0.72
2.08	0.78	8.17	1.55	14.25	1.79	20.33	0.72
2.17	0.78	8.25	1.55	14.33	1.79	20.42	0.72
2.25	0.78	8.33	1.55	14.42	1.79	20.50	0.72
2.33	0.78	8.42	1.55	14.50	1.79	20.58	0.72
2.42	0.78	8.50	1.55	14.58	1.79	20.67	0.72
2.50	0.78	8.58	1.67	14.67	1.79	20.75	0.72
2.58	0.78	8.67	1.67	14.75	1.79	20.83	0.72
2.67	0.78	8.75	1.67	14.83	1.79	20.92	0.72
2.75	0.78	8.83	1.67	14.92	1.79	21.00	0.72
2.83	0.78	8.92	1.67	15.00	1.79	21.08	0.72
2.92	0.78	9.00	1.67	15.08	1.79	21.17	0.72
3.00	0.78	9.08	1.91	15.17	1.79	21.25	0.72
3.08	0.78	9.17	1.91	15.25	1.79	21.33	0.72
3.17	0.78	9.25	1.91	15.33	1.79	21.42	0.72
3.25	0.78	9.33	1.91	15.42	1.79	21.50	0.72
3.33	0.78	9.42	1.91	15.50	1.79	21.58	0.72
3.42	0.78	9.50	1.91	15.58	1.79	21.67	0.72
3.50	0.78	9.58	2.15	15.67	1.79	21.75	0.72
3.58	0.78	9.67	2.15	15.75	1.79	21.83	0.72
3.67	0.78	9.75	2.15	15.83	1.79	21.92	0.72
3.75	0.78	9.83	2.15	15.92	1.79	22.00	0.72
3.83	0.78	9.92	2.15	16.00	1.79	22.08	0.72
3.92	0.78	10.00	2.15	16.08	1.08	22.17	0.72
4.00	0.78	10.08	2.75	16.17	1.08	22.25	0.72
4.08	0.96	10.17	2.75	16.25	1.08	22.33	0.72
4.17	0.96	10.25	2.75	16.33	1.08	22.42	0.72
4.25	0.96	10.33	2.75	16.42	1.08	22.50	0.72
4.33	0.96	10.42	2.75	16.50	1.08	22.58	0.72
4.42	0.96	10.50	2.75	16.58	1.08	22.67	0.72
4.50	0.96	10.58	3.71	16.67	1.08	22.75	0.72
4.58	0.96	10.67	3.71	16.75	1.08	22.83	0.72
4.67	0.96	10.75	3.71	16.83	1.08	22.92	0.72
4.75	0.96	10.83	3.71	16.92	1.08	23.00	0.72
4.83	0.96	10.92	3.71	17.00	1.08	23.08	0.72
4.92	0.96	11.00	3.71	17.08	1.08	23.17	0.72
5.00	0.96	11.08	5.74	17.17	1.08	23.25	0.72
5.08	0.96	11.17	5.74	17.25	1.08	23.33	0.72
5.17	0.96	11.25	5.74	17.33	1.08	23.42	0.72
5.25	0.96	11.33	5.74	17.42	1.08	23.50	0.72
5.33	0.96	11.42	5.74	17.50	1.08	23.58	0.72
5.42	0.96	11.50	5.74	17.58	1.08	23.67	0.72
5.50	0.96	11.58	17.69	17.67	1.08	23.75	0.72
5.58	0.96	11.67	17.69	17.75	1.08	23.83	0.72
5.67	0.96	11.75	17.69	17.83	1.08	23.92	0.72
5.75	0.96	11.83	73.16	17.92	1.08	24.00	0.72
5.83	0.96	11.92	73.16	18.00	1.08		
5.92	0.96	12.00	73.16	18.08	1.08		
6.00	0.96	12.08	8.61	18.17	1.08		

```
--------------------------------------------------------------------------------

--------------------
| CALIB            |
| NASHYD   (  0102)|   Area     (ha)=  14.73   Curve Number   (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
--------------------   U.H. Tp(hrs)=   0.33

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.


                          ---- TRANSFORMED HYETOGRAPH ----
```

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	0.96	12.100	40.79	18.13	1.08
0.067	0.00	6.100	1.02	12.133	8.61	18.17	1.08
0.100	0.33	6.133	1.08	12.167	8.61	18.20	1.08
0.133	0.66	6.167	1.08	12.200	8.61	18.23	1.08
0.167	0.66	6.200	1.08	12.233	8.61	18.27	1.08
0.200	0.66	6.233	1.08	12.267	8.61	18.30	1.08
0.233	0.66	6.267	1.08	12.300	8.61	18.33	1.08
0.267	0.66	6.300	1.08	12.333	8.61	18.37	1.08
0.300	0.66	6.333	1.08	12.367	8.61	18.40	1.08
0.333	0.66	6.367	1.08	12.400	8.61	18.43	1.08
0.367	0.66	6.400	1.08	12.433	8.61	18.47	1.08
0.400	0.66	6.433	1.08	12.467	8.61	18.50	1.08
0.433	0.66	6.467	1.08	12.500	8.61	18.53	1.08
0.467	0.66	6.500	1.08	12.533	8.61	18.57	1.08
0.500	0.66	6.533	1.08	12.567	8.61	18.60	1.08
0.533	0.66	6.567	1.08	12.600	6.51	18.63	1.08
0.567	0.66	6.600	1.08	12.633	4.42	18.67	1.08
0.600	0.66	6.633	1.08	12.667	4.42	18.70	1.08
0.633	0.66	6.667	1.08	12.700	4.42	18.73	1.08
0.667	0.66	6.700	1.08	12.733	4.42	18.77	1.08
0.700	0.66	6.733	1.08	12.767	4.42	18.80	1.08
0.733	0.66	6.767	1.08	12.800	4.42	18.83	1.08
0.767	0.66	6.800	1.08	12.833	4.42	18.87	1.08
0.800	0.66	6.833	1.08	12.867	4.42	18.90	1.08
0.833	0.66	6.867	1.08	12.900	4.42	18.93	1.08
0.867	0.66	6.900	1.08	12.933	4.42	18.97	1.08
0.900	0.66	6.933	1.08	12.967	4.42	19.00	1.08
0.933	0.66	6.967	1.08	13.000	4.42	19.03	1.08
0.967	0.66	7.000	1.08	13.033	4.42	19.07	1.08
1.000	0.66	7.033	1.08	13.067	4.42	19.10	1.08
1.033	0.66	7.067	1.08	13.100	3.82	19.13	1.08
1.067	0.66	7.100	1.20	13.133	3.23	19.17	1.08
1.100	0.66	7.133	1.31	13.167	3.23	19.20	1.08
1.133	0.66	7.167	1.31	13.200	3.23	19.23	1.08
1.167	0.66	7.200	1.31	13.233	3.23	19.27	1.08
1.200	0.66	7.233	1.31	13.267	3.23	19.30	1.08
1.233	0.66	7.267	1.31	13.300	3.23	19.33	1.08
1.267	0.66	7.300	1.31	13.333	3.23	19.37	1.08
1.300	0.66	7.333	1.31	13.367	3.23	19.40	1.08
1.333	0.66	7.367	1.31	13.400	3.23	19.43	1.08
1.367	0.66	7.400	1.31	13.433	3.23	19.47	1.08
1.400	0.66	7.433	1.31	13.467	3.23	19.50	1.08
1.433	0.66	7.467	1.31	13.500	3.23	19.53	1.08
1.467	0.66	7.500	1.31	13.533	3.23	19.57	1.08
1.500	0.66	7.533	1.31	13.567	3.23	19.60	1.08
1.533	0.66	7.567	1.31	13.600	2.87	19.63	1.08
1.567	0.66	7.600	1.31	13.633	2.51	19.67	1.08
1.600	0.66	7.633	1.31	13.667	2.51	19.70	1.08
1.633	0.66	7.667	1.31	13.700	2.51	19.73	1.08
1.667	0.66	7.700	1.31	13.733	2.51	19.77	1.08
1.700	0.66	7.733	1.31	13.767	2.51	19.80	1.08
1.733	0.66	7.767	1.31	13.800	2.51	19.83	1.08
1.767	0.66	7.800	1.31	13.833	2.51	19.87	1.08
1.800	0.66	7.833	1.31	13.867	2.51	19.90	1.08
1.833	0.66	7.867	1.31	13.900	2.51	19.93	1.08
1.867	0.66	7.900	1.31	13.933	2.51	19.97	1.08
1.900	0.66	7.933	1.31	13.967	2.51	20.00	1.08
1.933	0.66	7.967	1.31	14.000	2.51	20.03	1.08
1.967	0.66	8.000	1.31	14.033	2.51	20.07	1.08
2.000	0.66	8.033	1.31	14.067	2.51	20.10	0.90
2.033	0.66	8.067	1.31	14.100	2.15	20.13	0.72
2.067	0.66	8.100	1.43	14.133	1.79	20.17	0.72
2.100	0.72	8.133	1.55	14.167	1.79	20.20	0.72
2.133	0.78	8.167	1.55	14.200	1.79	20.23	0.72
2.167	0.78	8.200	1.55	14.233	1.79	20.27	0.72
2.200	0.78	8.233	1.55	14.267	1.79	20.30	0.72
2.233	0.78	8.267	1.55	14.300	1.79	20.33	0.72
2.267	0.78	8.300	1.55	14.333	1.79	20.37	0.72
2.300	0.78	8.333	1.55	14.367	1.79	20.40	0.72
2.333	0.78	8.367	1.55	14.400	1.79	20.43	0.72
2.367	0.78	8.400	1.55	14.433	1.79	20.47	0.72
2.400	0.78	8.433	1.55	14.467	1.79	20.50	0.72
2.433	0.78	8.467	1.55	14.500	1.79	20.53	0.72
2.467	0.78	8.500	1.55	14.533	1.79	20.57	0.72
2.500	0.78	8.533	1.55	14.567	1.79	20.60	0.72
2.533	0.78	8.567	1.55	14.600	1.79	20.63	0.72
2.567	0.78	8.600	1.61	14.633	1.79	20.67	0.72
2.600	0.78	8.633	1.67	14.667	1.79	20.70	0.72
2.633	0.78	8.667	1.67	14.700	1.79	20.73	0.72
2.667	0.78	8.700	1.67	14.733	1.79	20.77	0.72
2.700	0.78	8.733	1.67	14.767	1.79	20.80	0.72
2.733	0.78	8.767	1.67	14.800	1.79	20.83	0.72
2.767	0.78	8.800	1.67	14.833	1.79	20.87	0.72
2.800	0.78	8.833	1.67	14.867	1.79	20.90	0.72
2.833	0.78	8.867	1.67	14.900	1.79	20.93	0.72
2.867	0.78	8.900	1.67	14.933	1.79	20.97	0.72
2.900	0.78	8.933	1.67	14.967	1.79	21.00	0.72
2.933	0.78	8.967	1.67	15.000	1.79	21.03	0.72
2.967	0.78	9.000	1.67	15.033	1.79	21.07	0.72
3.000	0.78	9.033	1.67	15.067	1.79	21.10	0.72
3.033	0.78	9.067	1.67	15.100	1.79	21.13	0.72
3.067	0.78	9.100	1.79	15.133	1.79	21.17	0.72
3.100	0.78	9.133	1.91	15.167	1.79	21.20	0.72
3.133	0.78	9.167	1.91	15.200	1.79	21.23	0.72
3.167	0.78	9.200	1.91	15.233	1.79	21.27	0.72
3.200	0.78	9.233	1.91	15.267	1.79	21.30	0.72
3.233	0.78	9.267	1.91	15.300	1.79	21.33	0.72
3.267	0.78	9.300	1.91	15.333	1.79	21.37	0.72
3.300	0.78	9.333	1.91	15.367	1.79	21.40	0.72
3.333	0.78	9.367	1.91	15.400	1.79	21.43	0.72
3.367	0.78	9.400	1.91	15.433	1.79	21.47	0.72
3.400	0.78	9.433	1.91	15.467	1.79	21.50	0.72
3.433	0.78	9.467	1.91	15.500	1.79	21.53	0.72
3.467	0.78	9.500	1.91	15.533	1.79	21.57	0.72
3.500	0.78	9.533	1.91	15.567	1.79	21.60	0.72
3.533	0.78	9.567	1.91	15.600	1.79	21.63	0.72
3.567	0.78	9.600	2.03	15.633	1.79	21.67	0.72
3.600	0.78	9.633	2.15	15.667	1.79	21.70	0.72
3.633	0.78	9.667	2.15	15.700	1.79	21.73	0.72
3.667	0.78	9.700	2.15	15.733	1.79	21.77	0.72
3.700	0.78	9.733	2.15	15.767	1.79	21.80	0.72
3.733	0.78	9.767	2.15	15.800	1.79	21.83	0.72
3.767	0.78	9.800	2.15	15.833	1.79	21.87	0.72
3.800	0.78	9.833	2.15	15.867	1.79	21.90	0.72
3.833	0.78	9.867	2.15	15.900	1.79	21.93	0.72
3.867	0.78	9.900	2.15	15.933	1.79	21.97	0.72
3.900	0.78	9.933	2.15	15.967	1.79	22.00	0.72
3.933	0.78	9.967	2.15	16.000	1.79	22.03	0.72
3.967	0.78	10.000	2.15	16.033	1.79	22.07	0.72
4.000	0.78	10.033	2.15	16.067	1.79	22.10	0.72
4.033	0.78	10.067	2.15	16.100	1.43	22.13	0.72
4.067	0.78	10.100	2.45	16.133	1.08	22.17	0.72
4.100	0.87	10.133	2.75	16.167	1.08	22.20	0.72
4.133	0.96	10.167	2.75	16.200	1.08	22.23	0.72
4.167	0.96	10.200	2.75	16.233	1.08	22.27	0.72
4.200	0.96	10.233	2.75	16.267	1.08	22.30	0.72
4.233	0.96	10.267	2.75	16.300	1.08	22.33	0.72
4.267	0.96	10.300	2.75	16.333	1.08	22.37	0.72
4.300	0.96	10.333	2.75	16.367	1.08	22.40	0.72
4.333	0.96	10.367	2.75	16.400	1.08	22.43	0.72
4.367	0.96	10.400	2.75	16.433	1.08	22.47	0.72
4.400	0.96	10.433	2.75	16.467	1.08	22.50	0.72
4.433	0.96	10.467	2.75	16.500	1.08	22.53	0.72
4.467	0.96	10.500	2.75	16.533	1.08	22.57	0.72
4.500	0.96	10.533	2.75	16.567	1.08	22.60	0.72
4.533	0.96	10.567	2.75	16.600	1.08	22.63	0.72
4.567	0.96	10.600	3.23	16.633	1.08	22.67	0.72
4.600	0.96	10.633	3.71	16.667	1.08	22.70	0.72
4.633	0.96	10.667	3.71	16.700	1.08	22.73	0.72
4.667	0.96	10.700	3.71	16.733	1.08	22.77	0.72
4.700	0.96	10.733	3.71	16.767	1.08	22.80	0.72
4.733	0.96	10.767	3.71	16.800	1.08	22.83	0.72
4.767	0.96	10.800	3.71	16.833	1.08	22.87	0.72
4.800	0.96	10.833	3.71	16.867	1.08	22.90	0.72
4.833	0.96	10.867	3.71	16.900	1.08	22.93	0.72
4.867	0.96	10.900	3.71	16.933	1.08	22.97	0.72

2-yr 24hr SCS Type II

4.900	0.96	10.933	3.71	16.967	1.08	23.00	0.72
4.933	0.96	10.967	3.71	17.000	1.08	23.03	0.72
4.967	0.96	11.000	3.71	17.033	1.08	23.07	0.72
5.000	0.96	11.033	3.71	17.067	1.08	23.10	0.72
5.033	0.96	11.067	3.71	17.100	1.08	23.13	0.72
5.067	0.96	11.100	4.72	17.133	1.08	23.17	0.72
5.100	0.96	11.133	5.74	17.167	1.08	23.20	0.72
5.133	0.96	11.167	5.74	17.200	1.08	23.23	0.72
5.167	0.96	11.200	5.74	17.233	1.08	23.27	0.72
5.200	0.96	11.233	5.74	17.267	1.08	23.30	0.72
5.233	0.96	11.267	5.74	17.300	1.08	23.33	0.72
5.267	0.96	11.300	5.74	17.333	1.08	23.37	0.72
5.300	0.96	11.333	5.74	17.367	1.08	23.40	0.72
5.333	0.96	11.367	5.74	17.400	1.08	23.43	0.72
5.367	0.96	11.400	5.74	17.433	1.08	23.47	0.72
5.400	0.96	11.433	5.74	17.467	1.08	23.50	0.72
5.433	0.96	11.467	5.74	17.500	1.08	23.53	0.72
5.467	0.96	11.500	5.74	17.533	1.08	23.57	0.72
5.500	0.96	11.533	5.74	17.567	1.08	23.60	0.72
5.533	0.96	11.567	5.74	17.600	1.08	23.63	0.72
5.567	0.96	11.600	11.73	17.633	1.08	23.67	0.72
5.600	0.96	11.633	17.69	17.667	1.08	23.70	0.72
5.633	0.96	11.667	17.69	17.700	1.08	23.73	0.72
5.667	0.96	11.700	17.69	17.733	1.08	23.77	0.72
5.700	0.96	11.733	17.69	17.767	1.08	23.80	0.72
5.733	0.96	11.767	17.69	17.800	1.08	23.83	0.72
5.767	0.96	11.800	17.69	17.833	1.08	23.87	0.72
5.800	0.96	11.833	17.77	17.867	1.08	23.90	0.72
5.833	0.96	11.867	73.16	17.900	1.08	23.93	0.72
5.867	0.96	11.900	73.16	17.933	1.08	23.97	0.72
5.900	0.96	11.933	73.16	17.967	1.08	24.00	0.72
5.933	0.96	11.967	73.16	18.000	1.08	24.03	0.72
5.967	0.96	12.000	73.16	18.033	1.08	24.07	0.72
6.000	0.96	12.033	73.16	18.067	1.08	24.10	0.36
6.033	0.96	12.067	73.16	18.100	1.08		

Unit Hyd Qpeak (cms)= 1.705

PEAK FLOW (cms)= 0.621 (i)
TIME TO PEAK (hrs)= 12.300
RUNOFF VOLUME (mm)= 23.321
TOTAL RAINFALL (mm)= 59.770
RUNOFF COEFFICIENT = 0.390

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0105)	Area	(ha)=	3.55	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)=	3.00
	U.H. Tp(hrs)=		0.24		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	0.96	12.100	40.79	18.13	1.08
0.067	0.00	6.100	1.02	12.133	8.61	18.17	1.08
0.100	0.33	6.133	1.08	12.167	8.61	18.20	1.08
0.133	0.66	6.167	1.08	12.200	8.61	18.23	1.08
0.167	0.66	6.200	1.08	12.233	8.61	18.27	1.08
0.200	0.66	6.233	1.08	12.267	8.61	18.30	1.08
0.233	0.66	6.267	1.08	12.300	8.61	18.33	1.08
0.267	0.66	6.300	1.08	12.333	8.61	18.37	1.08
0.300	0.66	6.333	1.08	12.367	8.61	18.40	1.08
0.333	0.66	6.367	1.08	12.400	8.61	18.43	1.08
0.367	0.66	6.400	1.08	12.433	8.61	18.47	1.08
0.400	0.66	6.433	1.08	12.467	8.61	18.50	1.08
0.433	0.66	6.467	1.08	12.500	8.61	18.53	1.08
0.467	0.66	6.500	1.08	12.533	8.61	18.57	1.08
0.500	0.66	6.533	1.08	12.567	8.61	18.60	1.08
0.533	0.66	6.567	1.08	12.600	6.51	18.63	1.08
0.567	0.66	6.600	1.08	12.633	4.42	18.67	1.08
0.600	0.66	6.633	1.08	12.667	4.42	18.70	1.08
0.633	0.66	6.667	1.08	12.700	4.42	18.73	1.08
0.667	0.66	6.700	1.08	12.733	4.42	18.77	1.08
0.700	0.66	6.733	1.08	12.767	4.42	18.80	1.08
0.733	0.66	6.767	1.08	12.800	4.42	18.83	1.08
0.767	0.66	6.800	1.08	12.833	4.42	18.87	1.08
0.800	0.66	6.833	1.08	12.867	4.42	18.90	1.08
0.833	0.66	6.867	1.08	12.900	4.42	18.93	1.08
0.867	0.66	6.900	1.08	12.933	4.42	18.97	1.08
0.900	0.66	6.933	1.08	12.967	4.42	19.00	1.08
0.933	0.66	6.967	1.08	13.000	4.42	19.03	1.08
0.967	0.66	7.000	1.08	13.033	4.42	19.07	1.08
1.000	0.66	7.033	1.08	13.067	4.42	19.10	1.08
1.033	0.66	7.067	1.08	13.100	3.82	19.13	1.08
1.067	0.66	7.100	1.20	13.133	3.23	19.17	1.08
1.100	0.66	7.133	1.31	13.167	3.23	19.20	1.08
1.133	0.66	7.167	1.31	13.200	3.23	19.23	1.08
1.167	0.66	7.200	1.31	13.233	3.23	19.27	1.08
1.200	0.66	7.233	1.31	13.267	3.23	19.30	1.08
1.233	0.66	7.267	1.31	13.300	3.23	19.33	1.08
1.267	0.66	7.300	1.31	13.333	3.23	19.37	1.08
1.300	0.66	7.333	1.31	13.367	3.23	19.40	1.08
1.333	0.66	7.367	1.31	13.400	3.23	19.43	1.08
1.367	0.66	7.400	1.31	13.433	3.23	19.47	1.08
1.400	0.66	7.433	1.31	13.467	3.23	19.50	1.08
1.433	0.66	7.467	1.31	13.500	3.23	19.53	1.08
1.467	0.66	7.500	1.31	13.533	3.23	19.57	1.08
1.500	0.66	7.533	1.31	13.567	3.23	19.60	1.08
1.533	0.66	7.567	1.31	13.600	2.87	19.63	1.08
1.567	0.66	7.600	1.31	13.633	2.51	19.67	1.08
1.600	0.66	7.633	1.31	13.667	2.51	19.70	1.08
1.633	0.66	7.667	1.31	13.700	2.51	19.73	1.08
1.667	0.66	7.700	1.31	13.733	2.51	19.77	1.08
1.700	0.66	7.733	1.31	13.767	2.51	19.80	1.08
1.733	0.66	7.767	1.31	13.800	2.51	19.83	1.08
1.767	0.66	7.800	1.31	13.833	2.51	19.87	1.08
1.800	0.66	7.833	1.31	13.867	2.51	19.90	1.08
1.833	0.66	7.867	1.31	13.900	2.51	19.93	1.08
1.867	0.66	7.900	1.31	13.933	2.51	19.97	1.08
1.900	0.66	7.933	1.31	13.967	2.51	20.00	1.08
1.933	0.66	7.967	1.31	14.000	2.51	20.03	1.08
1.967	0.66	8.000	1.31	14.033	2.51	20.07	1.08
2.000	0.66	8.033	1.31	14.067	2.51	20.10	0.90
2.033	0.66	8.067	1.31	14.100	2.15	20.13	0.72
2.067	0.66	8.100	1.43	14.133	1.79	20.17	0.72
2.100	0.72	8.133	1.55	14.167	1.79	20.20	0.72
2.133	0.78	8.167	1.55	14.200	1.79	20.23	0.72
2.167	0.78	8.200	1.55	14.233	1.79	20.27	0.72
2.200	0.78	8.233	1.55	14.267	1.79	20.30	0.72
2.233	0.78	8.267	1.55	14.300	1.79	20.33	0.72
2.267	0.78	8.300	1.55	14.333	1.79	20.37	0.72
2.300	0.78	8.333	1.55	14.367	1.79	20.40	0.72
2.333	0.78	8.367	1.55	14.400	1.79	20.43	0.72
2.367	0.78	8.400	1.55	14.433	1.79	20.47	0.72
2.400	0.78	8.433	1.55	14.467	1.79	20.50	0.72
2.433	0.78	8.467	1.55	14.500	1.79	20.53	0.72
2.467	0.78	8.500	1.55	14.533	1.79	20.57	0.72
2.500	0.78	8.533	1.55	14.567	1.79	20.60	0.72
2.533	0.78	8.567	1.55	14.600	1.79	20.63	0.72
2.567	0.78	8.600	1.61	14.633	1.79	20.67	0.72
2.600	0.78	8.633	1.67	14.667	1.79	20.70	0.72
2.633	0.78	8.667	1.67	14.700	1.79	20.73	0.72
2.667	0.78	8.700	1.67	14.733	1.79	20.77	0.72
2.700	0.78	8.733	1.67	14.767	1.79	20.80	0.72
2.733	0.78	8.767	1.67	14.800	1.79	20.83	0.72
2.767	0.78	8.800	1.67	14.833	1.79	20.87	0.72
2.800	0.78	8.833	1.67	14.867	1.79	20.90	0.72
2.833	0.78	8.867	1.67	14.900	1.79	20.93	0.72
2.867	0.78	8.900	1.67	14.933	1.79	20.97	0.72
2.900	0.78	8.933	1.67	14.967	1.79	21.00	0.72
2.933	0.78	8.967	1.67	15.000	1.79	21.03	0.72
2.967	0.78	9.000	1.67	15.033	1.79	21.07	0.72
3.000	0.78	9.033	1.67	15.067	1.79	21.10	0.72
3.033	0.78	9.067	1.67	15.100	1.79	21.13	0.72
3.067	0.78	9.100	1.79	15.133	1.79	21.17	0.72
3.100	0.78	9.133	1.91	15.167	1.79	21.20	0.72
3.133	0.78	9.167	1.91	15.200	1.79	21.23	0.72
3.167	0.78	9.200	1.91	15.233	1.79	21.27	0.72
3.200	0.78	9.233	1.91	15.267	1.79	21.30	0.72
3.233	0.78	9.267	1.91	15.300	1.79	21.33	0.72
3.267	0.78	9.300	1.91	15.333	1.79	21.37	0.72
3.300	0.78	9.333	1.91	15.367	1.79	21.40	0.72
3.333	0.78	9.367	1.91	15.400	1.79	21.43	0.72
3.367	0.78	9.400	1.91	15.433	1.79	21.47	0.72
3.400	0.78	9.433	1.91	15.467	1.79	21.50	0.72
3.433	0.78	9.467	1.91	15.500	1.79	21.53	0.72
3.467	0.78	9.500	1.91	15.533	1.79	21.57	0.72
3.500	0.78	9.533	1.91	15.567	1.79	21.60	0.72
3.533	0.78	9.567	1.91	15.600	1.79	21.63	0.72
3.567	0.78	9.600	2.03	15.633	1.79	21.67	0.72
3.600	0.78	9.633	2.15	15.667	1.79	21.70	0.72
3.633	0.78	9.667	2.15	15.700	1.79	21.73	0.72
3.667	0.78	9.700	2.15	15.733	1.79	21.77	0.72
3.700	0.78	9.733	2.15	15.767	1.79	21.80	0.72
3.733	0.78	9.767	2.15	15.800	1.79	21.83	0.72
3.767	0.78	9.800	2.15	15.833	1.79	21.87	0.72
3.800	0.78	9.833	2.15	15.867	1.79	21.90	0.72
3.833	0.78	9.867	2.15	15.900	1.79	21.93	0.72
3.867	0.78	9.900	2.15	15.933	1.79	21.97	0.72
3.900	0.78	9.933	2.15	15.967	1.79	22.00	0.72
3.933	0.78	9.967	2.15	16.000	1.79	22.03	0.72
3.967	0.78	10.000	2.15	16.033	1.79	22.07	0.72
4.000	0.78	10.033	2.15	16.067	1.79	22.10	0.72
4.033	0.78	10.067	2.15	16.100	1.43	22.13	0.72
4.067	0.78	10.100	2.45	16.133	1.08	22.17	0.72
4.100	0.87	10.133	2.75	16.167	1.08	22.20	0.72
4.133	0.96	10.167	2.75	16.200	1.08	22.23	0.72
4.167	0.96	10.200	2.75	16.233	1.08	22.27	0.72
4.200	0.96	10.233	2.75	16.267	1.08	22.30	0.72
4.233	0.96	10.267	2.75	16.300	1.08	22.33	0.72
4.267	0.96	10.300	2.75	16.333	1.08	22.37	0.72
4.300	0.96	10.333	2.75	16.367	1.08	22.40	0.72
4.333	0.96	10.367	2.75	16.400	1.08	22.43	0.72
4.367	0.96	10.400	2.75	16.433	1.08	22.47	0.72
4.400	0.96	10.433	2.75	16.467	1.08	22.50	0.72
4.433	0.96	10.467	2.75	16.500	1.08	22.53	0.72
4.467	0.96	10.500	2.75	16.533	1.08	22.57	0.72
4.500	0.96	10.533	2.75	16.567	1.08	22.60	0.72
4.533	0.96	10.567	2.75	16.600	1.08	22.63	0.72
4.567	0.96	10.600	3.23	16.633	1.08	22.67	0.72
4.600	0.96	10.633	3.71	16.667	1.08	22.70	0.72
4.633	0.96	10.667	3.71	16.700	1.08	22.73	0.72
4.667	0.96	10.700	3.71	16.733	1.08	22.77	0.72
4.700	0.96	10.733	3.71	16.767	1.08	22.80	0.72
4.733	0.96	10.767	3.71	16.800	1.08	22.83	0.72
4.767	0.96	10.800	3.71	16.833	1.08	22.87	0.72
4.800	0.96	10.833	3.71	16.867	1.08	22.90	0.72
4.833	0.96	10.867	3.71	16.900	1.08	22.93	0.72
4.867	0.96	10.900	3.71	16.933	1.08	22.97	0.72
4.900	0.96	10.933	3.71	16.967	1.08	23.00	0.72
4.933	0.96	10.967	3.71	17.000	1.08	23.03	0.72
4.967	0.96	11.000	3.71	17.033	1.08	23.07	0.72
5.000	0.96	11.033	3.71	17.067	1.08	23.10	0.72
5.033	0.96	11.067	3.71	17.100	1.08	23.13	0.72
5.067	0.96	11.100	4.72	17.133	1.08	23.17	0.72
5.100	0.96	11.133	5.74	17.167	1.08	23.20	0.72
5.133	0.96	11.167	5.74	17.200	1.08	23.23	0.72
5.167	0.96	11.200	5.74	17.233	1.08	23.27	0.72
5.200	0.96	11.233	5.74	17.267	1.08	23.30	0.72
5.233	0.96	11.267	5.74	17.300	1.08	23.33	0.72
5.267	0.96	11.300	5.74	17.333	1.08	23.37	0.72
5.300	0.96	11.333	5.74	17.367	1.08	23.40	0.72
5.333	0.96	11.367	5.74	17.400	1.08	23.43	0.72
5.367	0.96	11.400	5.74	17.433	1.08	23.47	0.72
5.400	0.96	11.433	5.74	17.467	1.08	23.50	0.72
5.433	0.96	11.467	5.74	17.500	1.08	23.53	0.72
5.467	0.96	11.500	5.74	17.533	1.08	23.57	0.72
5.500	0.96	11.533	5.74	17.567	1.08	23.60	0.72
5.533	0.96	11.567	5.74	17.600	1.08	23.63	0.72
5.567	0.96	11.600	11.73	17.633	1.08	23.67	0.72
5.600	0.96	11.633	17.69	17.667	1.08	23.70	0.72
5.633	0.96	11.667	17.69	17.700	1.08	23.73	0.72
5.667	0.96	11.700	17.69	17.733	1.08	23.77	0.72
5.700	0.96	11.733	17.69	17.767	1.08	23.80	0.72
5.733	0.96	11.767	17.69	17.800	1.08	23.83	0.72
5.767	0.96	11.800	17.69	17.833	1.08	23.87	0.72
5.800	0.96	11.833	17.77	17.867	1.08	23.90	0.72
5.833	0.96	11.867	73.16	17.900	1.08	23.93	0.72
5.867	0.96	11.900	73.16	17.933	1.08	23.97	0.72
5.900	0.96	11.933	73.16	17.967	1.08	24.00	0.72
5.933	0.96	11.967	73.16	18.000	1.08	24.03	0.72
5.967	0.96	12.000	73.16	18.033	1.08	24.07	0.72
6.000	0.96	12.033	73.16	18.067	1.08	24.10	0.36
6.033	0.96	12.067	73.16	18.100	1.08		

Unit Hyd Qpeak (cms)= 0.565

PEAK FLOW (cms)= 0.187 (i)
TIME TO PEAK (hrs)= 12.233
RUNOFF VOLUME (mm)= 23.320
TOTAL RAINFALL (mm)= 59.770
RUNOFF COEFFICIENT = 0.390

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0106)	Area	(ha)=	0.36	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)=	3.00
	U.H. Tp(hrs)=		0.14		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	0.96	12.100	40.79	18.13	1.08
0.067	0.00	6.100	1.02	12.133	8.61	18.17	1.08
0.100	0.33	6.133	1.08	12.167	8.61	18.20	1.08
0.133	0.66	6.167	1.08	12.200	8.61	18.23	1.08
0.167	0.66	6.200	1.08	12.233	8.61	18.27	1.08
0.200	0.66	6.233	1.08	12.267	8.61	18.30	1.08
0.233	0.66	6.267	1.08	12.300	8.61	18.33	1.08
0.267	0.66	6.300	1.08	12.333	8.61	18.37	1.08
0.300	0.66	6.333	1.08	12.367	8.61	18.40	1.08
0.333	0.66	6.367	1.08	12.400	8.61	18.43	1.08
0.367	0.66	6.400	1.08	12.433	8.61	18.47	1.08
0.400	0.66	6.433	1.08	12.467	8.61	18.50	1.08
0.433	0.66	6.467	1.08	12.500	8.61	18.53	1.08
0.467	0.66	6.500	1.08	12.533	8.61	18.57	1.08
0.500	0.66	6.533	1.08	12.567	8.61	18.60	1.08
0.533	0.66	6.567	1.08	12.600	6.51	18.63	1.08
0.567	0.66	6.600	1.08	12.633	4.42	18.67	1.08
0.600	0.66	6.633	1.08	12.667	4.42	18.70	1.08
0.633	0.66	6.667	1.08	12.700	4.42	18.73	1.08
0.667	0.66	6.700	1.08	12.733	4.42	18.77	1.08
0.700	0.66	6.733	1.08	12.767	4.42	18.80	1.08
0.733	0.66	6.767	1.08	12.800	4.42	18.83	1.08

2-yr 24hr SCS Type II

0.767	0.66	6.800	1.08	12.833	4.42	18.87	1.08
0.800	0.66	6.833	1.08	12.867	4.42	18.90	1.08
0.833	0.66	6.867	1.08	12.900	4.42	18.93	1.08
0.867	0.66	6.900	1.08	12.933	4.42	18.97	1.08
0.900	0.66	6.933	1.08	12.967	4.42	19.00	1.08
0.933	0.66	6.967	1.08	13.000	4.42	19.03	1.08
0.967	0.66	7.000	1.08	13.033	4.42	19.07	1.08
1.000	0.66	7.033	1.08	13.067	4.42	19.10	1.08
1.033	0.66	7.067	1.08	13.100	3.82	19.13	1.08
1.067	0.66	7.100	1.08	13.133	3.23	19.17	1.08
1.100	0.66	7.133	1.31	13.167	3.23	19.20	1.08
1.133	0.66	7.167	1.31	13.200	3.23	19.23	1.08
1.167	0.66	7.200	1.31	13.233	3.23	19.27	1.08
1.200	0.66	7.233	1.31	13.267	3.23	19.30	1.08
1.233	0.66	7.267	1.31	13.300	3.23	19.33	1.08
1.267	0.66	7.300	1.31	13.333	3.23	19.37	1.08
1.300	0.66	7.333	1.31	13.367	3.23	19.40	1.08
1.333	0.66	7.367	1.31	13.400	3.23	19.43	1.08
1.367	0.66	7.400	1.31	13.433	3.23	19.47	1.08
1.400	0.66	7.433	1.31	13.467	3.23	19.50	1.08
1.433	0.66	7.467	1.31	13.500	3.23	19.53	1.08
1.467	0.66	7.500	1.31	13.533	3.23	19.57	1.08
1.500	0.66	7.533	1.31	13.567	3.23	19.60	1.08
1.533	0.66	7.567	1.31	13.600	2.87	19.63	1.08
1.567	0.66	7.600	1.31	13.633	2.51	19.67	1.08
1.600	0.66	7.633	1.31	13.667	2.51	19.70	1.08
1.633	0.66	7.667	1.31	13.700	2.51	19.73	1.08
1.667	0.66	7.700	1.31	13.733	2.51	19.77	1.08
1.700	0.66	7.733	1.31	13.767	2.51	19.80	1.08
1.733	0.66	7.767	1.31	13.800	2.51	19.83	1.08
1.767	0.66	7.800	1.31	13.833	2.51	19.87	1.08
1.800	0.66	7.833	1.31	13.867	2.51	19.90	1.08
1.833	0.66	7.867	1.31	13.900	2.51	19.93	1.08
1.867	0.66	7.900	1.31	13.933	2.51	19.97	1.08
1.900	0.66	7.933	1.31	13.967	2.51	20.00	1.08
1.933	0.66	7.967	1.31	14.000	2.51	20.03	1.08
1.967	0.66	8.000	1.31	14.033	2.51	20.07	1.08
2.000	0.66	8.033	1.31	14.067	2.51	20.10	0.90
2.033	0.66	8.067	1.31	14.100	2.15	20.13	0.72
2.067	0.66	8.100	1.43	14.133	1.79	20.17	0.72
2.100	0.72	8.133	1.55	14.167	1.79	20.20	0.72
2.133	0.78	8.167	1.55	14.200	1.79	20.23	0.72
2.167	0.78	8.200	1.55	14.233	1.79	20.27	0.72
2.200	0.78	8.233	1.55	14.267	1.79	20.30	0.72
2.233	0.78	8.267	1.55	14.300	1.79	20.33	0.72
2.267	0.78	8.300	1.55	14.333	1.79	20.37	0.72
2.300	0.78	8.333	1.55	14.367	1.79	20.40	0.72
2.333	0.78	8.367	1.55	14.400	1.79	20.43	0.72
2.367	0.78	8.400	1.55	14.433	1.79	20.47	0.72
2.400	0.78	8.433	1.55	14.467	1.79	20.50	0.72
2.433	0.78	8.467	1.55	14.500	1.79	20.53	0.72
2.467	0.78	8.500	1.55	14.533	1.79	20.57	0.72
2.500	0.78	8.533	1.55	14.567	1.79	20.60	0.72
2.533	0.78	8.567	1.55	14.600	1.79	20.63	0.72
2.567	0.78	8.600	1.61	14.633	1.79	20.67	0.72
2.600	0.78	8.633	1.67	14.667	1.79	20.70	0.72
2.633	0.78	8.667	1.67	14.700	1.79	20.73	0.72
2.667	0.78	8.700	1.67	14.733	1.79	20.77	0.72
2.700	0.78	8.733	1.67	14.767	1.79	20.80	0.72
2.733	0.78	8.767	1.67	14.800	1.79	20.83	0.72
2.767	0.78	8.800	1.67	14.833	1.79	20.87	0.72
2.800	0.78	8.833	1.67	14.867	1.79	20.90	0.72
2.833	0.78	8.867	1.67	14.900	1.79	20.93	0.72
2.867	0.78	8.900	1.67	14.933	1.79	20.97	0.72
2.900	0.78	8.933	1.67	14.967	1.79	21.00	0.72
2.933	0.78	8.967	1.67	15.000	1.79	21.03	0.72
2.967	0.78	9.000	1.67	15.033	1.79	21.07	0.72
3.000	0.78	9.033	1.67	15.067	1.79	21.10	0.72
3.033	0.78	9.067	1.67	15.100	1.79	21.13	0.72
3.067	0.78	9.100	1.79	15.133	1.79	21.17	0.72
3.100	0.78	9.133	1.91	15.167	1.79	21.20	0.72
3.133	0.78	9.167	1.91	15.200	1.79	21.23	0.72
3.167	0.78	9.200	1.91	15.233	1.79	21.27	0.72
3.200	0.78	9.233	1.91	15.267	1.79	21.30	0.72
3.233	0.78	9.267	1.91	15.300	1.79	21.33	0.72
3.267	0.78	9.300	1.91	15.333	1.79	21.37	0.72
3.300	0.78	9.333	1.91	15.367	1.79	21.40	0.72
3.333	0.78	9.367	1.91	15.400	1.79	21.43	0.72
3.367	0.78	9.400	1.91	15.433	1.79	21.47	0.72
3.400	0.78	9.433	1.91	15.467	1.79	21.50	0.72
3.433	0.78	9.467	1.91	15.500	1.79	21.53	0.72
3.467	0.78	9.500	1.91	15.533	1.79	21.57	0.72
3.500	0.78	9.533	1.91	15.567	1.79	21.60	0.72
3.533	0.78	9.567	1.91	15.600	1.79	21.63	0.72
3.567	0.78	9.600	2.03	15.633	1.79	21.67	0.72
3.600	0.78	9.633	2.15	15.667	1.79	21.70	0.72
3.633	0.78	9.667	2.15	15.700	1.79	21.73	0.72
3.667	0.78	9.700	2.15	15.733	1.79	21.77	0.72
3.700	0.78	9.733	2.15	15.767	1.79	21.80	0.72
3.733	0.78	9.767	2.15	15.800	1.79	21.83	0.72
3.767	0.78	9.800	2.15	15.833	1.79	21.87	0.72
3.800	0.78	9.833	2.15	15.867	1.79	21.90	0.72
3.833	0.78	9.867	2.15	15.900	1.79	21.93	0.72
3.867	0.78	9.900	2.15	15.933	1.79	21.97	0.72
3.900	0.78	9.933	2.15	15.967	1.79	22.00	0.72
3.933	0.78	9.967	2.15	16.000	1.79	22.03	0.72
3.967	0.78	10.000	2.15	16.033	1.79	22.07	0.72
4.000	0.78	10.033	2.15	16.067	1.79	22.10	0.72
4.033	0.78	10.067	2.15	16.100	1.43	22.13	0.72
4.067	0.78	10.100	2.45	16.133	1.08	22.17	0.72
4.100	0.87	10.133	2.75	16.167	1.08	22.20	0.72
4.133	0.96	10.167	2.75	16.200	1.08	22.23	0.72
4.167	0.96	10.200	2.75	16.233	1.08	22.27	0.72
4.200	0.96	10.233	2.75	16.267	1.08	22.30	0.72
4.233	0.96	10.267	2.75	16.300	1.08	22.33	0.72
4.267	0.96	10.300	2.75	16.333	1.08	22.37	0.72
4.300	0.96	10.333	2.75	16.367	1.08	22.40	0.72
4.333	0.96	10.367	2.75	16.400	1.08	22.43	0.72
4.367	0.96	10.400	2.75	16.433	1.08	22.47	0.72
4.400	0.96	10.433	2.75	16.467	1.08	22.50	0.72
4.433	0.96	10.467	2.75	16.500	1.08	22.53	0.72
4.467	0.96	10.500	2.75	16.533	1.08	22.57	0.72
4.500	0.96	10.533	2.75	16.567	1.08	22.60	0.72
4.533	0.96	10.567	2.75	16.600	1.08	22.63	0.72
4.567	0.96	10.600	3.23	16.633	1.08	22.67	0.72
4.600	0.96	10.633	3.71	16.667	1.08	22.70	0.72
4.633	0.96	10.667	3.71	16.700	1.08	22.73	0.72
4.667	0.96	10.700	3.71	16.733	1.08	22.77	0.72
4.700	0.96	10.733	3.71	16.767	1.08	22.80	0.72
4.733	0.96	10.767	3.71	16.800	1.08	22.83	0.72
4.767	0.96	10.800	3.71	16.833	1.08	22.87	0.72
4.800	0.96	10.833	3.71	16.867	1.08	22.90	0.72
4.833	0.96	10.867	3.71	16.900	1.08	22.93	0.72
4.867	0.96	10.900	3.71	16.933	1.08	22.97	0.72
4.900	0.96	10.933	3.71	16.967	1.08	23.00	0.72
4.933	0.96	10.967	3.71	17.000	1.08	23.03	0.72
4.967	0.96	11.000	3.71	17.033	1.08	23.07	0.72
5.000	0.96	11.033	3.71	17.067	1.08	23.10	0.72
5.033	0.96	11.067	3.71	17.100	1.08	23.13	0.72
5.067	0.96	11.100	4.72	17.133	1.08	23.17	0.72
5.100	0.96	11.133	5.74	17.167	1.08	23.20	0.72
5.133	0.96	11.167	5.74	17.200	1.08	23.23	0.72
5.167	0.96	11.200	5.74	17.233	1.08	23.27	0.72
5.200	0.96	11.233	5.74	17.267	1.08	23.30	0.72
5.233	0.96	11.267	5.74	17.300	1.08	23.33	0.72
5.267	0.96	11.300	5.74	17.333	1.08	23.37	0.72
5.300	0.96	11.333	5.74	17.367	1.08	23.40	0.72
5.333	0.96	11.367	5.74	17.400	1.08	23.43	0.72
5.367	0.96	11.400	5.74	17.433	1.08	23.47	0.72
5.400	0.96	11.433	5.74	17.467	1.08	23.50	0.72
5.433	0.96	11.467	5.74	17.500	1.08	23.53	0.72
5.467	0.96	11.500	5.74	17.533	1.08	23.57	0.72
5.500	0.96	11.533	5.74	17.567	1.08	23.60	0.72
5.533	0.96	11.567	5.74	17.600	1.08	23.63	0.72
5.567	0.96	11.600	11.73	17.633	1.08	23.67	0.72
5.600	0.96	11.633	17.69	17.667	1.08	23.70	0.72
5.633	0.96	11.667	17.69	17.700	1.08	23.73	0.72
5.667	0.96	11.700	17.69	17.733	1.08	23.77	0.72
5.700	0.96	11.733	17.69	17.767	1.08	23.80	0.72
5.733	0.96	11.767	17.69	17.800	1.08	23.83	0.72
5.767	0.96	11.800	17.69	17.833	1.08	23.87	0.72
5.800	0.96	11.833	17.77	17.867	1.08	23.90	0.72
5.833	0.96	11.867	73.16	17.900	1.08	23.93	0.72
5.867	0.96	11.900	73.16	17.933	1.08	23.97	0.72
5.900	0.96	11.933	73.16	17.967	1.08	24.00	0.72
5.933	0.96	11.967	73.16	18.000	1.08	24.03	0.72
5.967	0.96	12.000	73.16	18.033	1.08	24.07	0.72
6.000	0.96	12.033	73.16	18.067	1.08	24.10	0.36
6.033	0.96	12.067	73.16	18.100	1.08		

Unit Hyd Qpeak (cms)= 0.098

PEAK FLOW (cms)= 0.026 (i)
TIME TO PEAK (hrs)= 12.133
RUNOFF VOLUME (mm)= 23.315
TOTAL RAINFALL (mm)= 59.770
RUNOFF COEFFICIENT = 0.390

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB	
STANDHYD (0104)	Area (ha)= 0.95
ID= 1 DT= 1.0 min	Total Imp(%)= 53.00 Dir. Conn.(%)= 26.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.50	0.45
Dep. Storage	(mm)=	1.00	6.75
Average Slope	(%)=	1.00	2.00
Length	(m)=	50.00	40.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.050	0.96	12.083	73.16	18.12	1.08
0.033	0.00	6.067	0.96	12.100	8.66	18.13	1.08
0.050	0.00	6.083	0.96	12.117	8.61	18.15	1.08
0.067	0.00	6.100	1.08	12.133	8.61	18.17	1.08
0.083	0.00	6.117	1.08	12.150	8.61	18.18	1.08
0.100	0.66	6.133	1.08	12.167	8.61	18.20	1.08
0.117	0.66	6.150	1.08	12.183	8.61	18.22	1.08
0.133	0.66	6.167	1.08	12.200	8.61	18.23	1.08
0.150	0.66	6.183	1.08	12.217	8.61	18.25	1.08
0.167	0.66	6.200	1.08	12.233	8.61	18.27	1.08
0.183	0.66	6.217	1.08	12.250	8.61	18.28	1.08
0.200	0.66	6.233	1.08	12.267	8.61	18.30	1.08
0.217	0.66	6.250	1.08	12.283	8.61	18.32	1.08
0.233	0.66	6.267	1.08	12.300	8.61	18.33	1.08
0.250	0.66	6.283	1.08	12.317	8.61	18.35	1.08
0.267	0.66	6.300	1.08	12.333	8.61	18.37	1.08
0.283	0.66	6.317	1.08	12.350	8.61	18.38	1.08
0.300	0.66	6.333	1.08	12.367	8.61	18.40	1.08
0.317	0.66	6.350	1.08	12.383	8.61	18.42	1.08
0.333	0.66	6.367	1.08	12.400	8.61	18.43	1.08
0.350	0.66	6.383	1.08	12.417	8.61	18.45	1.08
0.367	0.66	6.400	1.08	12.433	8.61	18.47	1.08
0.383	0.66	6.417	1.08	12.450	8.61	18.48	1.08
0.400	0.66	6.433	1.08	12.467	8.61	18.50	1.08
0.417	0.66	6.450	1.08	12.483	8.61	18.52	1.08
0.433	0.66	6.467	1.08	12.500	8.61	18.53	1.08
0.450	0.66	6.483	1.08	12.517	8.61	18.55	1.08
0.467	0.66	6.500	1.08	12.533	8.61	18.57	1.08
0.483	0.66	6.517	1.08	12.550	8.61	18.58	1.08
0.500	0.66	6.533	1.08	12.567	8.61	18.60	1.08
0.517	0.66	6.550	1.08	12.583	8.61	18.62	1.08
0.533	0.66	6.567	1.08	12.600	4.43	18.63	1.08
0.550	0.66	6.583	1.08	12.617	4.42	18.65	1.08
0.567	0.66	6.600	1.08	12.633	4.42	18.67	1.08
0.583	0.66	6.617	1.08	12.650	4.42	18.68	1.08
0.600	0.66	6.633	1.08	12.667	4.42	18.70	1.08
0.617	0.66	6.650	1.08	12.683	4.42	18.72	1.08
0.633	0.66	6.667	1.08	12.700	4.42	18.73	1.08
0.650	0.66	6.683	1.08	12.717	4.42	18.75	1.08
0.667	0.66	6.700	1.08	12.733	4.42	18.77	1.08
0.683	0.66	6.717	1.08	12.750	4.42	18.78	1.08
0.700	0.66	6.733	1.08	12.767	4.42	18.80	1.08
0.717	0.66	6.750	1.08	12.783	4.42	18.82	1.08
0.733	0.66	6.767	1.08	12.800	4.42	18.83	1.08
0.750	0.66	6.783	1.08	12.817	4.42	18.85	1.08
0.767	0.66	6.800	1.08	12.833	4.42	18.87	1.08
0.783	0.66	6.817	1.08	12.850	4.42	18.88	1.08
0.800	0.66	6.833	1.08	12.867	4.42	18.90	1.08
0.817	0.66	6.850	1.08	12.883	4.42	18.92	1.08
0.833	0.66	6.867	1.08	12.900	4.42	18.93	1.08
0.850	0.66	6.883	1.08	12.917	4.42	18.95	1.08
0.867	0.66	6.900	1.08	12.933	4.42	18.97	1.08
0.883	0.66	6.917	1.08	12.950	4.42	18.98	1.08
0.900	0.66	6.933	1.08	12.967	4.42	19.00	1.08
0.917	0.66	6.950	1.08	12.983	4.42	19.02	1.08
0.933	0.66	6.967	1.08	13.000	4.42	19.03	1.08
0.950	0.66	6.983	1.08	13.017	4.42	19.05	1.08
0.967	0.66	7.000	1.08	13.033	4.42	19.07	1.08
0.983	0.66	7.017	1.08	13.050	4.42	19.08	1.08
1.000	0.66	7.033	1.08	13.067	4.42	19.10	1.08
1.017	0.66	7.050	1.08	13.083	4.42	19.12	1.08
1.033	0.66	7.067	1.08	13.100	3.23	19.13	1.08
1.050	0.66	7.083	1.08	13.117	3.23	19.15	1.08
1.067	0.66	7.100	1.31	13.133	3.23	19.17	1.08
1.083	0.66	7.117	1.31	13.150	3.23	19.18	1.08
1.100	0.66	7.133	1.31	13.167	3.23	19.20	1.08
1.117	0.66	7.150	1.31	13.183	3.23	19.22	1.08
1.133	0.66	7.167	1.31	13.200	3.23	19.23	1.08
1.150	0.66	7.183	1.31	13.217	3.23	19.25	1.08
1.167	0.66	7.200	1.31	13.233	3.23	19.27	1.08
1.183	0.66	7.217	1.31	13.250	3.23	19.28	1.08
1.200	0.66	7.233	1.31	13.267	3.23	19.30	1.08
1.217	0.66	7.250	1.31	13.283	3.23	19.32	1.08
1.233	0.66	7.267	1.31	13.300	3.23	19.33	1.08
1.250	0.66	7.283	1.31	13.317	3.23	19.35	1.08
1.267	0.66	7.300	1.31	13.333	3.23	19.37	1.08
1.283	0.66	7.317	1.31	13.350	3.23	19.38	1.08
1.300	0.66	7.333	1.31	13.367	3.23	19.40	1.08
1.317	0.66	7.350	1.31	13.383	3.23	19.42	1.08
1.333	0.66	7.367	1.31	13.400	3.23	19.43	1.08
1.350	0.66	7.383	1.31	13.417	3.23	19.45	1.08
1.367	0.66	7.400	1.31	13.433	3.23	19.47	1.08
1.383	0.66	7.417	1.31	13.450	3.23	19.48	1.08
1.400	0.66	7.433	1.31	13.467	3.23	19.50	1.08
1.417	0.66	7.450	1.31	13.483	3.23	19.52	1.08
1.433	0.66	7.467	1.31	13.500	3.23	19.53	1.08
1.450	0.66	7.483	1.31	13.517	3.23	19.55	1.08
1.467	0.66	7.500	1.31	13.533	3.23	19.57	1.08
1.483	0.66	7.517	1.31	13.550	3.23	19.58	1.08
1.500	0.66	7.533	1.31	13.567	3.23	19.60	1.08
1.517	0.66	7.550	1.31	13.583	3.23	19.62	1.08
1.533	0.66	7.567	1.31	13.600	2.51	19.63	1.08
1.550	0.66	7.583	1.31	13.617	2.51	19.65	1.08
1.567	0.66	7.600	1.31	13.633	2.51	19.67	1.08
1.583	0.66	7.617	1.31	13.650	2.51	19.68	1.08
1.600	0.66	7.633	1.31	13.667	2.51	19.70	1.08
1.617	0.66	7.650	1.31	13.683	2.51	19.72	1.08

2-yr 24hr SCS Type II

1.633	0.66	7.667	1.31	13.700	2.51	19.73	1.08
1.650	0.66	7.683	1.31	13.717	2.51	19.75	1.08
1.667	0.66	7.700	1.31	13.733	2.51	19.77	1.08
1.683	0.66	7.717	1.31	13.750	2.51	19.78	1.08
1.700	0.66	7.733	1.31	13.767	2.51	19.80	1.08
1.717	0.66	7.750	1.31	13.783	2.51	19.82	1.08
1.733	0.66	7.767	1.31	13.800	2.51	19.83	1.08
1.750	0.66	7.783	1.31	13.817	2.51	19.85	1.08
1.767	0.66	7.800	1.31	13.833	2.51	19.87	1.08
1.783	0.66	7.817	1.31	13.850	2.51	19.88	1.08
1.800	0.66	7.833	1.31	13.867	2.51	19.90	1.08
1.817	0.66	7.850	1.31	13.883	2.51	19.92	1.08
1.833	0.66	7.867	1.31	13.900	2.51	19.93	1.08
1.850	0.66	7.883	1.31	13.917	2.51	19.95	1.08
1.867	0.66	7.900	1.31	13.933	2.51	19.97	1.08
1.883	0.66	7.917	1.31	13.950	2.51	19.98	1.08
1.900	0.66	7.933	1.31	13.967	2.51	20.00	1.08
1.917	0.66	7.950	1.31	13.983	2.51	20.02	1.08
1.933	0.66	7.967	1.31	14.000	2.51	20.03	1.08
1.950	0.66	7.983	1.31	14.017	2.51	20.05	1.08
1.967	0.66	8.000	1.31	14.033	2.51	20.07	1.08
1.983	0.66	8.017	1.31	14.050	2.51	20.08	1.08
2.000	0.66	8.033	1.31	14.067	2.51	20.10	0.72
2.017	0.66	8.050	1.31	14.083	2.51	20.12	0.72
2.033	0.66	8.067	1.31	14.100	1.79	20.13	0.72
2.050	0.66	8.083	1.32	14.117	1.79	20.15	0.72
2.067	0.66	8.100	1.55	14.133	1.79	20.17	0.72
2.083	0.66	8.117	1.55	14.150	1.79	20.18	0.72
2.100	0.78	8.133	1.55	14.167	1.79	20.20	0.72
2.117	0.78	8.150	1.55	14.183	1.79	20.22	0.72
2.133	0.78	8.167	1.55	14.200	1.79	20.23	0.72
2.150	0.78	8.183	1.55	14.217	1.79	20.25	0.72
2.167	0.78	8.200	1.55	14.233	1.79	20.27	0.72
2.183	0.78	8.217	1.55	14.250	1.79	20.28	0.72
2.200	0.78	8.233	1.55	14.267	1.79	20.30	0.72
2.217	0.78	8.250	1.55	14.283	1.79	20.32	0.72
2.233	0.78	8.267	1.55	14.300	1.79	20.33	0.72
2.250	0.78	8.283	1.55	14.317	1.79	20.35	0.72
2.267	0.78	8.300	1.55	14.333	1.79	20.37	0.72
2.283	0.78	8.317	1.55	14.350	1.79	20.38	0.72
2.300	0.78	8.333	1.55	14.367	1.79	20.40	0.72
2.317	0.78	8.350	1.55	14.383	1.79	20.42	0.72
2.333	0.78	8.367	1.55	14.400	1.79	20.43	0.72
2.350	0.78	8.383	1.55	14.417	1.79	20.45	0.72
2.367	0.78	8.400	1.55	14.433	1.79	20.47	0.72
2.383	0.78	8.417	1.55	14.450	1.79	20.48	0.72
2.400	0.78	8.433	1.55	14.467	1.79	20.50	0.72
2.417	0.78	8.450	1.55	14.483	1.79	20.52	0.72
2.433	0.78	8.467	1.55	14.500	1.79	20.53	0.72
2.450	0.78	8.483	1.55	14.517	1.79	20.55	0.72
2.467	0.78	8.500	1.55	14.533	1.79	20.57	0.72
2.483	0.78	8.517	1.55	14.550	1.79	20.58	0.72
2.500	0.78	8.533	1.55	14.567	1.79	20.60	0.72
2.517	0.78	8.550	1.55	14.583	1.79	20.62	0.72
2.533	0.78	8.567	1.55	14.600	1.79	20.63	0.72
2.550	0.78	8.583	1.55	14.617	1.79	20.65	0.72
2.567	0.78	8.600	1.67	14.633	1.79	20.67	0.72
2.583	0.78	8.617	1.67	14.650	1.79	20.68	0.72
2.600	0.78	8.633	1.67	14.667	1.79	20.70	0.72
2.617	0.78	8.650	1.67	14.683	1.79	20.72	0.72
2.633	0.78	8.667	1.67	14.700	1.79	20.73	0.72
2.650	0.78	8.683	1.67	14.717	1.79	20.75	0.72
2.667	0.78	8.700	1.67	14.733	1.79	20.77	0.72
2.683	0.78	8.717	1.67	14.750	1.79	20.78	0.72
2.700	0.78	8.733	1.67	14.767	1.79	20.80	0.72
2.717	0.78	8.750	1.67	14.783	1.79	20.82	0.72
2.733	0.78	8.767	1.67	14.800	1.79	20.83	0.72
2.750	0.78	8.783	1.67	14.817	1.79	20.85	0.72
2.767	0.78	8.800	1.67	14.833	1.79	20.87	0.72
2.783	0.78	8.817	1.67	14.850	1.79	20.88	0.72
2.800	0.78	8.833	1.67	14.867	1.79	20.90	0.72
2.817	0.78	8.850	1.67	14.883	1.79	20.92	0.72
2.833	0.78	8.867	1.67	14.900	1.79	20.93	0.72
2.850	0.78	8.883	1.67	14.917	1.79	20.95	0.72
2.867	0.78	8.900	1.67	14.933	1.79	20.97	0.72
2.883	0.78	8.917	1.67	14.950	1.79	20.98	0.72
2.900	0.78	8.933	1.67	14.967	1.79	21.00	0.72
2.917	0.78	8.950	1.67	14.983	1.79	21.02	0.72
2.933	0.78	8.967	1.67	15.000	1.79	21.03	0.72
2.950	0.78	8.983	1.67	15.017	1.79	21.05	0.72
2.967	0.78	9.000	1.67	15.033	1.79	21.07	0.72
2.983	0.78	9.017	1.67	15.050	1.79	21.08	0.72
3.000	0.78	9.033	1.67	15.067	1.79	21.10	0.72
3.017	0.78	9.050	1.67	15.083	1.79	21.12	0.72
3.033	0.78	9.067	1.67	15.100	1.79	21.13	0.72
3.050	0.78	9.083	1.67	15.117	1.79	21.15	0.72
3.067	0.78	9.100	1.91	15.133	1.79	21.17	0.72
3.083	0.78	9.117	1.91	15.150	1.79	21.18	0.72
3.100	0.78	9.133	1.91	15.167	1.79	21.20	0.72
3.117	0.78	9.150	1.91	15.183	1.79	21.22	0.72
3.133	0.78	9.167	1.91	15.200	1.79	21.23	0.72
3.150	0.78	9.183	1.91	15.217	1.79	21.25	0.72
3.167	0.78	9.200	1.91	15.233	1.79	21.27	0.72
3.183	0.78	9.217	1.91	15.250	1.79	21.28	0.72
3.200	0.78	9.233	1.91	15.267	1.79	21.30	0.72
3.217	0.78	9.250	1.91	15.283	1.79	21.32	0.72
3.233	0.78	9.267	1.91	15.300	1.79	21.33	0.72
3.250	0.78	9.283	1.91	15.317	1.79	21.35	0.72
3.267	0.78	9.300	1.91	15.333	1.79	21.37	0.72
3.283	0.78	9.317	1.91	15.350	1.79	21.38	0.72
3.300	0.78	9.333	1.91	15.367	1.79	21.40	0.72
3.317	0.78	9.350	1.91	15.383	1.79	21.42	0.72
3.333	0.78	9.367	1.91	15.400	1.79	21.43	0.72
3.350	0.78	9.383	1.91	15.417	1.79	21.45	0.72
3.367	0.78	9.400	1.91	15.433	1.79	21.47	0.72
3.383	0.78	9.417	1.91	15.450	1.79	21.48	0.72
3.400	0.78	9.433	1.91	15.467	1.79	21.50	0.72
3.417	0.78	9.450	1.91	15.483	1.79	21.52	0.72
3.433	0.78	9.467	1.91	15.500	1.79	21.53	0.72
3.450	0.78	9.483	1.91	15.517	1.79	21.55	0.72
3.467	0.78	9.500	1.91	15.533	1.79	21.57	0.72
3.483	0.78	9.517	1.91	15.550	1.79	21.58	0.72
3.500	0.78	9.533	1.91	15.567	1.79	21.60	0.72
3.517	0.78	9.550	1.91	15.583	1.79	21.62	0.72
3.533	0.78	9.567	1.91	15.600	1.79	21.63	0.72
3.550	0.78	9.583	1.91	15.617	1.79	21.65	0.72
3.567	0.78	9.600	2.15	15.633	1.79	21.67	0.72
3.583	0.78	9.617	2.15	15.650	1.79	21.68	0.72
3.600	0.78	9.633	2.15	15.667	1.79	21.70	0.72
3.617	0.78	9.650	2.15	15.683	1.79	21.72	0.72
3.633	0.78	9.667	2.15	15.700	1.79	21.73	0.72
3.650	0.78	9.683	2.15	15.717	1.79	21.75	0.72
3.667	0.78	9.700	2.15	15.733	1.79	21.77	0.72
3.683	0.78	9.717	2.15	15.750	1.79	21.78	0.72
3.700	0.78	9.733	2.15	15.767	1.79	21.80	0.72
3.717	0.78	9.750	2.15	15.783	1.79	21.82	0.72
3.733	0.78	9.767	2.15	15.800	1.79	21.83	0.72
3.750	0.78	9.783	2.15	15.817	1.79	21.85	0.72
3.767	0.78	9.800	2.15	15.833	1.79	21.87	0.72
3.783	0.78	9.817	2.15	15.850	1.79	21.88	0.72
3.800	0.78	9.833	2.15	15.867	1.79	21.90	0.72
3.817	0.78	9.850	2.15	15.883	1.79	21.92	0.72
3.833	0.78	9.867	2.15	15.900	1.79	21.93	0.72
3.850	0.78	9.883	2.15	15.917	1.79	21.95	0.72
3.867	0.78	9.900	2.15	15.933	1.79	21.97	0.72
3.883	0.78	9.917	2.15	15.950	1.79	21.98	0.72
3.900	0.78	9.933	2.15	15.967	1.79	22.00	0.72
3.917	0.78	9.950	2.15	15.983	1.79	22.02	0.72
3.933	0.78	9.967	2.15	16.000	1.79	22.03	0.72
3.950	0.78	9.983	2.15	16.017	1.79	22.05	0.72
3.967	0.78	10.000	2.15	16.033	1.79	22.07	0.72
3.983	0.78	10.017	2.15	16.050	1.79	22.08	0.72
4.000	0.78	10.033	2.15	16.067	1.79	22.10	0.72
4.017	0.78	10.050	2.15	16.083	1.79	22.12	0.72
4.033	0.78	10.067	2.15	16.100	1.08	22.13	0.72
4.050	0.78	10.083	2.15	16.117	1.08	22.15	0.72
4.067	0.78	10.100	2.75	16.133	1.08	22.17	0.72
4.083	0.78	10.117	2.75	16.150	1.08	22.18	0.72
4.100	0.96	10.133	2.75	16.167	1.08	22.20	0.72
4.117	0.96	10.150	2.75	16.183	1.08	22.22	0.72
4.133	0.96	10.167	2.75	16.200	1.08	22.23	0.72
4.150	0.96	10.183	2.75	16.217	1.08	22.25	0.72
4.167	0.96	10.200	2.75	16.233	1.08	22.27	0.72
4.183	0.96	10.217	2.75	16.250	1.08	22.28	0.72
4.200	0.96	10.233	2.75	16.267	1.08	22.30	0.72
4.217	0.96	10.250	2.75	16.283	1.08	22.32	0.72
4.233	0.96	10.267	2.75	16.300	1.08	22.33	0.72
4.250	0.96	10.283	2.75	16.317	1.08	22.35	0.72
4.267	0.96	10.300	2.75	16.333	1.08	22.37	0.72
4.283	0.96	10.317	2.75	16.350	1.08	22.38	0.72
4.300	0.96	10.333	2.75	16.367	1.08	22.40	0.72
4.317	0.96	10.350	2.75	16.383	1.08	22.42	0.72
4.333	0.96	10.367	2.75	16.400	1.08	22.43	0.72
4.350	0.96	10.383	2.75	16.417	1.08	22.45	0.72
4.367	0.96	10.400	2.75	16.433	1.08	22.47	0.72
4.383	0.96	10.417	2.75	16.450	1.08	22.48	0.72
4.400	0.96	10.433	2.75	16.467	1.08	22.50	0.72
4.417	0.96	10.450	2.75	16.483	1.08	22.52	0.72
4.433	0.96	10.467	2.75	16.500	1.08	22.53	0.72
4.450	0.96	10.483	2.75	16.517	1.08	22.55	0.72
4.467	0.96	10.500	2.75	16.533	1.08	22.57	0.72
4.483	0.96	10.517	2.75	16.550	1.08	22.58	0.72
4.500	0.96	10.533	2.75	16.567	1.08	22.60	0.72
4.517	0.96	10.550	2.75	16.583	1.08	22.62	0.72
4.533	0.96	10.567	2.75	16.600	1.08	22.63	0.72
4.550	0.96	10.583	2.75	16.617	1.08	22.65	0.72
4.567	0.96	10.600	3.71	16.633	1.08	22.67	0.72
4.583	0.96	10.617	3.71	16.650	1.08	22.68	0.72
4.600	0.96	10.633	3.71	16.667	1.08	22.70	0.72
4.617	0.96	10.650	3.71	16.683	1.08	22.72	0.72
4.633	0.96	10.667	3.71	16.700	1.08	22.73	0.72
4.650	0.96	10.683	3.71	16.717	1.08	22.75	0.72
4.667	0.96	10.700	3.71	16.733	1.08	22.77	0.72
4.683	0.96	10.717	3.71	16.750	1.08	22.78	0.72
4.700	0.96	10.733	3.71	16.767	1.08	22.80	0.72
4.717	0.96	10.750	3.71	16.783	1.08	22.82	0.72
4.733	0.96	10.767	3.71	16.800	1.08	22.83	0.72
4.750	0.96	10.783	3.71	16.817	1.08	22.85	0.72
4.767	0.96	10.800	3.71	16.833	1.08	22.87	0.72
4.783	0.96	10.817	3.71	16.850	1.08	22.88	0.72
4.800	0.96	10.833	3.71	16.867	1.08	22.90	0.72
4.817	0.96	10.850	3.71	16.883	1.08	22.92	0.72
4.833	0.96	10.867	3.71	16.900	1.08	22.93	0.72
4.850	0.96	10.883	3.71	16.917	1.08	22.95	0.72
4.867	0.96	10.900	3.71	16.933	1.08	22.97	0.72
4.883	0.96	10.917	3.71	16.950	1.08	22.98	0.72
4.900	0.96	10.933	3.71	16.967	1.08	23.00	0.72
4.917	0.96	10.950	3.71	16.983	1.08	23.02	0.72
4.933	0.96	10.967	3.71	17.000	1.08	23.03	0.72
4.950	0.96	10.983	3.71	17.017	1.08	23.05	0.72
4.967	0.96	11.000	3.71	17.033	1.08	23.07	0.72
4.983	0.96	11.017	3.71	17.050	1.08	23.08	0.72
5.000	0.96	11.033	3.71	17.067	1.08	23.10	0.72
5.017	0.96	11.050	3.71	17.083	1.08	23.12	0.72
5.033	0.96	11.067	3.71	17.100	1.08	23.13	0.72
5.050	0.96	11.083	3.71	17.117	1.08	23.15	0.72
5.067	0.96	11.100	5.74	17.133	1.08	23.17	0.72
5.083	0.96	11.117	5.74	17.150	1.08	23.18	0.72
5.100	0.96	11.133	5.74	17.167	1.08	23.20	0.72
5.117	0.96	11.150	5.74	17.183	1.08	23.22	0.72
5.133	0.96	11.167	5.74	17.200	1.08	23.23	0.72
5.150	0.96	11.183	5.74	17.217	1.08	23.25	0.72
5.167	0.96	11.200	5.74	17.233	1.08	23.27	0.72
5.183	0.96	11.217	5.74	17.250	1.08	23.28	0.72
5.200	0.96	11.233	5.74	17.267	1.08	23.30	0.72
5.217	0.96	11.250	5.74	17.283	1.08	23.32	0.72
5.233	0.96	11.267	5.74	17.300	1.08	23.33	0.72
5.250	0.96	11.283	5.74	17.317	1.08	23.35	0.72
5.267	0.96	11.300	5.74	17.333	1.08	23.37	0.72
5.283	0.96	11.317	5.74	17.350	1.08	23.38	0.72
5.300	0.96	11.333	5.74	17.367	1.08	23.40	0.72
5.317	0.96	11.350	5.74	17.383	1.08	23.42	0.72
5.333	0.96	11.367	5.74	17.400	1.08	23.43	0.72
5.350	0.96	11.383	5.74	17.417	1.08	23.45	0.72
5.367	0.96	11.400	5.74	17.433	1.08	23.47	0.72
5.383	0.96	11.417	5.74	17.450	1.08	23.48	0.72
5.400	0.96	11.433	5.74	17.467	1.08	23.50	0.72
5.417	0.96	11.450	5.74	17.483	1.08	23.52	0.72
5.433	0.96	11.467	5.74	17.500	1.08	23.53	0.72
5.450	0.96	11.483	5.74	17.517	1.08	23.55	0.72
5.467	0.96	11.500	5.74	17.533	1.08	23.57	0.72
5.483	0.96	11.517	5.74	17.550	1.08	23.58	0.72
5.500	0.96	11.533	5.74	17.567	1.08	23.60	0.72
5.517	0.96	11.550	5.74	17.583	1.08	23.62	0.72
5.533	0.96	11.567	5.74	17.600	1.08	23.63	0.72
5.550	0.96	11.583	5.74	17.617	1.08	23.65	0.72
5.567	0.96	11.600	17.69	17.633	1.08	23.67	0.72
5.583	0.96	11.617	17.69	17.650	1.08	23.68	0.72
5.600	0.96	11.633	17.69	17.667	1.08	23.70	0.72
5.617	0.96	11.650	17.69	17.683	1.08	23.72	0.72
5.633	0.96	11.667	17.69	17.700	1.08	23.73	0.72
5.650	0.96	11.683	17.69	17.717	1.08	23.75	0.72
5.667	0.96	11.700	17.69	17.733	1.08	23.77	0.72
5.683	0.96	11.717	17.69	17.750	1.08	23.78	0.72
5.700	0.96	11.733	17.69	17.767	1.08	23.80	0.72
5.717	0.96	11.750	17.69	17.783	1.08	23.82	0.72
5.733	0.96	11.767	17.69	17.800	1.08	23.83	0.72
5.750	0.96	11.783	17.69	17.817	1.08	23.85	0.72
5.767	0.96	11.800	17.69	17.833	1.08	23.87	0.72
5.783	0.96	11.817	17.69	17.850	1.08	23.88	0.72
5.800	0.96	11.833	17.69	17.867	1.08	23.90	0.72
5.817	0.96	11.850	73.13	17.883	1.08	23.92	0.72
5.833	0.96	11.867	73.16	17.900	1.08	23.93	0.72
5.850	0.96	11.883	73.16	17.917	1.08	23.95	0.72
5.867	0.96	11.900	73.16	17.933	1.08	23.97	0.72
5.883	0.96	11.917	73.16	17.950	1.08	23.98	0.72
5.900	0.96	11.933	73.16	17.967	1.08	24.00	0.72
5.917	0.96	11.950	73.16	17.983	1.08	24.02	0.72
5.933	0.96	11.967	73.16	18.000	1.08	24.03	0.72
5.950	0.96	11.983	73.16	18.017	1.08	24.05	0.72
5.967	0.96	12.000	73.16	18.033	1.08	24.07	0.72
5.983	0.96	12.017	73.16	18.050	1.08	24.08	0.72
6.000	0.96	12.033	73.16	18.067	1.08		
6.017	0.96	12.050	73.16	18.083	1.08		
6.033	0.96	12.067	73.16	18.100	1.08		

Max.Eff.Inten.(mm/hr)=	73.16	74.17	
over (min)	5.00	10.00	
Storage Coeff. (min)=	1.91 (ii)	9.86 (ii)	
Unit Hyd. Tpeak (min)=	5.00	10.00	
Unit Hyd. peak (cms)=	0.38	0.11	
			TOTALS
PEAK FLOW (cms)=	0.05	0.06	0.108 (iii)
TIME TO PEAK (hrs)=	12.08	12.15	12.10
RUNOFF VOLUME (mm)=	58.76	31.29	38.43
TOTAL RAINFALL (mm)=	59.77	59.77	59.77
RUNOFF COEFFICIENT =	0.98	0.52	0.64

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 79.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

2-yr 24hr SCS Type II

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| CALIB            |
| NASHYD   (  0103)|   Area     (ha)=   1.47   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
--------------------   U.H. Tp(hrs)=   0.19
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NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	0.96	12.100	40.79	18.13	1.08
0.067	0.00	6.100	1.02	12.133	8.61	18.17	1.08
0.100	0.33	6.133	1.08	12.167	8.61	18.20	1.08
0.133	0.66	6.167	1.08	12.200	8.61	18.23	1.08
0.167	0.66	6.200	1.08	12.233	8.61	18.27	1.08
0.200	0.66	6.233	1.08	12.267	8.61	18.30	1.08
0.233	0.66	6.267	1.08	12.300	8.61	18.33	1.08
0.267	0.66	6.300	1.08	12.333	8.61	18.37	1.08
0.300	0.66	6.333	1.08	12.367	8.61	18.40	1.08
0.333	0.66	6.367	1.08	12.400	8.61	18.43	1.08
0.367	0.66	6.400	1.08	12.433	8.61	18.47	1.08
0.400	0.66	6.433	1.08	12.467	8.61	18.50	1.08
0.433	0.66	6.467	1.08	12.500	8.61	18.53	1.08
0.467	0.66	6.500	1.08	12.533	8.61	18.57	1.08
0.500	0.66	6.533	1.08	12.567	8.61	18.60	1.08
0.533	0.66	6.567	1.08	12.600	6.51	18.63	1.08
0.567	0.66	6.600	1.08	12.633	4.42	18.67	1.08
0.600	0.66	6.633	1.08	12.667	4.42	18.70	1.08
0.633	0.66	6.667	1.08	12.700	4.42	18.73	1.08
0.667	0.66	6.700	1.08	12.733	4.42	18.77	1.08
0.700	0.66	6.733	1.08	12.767	4.42	18.80	1.08
0.733	0.66	6.767	1.08	12.800	4.42	18.83	1.08
0.767	0.66	6.800	1.08	12.833	4.42	18.87	1.08
0.800	0.66	6.833	1.08	12.867	4.42	18.90	1.08
0.833	0.66	6.867	1.08	12.900	4.42	18.93	1.08
0.867	0.66	6.900	1.08	12.933	4.42	18.97	1.08
0.900	0.66	6.933	1.08	12.967	4.42	19.00	1.08
0.933	0.66	6.967	1.08	13.000	4.42	19.03	1.08
0.967	0.66	7.000	1.08	13.033	4.42	19.07	1.08
1.000	0.66	7.033	1.08	13.067	4.42	19.10	1.08
1.033	0.66	7.067	1.08	13.100	3.82	19.13	1.08
1.067	0.66	7.100	1.20	13.133	3.23	19.17	1.08
1.100	0.66	7.133	1.31	13.167	3.23	19.20	1.08
1.133	0.66	7.167	1.31	13.200	3.23	19.23	1.08
1.167	0.66	7.200	1.31	13.233	3.23	19.27	1.08
1.200	0.66	7.233	1.31	13.267	3.23	19.30	1.08
1.233	0.66	7.267	1.31	13.300	3.23	19.33	1.08
1.267	0.66	7.300	1.31	13.333	3.23	19.37	1.08
1.300	0.66	7.333	1.31	13.367	3.23	19.40	1.08
1.333	0.66	7.367	1.31	13.400	3.23	19.43	1.08
1.367	0.66	7.400	1.31	13.433	3.23	19.47	1.08
1.400	0.66	7.433	1.31	13.467	3.23	19.50	1.08
1.433	0.66	7.467	1.31	13.500	3.23	19.53	1.08
1.467	0.66	7.500	1.31	13.533	3.23	19.57	1.08
1.500	0.66	7.533	1.31	13.567	3.23	19.60	1.08
1.533	0.66	7.567	1.31	13.600	2.87	19.63	1.08
1.567	0.66	7.600	1.31	13.633	2.51	19.67	1.08
1.600	0.66	7.633	1.31	13.667	2.51	19.70	1.08
1.633	0.66	7.667	1.31	13.700	2.51	19.73	1.08
1.667	0.66	7.700	1.31	13.733	2.51	19.77	1.08
1.700	0.66	7.733	1.31	13.767	2.51	19.80	1.08
1.733	0.66	7.767	1.31	13.800	2.51	19.83	1.08
1.767	0.66	7.800	1.31	13.833	2.51	19.87	1.08
1.800	0.66	7.833	1.31	13.867	2.51	19.90	1.08
1.833	0.66	7.867	1.31	13.900	2.51	19.93	1.08
1.867	0.66	7.900	1.31	13.933	2.51	19.97	1.08
1.900	0.66	7.933	1.31	13.967	2.51	20.00	1.08
1.933	0.66	7.967	1.31	14.000	2.51	20.03	1.08
1.967	0.66	8.000	1.31	14.033	2.51	20.07	1.08
2.000	0.66	8.033	1.31	14.067	2.51	20.10	0.90
2.033	0.66	8.067	1.31	14.100	2.15	20.13	0.72
2.067	0.66	8.100	1.43	14.133	1.79	20.17	0.72
2.100	0.72	8.133	1.55	14.167	1.79	20.20	0.72
2.133	0.78	8.167	1.55	14.200	1.79	20.23	0.72
2.167	0.78	8.200	1.55	14.233	1.79	20.27	0.72
2.200	0.78	8.233	1.55	14.267	1.79	20.30	0.72
2.233	0.78	8.267	1.55	14.300	1.79	20.33	0.72
2.267	0.78	8.300	1.55	14.333	1.79	20.37	0.72
2.300	0.78	8.333	1.55	14.367	1.79	20.40	0.72
2.333	0.78	8.367	1.55	14.400	1.79	20.43	0.72
2.367	0.78	8.400	1.55	14.433	1.79	20.47	0.72
2.400	0.78	8.433	1.55	14.467	1.79	20.50	0.72
2.433	0.78	8.467	1.55	14.500	1.79	20.53	0.72
2.467	0.78	8.500	1.55	14.533	1.79	20.57	0.72
2.500	0.78	8.533	1.55	14.567	1.79	20.60	0.72
2.533	0.78	8.567	1.55	14.600	1.79	20.63	0.72
2.567	0.78	8.600	1.61	14.633	1.79	20.67	0.72
2.600	0.78	8.633	1.67	14.667	1.79	20.70	0.72
2.633	0.78	8.667	1.67	14.700	1.79	20.73	0.72
2.667	0.78	8.700	1.67	14.733	1.79	20.77	0.72
2.700	0.78	8.733	1.67	14.767	1.79	20.80	0.72
2.733	0.78	8.767	1.67	14.800	1.79	20.83	0.72
2.767	0.78	8.800	1.67	14.833	1.79	20.87	0.72
2.800	0.78	8.833	1.67	14.867	1.79	20.90	0.72
2.833	0.78	8.867	1.67	14.900	1.79	20.93	0.72
2.867	0.78	8.900	1.67	14.933	1.79	20.97	0.72
2.900	0.78	8.933	1.67	14.967	1.79	21.00	0.72
2.933	0.78	8.967	1.67	15.000	1.79	21.03	0.72
2.967	0.78	9.000	1.67	15.033	1.79	21.07	0.72
3.000	0.78	9.033	1.67	15.067	1.79	21.10	0.72
3.033	0.78	9.067	1.67	15.100	1.79	21.13	0.72
3.067	0.78	9.100	1.79	15.133	1.79	21.17	0.72
3.100	0.78	9.133	1.91	15.167	1.79	21.20	0.72
3.133	0.78	9.167	1.91	15.200	1.79	21.23	0.72
3.167	0.78	9.200	1.91	15.233	1.79	21.27	0.72
3.200	0.78	9.233	1.91	15.267	1.79	21.30	0.72
3.233	0.78	9.267	1.91	15.300	1.79	21.33	0.72
3.267	0.78	9.300	1.91	15.333	1.79	21.37	0.72
3.300	0.78	9.333	1.91	15.367	1.79	21.40	0.72
3.333	0.78	9.367	1.91	15.400	1.79	21.43	0.72
3.367	0.78	9.400	1.91	15.433	1.79	21.47	0.72
3.400	0.78	9.433	1.91	15.467	1.79	21.50	0.72
3.433	0.78	9.467	1.91	15.500	1.79	21.53	0.72
3.467	0.78	9.500	1.91	15.533	1.79	21.57	0.72
3.500	0.78	9.533	1.91	15.567	1.79	21.60	0.72
3.533	0.78	9.567	1.91	15.600	1.79	21.63	0.72
3.567	0.78	9.600	2.03	15.633	1.79	21.67	0.72
3.600	0.78	9.633	2.15	15.667	1.79	21.70	0.72
3.633	0.78	9.667	2.15	15.700	1.79	21.73	0.72
3.667	0.78	9.700	2.15	15.733	1.79	21.77	0.72
3.700	0.78	9.733	2.15	15.767	1.79	21.80	0.72
3.733	0.78	9.767	2.15	15.800	1.79	21.83	0.72
3.767	0.78	9.800	2.15	15.833	1.79	21.87	0.72
3.800	0.78	9.833	2.15	15.867	1.79	21.90	0.72
3.833	0.78	9.867	2.15	15.900	1.79	21.93	0.72
3.867	0.78	9.900	2.15	15.933	1.79	21.97	0.72
3.900	0.78	9.933	2.15	15.967	1.79	22.00	0.72
3.933	0.78	9.967	2.15	16.000	1.79	22.03	0.72
3.967	0.78	10.000	2.15	16.033	1.79	22.07	0.72
4.000	0.78	10.033	2.15	16.067	1.79	22.10	0.72
4.033	0.78	10.067	2.15	16.100	1.43	22.13	0.72
4.067	0.78	10.100	2.45	16.133	1.08	22.17	0.72
4.100	0.87	10.133	2.75	16.167	1.08	22.20	0.72
4.133	0.96	10.167	2.75	16.200	1.08	22.23	0.72
4.167	0.96	10.200	2.75	16.233	1.08	22.27	0.72
4.200	0.96	10.233	2.75	16.267	1.08	22.30	0.72
4.233	0.96	10.267	2.75	16.300	1.08	22.33	0.72
4.267	0.96	10.300	2.75	16.333	1.08	22.37	0.72
4.300	0.96	10.333	2.75	16.367	1.08	22.40	0.72
4.333	0.96	10.367	2.75	16.400	1.08	22.43	0.72
4.367	0.96	10.400	2.75	16.433	1.08	22.47	0.72
4.400	0.96	10.433	2.75	16.467	1.08	22.50	0.72
4.433	0.96	10.467	2.75	16.500	1.08	22.53	0.72
4.467	0.96	10.500	2.75	16.533	1.08	22.57	0.72
4.500	0.96	10.533	2.75	16.567	1.08	22.60	0.72
4.533	0.96	10.567	2.75	16.600	1.08	22.63	0.72
4.567	0.96	10.600	3.23	16.633	1.08	22.67	0.72
4.600	0.96	10.633	3.71	16.667	1.08	22.70	0.72
4.633	0.96	10.667	3.71	16.700	1.08	22.73	0.72
4.667	0.96	10.700	3.71	16.733	1.08	22.77	0.72
4.700	0.96	10.733	3.71	16.767	1.08	22.80	0.72
4.733	0.96	10.767	3.71	16.800	1.08	22.83	0.72
4.767	0.96	10.800	3.71	16.833	1.08	22.87	0.72
4.800	0.96	10.833	3.71	16.867	1.08	22.90	0.72
4.833	0.96	10.867	3.71	16.900	1.08	22.93	0.72
4.867	0.96	10.900	3.71	16.933	1.08	22.97	0.72
4.900	0.96	10.933	3.71	16.967	1.08	23.00	0.72
4.933	0.96	10.967	3.71	17.000	1.08	23.03	0.72
4.967	0.96	11.000	3.71	17.033	1.08	23.07	0.72
5.000	0.96	11.033	3.71	17.067	1.08	23.10	0.72
5.033	0.96	11.067	3.71	17.100	1.08	23.13	0.72
5.067	0.96	11.100	4.72	17.133	1.08	23.17	0.72
5.100	0.96	11.133	5.74	17.167	1.08	23.20	0.72
5.133	0.96	11.167	5.74	17.200	1.08	23.23	0.72
5.167	0.96	11.200	5.74	17.233	1.08	23.27	0.72
5.200	0.96	11.233	5.74	17.267	1.08	23.30	0.72
5.233	0.96	11.267	5.74	17.300	1.08	23.33	0.72
5.267	0.96	11.300	5.74	17.333	1.08	23.37	0.72
5.300	0.96	11.333	5.74	17.367	1.08	23.40	0.72
5.333	0.96	11.367	5.74	17.400	1.08	23.43	0.72
5.367	0.96	11.400	5.74	17.433	1.08	23.47	0.72
5.400	0.96	11.433	5.74	17.467	1.08	23.50	0.72
5.433	0.96	11.467	5.74	17.500	1.08	23.53	0.72
5.467	0.96	11.500	5.74	17.533	1.08	23.57	0.72
5.500	0.96	11.533	5.74	17.567	1.08	23.60	0.72
5.533	0.96	11.567	5.74	17.600	1.08	23.63	0.72
5.567	0.96	11.600	11.73	17.633	1.08	23.67	0.72
5.600	0.96	11.633	17.69	17.667	1.08	23.70	0.72
5.633	0.96	11.667	17.69	17.700	1.08	23.73	0.72
5.667	0.96	11.700	17.69	17.733	1.08	23.77	0.72
5.700	0.96	11.733	17.69	17.767	1.08	23.80	0.72
5.733	0.96	11.767	17.69	17.800	1.08	23.83	0.72
5.767	0.96	11.800	17.69	17.833	1.08	23.87	0.72
5.800	0.96	11.833	17.77	17.867	1.08	23.90	0.72
5.833	0.96	11.867	73.16	17.900	1.08	23.93	0.72
5.867	0.96	11.900	73.16	17.933	1.08	23.97	0.72
5.900	0.96	11.933	73.16	17.967	1.08	24.00	0.72
5.933	0.96	11.967	73.16	18.000	1.08	24.03	0.72
5.967	0.96	12.000	73.16	18.033	1.08	24.07	0.72
6.000	0.96	12.033	73.16	18.067	1.08	24.10	0.36
6.033	0.96	12.067	73.16	18.100	1.08		

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Unit Hyd Qpeak  (cms)=   0.296

PEAK FLOW       (cms)=   0.091 (i)
TIME TO PEAK    (hrs)=  12.167
RUNOFF VOLUME    (mm)=  23.319
TOTAL RAINFALL   (mm)=  59.770
RUNOFF COEFFICIENT   =   0.390
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(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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| CALIB            |
| NASHYD   (  0101)|   Area     (ha)=   3.15   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
--------------------   U.H. Tp(hrs)=   0.23
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NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	0.96	12.100	40.79	18.13	1.08
0.067	0.00	6.100	1.02	12.133	8.61	18.17	1.08
0.100	0.33	6.133	1.08	12.167	8.61	18.20	1.08
0.133	0.66	6.167	1.08	12.200	8.61	18.23	1.08
0.167	0.66	6.200	1.08	12.233	8.61	18.27	1.08
0.200	0.66	6.233	1.08	12.267	8.61	18.30	1.08
0.233	0.66	6.267	1.08	12.300	8.61	18.33	1.08
0.267	0.66	6.300	1.08	12.333	8.61	18.37	1.08
0.300	0.66	6.333	1.08	12.367	8.61	18.40	1.08
0.333	0.66	6.367	1.08	12.400	8.61	18.43	1.08
0.367	0.66	6.400	1.08	12.433	8.61	18.47	1.08
0.400	0.66	6.433	1.08	12.467	8.61	18.50	1.08
0.433	0.66	6.467	1.08	12.500	8.61	18.53	1.08
0.467	0.66	6.500	1.08	12.533	8.61	18.57	1.08
0.500	0.66	6.533	1.08	12.567	8.61	18.60	1.08
0.533	0.66	6.567	1.08	12.600	6.51	18.63	1.08
0.567	0.66	6.600	1.08	12.633	4.42	18.67	1.08
0.600	0.66	6.633	1.08	12.667	4.42	18.70	1.08
0.633	0.66	6.667	1.08	12.700	4.42	18.73	1.08
0.667	0.66	6.700	1.08	12.733	4.42	18.77	1.08
0.700	0.66	6.733	1.08	12.767	4.42	18.80	1.08
0.733	0.66	6.767	1.08	12.800	4.42	18.83	1.08
0.767	0.66	6.800	1.08	12.833	4.42	18.87	1.08
0.800	0.66	6.833	1.08	12.867	4.42	18.90	1.08
0.833	0.66	6.867	1.08	12.900	4.42	18.93	1.08
0.867	0.66	6.900	1.08	12.933	4.42	18.97	1.08
0.900	0.66	6.933	1.08	12.967	4.42	19.00	1.08
0.933	0.66	6.967	1.08	13.000	4.42	19.03	1.08
0.967	0.66	7.000	1.08	13.033	4.42	19.07	1.08
1.000	0.66	7.033	1.08	13.067	4.42	19.10	1.08
1.033	0.66	7.067	1.08	13.100	3.82	19.13	1.08
1.067	0.66	7.100	1.20	13.133	3.23	19.17	1.08
1.100	0.66	7.133	1.31	13.167	3.23	19.20	1.08
1.133	0.66	7.167	1.31	13.200	3.23	19.23	1.08
1.167	0.66	7.200	1.31	13.233	3.23	19.27	1.08
1.200	0.66	7.233	1.31	13.267	3.23	19.30	1.08
1.233	0.66	7.267	1.31	13.300	3.23	19.33	1.08
1.267	0.66	7.300	1.31	13.333	3.23	19.37	1.08
1.300	0.66	7.333	1.31	13.367	3.23	19.40	1.08
1.333	0.66	7.367	1.31	13.400	3.23	19.43	1.08
1.367	0.66	7.400	1.31	13.433	3.23	19.47	1.08
1.400	0.66	7.433	1.31	13.467	3.23	19.50	1.08
1.433	0.66	7.467	1.31	13.500	3.23	19.53	1.08
1.467	0.66	7.500	1.31	13.533	3.23	19.57	1.08
1.500	0.66	7.533	1.31	13.567	3.23	19.60	1.08
1.533	0.66	7.567	1.31	13.600	2.87	19.63	1.08
1.567	0.66	7.600	1.31	13.633	2.51	19.67	1.08
1.600	0.66	7.633	1.31	13.667	2.51	19.70	1.08
1.633	0.66	7.667	1.31	13.700	2.51	19.73	1.08
1.667	0.66	7.700	1.31	13.733	2.51	19.77	1.08
1.700	0.66	7.733	1.31	13.767	2.51	19.80	1.08
1.733	0.66	7.767	1.31	13.800	2.51	19.83	1.08
1.767	0.66	7.800	1.31	13.833	2.51	19.87	1.08
1.800	0.66	7.833	1.31	13.867	2.51	19.90	1.08
1.833	0.66	7.867	1.31	13.900	2.51	19.93	1.08
1.867	0.66	7.900	1.31	13.933	2.51	19.97	1.08
1.900	0.66	7.933	1.31	13.967	2.51	20.00	1.08
1.933	0.66	7.967	1.31	14.000	2.51	20.03	1.08
1.967	0.66	8.000	1.31	14.033	2.51	20.07	1.08
2.000	0.66	8.033	1.31	14.067	2.51	20.10	0.90
2.033	0.66	8.067	1.31	14.100	2.15	20.13	0.72
2.067	0.66	8.100	1.43	14.133	1.79	20.17	0.72
2.100	0.72	8.133	1.55	14.167	1.79	20.20	0.72
2.133	0.78	8.167	1.55	14.200	1.79	20.23	0.72
2.167	0.78	8.200	1.55	14.233	1.79	20.27	0.72
2.200	0.78	8.233	1.55	14.267	1.79	20.30	0.72
2.233	0.78	8.267	1.55	14.300	1.79	20.33	0.72
2.267	0.78	8.300	1.55	14.333	1.79	20.37	0.72
2.300	0.78	8.333	1.55	14.367	1.79	20.40	0.72

2-yr 24hr SCS Type II

2.333	0.78	8.367	1.55	14.400	1.79	20.43	0.72
2.367	0.78	8.400	1.55	14.433	1.79	20.47	0.72
2.400	0.78	8.433	1.55	14.467	1.79	20.50	0.72
2.433	0.78	8.467	1.55	14.500	1.79	20.53	0.72
2.467	0.78	8.500	1.55	14.533	1.79	20.57	0.72
2.500	0.78	8.533	1.55	14.567	1.79	20.60	0.72
2.533	0.78	8.567	1.55	14.600	1.79	20.63	0.72
2.567	0.78	8.600	1.61	14.633	1.79	20.67	0.72
2.600	0.78	8.633	1.67	14.667	1.79	20.70	0.72
2.633	0.78	8.667	1.67	14.700	1.79	20.73	0.72
2.667	0.78	8.700	1.67	14.733	1.79	20.77	0.72
2.700	0.78	8.733	1.67	14.767	1.79	20.80	0.72
2.733	0.78	8.767	1.67	14.800	1.79	20.83	0.72
2.767	0.78	8.800	1.67	14.833	1.79	20.87	0.72
2.800	0.78	8.833	1.67	14.867	1.79	20.90	0.72
2.833	0.78	8.867	1.67	14.900	1.79	20.93	0.72
2.867	0.78	8.900	1.67	14.933	1.79	20.97	0.72
2.900	0.78	8.933	1.67	14.967	1.79	21.00	0.72
2.933	0.78	8.967	1.67	15.000	1.79	21.03	0.72
2.967	0.78	9.000	1.67	15.033	1.79	21.07	0.72
3.000	0.78	9.033	1.67	15.067	1.79	21.10	0.72
3.033	0.78	9.067	1.67	15.100	1.79	21.13	0.72
3.067	0.78	9.100	1.79	15.133	1.79	21.17	0.72
3.100	0.78	9.133	1.91	15.167	1.79	21.20	0.72
3.133	0.78	9.167	1.91	15.200	1.79	21.23	0.72
3.167	0.78	9.200	1.91	15.233	1.79	21.27	0.72
3.200	0.78	9.233	1.91	15.267	1.79	21.30	0.72
3.233	0.78	9.267	1.91	15.300	1.79	21.33	0.72
3.267	0.78	9.300	1.91	15.333	1.79	21.37	0.72
3.300	0.78	9.333	1.91	15.367	1.79	21.40	0.72
3.333	0.78	9.367	1.91	15.400	1.79	21.43	0.72
3.367	0.78	9.400	1.91	15.433	1.79	21.47	0.72
3.400	0.78	9.433	1.91	15.467	1.79	21.50	0.72
3.433	0.78	9.467	1.91	15.500	1.79	21.53	0.72
3.467	0.78	9.500	1.91	15.533	1.79	21.57	0.72
3.500	0.78	9.533	1.91	15.567	1.79	21.60	0.72
3.533	0.78	9.567	1.91	15.600	1.79	21.63	0.72
3.567	0.78	9.600	2.03	15.633	1.79	21.67	0.72
3.600	0.78	9.633	2.15	15.667	1.79	21.70	0.72
3.633	0.78	9.667	2.15	15.700	1.79	21.73	0.72
3.667	0.78	9.700	2.15	15.733	1.79	21.77	0.72
3.700	0.78	9.733	2.15	15.767	1.79	21.80	0.72
3.733	0.78	9.767	2.15	15.800	1.79	21.83	0.72
3.767	0.78	9.800	2.15	15.833	1.79	21.87	0.72
3.800	0.78	9.833	2.15	15.867	1.79	21.90	0.72
3.833	0.78	9.867	2.15	15.900	1.79	21.93	0.72
3.867	0.78	9.900	2.15	15.933	1.79	21.97	0.72
3.900	0.78	9.933	2.15	15.967	1.79	22.00	0.72
3.933	0.78	9.967	2.15	16.000	1.79	22.03	0.72
3.967	0.78	10.000	2.15	16.033	1.79	22.07	0.72
4.000	0.78	10.033	2.15	16.067	1.79	22.10	0.72
4.033	0.78	10.067	2.15	16.100	1.43	22.13	0.72
4.067	0.78	10.100	2.45	16.133	1.08	22.17	0.72
4.100	0.87	10.133	2.75	16.167	1.08	22.20	0.72
4.133	0.96	10.167	2.75	16.200	1.08	22.23	0.72
4.167	0.96	10.200	2.75	16.233	1.08	22.27	0.72
4.200	0.96	10.233	2.75	16.267	1.08	22.30	0.72
4.233	0.96	10.267	2.75	16.300	1.08	22.33	0.72
4.267	0.96	10.300	2.75	16.333	1.08	22.37	0.72
4.300	0.96	10.333	2.75	16.367	1.08	22.40	0.72
4.333	0.96	10.367	2.75	16.400	1.08	22.43	0.72
4.367	0.96	10.400	2.75	16.433	1.08	22.47	0.72
4.400	0.96	10.433	2.75	16.467	1.08	22.50	0.72
4.433	0.96	10.467	2.75	16.500	1.08	22.53	0.72
4.467	0.96	10.500	2.75	16.533	1.08	22.57	0.72
4.500	0.96	10.533	2.75	16.567	1.08	22.60	0.72
4.533	0.96	10.567	2.75	16.600	1.08	22.63	0.72
4.567	0.96	10.600	3.23	16.633	1.08	22.67	0.72
4.600	0.96	10.633	3.71	16.667	1.08	22.70	0.72
4.633	0.96	10.667	3.71	16.700	1.08	22.73	0.72
4.667	0.96	10.700	3.71	16.733	1.08	22.77	0.72
4.700	0.96	10.733	3.71	16.767	1.08	22.80	0.72
4.733	0.96	10.767	3.71	16.800	1.08	22.83	0.72
4.767	0.96	10.800	3.71	16.833	1.08	22.87	0.72
4.800	0.96	10.833	3.71	16.867	1.08	22.90	0.72
4.833	0.96	10.867	3.71	16.900	1.08	22.93	0.72
4.867	0.96	10.900	3.71	16.933	1.08	22.97	0.72
4.900	0.96	10.933	3.71	16.967	1.08	23.00	0.72
4.933	0.96	10.967	3.71	17.000	1.08	23.03	0.72
4.967	0.96	11.000	3.71	17.033	1.08	23.07	0.72
5.000	0.96	11.033	3.71	17.067	1.08	23.10	0.72
5.033	0.96	11.067	3.71	17.100	1.08	23.13	0.72
5.067	0.96	11.100	4.72	17.133	1.08	23.17	0.72
5.100	0.96	11.133	5.74	17.167	1.08	23.20	0.72
5.133	0.96	11.167	5.74	17.200	1.08	23.23	0.72
5.167	0.96	11.200	5.74	17.233	1.08	23.27	0.72
5.200	0.96	11.233	5.74	17.267	1.08	23.30	0.72
5.233	0.96	11.267	5.74	17.300	1.08	23.33	0.72
5.267	0.96	11.300	5.74	17.333	1.08	23.37	0.72
5.300	0.96	11.333	5.74	17.367	1.08	23.40	0.72
5.333	0.96	11.367	5.74	17.400	1.08	23.43	0.72
5.367	0.96	11.400	5.74	17.433	1.08	23.47	0.72
5.400	0.96	11.433	5.74	17.467	1.08	23.50	0.72
5.433	0.96	11.467	5.74	17.500	1.08	23.53	0.72
5.467	0.96	11.500	5.74	17.533	1.08	23.57	0.72
5.500	0.96	11.533	5.74	17.567	1.08	23.60	0.72
5.533	0.96	11.567	5.74	17.600	1.08	23.63	0.72
5.567	0.96	11.600	11.73	17.633	1.08	23.67	0.72
5.600	0.96	11.633	17.69	17.667	1.08	23.70	0.72
5.633	0.96	11.667	17.69	17.700	1.08	23.73	0.72
5.667	0.96	11.700	17.69	17.733	1.08	23.77	0.72
5.700	0.96	11.733	17.69	17.767	1.08	23.80	0.72
5.733	0.96	11.767	17.69	17.800	1.08	23.83	0.72
5.767	0.96	11.800	17.69	17.833	1.08	23.87	0.72
5.800	0.96	11.833	17.77	17.867	1.08	23.90	0.72
5.833	0.96	11.867	73.16	17.900	1.08	23.93	0.72
5.867	0.96	11.900	73.16	17.933	1.08	23.97	0.72
5.900	0.96	11.933	73.16	17.967	1.08	24.00	0.72
5.933	0.96	11.967	73.16	18.000	1.08	24.03	0.72
5.967	0.96	12.000	73.16	18.033	1.08	24.07	0.72
6.000	0.96	12.033	73.16	18.067	1.08	24.10	0.36
6.033	0.96	12.067	73.16	18.100	1.08		

Unit Hyd Qpeak (cms)= 0.523

PEAK FLOW (cms)= 0.171 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 23.320
TOTAL RAINFALL (mm)= 59.770
RUNOFF COEFFICIENT = 0.390

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0009)				
1 + 2 = 3	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
ID1= 1 (0101):	3.15	0.171	12.20	23.32
+ ID2= 2 (0103):	1.47	0.091	12.17	23.32
ID = 3 (0009):	4.62	0.261	12.20	23.32

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

5-yr 24hr SCS Type II

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================================================================================
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       V    V   I    SSSSS  U   U    A    L              (v 6.2.2015)
       V    V   I    SS     U   U   A A   L
        V  V    I     SS    U   U  AAAAA  L
        V  V    I      SS   U   U  A   A  L
         VV     I    SSSSS  UUUUU  A   A  LLLLL

        OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
       O   O    T      T    H   H   Y Y   MM MM  O   O
       O   O    T      T    H   H    Y    M M M  O   O
        OOO     T      T    H   H    Y    M   M   OOO
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                  *****  D E T A I L E D   O U T P U T *****


  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\ee1fe3a4-48f5-416c-bec2-
dedeb8d38cf6\90cbd7c0-1bec-40ff-861e-b3852c656f27\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\ee1fe3a4-48f5-416c-bec2-
dedeb8d38cf6\90cbd7c0-1bec-40ff-861e-b3852c656f27\scen


DATE: 11/01/2023                          TIME: 03:23:15

USER:


COMMENTS: _____

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  ************************************************
  ** SIMULATION : 005yr 24hr 5min SCS Type II ( **
  ************************************************


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|    READ STORM    |    Filename: C:\Users\SAhonen\AppD
|                  |              ata\Local\Temp\
|                  |              6d5b05fb-1890-4746-b627-d3f77a0d2847\a5b9ae7d
| Ptotal= 71.04 mm |    Comments: 5yr 24hr 5min SCS Type II (MTO)
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TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.00	0.00	6.08	1.28	12.17	10.23	18.25	1.28
0.08	0.78	6.17	1.28	12.25	10.23	18.33	1.28
0.17	0.78	6.25	1.28	12.33	10.23	18.42	1.28
0.25	0.78	6.33	1.28	12.42	10.23	18.50	1.28
0.33	0.78	6.42	1.28	12.50	10.23	18.58	1.28
0.42	0.78	6.50	1.28	12.58	5.26	18.67	1.28
0.50	0.78	6.58	1.28	12.67	5.26	18.75	1.28
0.58	0.78	6.67	1.28	12.75	5.26	18.83	1.28
0.67	0.78	6.75	1.28	12.83	5.26	18.92	1.28
0.75	0.78	6.83	1.28	12.92	5.26	19.00	1.28
0.83	0.78	6.92	1.28	13.00	5.26	19.08	1.28
0.92	0.78	7.00	1.28	13.08	3.84	19.17	1.28
1.00	0.78	7.08	1.56	13.17	3.84	19.25	1.28
1.08	0.78	7.17	1.56	13.25	3.84	19.33	1.28
1.17	0.78	7.25	1.56	13.33	3.84	19.42	1.28
1.25	0.78	7.33	1.56	13.42	3.84	19.50	1.28
1.33	0.78	7.42	1.56	13.50	3.84	19.58	1.28
1.42	0.78	7.50	1.56	13.58	2.98	19.67	1.28
1.50	0.78	7.58	1.56	13.67	2.98	19.75	1.28
1.58	0.78	7.67	1.56	13.75	2.98	19.83	1.28
1.67	0.78	7.75	1.56	13.83	2.98	19.92	1.28
1.75	0.78	7.83	1.56	13.92	2.98	20.00	1.28
1.83	0.78	7.92	1.56	14.00	2.98	20.08	0.85
1.92	0.78	8.00	1.56	14.08	2.13	20.17	0.85
2.00	0.78	8.08	1.85	14.17	2.13	20.25	0.85
2.08	0.92	8.17	1.85	14.25	2.13	20.33	0.85
2.17	0.92	8.25	1.85	14.33	2.13	20.42	0.85
2.25	0.92	8.33	1.85	14.42	2.13	20.50	0.85
2.33	0.92	8.42	1.85	14.50	2.13	20.58	0.85
2.42	0.92	8.50	1.85	14.58	2.13	20.67	0.85
2.50	0.92	8.58	1.99	14.67	2.13	20.75	0.85
2.58	0.92	8.67	1.99	14.75	2.13	20.83	0.85
2.67	0.92	8.75	1.99	14.83	2.13	20.92	0.85
2.75	0.92	8.83	1.99	14.92	2.13	21.00	0.85
2.83	0.92	8.92	1.99	15.00	2.13	21.08	0.85
2.92	0.92	9.00	1.99	15.08	2.13	21.17	0.85
3.00	0.92	9.08	2.27	15.17	2.13	21.25	0.85
3.08	0.92	9.17	2.27	15.25	2.13	21.33	0.85
3.17	0.92	9.25	2.27	15.33	2.13	21.42	0.85
3.25	0.92	9.33	2.27	15.42	2.13	21.50	0.85
3.33	0.92	9.42	2.27	15.50	2.13	21.58	0.85
3.42	0.92	9.50	2.27	15.58	2.13	21.67	0.85
3.50	0.92	9.58	2.56	15.67	2.13	21.75	0.85
3.58	0.92	9.67	2.56	15.75	2.13	21.83	0.85
3.67	0.92	9.75	2.56	15.83	2.13	21.92	0.85
3.75	0.92	9.83	2.56	15.92	2.13	22.00	0.85
3.83	0.92	9.92	2.56	16.00	2.13	22.08	0.85
3.92	0.92	10.00	2.56	16.08	1.28	22.17	0.85
4.00	0.92	10.08	3.27	16.17	1.28	22.25	0.85
4.08	1.14	10.17	3.27	16.25	1.28	22.33	0.85
4.17	1.14	10.25	3.27	16.33	1.28	22.42	0.85
4.25	1.14	10.33	3.27	16.42	1.28	22.50	0.85
4.33	1.14	10.42	3.27	16.50	1.28	22.58	0.85
4.42	1.14	10.50	3.27	16.58	1.28	22.67	0.85
4.50	1.14	10.58	4.40	16.67	1.28	22.75	0.85
4.58	1.14	10.67	4.40	16.75	1.28	22.83	0.85
4.67	1.14	10.75	4.40	16.83	1.28	22.92	0.85
4.75	1.14	10.83	4.40	16.92	1.28	23.00	0.85
4.83	1.14	10.92	4.40	17.00	1.28	23.08	0.85
4.92	1.14	11.00	4.40	17.08	1.28	23.17	0.85
5.00	1.14	11.08	6.82	17.17	1.28	23.25	0.85
5.08	1.14	11.17	6.82	17.25	1.28	23.33	0.85
5.17	1.14	11.25	6.82	17.33	1.28	23.42	0.85
5.25	1.14	11.33	6.82	17.42	1.28	23.50	0.85
5.33	1.14	11.42	6.82	17.50	1.28	23.58	0.85
5.42	1.14	11.50	6.82	17.58	1.28	23.67	0.85
5.50	1.14	11.58	21.03	17.67	1.28	23.75	0.85
5.58	1.14	11.67	21.03	17.75	1.28	23.83	0.85
5.67	1.14	11.75	21.03	17.83	1.28	23.92	0.85
5.75	1.14	11.83	86.95	17.92	1.28	24.00	0.85
5.83	1.14	11.92	86.95	18.00	1.28		
5.92	1.14	12.00	86.95	18.08	1.28		
6.00	1.14	12.08	10.23	18.17	1.28		

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| CALIB            |
| NASHYD   (  0102)|   Area    (ha)=  14.73   Curve Number   (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia      (mm)=   6.75   # of Linear Res.(N)= 3.00
--------------------   U.H. Tp(hrs)=   0.33

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.
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---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.14	12.100	48.48	18.13	1.28
0.067	0.00	6.100	1.21	12.133	10.23	18.17	1.28
0.100	0.39	6.133	1.28	12.167	10.23	18.20	1.28
0.133	0.78	6.167	1.28	12.200	10.23	18.23	1.28
0.167	0.78	6.200	1.28	12.233	10.23	18.27	1.28
0.200	0.78	6.233	1.28	12.267	10.23	18.30	1.28
0.233	0.78	6.267	1.28	12.300	10.23	18.33	1.28
0.267	0.78	6.300	1.28	12.333	10.23	18.37	1.28
0.300	0.78	6.333	1.28	12.367	10.23	18.40	1.28
0.333	0.78	6.367	1.28	12.400	10.23	18.43	1.28
0.367	0.78	6.400	1.28	12.433	10.23	18.47	1.28
0.400	0.78	6.433	1.28	12.467	10.23	18.50	1.28
0.433	0.78	6.467	1.28	12.500	10.23	18.53	1.28
0.467	0.78	6.500	1.28	12.533	10.23	18.57	1.28
0.500	0.78	6.533	1.28	12.567	10.23	18.60	1.28
0.533	0.78	6.567	1.28	12.600	7.74	18.63	1.28
0.567	0.78	6.600	1.28	12.633	5.26	18.67	1.28
0.600	0.78	6.633	1.28	12.667	5.26	18.70	1.28
0.633	0.78	6.667	1.28	12.700	5.26	18.73	1.28
0.667	0.78	6.700	1.28	12.733	5.26	18.77	1.28
0.700	0.78	6.733	1.28	12.767	5.26	18.80	1.28
0.733	0.78	6.767	1.28	12.800	5.26	18.83	1.28
0.767	0.78	6.800	1.28	12.833	5.26	18.87	1.28
0.800	0.78	6.833	1.28	12.867	5.26	18.90	1.28
0.833	0.78	6.867	1.28	12.900	5.26	18.93	1.28
0.867	0.78	6.900	1.28	12.933	5.26	18.97	1.28
0.900	0.78	6.933	1.28	12.967	5.26	19.00	1.28
0.933	0.78	6.967	1.28	13.000	5.26	19.03	1.28
0.967	0.78	7.000	1.28	13.033	5.26	19.07	1.28
1.000	0.78	7.033	1.28	13.067	5.26	19.10	1.28
1.033	0.78	7.067	1.28	13.100	4.54	19.13	1.28
1.067	0.78	7.100	1.42	13.133	3.84	19.17	1.28
1.100	0.78	7.133	1.56	13.167	3.84	19.20	1.28
1.133	0.78	7.167	1.56	13.200	3.84	19.23	1.28
1.167	0.78	7.200	1.56	13.233	3.84	19.27	1.28
1.200	0.78	7.233	1.56	13.267	3.84	19.30	1.28
1.233	0.78	7.267	1.56	13.300	3.84	19.33	1.28
1.267	0.78	7.300	1.56	13.333	3.84	19.37	1.28
1.300	0.78	7.333	1.56	13.367	3.84	19.40	1.28
1.333	0.78	7.367	1.56	13.400	3.84	19.43	1.28
1.367	0.78	7.400	1.56	13.433	3.84	19.47	1.28
1.400	0.78	7.433	1.56	13.467	3.84	19.50	1.28
1.433	0.78	7.467	1.56	13.500	3.84	19.53	1.28
1.467	0.78	7.500	1.56	13.533	3.84	19.57	1.28
1.500	0.78	7.533	1.56	13.567	3.84	19.60	1.28
1.533	0.78	7.567	1.56	13.600	3.41	19.63	1.28
1.567	0.78	7.600	1.56	13.633	2.98	19.67	1.28
1.600	0.78	7.633	1.56	13.667	2.98	19.70	1.28
1.633	0.78	7.667	1.56	13.700	2.98	19.73	1.28
1.667	0.78	7.700	1.56	13.733	2.98	19.77	1.28
1.700	0.78	7.733	1.56	13.767	2.98	19.80	1.28
1.733	0.78	7.767	1.56	13.800	2.98	19.83	1.28
1.767	0.78	7.800	1.56	13.833	2.98	19.87	1.28
1.800	0.78	7.833	1.56	13.867	2.98	19.90	1.28
1.833	0.78	7.867	1.56	13.900	2.98	19.93	1.28
1.867	0.78	7.900	1.56	13.933	2.98	19.97	1.28
1.900	0.78	7.933	1.56	13.967	2.98	20.00	1.28
1.933	0.78	7.967	1.56	14.000	2.98	20.03	1.28
1.967	0.78	8.000	1.56	14.033	2.98	20.07	1.28
2.000	0.78	8.033	1.56	14.067	2.98	20.10	1.07
2.033	0.78	8.067	1.56	14.100	2.56	20.13	0.85
2.067	0.78	8.100	1.70	14.133	2.13	20.17	0.85
2.100	0.85	8.133	1.85	14.167	2.13	20.20	0.85
2.133	0.92	8.167	1.85	14.200	2.13	20.23	0.85
2.167	0.92	8.200	1.85	14.233	2.13	20.27	0.85
2.200	0.92	8.233	1.85	14.267	2.13	20.30	0.85
2.233	0.92	8.267	1.85	14.300	2.13	20.33	0.85
2.267	0.92	8.300	1.85	14.333	2.13	20.37	0.85
2.300	0.92	8.333	1.85	14.367	2.13	20.40	0.85
2.333	0.92	8.367	1.85	14.400	2.13	20.43	0.85
2.367	0.92	8.400	1.85	14.433	2.13	20.47	0.85
2.400	0.92	8.433	1.85	14.467	2.13	20.50	0.85
2.433	0.92	8.467	1.85	14.500	2.13	20.53	0.85
2.467	0.92	8.500	1.85	14.533	2.13	20.57	0.85
2.500	0.92	8.533	1.85	14.567	2.13	20.60	0.85
2.533	0.92	8.567	1.85	14.600	2.13	20.63	0.85
2.567	0.92	8.600	1.92	14.633	2.13	20.67	0.85
2.600	0.92	8.633	1.99	14.667	2.13	20.70	0.85
2.633	0.92	8.667	1.99	14.700	2.13	20.73	0.85
2.667	0.92	8.700	1.99	14.733	2.13	20.77	0.85
2.700	0.92	8.733	1.99	14.767	2.13	20.80	0.85
2.733	0.92	8.767	1.99	14.800	2.13	20.83	0.85
2.767	0.92	8.800	1.99	14.833	2.13	20.87	0.85
2.800	0.92	8.833	1.99	14.867	2.13	20.90	0.85
2.833	0.92	8.867	1.99	14.900	2.13	20.93	0.85
2.867	0.92	8.900	1.99	14.933	2.13	20.97	0.85
2.900	0.92	8.933	1.99	14.967	2.13	21.00	0.85
2.933	0.92	8.967	1.99	15.000	2.13	21.03	0.85
2.967	0.92	9.000	1.99	15.033	2.13	21.07	0.85
3.000	0.92	9.033	1.99	15.067	2.13	21.10	0.85
3.033	0.92	9.067	1.99	15.100	2.13	21.13	0.85
3.067	0.92	9.100	2.13	15.133	2.13	21.17	0.85
3.100	0.92	9.133	2.27	15.167	2.13	21.20	0.85
3.133	0.92	9.167	2.27	15.200	2.13	21.23	0.85
3.167	0.92	9.200	2.27	15.233	2.13	21.27	0.85
3.200	0.92	9.233	2.27	15.267	2.13	21.30	0.85
3.233	0.92	9.267	2.27	15.300	2.13	21.33	0.85
3.267	0.92	9.300	2.27	15.333	2.13	21.37	0.85
3.300	0.92	9.333	2.27	15.367	2.13	21.40	0.85
3.333	0.92	9.367	2.27	15.400	2.13	21.43	0.85
3.367	0.92	9.400	2.27	15.433	2.13	21.47	0.85
3.400	0.92	9.433	2.27	15.467	2.13	21.50	0.85
3.433	0.92	9.467	2.27	15.500	2.13	21.53	0.85
3.467	0.92	9.500	2.27	15.533	2.13	21.57	0.85
3.500	0.92	9.533	2.27	15.567	2.13	21.60	0.85
3.533	0.92	9.567	2.27	15.600	2.13	21.63	0.85
3.567	0.92	9.600	2.42	15.633	2.13	21.67	0.85
3.600	0.92	9.633	2.56	15.667	2.13	21.70	0.85
3.633	0.92	9.667	2.56	15.700	2.13	21.73	0.85
3.667	0.92	9.700	2.56	15.733	2.13	21.77	0.85
3.700	0.92	9.733	2.56	15.767	2.13	21.80	0.85
3.733	0.92	9.767	2.56	15.800	2.13	21.83	0.85
3.767	0.92	9.800	2.56	15.833	2.13	21.87	0.85
3.800	0.92	9.833	2.56	15.867	2.13	21.90	0.85
3.833	0.92	9.867	2.56	15.900	2.13	21.93	0.85
3.867	0.92	9.900	2.56	15.933	2.13	21.97	0.85
3.900	0.92	9.933	2.56	15.967	2.13	22.00	0.85
3.933	0.92	9.967	2.56	16.000	2.13	22.03	0.85
3.967	0.92	10.000	2.56	16.033	2.13	22.07	0.85
4.000	0.92	10.033	2.56	16.067	2.13	22.10	0.85
4.033	0.92	10.067	2.56	16.100	1.70	22.13	0.85
4.067	0.92	10.100	2.91	16.133	1.28	22.17	0.85
4.100	1.03	10.133	3.27	16.167	1.28	22.20	0.85
4.133	1.14	10.167	3.27	16.200	1.28	22.23	0.85
4.167	1.14	10.200	3.27	16.233	1.28	22.27	0.85
4.200	1.14	10.233	3.27	16.267	1.28	22.30	0.85
4.233	1.14	10.267	3.27	16.300	1.28	22.33	0.85
4.267	1.14	10.300	3.27	16.333	1.28	22.37	0.85
4.300	1.14	10.333	3.27	16.367	1.28	22.40	0.85
4.333	1.14	10.367	3.27	16.400	1.28	22.43	0.85
4.367	1.14	10.400	3.27	16.433	1.28	22.47	0.85
4.400	1.14	10.433	3.27	16.467	1.28	22.50	0.85
4.433	1.14	10.467	3.27	16.500	1.28	22.53	0.85
4.467	1.14	10.500	3.27	16.533	1.28	22.57	0.85
4.500	1.14	10.533	3.27	16.567	1.28	22.60	0.85
4.533	1.14	10.567	3.27	16.600	1.28	22.63	0.85
4.567	1.14	10.600	3.84	16.633	1.28	22.67	0.85
4.600	1.14	10.633	4.40	16.667	1.28	22.70	0.85
4.633	1.14	10.667	4.40	16.700	1.28	22.73	0.85
4.667	1.14	10.700	4.40	16.733	1.28	22.77	0.85
4.700	1.14	10.733	4.40	16.767	1.28	22.80	0.85
4.733	1.14	10.767	4.40	16.800	1.28	22.83	0.85
4.767	1.14	10.800	4.40	16.833	1.28	22.87	0.85
4.800	1.14	10.833	4.40	16.867	1.28	22.90	0.85
4.833	1.14	10.867	4.40	16.900	1.28	22.93	0.85

5-yr 24hr SCS Type II

4.867	1.14	10.900	4.40	16.933	1.28	22.97	0.85
4.900	1.14	10.933	4.40	16.967	1.28	23.00	0.85
4.933	1.14	10.967	4.40	17.000	1.28	23.03	0.85
4.967	1.14	11.000	4.40	17.033	1.28	23.07	0.85
5.000	1.14	11.033	4.40	17.067	1.28	23.10	0.85
5.033	1.14	11.067	4.40	17.100	1.28	23.13	0.85
5.067	1.14	11.100	5.61	17.133	1.28	23.17	0.85
5.100	1.14	11.133	6.82	17.167	1.28	23.20	0.85
5.133	1.14	11.167	6.82	17.200	1.28	23.23	0.85
5.167	1.14	11.200	6.82	17.233	1.28	23.27	0.85
5.200	1.14	11.233	6.82	17.267	1.28	23.30	0.85
5.233	1.14	11.267	6.82	17.300	1.28	23.33	0.85
5.267	1.14	11.300	6.82	17.333	1.28	23.37	0.85
5.300	1.14	11.333	6.82	17.367	1.28	23.40	0.85
5.333	1.14	11.367	6.82	17.400	1.28	23.43	0.85
5.367	1.14	11.400	6.82	17.433	1.28	23.47	0.85
5.400	1.14	11.433	6.82	17.467	1.28	23.50	0.85
5.433	1.14	11.467	6.82	17.500	1.28	23.53	0.85
5.467	1.14	11.500	6.82	17.533	1.28	23.57	0.85
5.500	1.14	11.533	6.82	17.567	1.28	23.60	0.85
5.533	1.14	11.567	6.82	17.600	1.28	23.63	0.85
5.567	1.14	11.600	13.94	17.633	1.28	23.67	0.85
5.600	1.14	11.633	21.03	17.667	1.28	23.70	0.85
5.633	1.14	11.667	21.03	17.700	1.28	23.73	0.85
5.667	1.14	11.700	21.03	17.733	1.28	23.77	0.85
5.700	1.14	11.733	21.03	17.767	1.28	23.80	0.85
5.733	1.14	11.767	21.03	17.800	1.28	23.83	0.85
5.767	1.14	11.800	21.03	17.833	1.28	23.87	0.85
5.800	1.14	11.833	21.11	17.867	1.28	23.90	0.85
5.833	1.14	11.867	86.95	17.900	1.28	23.93	0.85
5.867	1.14	11.900	86.95	17.933	1.28	23.97	0.85
5.900	1.14	11.933	86.95	17.967	1.28	24.00	0.85
5.933	1.14	11.967	86.95	18.000	1.28	24.03	0.85
5.967	1.14	12.000	86.95	18.033	1.28	24.07	0.85
6.000	1.14	12.033	86.95	18.067	1.28	24.10	0.43
6.033	1.14	12.067	86.95	18.100	1.28		

Unit Hyd Qpeak (cms)= 1.705

PEAK FLOW (cms)= 0.845 (i)
TIME TO PEAK (hrs)= 12.300
RUNOFF VOLUME (mm)= 31.357
TOTAL RAINFALL (mm)= 71.040
RUNOFF COEFFICIENT = 0.441

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0105)	Area	(ha)=	3.55	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)=	3.00
	U.H. Tp	(hrs)=	0.24		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.14	12.100	48.48	18.13	1.28
0.067	0.00	6.100	1.21	12.133	10.23	18.17	1.28
0.100	0.39	6.133	1.28	12.167	10.23	18.20	1.28
0.133	0.78	6.167	1.28	12.200	10.23	18.23	1.28
0.167	0.78	6.200	1.28	12.233	10.23	18.27	1.28
0.200	0.78	6.233	1.28	12.267	10.23	18.30	1.28
0.233	0.78	6.267	1.28	12.300	10.23	18.33	1.28
0.267	0.78	6.300	1.28	12.333	10.23	18.37	1.28
0.300	0.78	6.333	1.28	12.367	10.23	18.40	1.28
0.333	0.78	6.367	1.28	12.400	10.23	18.43	1.28
0.367	0.78	6.400	1.28	12.433	10.23	18.47	1.28
0.400	0.78	6.433	1.28	12.467	10.23	18.50	1.28
0.433	0.78	6.467	1.28	12.500	10.23	18.53	1.28
0.467	0.78	6.500	1.28	12.533	10.23	18.57	1.28
0.500	0.78	6.533	1.28	12.567	10.23	18.60	1.28
0.533	0.78	6.567	1.28	12.600	7.74	18.63	1.28
0.567	0.78	6.600	1.28	12.633	5.26	18.67	1.28
0.600	0.78	6.633	1.28	12.667	5.26	18.70	1.28
0.633	0.78	6.667	1.28	12.700	5.26	18.73	1.28
0.667	0.78	6.700	1.28	12.733	5.26	18.77	1.28
0.700	0.78	6.733	1.28	12.767	5.26	18.80	1.28
0.733	0.78	6.767	1.28	12.800	5.26	18.83	1.28
0.767	0.78	6.800	1.28	12.833	5.26	18.87	1.28
0.800	0.78	6.833	1.28	12.867	5.26	18.90	1.28
0.833	0.78	6.867	1.28	12.900	5.26	18.93	1.28
0.867	0.78	6.900	1.28	12.933	5.26	18.97	1.28
0.900	0.78	6.933	1.28	12.967	5.26	19.00	1.28
0.933	0.78	6.967	1.28	13.000	5.26	19.03	1.28
0.967	0.78	7.000	1.28	13.033	5.26	19.07	1.28
1.000	0.78	7.033	1.28	13.067	5.26	19.10	1.28
1.033	0.78	7.067	1.28	13.100	4.54	19.13	1.28
1.067	0.78	7.100	1.42	13.133	3.84	19.17	1.28
1.100	0.78	7.133	1.56	13.167	3.84	19.20	1.28
1.133	0.78	7.167	1.56	13.200	3.84	19.23	1.28
1.167	0.78	7.200	1.56	13.233	3.84	19.27	1.28
1.200	0.78	7.233	1.56	13.267	3.84	19.30	1.28
1.233	0.78	7.267	1.56	13.300	3.84	19.33	1.28
1.267	0.78	7.300	1.56	13.333	3.84	19.37	1.28
1.300	0.78	7.333	1.56	13.367	3.84	19.40	1.28
1.333	0.78	7.367	1.56	13.400	3.84	19.43	1.28
1.367	0.78	7.400	1.56	13.433	3.84	19.47	1.28
1.400	0.78	7.433	1.56	13.467	3.84	19.50	1.28
1.433	0.78	7.467	1.56	13.500	3.84	19.53	1.28
1.467	0.78	7.500	1.56	13.533	3.84	19.57	1.28
1.500	0.78	7.533	1.56	13.567	3.84	19.60	1.28
1.533	0.78	7.567	1.56	13.600	3.41	19.63	1.28
1.567	0.78	7.600	1.56	13.633	2.98	19.67	1.28
1.600	0.78	7.633	1.56	13.667	2.98	19.70	1.28
1.633	0.78	7.667	1.56	13.700	2.98	19.73	1.28
1.667	0.78	7.700	1.56	13.733	2.98	19.77	1.28
1.700	0.78	7.733	1.56	13.767	2.98	19.80	1.28
1.733	0.78	7.767	1.56	13.800	2.98	19.83	1.28
1.767	0.78	7.800	1.56	13.833	2.98	19.87	1.28
1.800	0.78	7.833	1.56	13.867	2.98	19.90	1.28
1.833	0.78	7.867	1.56	13.900	2.98	19.93	1.28
1.867	0.78	7.900	1.56	13.933	2.98	19.97	1.28
1.900	0.78	7.933	1.56	13.967	2.98	20.00	1.28
1.933	0.78	7.967	1.56	14.000	2.98	20.03	1.28
1.967	0.78	8.000	1.56	14.033	2.98	20.07	1.28
2.000	0.78	8.033	1.56	14.067	2.98	20.10	1.07
2.033	0.78	8.067	1.56	14.100	2.56	20.13	0.85
2.067	0.78	8.100	1.70	14.133	2.13	20.17	0.85
2.100	0.85	8.133	1.85	14.167	2.13	20.20	0.85
2.133	0.92	8.167	1.85	14.200	2.13	20.23	0.85
2.167	0.92	8.200	1.85	14.233	2.13	20.27	0.85
2.200	0.92	8.233	1.85	14.267	2.13	20.30	0.85
2.233	0.92	8.267	1.85	14.300	2.13	20.33	0.85
2.267	0.92	8.300	1.85	14.333	2.13	20.37	0.85
2.300	0.92	8.333	1.85	14.367	2.13	20.40	0.85
2.333	0.92	8.367	1.85	14.400	2.13	20.43	0.85
2.367	0.92	8.400	1.85	14.433	2.13	20.47	0.85
2.400	0.92	8.433	1.85	14.467	2.13	20.50	0.85
2.433	0.92	8.467	1.85	14.500	2.13	20.53	0.85
2.467	0.92	8.500	1.85	14.533	2.13	20.57	0.85
2.500	0.92	8.533	1.85	14.567	2.13	20.60	0.85
2.533	0.92	8.567	1.85	14.600	2.13	20.63	0.85
2.567	0.92	8.600	1.92	14.633	2.13	20.67	0.85
2.600	0.92	8.633	1.99	14.667	2.13	20.70	0.85
2.633	0.92	8.667	1.99	14.700	2.13	20.73	0.85
2.667	0.92	8.700	1.99	14.733	2.13	20.77	0.85
2.700	0.92	8.733	1.99	14.767	2.13	20.80	0.85
2.733	0.92	8.767	1.99	14.800	2.13	20.83	0.85
2.767	0.92	8.800	1.99	14.833	2.13	20.87	0.85
2.800	0.92	8.833	1.99	14.867	2.13	20.90	0.85
2.833	0.92	8.867	1.99	14.900	2.13	20.93	0.85
2.867	0.92	8.900	1.99	14.933	2.13	20.97	0.85
2.900	0.92	8.933	1.99	14.967	2.13	21.00	0.85
2.933	0.92	8.967	1.99	15.000	2.13	21.03	0.85
2.967	0.92	9.000	1.99	15.033	2.13	21.07	0.85
3.000	0.92	9.033	1.99	15.067	2.13	21.10	0.85
3.033	0.92	9.067	1.99	15.100	2.13	21.13	0.85
3.067	0.92	9.100	2.13	15.133	2.13	21.17	0.85
3.100	0.92	9.133	2.27	15.167	2.13	21.20	0.85
3.133	0.92	9.167	2.27	15.200	2.13	21.23	0.85
3.167	0.92	9.200	2.27	15.233	2.13	21.27	0.85
3.200	0.92	9.233	2.27	15.267	2.13	21.30	0.85
3.233	0.92	9.267	2.27	15.300	2.13	21.33	0.85
3.267	0.92	9.300	2.27	15.333	2.13	21.37	0.85
3.300	0.92	9.333	2.27	15.367	2.13	21.40	0.85
3.333	0.92	9.367	2.27	15.400	2.13	21.43	0.85
3.367	0.92	9.400	2.27	15.433	2.13	21.47	0.85
3.400	0.92	9.433	2.27	15.467	2.13	21.50	0.85
3.433	0.92	9.467	2.27	15.500	2.13	21.53	0.85
3.467	0.92	9.500	2.27	15.533	2.13	21.57	0.85
3.500	0.92	9.533	2.27	15.567	2.13	21.60	0.85
3.533	0.92	9.567	2.27	15.600	2.13	21.63	0.85
3.567	0.92	9.600	2.42	15.633	2.13	21.67	0.85
3.600	0.92	9.633	2.56	15.667	2.13	21.70	0.85
3.633	0.92	9.667	2.56	15.700	2.13	21.73	0.85
3.667	0.92	9.700	2.56	15.733	2.13	21.77	0.85
3.700	0.92	9.733	2.56	15.767	2.13	21.80	0.85
3.733	0.92	9.767	2.56	15.800	2.13	21.83	0.85
3.767	0.92	9.800	2.56	15.833	2.13	21.87	0.85
3.800	0.92	9.833	2.56	15.867	2.13	21.90	0.85
3.833	0.92	9.867	2.56	15.900	2.13	21.93	0.85
3.867	0.92	9.900	2.56	15.933	2.13	21.97	0.85
3.900	0.92	9.933	2.56	15.967	2.13	22.00	0.85
3.933	0.92	9.967	2.56	16.000	2.13	22.03	0.85
3.967	0.92	10.000	2.56	16.033	2.13	22.07	0.85
4.000	0.92	10.033	2.56	16.067	2.13	22.10	0.85
4.033	0.92	10.067	2.56	16.100	1.70	22.13	0.85
4.067	0.92	10.100	2.91	16.133	1.28	22.17	0.85
4.100	1.03	10.133	3.27	16.167	1.28	22.20	0.85
4.133	1.14	10.167	3.27	16.200	1.28	22.23	0.85
4.167	1.14	10.200	3.27	16.233	1.28	22.27	0.85
4.200	1.14	10.233	3.27	16.267	1.28	22.30	0.85
4.233	1.14	10.267	3.27	16.300	1.28	22.33	0.85
4.267	1.14	10.300	3.27	16.333	1.28	22.37	0.85
4.300	1.14	10.333	3.27	16.367	1.28	22.40	0.85
4.333	1.14	10.367	3.27	16.400	1.28	22.43	0.85
4.367	1.14	10.400	3.27	16.433	1.28	22.47	0.85
4.400	1.14	10.433	3.27	16.467	1.28	22.50	0.85
4.433	1.14	10.467	3.27	16.500	1.28	22.53	0.85
4.467	1.14	10.500	3.27	16.533	1.28	22.57	0.85
4.500	1.14	10.533	3.27	16.567	1.28	22.60	0.85
4.533	1.14	10.567	3.27	16.600	1.28	22.63	0.85
4.567	1.14	10.600	3.84	16.633	1.28	22.67	0.85
4.600	1.14	10.633	4.40	16.667	1.28	22.70	0.85
4.633	1.14	10.667	4.40	16.700	1.28	22.73	0.85
4.667	1.14	10.700	4.40	16.733	1.28	22.77	0.85
4.700	1.14	10.733	4.40	16.767	1.28	22.80	0.85
4.733	1.14	10.767	4.40	16.800	1.28	22.83	0.85
4.767	1.14	10.800	4.40	16.833	1.28	22.87	0.85
4.800	1.14	10.833	4.40	16.867	1.28	22.90	0.85
4.833	1.14	10.867	4.40	16.900	1.28	22.93	0.85
4.867	1.14	10.900	4.40	16.933	1.28	22.97	0.85
4.900	1.14	10.933	4.40	16.967	1.28	23.00	0.85
4.933	1.14	10.967	4.40	17.000	1.28	23.03	0.85
4.967	1.14	11.000	4.40	17.033	1.28	23.07	0.85
5.000	1.14	11.033	4.40	17.067	1.28	23.10	0.85
5.033	1.14	11.067	4.40	17.100	1.28	23.13	0.85
5.067	1.14	11.100	5.61	17.133	1.28	23.17	0.85
5.100	1.14	11.133	6.82	17.167	1.28	23.20	0.85
5.133	1.14	11.167	6.82	17.200	1.28	23.23	0.85
5.167	1.14	11.200	6.82	17.233	1.28	23.27	0.85
5.200	1.14	11.233	6.82	17.267	1.28	23.30	0.85
5.233	1.14	11.267	6.82	17.300	1.28	23.33	0.85
5.267	1.14	11.300	6.82	17.333	1.28	23.37	0.85
5.300	1.14	11.333	6.82	17.367	1.28	23.40	0.85
5.333	1.14	11.367	6.82	17.400	1.28	23.43	0.85
5.367	1.14	11.400	6.82	17.433	1.28	23.47	0.85
5.400	1.14	11.433	6.82	17.467	1.28	23.50	0.85
5.433	1.14	11.467	6.82	17.500	1.28	23.53	0.85
5.467	1.14	11.500	6.82	17.533	1.28	23.57	0.85
5.500	1.14	11.533	6.82	17.567	1.28	23.60	0.85
5.533	1.14	11.567	6.82	17.600	1.28	23.63	0.85
5.567	1.14	11.600	13.94	17.633	1.28	23.67	0.85
5.600	1.14	11.633	21.03	17.667	1.28	23.70	0.85
5.633	1.14	11.667	21.03	17.700	1.28	23.73	0.85
5.667	1.14	11.700	21.03	17.733	1.28	23.77	0.85
5.700	1.14	11.733	21.03	17.767	1.28	23.80	0.85
5.733	1.14	11.767	21.03	17.800	1.28	23.83	0.85
5.767	1.14	11.800	21.03	17.833	1.28	23.87	0.85
5.800	1.14	11.833	21.11	17.867	1.28	23.90	0.85
5.833	1.14	11.867	86.95	17.900	1.28	23.93	0.85
5.867	1.14	11.900	86.95	17.933	1.28	23.97	0.85
5.900	1.14	11.933	86.95	17.967	1.28	24.00	0.85
5.933	1.14	11.967	86.95	18.000	1.28	24.03	0.85
5.967	1.14	12.000	86.95	18.033	1.28	24.07	0.85
6.000	1.14	12.033	86.95	18.067	1.28	24.10	0.43
6.033	1.14	12.067	86.95	18.100	1.28		

Unit Hyd Qpeak (cms)= 0.565

PEAK FLOW (cms)= 0.255 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 31.356
TOTAL RAINFALL (mm)= 71.040
RUNOFF COEFFICIENT = 0.441

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0106)	Area	(ha)=	0.36	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)=	3.00
	U.H. Tp	(hrs)=	0.14		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.14	12.100	48.48	18.13	1.28
0.067	0.00	6.100	1.21	12.133	10.23	18.17	1.28
0.100	0.39	6.133	1.28	12.167	10.23	18.20	1.28
0.133	0.78	6.167	1.28	12.200	10.23	18.23	1.28
0.167	0.78	6.200	1.28	12.233	10.23	18.27	1.28
0.200	0.78	6.233	1.28	12.267	10.23	18.30	1.28
0.233	0.78	6.267	1.28	12.300	10.23	18.33	1.28
0.267	0.78	6.300	1.28	12.333	10.23	18.37	1.28
0.300	0.78	6.333	1.28	12.367	10.23	18.40	1.28
0.333	0.78	6.367	1.28	12.400	10.23	18.43	1.28
0.367	0.78	6.400	1.28	12.433	10.23	18.47	1.28
0.400	0.78	6.433	1.28	12.467	10.23	18.50	1.28
0.433	0.78	6.467	1.28	12.500	10.23	18.53	1.28
0.467	0.78	6.500	1.28	12.533	10.23	18.57	1.28
0.500	0.78	6.533	1.28	12.567	10.23	18.60	1.28
0.533	0.78	6.567	1.28	12.600	7.74	18.63	1.28
0.567	0.78	6.600	1.28	12.633	5.26	18.67	1.28
0.600	0.78	6.633	1.28	12.667	5.26	18.70	1.28
0.633	0.78	6.667	1.28	12.700	5.26	18.73	1.28
0.667	0.78	6.700	1.28	12.733	5.26	18.77	1.28
0.700	0.78	6.733	1.28	12.767	5.26	18.80	1.28

5-yr 24hr SCS Type II

0.733	0.78	6.767	1.28	12.800	5.26	18.83	1.28
0.767	0.78	6.800	1.28	12.833	5.26	18.87	1.28
0.800	0.78	6.833	1.28	12.867	5.26	18.90	1.28
0.833	0.78	6.867	1.28	12.900	5.26	18.93	1.28
0.867	0.78	6.900	1.28	12.933	5.26	18.97	1.28
0.900	0.78	6.933	1.28	12.967	5.26	19.00	1.28
0.933	0.78	6.967	1.28	13.000	5.26	19.03	1.28
0.967	0.78	7.000	1.28	13.033	5.26	19.07	1.28
1.000	0.78	7.033	1.28	13.067	5.26	19.10	1.28
1.033	0.78	7.067	1.28	13.100	4.54	19.13	1.28
1.067	0.78	7.100	1.42	13.133	3.84	19.17	1.28
1.100	0.78	7.133	1.56	13.167	3.84	19.20	1.28
1.133	0.78	7.167	1.56	13.200	3.84	19.23	1.28
1.167	0.78	7.200	1.56	13.233	3.84	19.27	1.28
1.200	0.78	7.233	1.56	13.267	3.84	19.30	1.28
1.233	0.78	7.267	1.56	13.300	3.84	19.33	1.28
1.267	0.78	7.300	1.56	13.333	3.84	19.37	1.28
1.300	0.78	7.333	1.56	13.367	3.84	19.40	1.28
1.333	0.78	7.367	1.56	13.400	3.84	19.43	1.28
1.367	0.78	7.400	1.56	13.433	3.84	19.47	1.28
1.400	0.78	7.433	1.56	13.467	3.84	19.50	1.28
1.433	0.78	7.467	1.56	13.500	3.84	19.53	1.28
1.467	0.78	7.500	1.56	13.533	3.84	19.57	1.28
1.500	0.78	7.533	1.56	13.567	3.84	19.60	1.28
1.533	0.78	7.567	1.56	13.600	3.41	19.63	1.28
1.567	0.78	7.600	1.56	13.633	2.98	19.67	1.28
1.600	0.78	7.633	1.56	13.667	2.98	19.70	1.28
1.633	0.78	7.667	1.56	13.700	2.98	19.73	1.28
1.667	0.78	7.700	1.56	13.733	2.98	19.77	1.28
1.700	0.78	7.733	1.56	13.767	2.98	19.80	1.28
1.733	0.78	7.767	1.56	13.800	2.98	19.83	1.28
1.767	0.78	7.800	1.56	13.833	2.98	19.87	1.28
1.800	0.78	7.833	1.56	13.867	2.98	19.90	1.28
1.833	0.78	7.867	1.56	13.900	2.98	19.93	1.28
1.867	0.78	7.900	1.56	13.933	2.98	19.97	1.28
1.900	0.78	7.933	1.56	13.967	2.98	20.00	1.28
1.933	0.78	7.967	1.56	14.000	2.98	20.03	1.28
1.967	0.78	8.000	1.56	14.033	2.98	20.07	1.28
2.000	0.78	8.033	1.56	14.067	2.98	20.10	1.07
2.033	0.78	8.067	1.56	14.100	2.56	20.13	0.85
2.067	0.78	8.100	1.70	14.133	2.13	20.17	0.85
2.100	0.85	8.133	1.85	14.167	2.13	20.20	0.85
2.133	0.92	8.167	1.85	14.200	2.13	20.23	0.85
2.167	0.92	8.200	1.85	14.233	2.13	20.27	0.85
2.200	0.92	8.233	1.85	14.267	2.13	20.30	0.85
2.233	0.92	8.267	1.85	14.300	2.13	20.33	0.85
2.267	0.92	8.300	1.85	14.333	2.13	20.37	0.85
2.300	0.92	8.333	1.85	14.367	2.13	20.40	0.85
2.333	0.92	8.367	1.85	14.400	2.13	20.43	0.85
2.367	0.92	8.400	1.85	14.433	2.13	20.47	0.85
2.400	0.92	8.433	1.85	14.467	2.13	20.50	0.85
2.433	0.92	8.467	1.85	14.500	2.13	20.53	0.85
2.467	0.92	8.500	1.85	14.533	2.13	20.57	0.85
2.500	0.92	8.533	1.85	14.567	2.13	20.60	0.85
2.533	0.92	8.567	1.85	14.600	2.13	20.63	0.85
2.567	0.92	8.600	1.92	14.633	2.13	20.67	0.85
2.600	0.92	8.633	1.99	14.667	2.13	20.70	0.85
2.633	0.92	8.667	1.99	14.700	2.13	20.73	0.85
2.667	0.92	8.700	1.99	14.733	2.13	20.77	0.85
2.700	0.92	8.733	1.99	14.767	2.13	20.80	0.85
2.733	0.92	8.767	1.99	14.800	2.13	20.83	0.85
2.767	0.92	8.800	1.99	14.833	2.13	20.87	0.85
2.800	0.92	8.833	1.99	14.867	2.13	20.90	0.85
2.833	0.92	8.867	1.99	14.900	2.13	20.93	0.85
2.867	0.92	8.900	1.99	14.933	2.13	20.97	0.85
2.900	0.92	8.933	1.99	14.967	2.13	21.00	0.85
2.933	0.92	8.967	1.99	15.000	2.13	21.03	0.85
2.967	0.92	9.000	1.99	15.033	2.13	21.07	0.85
3.000	0.92	9.033	1.99	15.067	2.13	21.10	0.85
3.033	0.92	9.067	1.99	15.100	2.13	21.13	0.85
3.067	0.92	9.100	2.13	15.133	2.13	21.17	0.85
3.100	0.92	9.133	2.27	15.167	2.13	21.20	0.85
3.133	0.92	9.167	2.27	15.200	2.13	21.23	0.85
3.167	0.92	9.200	2.27	15.233	2.13	21.27	0.85
3.200	0.92	9.233	2.27	15.267	2.13	21.30	0.85
3.233	0.92	9.267	2.27	15.300	2.13	21.33	0.85
3.267	0.92	9.300	2.27	15.333	2.13	21.37	0.85
3.300	0.92	9.333	2.27	15.367	2.13	21.40	0.85
3.333	0.92	9.367	2.27	15.400	2.13	21.43	0.85
3.367	0.92	9.400	2.27	15.433	2.13	21.47	0.85
3.400	0.92	9.433	2.27	15.467	2.13	21.50	0.85
3.433	0.92	9.467	2.27	15.500	2.13	21.53	0.85
3.467	0.92	9.500	2.27	15.533	2.13	21.57	0.85
3.500	0.92	9.533	2.27	15.567	2.13	21.60	0.85
3.533	0.92	9.567	2.27	15.600	2.13	21.63	0.85
3.567	0.92	9.600	2.42	15.633	2.13	21.67	0.85
3.600	0.92	9.633	2.56	15.667	2.13	21.70	0.85
3.633	0.92	9.667	2.56	15.700	2.13	21.73	0.85
3.667	0.92	9.700	2.56	15.733	2.13	21.77	0.85
3.700	0.92	9.733	2.56	15.767	2.13	21.80	0.85
3.733	0.92	9.767	2.56	15.800	2.13	21.83	0.85
3.767	0.92	9.800	2.56	15.833	2.13	21.87	0.85
3.800	0.92	9.833	2.56	15.867	2.13	21.90	0.85
3.833	0.92	9.867	2.56	15.900	2.13	21.93	0.85
3.867	0.92	9.900	2.56	15.933	2.13	21.97	0.85
3.900	0.92	9.933	2.56	15.967	2.13	22.00	0.85
3.933	0.92	9.967	2.56	16.000	2.13	22.03	0.85
3.967	0.92	10.000	2.56	16.033	2.13	22.07	0.85
4.000	0.92	10.033	2.56	16.067	2.13	22.10	0.85
4.033	0.92	10.067	2.56	16.100	1.70	22.13	0.85
4.067	0.92	10.100	2.91	16.133	1.28	22.17	0.85
4.100	1.03	10.133	3.27	16.167	1.28	22.20	0.85
4.133	1.14	10.167	3.27	16.200	1.28	22.23	0.85
4.167	1.14	10.200	3.27	16.233	1.28	22.27	0.85
4.200	1.14	10.233	3.27	16.267	1.28	22.30	0.85
4.233	1.14	10.267	3.27	16.300	1.28	22.33	0.85
4.267	1.14	10.300	3.27	16.333	1.28	22.37	0.85
4.300	1.14	10.333	3.27	16.367	1.28	22.40	0.85
4.333	1.14	10.367	3.27	16.400	1.28	22.43	0.85
4.367	1.14	10.400	3.27	16.433	1.28	22.47	0.85
4.400	1.14	10.433	3.27	16.467	1.28	22.50	0.85
4.433	1.14	10.467	3.27	16.500	1.28	22.53	0.85
4.467	1.14	10.500	3.27	16.533	1.28	22.57	0.85
4.500	1.14	10.533	3.27	16.567	1.28	22.60	0.85
4.533	1.14	10.567	3.27	16.600	1.28	22.63	0.85
4.567	1.14	10.600	3.84	16.633	1.28	22.67	0.85
4.600	1.14	10.633	4.40	16.667	1.28	22.70	0.85
4.633	1.14	10.667	4.40	16.700	1.28	22.73	0.85
4.667	1.14	10.700	4.40	16.733	1.28	22.77	0.85
4.700	1.14	10.733	4.40	16.767	1.28	22.80	0.85
4.733	1.14	10.767	4.40	16.800	1.28	22.83	0.85
4.767	1.14	10.800	4.40	16.833	1.28	22.87	0.85
4.800	1.14	10.833	4.40	16.867	1.28	22.90	0.85
4.833	1.14	10.867	4.40	16.900	1.28	22.93	0.85
4.867	1.14	10.900	4.40	16.933	1.28	22.97	0.85
4.900	1.14	10.933	4.40	16.967	1.28	23.00	0.85
4.933	1.14	10.967	4.40	17.000	1.28	23.03	0.85
4.967	1.14	11.000	4.40	17.033	1.28	23.07	0.85
5.000	1.14	11.033	4.40	17.067	1.28	23.10	0.85
5.033	1.14	11.067	4.40	17.100	1.28	23.13	0.85
5.067	1.14	11.100	5.61	17.133	1.28	23.17	0.85
5.100	1.14	11.133	6.82	17.167	1.28	23.20	0.85
5.133	1.14	11.167	6.82	17.200	1.28	23.23	0.85
5.167	1.14	11.200	6.82	17.233	1.28	23.27	0.85
5.200	1.14	11.233	6.82	17.267	1.28	23.30	0.85
5.233	1.14	11.267	6.82	17.300	1.28	23.33	0.85
5.267	1.14	11.300	6.82	17.333	1.28	23.37	0.85
5.300	1.14	11.333	6.82	17.367	1.28	23.40	0.85
5.333	1.14	11.367	6.82	17.400	1.28	23.43	0.85
5.367	1.14	11.400	6.82	17.433	1.28	23.47	0.85
5.400	1.14	11.433	6.82	17.467	1.28	23.50	0.85
5.433	1.14	11.467	6.82	17.500	1.28	23.53	0.85
5.467	1.14	11.500	6.82	17.533	1.28	23.57	0.85
5.500	1.14	11.533	6.82	17.567	1.28	23.60	0.85
5.533	1.14	11.567	6.82	17.600	1.28	23.63	0.85
5.567	1.14	11.600	13.94	17.633	1.28	23.67	0.85
5.600	1.14	11.633	21.03	17.667	1.28	23.70	0.85
5.633	1.14	11.667	21.03	17.700	1.28	23.73	0.85
5.667	1.14	11.700	21.03	17.733	1.28	23.77	0.85
5.700	1.14	11.733	21.03	17.767	1.28	23.80	0.85
5.733	1.14	11.767	21.03	17.800	1.28	23.83	0.85
5.767	1.14	11.800	21.03	17.833	1.28	23.87	0.85
5.800	1.14	11.833	21.11	17.867	1.28	23.90	0.85
5.833	1.14	11.867	86.95	17.900	1.28	23.93	0.85
5.867	1.14	11.900	86.95	17.933	1.28	23.97	0.85
5.900	1.14	11.933	86.95	17.967	1.28	24.00	0.85
5.933	1.14	11.967	86.95	18.000	1.28	24.03	0.85
5.967	1.14	12.000	86.95	18.033	1.28	24.07	0.85
6.000	1.14	12.033	86.95	18.067	1.28	24.10	0.43
6.033	1.14	12.067	86.95	18.100	1.28		

Unit Hyd Qpeak (cms)= 0.098

PEAK FLOW (cms)= 0.036 (i)
TIME TO PEAK (hrs)= 12.133
RUNOFF VOLUME (mm)= 31.350
TOTAL RAINFALL (mm)= 71.040
RUNOFF COEFFICIENT = 0.441

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0104)	Area (ha)= 0.95		
ID= 1 DT= 1.0 min	Total Imp(%)= 53.00	Dir. Conn.(%)= 26.00	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.50	0.45
Dep. Storage	(mm)=	1.00	6.75
Average Slope	(%)=	1.00	2.00
Length	(m)=	50.00	40.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.050	1.14	12.083	86.95	18.12	1.28
0.033	0.00	6.067	1.14	12.100	10.29	18.13	1.28
0.050	0.00	6.083	1.14	12.117	10.23	18.15	1.28
0.067	0.00	6.100	1.28	12.133	10.23	18.17	1.28
0.083	0.00	6.117	1.28	12.150	10.23	18.18	1.28
0.100	0.78	6.133	1.28	12.167	10.23	18.20	1.28
0.117	0.78	6.150	1.28	12.183	10.23	18.22	1.28
0.133	0.78	6.167	1.28	12.200	10.23	18.23	1.28
0.150	0.78	6.183	1.28	12.217	10.23	18.25	1.28
0.167	0.78	6.200	1.28	12.233	10.23	18.27	1.28
0.183	0.78	6.217	1.28	12.250	10.23	18.28	1.28
0.200	0.78	6.233	1.28	12.267	10.23	18.30	1.28
0.217	0.78	6.250	1.28	12.283	10.23	18.32	1.28
0.233	0.78	6.267	1.28	12.300	10.23	18.33	1.28
0.250	0.78	6.283	1.28	12.317	10.23	18.35	1.28
0.267	0.78	6.300	1.28	12.333	10.23	18.37	1.28
0.283	0.78	6.317	1.28	12.350	10.23	18.38	1.28
0.300	0.78	6.333	1.28	12.367	10.23	18.40	1.28
0.317	0.78	6.350	1.28	12.383	10.23	18.42	1.28
0.333	0.78	6.367	1.28	12.400	10.23	18.43	1.28
0.350	0.78	6.383	1.28	12.417	10.23	18.45	1.28
0.367	0.78	6.400	1.28	12.433	10.23	18.47	1.28
0.383	0.78	6.417	1.28	12.450	10.23	18.48	1.28
0.400	0.78	6.433	1.28	12.467	10.23	18.50	1.28
0.417	0.78	6.450	1.28	12.483	10.23	18.52	1.28
0.433	0.78	6.467	1.28	12.500	10.23	18.53	1.28
0.450	0.78	6.483	1.28	12.517	10.23	18.55	1.28
0.467	0.78	6.500	1.28	12.533	10.23	18.57	1.28
0.483	0.78	6.517	1.28	12.550	10.23	18.58	1.28
0.500	0.78	6.533	1.28	12.567	10.23	18.60	1.28
0.517	0.78	6.550	1.28	12.583	10.23	18.62	1.28
0.533	0.78	6.567	1.28	12.600	5.26	18.63	1.28
0.550	0.78	6.583	1.28	12.617	5.26	18.65	1.28
0.567	0.78	6.600	1.28	12.633	5.26	18.67	1.28
0.583	0.78	6.617	1.28	12.650	5.26	18.68	1.28
0.600	0.78	6.633	1.28	12.667	5.26	18.70	1.28
0.617	0.78	6.650	1.28	12.683	5.26	18.72	1.28
0.633	0.78	6.667	1.28	12.700	5.26	18.73	1.28
0.650	0.78	6.683	1.28	12.717	5.26	18.75	1.28
0.667	0.78	6.700	1.28	12.733	5.26	18.77	1.28
0.683	0.78	6.717	1.28	12.750	5.26	18.78	1.28
0.700	0.78	6.733	1.28	12.767	5.26	18.80	1.28
0.717	0.78	6.750	1.28	12.783	5.26	18.82	1.28
0.733	0.78	6.767	1.28	12.800	5.26	18.83	1.28
0.750	0.78	6.783	1.28	12.817	5.26	18.85	1.28
0.767	0.78	6.800	1.28	12.833	5.26	18.87	1.28
0.783	0.78	6.817	1.28	12.850	5.26	18.88	1.28
0.800	0.78	6.833	1.28	12.867	5.26	18.90	1.28
0.817	0.78	6.850	1.28	12.883	5.26	18.92	1.28
0.833	0.78	6.867	1.28	12.900	5.26	18.93	1.28
0.850	0.78	6.883	1.28	12.917	5.26	18.95	1.28
0.867	0.78	6.900	1.28	12.933	5.26	18.97	1.28
0.883	0.78	6.917	1.28	12.950	5.26	18.98	1.28
0.900	0.78	6.933	1.28	12.967	5.26	19.00	1.28
0.917	0.78	6.950	1.28	12.983	5.26	19.02	1.28
0.933	0.78	6.967	1.28	13.000	5.26	19.03	1.28
0.950	0.78	6.983	1.28	13.017	5.26	19.05	1.28
0.967	0.78	7.000	1.28	13.033	5.26	19.07	1.28
0.983	0.78	7.017	1.28	13.050	5.26	19.08	1.28
1.000	0.78	7.033	1.28	13.067	5.26	19.10	1.28
1.017	0.78	7.050	1.28	13.083	5.26	19.12	1.28
1.033	0.78	7.067	1.28	13.100	3.84	19.13	1.28
1.050	0.78	7.083	1.28	13.117	3.84	19.15	1.28
1.067	0.78	7.100	1.56	13.133	3.84	19.17	1.28
1.083	0.78	7.117	1.56	13.150	3.84	19.18	1.28
1.100	0.78	7.133	1.56	13.167	3.84	19.20	1.28
1.117	0.78	7.150	1.56	13.183	3.84	19.22	1.28
1.133	0.78	7.167	1.56	13.200	3.84	19.23	1.28
1.150	0.78	7.183	1.56	13.217	3.84	19.25	1.28
1.167	0.78	7.200	1.56	13.233	3.84	19.27	1.28
1.183	0.78	7.217	1.56	13.250	3.84	19.28	1.28
1.200	0.78	7.233	1.56	13.267	3.84	19.30	1.28
1.217	0.78	7.250	1.56	13.283	3.84	19.32	1.28
1.233	0.78	7.267	1.56	13.300	3.84	19.33	1.28
1.250	0.78	7.283	1.56	13.317	3.84	19.35	1.28
1.267	0.78	7.300	1.56	13.333	3.84	19.37	1.28
1.283	0.78	7.317	1.56	13.350	3.84	19.38	1.28
1.300	0.78	7.333	1.56	13.367	3.84	19.40	1.28
1.317	0.78	7.350	1.56	13.383	3.84	19.42	1.28
1.333	0.78	7.367	1.56	13.400	3.84	19.43	1.28
1.350	0.78	7.383	1.56	13.417	3.84	19.45	1.28
1.367	0.78	7.400	1.56	13.433	3.84	19.47	1.28
1.383	0.78	7.417	1.56	13.450	3.84	19.48	1.28
1.400	0.78	7.433	1.56	13.467	3.84	19.50	1.28
1.417	0.78	7.450	1.56	13.483	3.84	19.52	1.28
1.433	0.78	7.467	1.56	13.500	3.84	19.53	1.28
1.450	0.78	7.483	1.56	13.517	3.84	19.55	1.28
1.467	0.78	7.500	1.56	13.533	3.84	19.57	1.28
1.483	0.78	7.517	1.56	13.550	3.84	19.58	1.28
1.500	0.78	7.533	1.56	13.567	3.84	19.60	1.28
1.517	0.78	7.550	1.56	13.583	3.84	19.62	1.28
1.533	0.78	7.567	1.56	13.600	2.99	19.63	1.28
1.550	0.78	7.583	1.56	13.617	2.98	19.65	1.28
1.567	0.78	7.600	1.56	13.633	2.98	19.67	1.28
1.583	0.78	7.617	1.56	13.650	2.98	19.68	1.28
1.600	0.78	7.633	1.56	13.667	2.98	19.70	1.28

5-yr 24hr SCS Type II

1.617	0.78	7.650	1.56	13.683	2.98	19.72	1.28
1.633	0.78	7.667	1.56	13.700	2.98	19.73	1.28
1.650	0.78	7.683	1.56	13.717	2.98	19.75	1.28
1.667	0.78	7.700	1.56	13.733	2.98	19.77	1.28
1.683	0.78	7.717	1.56	13.750	2.98	19.78	1.28
1.700	0.78	7.733	1.56	13.767	2.98	19.80	1.28
1.717	0.78	7.750	1.56	13.783	2.98	19.82	1.28
1.733	0.78	7.767	1.56	13.800	2.98	19.83	1.28
1.750	0.78	7.783	1.56	13.817	2.98	19.85	1.28
1.767	0.78	7.800	1.56	13.833	2.98	19.87	1.28
1.783	0.78	7.817	1.56	13.850	2.98	19.88	1.28
1.800	0.78	7.833	1.56	13.867	2.98	19.90	1.28
1.817	0.78	7.850	1.56	13.883	2.98	19.92	1.28
1.833	0.78	7.867	1.56	13.900	2.98	19.93	1.28
1.850	0.78	7.883	1.56	13.917	2.98	19.95	1.28
1.867	0.78	7.900	1.56	13.933	2.98	19.97	1.28
1.883	0.78	7.917	1.56	13.950	2.98	19.98	1.28
1.900	0.78	7.933	1.56	13.967	2.98	20.00	1.28
1.917	0.78	7.950	1.56	13.983	2.98	20.02	1.28
1.933	0.78	7.967	1.56	14.000	2.98	20.03	1.28
1.950	0.78	7.983	1.56	14.017	2.98	20.05	1.28
1.967	0.78	8.000	1.56	14.033	2.98	20.07	1.28
1.983	0.78	8.017	1.56	14.050	2.98	20.08	1.28
2.000	0.78	8.033	1.56	14.067	2.98	20.10	0.86
2.017	0.78	8.050	1.56	14.083	2.98	20.12	0.85
2.033	0.78	8.067	1.56	14.100	2.13	20.13	0.85
2.050	0.78	8.083	1.56	14.117	2.13	20.15	0.85
2.067	0.78	8.100	1.85	14.133	2.13	20.17	0.85
2.083	0.78	8.117	1.85	14.150	2.13	20.18	0.85
2.100	0.92	8.133	1.85	14.167	2.13	20.20	0.85
2.117	0.92	8.150	1.85	14.183	2.13	20.22	0.85
2.133	0.92	8.167	1.85	14.200	2.13	20.23	0.85
2.150	0.92	8.183	1.85	14.217	2.13	20.25	0.85
2.167	0.92	8.200	1.85	14.233	2.13	20.27	0.85
2.183	0.92	8.217	1.85	14.250	2.13	20.28	0.85
2.200	0.92	8.233	1.85	14.267	2.13	20.30	0.85
2.217	0.92	8.250	1.85	14.283	2.13	20.32	0.85
2.233	0.92	8.267	1.85	14.300	2.13	20.33	0.85
2.250	0.92	8.283	1.85	14.317	2.13	20.35	0.85
2.267	0.92	8.300	1.85	14.333	2.13	20.37	0.85
2.283	0.92	8.317	1.85	14.350	2.13	20.38	0.85
2.300	0.92	8.333	1.85	14.367	2.13	20.40	0.85
2.317	0.92	8.350	1.85	14.383	2.13	20.42	0.85
2.333	0.92	8.367	1.85	14.400	2.13	20.43	0.85
2.350	0.92	8.383	1.85	14.417	2.13	20.45	0.85
2.367	0.92	8.400	1.85	14.433	2.13	20.47	0.85
2.383	0.92	8.417	1.85	14.450	2.13	20.48	0.85
2.400	0.92	8.433	1.85	14.467	2.13	20.50	0.85
2.417	0.92	8.450	1.85	14.483	2.13	20.52	0.85
2.433	0.92	8.467	1.85	14.500	2.13	20.53	0.85
2.450	0.92	8.483	1.85	14.517	2.13	20.55	0.85
2.467	0.92	8.500	1.85	14.533	2.13	20.57	0.85
2.483	0.92	8.517	1.85	14.550	2.13	20.58	0.85
2.500	0.92	8.533	1.85	14.567	2.13	20.60	0.85
2.517	0.92	8.550	1.85	14.583	2.13	20.62	0.85
2.533	0.92	8.567	1.85	14.600	2.13	20.63	0.85
2.550	0.92	8.583	1.85	14.617	2.13	20.65	0.85
2.567	0.92	8.600	1.99	14.633	2.13	20.67	0.85
2.583	0.92	8.617	1.99	14.650	2.13	20.68	0.85
2.600	0.92	8.633	1.99	14.667	2.13	20.70	0.85
2.617	0.92	8.650	1.99	14.683	2.13	20.72	0.85
2.633	0.92	8.667	1.99	14.700	2.13	20.73	0.85
2.650	0.92	8.683	1.99	14.717	2.13	20.75	0.85
2.667	0.92	8.700	1.99	14.733	2.13	20.77	0.85
2.683	0.92	8.717	1.99	14.750	2.13	20.78	0.85
2.700	0.92	8.733	1.99	14.767	2.13	20.80	0.85
2.717	0.92	8.750	1.99	14.783	2.13	20.82	0.85
2.733	0.92	8.767	1.99	14.800	2.13	20.83	0.85
2.750	0.92	8.783	1.99	14.817	2.13	20.85	0.85
2.767	0.92	8.800	1.99	14.833	2.13	20.87	0.85
2.783	0.92	8.817	1.99	14.850	2.13	20.88	0.85
2.800	0.92	8.833	1.99	14.867	2.13	20.90	0.85
2.817	0.92	8.850	1.99	14.883	2.13	20.92	0.85
2.833	0.92	8.867	1.99	14.900	2.13	20.93	0.85
2.850	0.92	8.883	1.99	14.917	2.13	20.95	0.85
2.867	0.92	8.900	1.99	14.933	2.13	20.97	0.85
2.883	0.92	8.917	1.99	14.950	2.13	20.98	0.85
2.900	0.92	8.933	1.99	14.967	2.13	21.00	0.85
2.917	0.92	8.950	1.99	14.983	2.13	21.02	0.85
2.933	0.92	8.967	1.99	15.000	2.13	21.03	0.85
2.950	0.92	8.983	1.99	15.017	2.13	21.05	0.85
2.967	0.92	9.000	1.99	15.033	2.13	21.07	0.85
2.983	0.92	9.017	1.99	15.050	2.13	21.08	0.85
3.000	0.92	9.033	1.99	15.067	2.13	21.10	0.85
3.017	0.92	9.050	1.99	15.083	2.13	21.12	0.85
3.033	0.92	9.067	1.99	15.100	2.13	21.13	0.85
3.050	0.92	9.083	1.99	15.117	2.13	21.15	0.85
3.067	0.92	9.100	2.27	15.133	2.13	21.17	0.85
3.083	0.92	9.117	2.27	15.150	2.13	21.18	0.85
3.100	0.92	9.133	2.27	15.167	2.13	21.20	0.85
3.117	0.92	9.150	2.27	15.183	2.13	21.22	0.85
3.133	0.92	9.167	2.27	15.200	2.13	21.23	0.85
3.150	0.92	9.183	2.27	15.217	2.13	21.25	0.85
3.167	0.92	9.200	2.27	15.233	2.13	21.27	0.85
3.183	0.92	9.217	2.27	15.250	2.13	21.28	0.85
3.200	0.92	9.233	2.27	15.267	2.13	21.30	0.85
3.217	0.92	9.250	2.27	15.283	2.13	21.32	0.85
3.233	0.92	9.267	2.27	15.300	2.13	21.33	0.85
3.250	0.92	9.283	2.27	15.317	2.13	21.35	0.85
3.267	0.92	9.300	2.27	15.333	2.13	21.37	0.85
3.283	0.92	9.317	2.27	15.350	2.13	21.38	0.85
3.300	0.92	9.333	2.27	15.367	2.13	21.40	0.85
3.317	0.92	9.350	2.27	15.383	2.13	21.42	0.85
3.333	0.92	9.367	2.27	15.400	2.13	21.43	0.85
3.350	0.92	9.383	2.27	15.417	2.13	21.45	0.85
3.367	0.92	9.400	2.27	15.433	2.13	21.47	0.85
3.383	0.92	9.417	2.27	15.450	2.13	21.48	0.85
3.400	0.92	9.433	2.27	15.467	2.13	21.50	0.85
3.417	0.92	9.450	2.27	15.483	2.13	21.52	0.85
3.433	0.92	9.467	2.27	15.500	2.13	21.53	0.85
3.450	0.92	9.483	2.27	15.517	2.13	21.55	0.85
3.467	0.92	9.500	2.27	15.533	2.13	21.57	0.85
3.483	0.92	9.517	2.27	15.550	2.13	21.58	0.85
3.500	0.92	9.533	2.27	15.567	2.13	21.60	0.85
3.517	0.92	9.550	2.27	15.583	2.13	21.62	0.85
3.533	0.92	9.567	2.27	15.600	2.13	21.63	0.85
3.550	0.92	9.583	2.27	15.617	2.13	21.65	0.85
3.567	0.92	9.600	2.56	15.633	2.13	21.67	0.85
3.583	0.92	9.617	2.56	15.650	2.13	21.68	0.85
3.600	0.92	9.633	2.56	15.667	2.13	21.70	0.85
3.617	0.92	9.650	2.56	15.683	2.13	21.72	0.85
3.633	0.92	9.667	2.56	15.700	2.13	21.73	0.85
3.650	0.92	9.683	2.56	15.717	2.13	21.75	0.85
3.667	0.92	9.700	2.56	15.733	2.13	21.77	0.85
3.683	0.92	9.717	2.56	15.750	2.13	21.78	0.85
3.700	0.92	9.733	2.56	15.767	2.13	21.80	0.85
3.717	0.92	9.750	2.56	15.783	2.13	21.82	0.85
3.733	0.92	9.767	2.56	15.800	2.13	21.83	0.85
3.750	0.92	9.783	2.56	15.817	2.13	21.85	0.85
3.767	0.92	9.800	2.56	15.833	2.13	21.87	0.85
3.783	0.92	9.817	2.56	15.850	2.13	21.88	0.85
3.800	0.92	9.833	2.56	15.867	2.13	21.90	0.85
3.817	0.92	9.850	2.56	15.883	2.13	21.92	0.85
3.833	0.92	9.867	2.56	15.900	2.13	21.93	0.85
3.850	0.92	9.883	2.56	15.917	2.13	21.95	0.85
3.867	0.92	9.900	2.56	15.933	2.13	21.97	0.85
3.883	0.92	9.917	2.56	15.950	2.13	21.98	0.85
3.900	0.92	9.933	2.56	15.967	2.13	22.00	0.85
3.917	0.92	9.950	2.56	15.983	2.13	22.02	0.85
3.933	0.92	9.967	2.56	16.000	2.13	22.03	0.85
3.950	0.92	9.983	2.56	16.017	2.13	22.05	0.85
3.967	0.92	10.000	2.56	16.033	2.13	22.07	0.85
3.983	0.92	10.017	2.56	16.050	2.13	22.08	0.85
4.000	0.92	10.033	2.56	16.067	2.13	22.10	0.85
4.017	0.92	10.050	2.56	16.083	2.13	22.12	0.85
4.033	0.92	10.067	2.56	16.100	2.13	22.13	0.85
4.050	0.92	10.083	2.56	16.117	2.13	22.15	0.85
4.067	0.92	10.100	3.27	16.133	2.13	22.17	0.85
4.083	0.92	10.117	3.27	16.150	2.13	22.18	0.85
4.100	1.14	10.133	3.27	16.167	2.13	22.20	0.85
4.117	1.14	10.150	3.27	16.183	2.13	22.22	0.85
4.133	1.14	10.167	3.27	16.200	2.13	22.23	0.85
4.150	1.14	10.183	3.27	16.217	2.13	22.25	0.85
4.167	1.14	10.200	3.27	16.233	2.13	22.27	0.85
4.183	1.14	10.217	3.27	16.250	2.13	22.28	0.85
4.200	1.14	10.233	3.27	16.267	2.13	22.30	0.85
4.217	1.14	10.250	3.27	16.283	2.13	22.32	0.85
4.233	1.14	10.267	3.27	16.300	2.13	22.33	0.85
4.250	1.14	10.283	3.27	16.317	2.13	22.35	0.85
4.267	1.14	10.300	3.27	16.333	2.13	22.37	0.85
4.283	1.14	10.317	3.27	16.350	2.13	22.38	0.85
4.300	1.14	10.333	3.27	16.367	2.13	22.40	0.85
4.317	1.14	10.350	3.27	16.383	2.13	22.42	0.85
4.333	1.14	10.367	3.27	16.400	2.13	22.43	0.85
4.350	1.14	10.383	3.27	16.417	2.13	22.45	0.85
4.367	1.14	10.400	3.27	16.433	2.13	22.47	0.85
4.383	1.14	10.417	3.27	16.450	2.13	22.48	0.85
4.400	1.14	10.433	3.27	16.467	2.13	22.50	0.85
4.417	1.14	10.450	3.27	16.483	2.13	22.52	0.85
4.433	1.14	10.467	3.27	16.500	2.13	22.53	0.85
4.450	1.14	10.483	3.27	16.517	2.13	22.55	0.85
4.467	1.14	10.500	3.27	16.533	2.13	22.57	0.85
4.483	1.14	10.517	3.27	16.550	2.13	22.58	0.85
4.500	1.14	10.533	3.27	16.567	2.13	22.60	0.85
4.517	1.14	10.550	3.27	16.583	2.13	22.62	0.85
4.533	1.14	10.567	3.27	16.600	2.13	22.63	0.85
4.550	1.14	10.583	3.27	16.617	2.13	22.65	0.85
4.567	1.14	10.600	4.40	16.633	2.13	22.67	0.85
4.583	1.14	10.617	4.40	16.650	2.13	22.68	0.85
4.600	1.14	10.633	4.40	16.667	2.13	22.70	0.85
4.617	1.14	10.650	4.40	16.683	2.13	22.72	0.85
4.633	1.14	10.667	4.40	16.700	2.13	22.73	0.85
4.650	1.14	10.683	4.40	16.717	2.13	22.75	0.85
4.667	1.14	10.700	4.40	16.733	2.13	22.77	0.85
4.683	1.14	10.717	4.40	16.750	2.13	22.78	0.85
4.700	1.14	10.733	4.40	16.767	2.13	22.80	0.85
4.717	1.14	10.750	4.40	16.783	2.13	22.82	0.85
4.733	1.14	10.767	4.40	16.800	2.13	22.83	0.85
4.750	1.14	10.783	4.40	16.817	2.13	22.85	0.85
4.767	1.14	10.800	4.40	16.833	2.13	22.87	0.85
4.783	1.14	10.817	4.40	16.850	2.13	22.88	0.85
4.800	1.14	10.833	4.40	16.867	2.13	22.90	0.85
4.817	1.14	10.850	4.40	16.883	2.13	22.92	0.85
4.833	1.14	10.867	4.40	16.900	2.13	22.93	0.85
4.850	1.14	10.883	4.40	16.917	2.13	22.95	0.85
4.867	1.14	10.900	4.40	16.933	2.13	22.97	0.85
4.883	1.14	10.917	4.40	16.950	2.13	22.98	0.85
4.900	1.14	10.933	4.40	16.967	2.13	23.00	0.85
4.917	1.14	10.950	4.40	16.983	2.13	23.02	0.85
4.933	1.14	10.967	4.40	17.000	2.13	23.03	0.85
4.950	1.14	10.983	4.40	17.017	2.13	23.05	0.85
4.967	1.14	11.000	4.40	17.033	2.13	23.07	0.85
4.983	1.14	11.017	4.40	17.050	2.13	23.08	0.85
5.000	1.14	11.033	4.40	17.067	2.13	23.10	0.85
5.017	1.14	11.050	4.40	17.083	2.13	23.12	0.85
5.033	1.14	11.067	4.40	17.100	2.13	23.13	0.85
5.050	1.14	11.083	4.40	17.117	2.13	23.15	0.85
5.067	1.14	11.100	6.82	17.133	2.13	23.17	0.85
5.083	1.14	11.117	6.82	17.150	2.13	23.18	0.85
5.100	1.14	11.133	6.82	17.167	2.13	23.20	0.85
5.117	1.14	11.150	6.82	17.183	2.13	23.22	0.85
5.133	1.14	11.167	6.82	17.200	2.13	23.23	0.85
5.150	1.14	11.183	6.82	17.217	2.13	23.25	0.85
5.167	1.14	11.200	6.82	17.233	2.13	23.27	0.85
5.183	1.14	11.217	6.82	17.250	2.13	23.28	0.85
5.200	1.14	11.233	6.82	17.267	2.13	23.30	0.85
5.217	1.14	11.250	6.82	17.283	2.13	23.32	0.85
5.233	1.14	11.267	6.82	17.300	2.13	23.33	0.85
5.250	1.14	11.283	6.82	17.317	2.13	23.35	0.85
5.267	1.14	11.300	6.82	17.333	2.13	23.37	0.85
5.283	1.14	11.317	6.82	17.350	2.13	23.38	0.85
5.300	1.14	11.333	6.82	17.367	2.13	23.40	0.85
5.317	1.14	11.350	6.82	17.383	2.13	23.42	0.85
5.333	1.14	11.367	6.82	17.400	2.13	23.43	0.85
5.350	1.14	11.383	6.82	17.417	2.13	23.45	0.85
5.367	1.14	11.400	6.82	17.433	2.13	23.47	0.85
5.383	1.14	11.417	6.82	17.450	2.13	23.48	0.85
5.400	1.14	11.433	6.82	17.467	2.13	23.50	0.85
5.417	1.14	11.450	6.82	17.483	2.13	23.52	0.85
5.433	1.14	11.467	6.82	17.500	2.13	23.53	0.85
5.450	1.14	11.483	6.82	17.517	2.13	23.55	0.85
5.467	1.14	11.500	6.82	17.533	2.13	23.57	0.85
5.483	1.14	11.517	6.82	17.550	2.13	23.58	0.85
5.500	1.14	11.533	6.82	17.567	2.13	23.60	0.85
5.517	1.14	11.550	6.82	17.583	2.13	23.62	0.85
5.533	1.14	11.567	6.82	17.600	2.13	23.63	0.85
5.550	1.14	11.583	6.82	17.617	2.13	23.65	0.85
5.567	1.14	11.600	21.02	17.633	2.13	23.67	0.85
5.583	1.14	11.617	21.03	17.650	2.13	23.68	0.85
5.600	1.14	11.633	21.03	17.667	2.13	23.70	0.85
5.617	1.14	11.650	21.03	17.683	2.13	23.72	0.85
5.633	1.14	11.667	21.03	17.700	2.13	23.73	0.85
5.650	1.14	11.683	21.03	17.717	2.13	23.75	0.85
5.667	1.14	11.700	21.03	17.733	2.13	23.77	0.85
5.683	1.14	11.717	21.03	17.750	2.13	23.78	0.85
5.700	1.14	11.733	21.03	17.767	2.13	23.80	0.85
5.717	1.14	11.750	21.03	17.783	2.13	23.82	0.85
5.733	1.14	11.767	21.03	17.800	2.13	23.83	0.85
5.750	1.14	11.783	21.03	17.817	2.13	23.85	0.85
5.767	1.14	11.800	21.03	17.833	2.13	23.87	0.85
5.783	1.14	11.817	21.03	17.850	2.13	23.88	0.85
5.800	1.14	11.833	21.03	17.867	2.13	23.90	0.85
5.817	1.14	11.850	86.91	17.883	2.13	23.92	0.85
5.833	1.14	11.867	86.95	17.900	2.13	23.93	0.85
5.850	1.14	11.883	86.95	17.917	2.13	23.95	0.85
5.867	1.14	11.900	86.95	17.933	2.13	23.97	0.85
5.883	1.14	11.917	86.95	17.950	2.13	23.98	0.85
5.900	1.14	11.933	86.95	17.967	2.13	24.00	0.85
5.917	1.14	11.950	86.95	17.983	2.13	24.02	0.85
5.933	1.14	11.967	86.95	18.000	2.13	24.03	0.85
5.950	1.14	11.983	86.95	18.017	2.13	24.05	0.85
5.967	1.14	12.000	86.95	18.033	2.13	24.07	0.85
5.983	1.14	12.017	86.95	18.050	2.13	24.08	0.85
6.000	1.14	12.033	86.95	18.067	2.13		
6.017	1.14	12.050	86.95	18.083	2.13		
6.033	1.14	12.067	86.95	18.100	2.13		

Max.Eff.Inten.(mm/hr)=	86.95	95.64	
over (min)	5.00	9.00	
Storage Coeff. (min)=	1.78 (ii)	8.97 (ii)	
Unit Hyd. Tpeak (min)=	5.00	9.00	
Unit Hyd. peak (cms)=	0.39	0.13	
			TOTALS
PEAK FLOW (cms)=	0.06	0.09	0.142 (iii)
TIME TO PEAK (hrs)=	12.08	12.13	12.10
RUNOFF VOLUME (mm)=	70.03	40.64	48.28
TOTAL RAINFALL (mm)=	71.04	71.04	71.04
RUNOFF COEFFICIENT =	0.99	0.57	0.68

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 79.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

5-yr 24hr SCS Type II

CALIB							
NASHYD (0103)	Area	(ha)=	1.47	Curve Number	(CN)=	79.0	
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.	(N)=	3.00	
	U.H. Tp(hrs)=		0.19				

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.14	12.100	48.48	18.13	1.28
0.067	0.00	6.100	1.21	12.133	10.23	18.17	1.28
0.100	0.39	6.133	1.28	12.167	10.23	18.20	1.28
0.133	0.78	6.167	1.28	12.200	10.23	18.23	1.28
0.167	0.78	6.200	1.28	12.233	10.23	18.27	1.28
0.200	0.78	6.233	1.28	12.267	10.23	18.30	1.28
0.233	0.78	6.267	1.28	12.300	10.23	18.33	1.28
0.267	0.78	6.300	1.28	12.333	10.23	18.37	1.28
0.300	0.78	6.333	1.28	12.367	10.23	18.40	1.28
0.333	0.78	6.367	1.28	12.400	10.23	18.43	1.28
0.367	0.78	6.400	1.28	12.433	10.23	18.47	1.28
0.400	0.78	6.433	1.28	12.467	10.23	18.50	1.28
0.433	0.78	6.467	1.28	12.500	10.23	18.53	1.28
0.467	0.78	6.500	1.28	12.533	10.23	18.57	1.28
0.500	0.78	6.533	1.28	12.567	10.23	18.60	1.28
0.533	0.78	6.567	1.28	12.600	7.74	18.63	1.28
0.567	0.78	6.600	1.28	12.633	5.26	18.67	1.28
0.600	0.78	6.633	1.28	12.667	5.26	18.70	1.28
0.633	0.78	6.667	1.28	12.700	5.26	18.73	1.28
0.667	0.78	6.700	1.28	12.733	5.26	18.77	1.28
0.700	0.78	6.733	1.28	12.767	5.26	18.80	1.28
0.733	0.78	6.767	1.28	12.800	5.26	18.83	1.28
0.767	0.78	6.800	1.28	12.833	5.26	18.87	1.28
0.800	0.78	6.833	1.28	12.867	5.26	18.90	1.28
0.833	0.78	6.867	1.28	12.900	5.26	18.93	1.28
0.867	0.78	6.900	1.28	12.933	5.26	18.97	1.28
0.900	0.78	6.933	1.28	12.967	5.26	19.00	1.28
0.933	0.78	6.967	1.28	13.000	5.26	19.03	1.28
0.967	0.78	7.000	1.28	13.033	5.26	19.07	1.28
1.000	0.78	7.033	1.28	13.067	5.26	19.10	1.28
1.033	0.78	7.067	1.28	13.100	4.54	19.13	1.28
1.067	0.78	7.100	1.42	13.133	3.84	19.17	1.28
1.100	0.78	7.133	1.56	13.167	3.84	19.20	1.28
1.133	0.78	7.167	1.56	13.200	3.84	19.23	1.28
1.167	0.78	7.200	1.56	13.233	3.84	19.27	1.28
1.200	0.78	7.233	1.56	13.267	3.84	19.30	1.28
1.233	0.78	7.267	1.56	13.300	3.84	19.33	1.28
1.267	0.78	7.300	1.56	13.333	3.84	19.37	1.28
1.300	0.78	7.333	1.56	13.367	3.84	19.40	1.28
1.333	0.78	7.367	1.56	13.400	3.84	19.43	1.28
1.367	0.78	7.400	1.56	13.433	3.84	19.47	1.28
1.400	0.78	7.433	1.56	13.467	3.84	19.50	1.28
1.433	0.78	7.467	1.56	13.500	3.84	19.53	1.28
1.467	0.78	7.500	1.56	13.533	3.84	19.57	1.28
1.500	0.78	7.533	1.56	13.567	3.84	19.60	1.28
1.533	0.78	7.567	1.56	13.600	3.41	19.63	1.28
1.567	0.78	7.600	1.56	13.633	2.98	19.67	1.28
1.600	0.78	7.633	1.56	13.667	2.98	19.70	1.28
1.633	0.78	7.667	1.56	13.700	2.98	19.73	1.28
1.667	0.78	7.700	1.56	13.733	2.98	19.77	1.28
1.700	0.78	7.733	1.56	13.767	2.98	19.80	1.28
1.733	0.78	7.767	1.56	13.800	2.98	19.83	1.28
1.767	0.78	7.800	1.56	13.833	2.98	19.87	1.28
1.800	0.78	7.833	1.56	13.867	2.98	19.90	1.28
1.833	0.78	7.867	1.56	13.900	2.98	19.93	1.28
1.867	0.78	7.900	1.56	13.933	2.98	19.97	1.28
1.900	0.78	7.933	1.56	13.967	2.98	20.00	1.28
1.933	0.78	7.967	1.56	14.000	2.98	20.03	1.28
1.967	0.78	8.000	1.56	14.033	2.98	20.07	1.28
2.000	0.78	8.033	1.56	14.067	2.98	20.10	1.07
2.033	0.78	8.067	1.56	14.100	2.56	20.13	0.85
2.067	0.78	8.100	1.70	14.133	2.13	20.17	0.85
2.100	0.85	8.133	1.85	14.167	2.13	20.20	0.85
2.133	0.92	8.167	1.85	14.200	2.13	20.23	0.85
2.167	0.92	8.200	1.85	14.233	2.13	20.27	0.85
2.200	0.92	8.233	1.85	14.267	2.13	20.30	0.85
2.233	0.92	8.267	1.85	14.300	2.13	20.33	0.85
2.267	0.92	8.300	1.85	14.333	2.13	20.37	0.85
2.300	0.92	8.333	1.85	14.367	2.13	20.40	0.85
2.333	0.92	8.367	1.85	14.400	2.13	20.43	0.85
2.367	0.92	8.400	1.85	14.433	2.13	20.47	0.85
2.400	0.92	8.433	1.85	14.467	2.13	20.50	0.85
2.433	0.92	8.467	1.85	14.500	2.13	20.53	0.85
2.467	0.92	8.500	1.85	14.533	2.13	20.57	0.85
2.500	0.92	8.533	1.85	14.567	2.13	20.60	0.85
2.533	0.92	8.567	1.85	14.600	2.13	20.63	0.85
2.567	0.92	8.600	1.92	14.633	2.13	20.67	0.85
2.600	0.92	8.633	1.99	14.667	2.13	20.70	0.85
2.633	0.92	8.667	1.99	14.700	2.13	20.73	0.85
2.667	0.92	8.700	1.99	14.733	2.13	20.77	0.85
2.700	0.92	8.733	1.99	14.767	2.13	20.80	0.85
2.733	0.92	8.767	1.99	14.800	2.13	20.83	0.85
2.767	0.92	8.800	1.99	14.833	2.13	20.87	0.85
2.800	0.92	8.833	1.99	14.867	2.13	20.90	0.85
2.833	0.92	8.867	1.99	14.900	2.13	20.93	0.85
2.867	0.92	8.900	1.99	14.933	2.13	20.97	0.85
2.900	0.92	8.933	1.99	14.967	2.13	21.00	0.85
2.933	0.92	8.967	1.99	15.000	2.13	21.03	0.85
2.967	0.92	9.000	1.99	15.033	2.13	21.07	0.85
3.000	0.92	9.033	1.99	15.067	2.13	21.10	0.85
3.033	0.92	9.067	1.99	15.100	2.13	21.13	0.85
3.067	0.92	9.100	2.13	15.133	2.13	21.17	0.85
3.100	0.92	9.133	2.27	15.167	2.13	21.20	0.85
3.133	0.92	9.167	2.27	15.200	2.13	21.23	0.85
3.167	0.92	9.200	2.27	15.233	2.13	21.27	0.85
3.200	0.92	9.233	2.27	15.267	2.13	21.30	0.85
3.233	0.92	9.267	2.27	15.300	2.13	21.33	0.85
3.267	0.92	9.300	2.27	15.333	2.13	21.37	0.85
3.300	0.92	9.333	2.27	15.367	2.13	21.40	0.85
3.333	0.92	9.367	2.27	15.400	2.13	21.43	0.85
3.367	0.92	9.400	2.27	15.433	2.13	21.47	0.85
3.400	0.92	9.433	2.27	15.467	2.13	21.50	0.85
3.433	0.92	9.467	2.27	15.500	2.13	21.53	0.85
3.467	0.92	9.500	2.27	15.533	2.13	21.57	0.85
3.500	0.92	9.533	2.27	15.567	2.13	21.60	0.85
3.533	0.92	9.567	2.27	15.600	2.13	21.63	0.85
3.567	0.92	9.600	2.42	15.633	2.13	21.67	0.85
3.600	0.92	9.633	2.56	15.667	2.13	21.70	0.85
3.633	0.92	9.667	2.56	15.700	2.13	21.73	0.85
3.667	0.92	9.700	2.56	15.733	2.13	21.77	0.85
3.700	0.92	9.733	2.56	15.767	2.13	21.80	0.85
3.733	0.92	9.767	2.56	15.800	2.13	21.83	0.85
3.767	0.92	9.800	2.56	15.833	2.13	21.87	0.85
3.800	0.92	9.833	2.56	15.867	2.13	21.90	0.85
3.833	0.92	9.867	2.56	15.900	2.13	21.93	0.85
3.867	0.92	9.900	2.56	15.933	2.13	21.97	0.85
3.900	0.92	9.933	2.56	15.967	2.13	22.00	0.85
3.933	0.92	9.967	2.56	16.000	2.13	22.03	0.85
3.967	0.92	10.000	2.56	16.033	2.13	22.07	0.85
4.000	0.92	10.033	2.56	16.067	2.13	22.10	0.85
4.033	0.92	10.067	2.56	16.100	1.70	22.13	0.85
4.067	0.92	10.100	2.91	16.133	1.28	22.17	0.85
4.100	1.03	10.133	3.27	16.167	1.28	22.20	0.85
4.133	1.14	10.167	3.27	16.200	1.28	22.23	0.85
4.167	1.14	10.200	3.27	16.233	1.28	22.27	0.85
4.200	1.14	10.233	3.27	16.267	1.28	22.30	0.85
4.233	1.14	10.267	3.27	16.300	1.28	22.33	0.85
4.267	1.14	10.300	3.27	16.333	1.28	22.37	0.85
4.300	1.14	10.333	3.27	16.367	1.28	22.40	0.85
4.333	1.14	10.367	3.27	16.400	1.28	22.43	0.85
4.367	1.14	10.400	3.27	16.433	1.28	22.47	0.85
4.400	1.14	10.433	3.27	16.467	1.28	22.50	0.85
4.433	1.14	10.467	3.27	16.500	1.28	22.53	0.85
4.467	1.14	10.500	3.27	16.533	1.28	22.57	0.85
4.500	1.14	10.533	3.27	16.567	1.28	22.60	0.85
4.533	1.14	10.567	3.27	16.600	1.28	22.63	0.85
4.567	1.14	10.600	3.84	16.633	1.28	22.67	0.85
4.600	1.14	10.633	4.40	16.667	1.28	22.70	0.85
4.633	1.14	10.667	4.40	16.700	1.28	22.73	0.85
4.667	1.14	10.700	4.40	16.733	1.28	22.77	0.85
4.700	1.14	10.733	4.40	16.767	1.28	22.80	0.85
4.733	1.14	10.767	4.40	16.800	1.28	22.83	0.85
4.767	1.14	10.800	4.40	16.833	1.28	22.87	0.85
4.800	1.14	10.833	4.40	16.867	1.28	22.90	0.85
4.833	1.14	10.867	4.40	16.900	1.28	22.93	0.85
4.867	1.14	10.900	4.40	16.933	1.28	22.97	0.85
4.900	1.14	10.933	4.40	16.967	1.28	23.00	0.85
4.933	1.14	10.967	4.40	17.000	1.28	23.03	0.85
4.967	1.14	11.000	4.40	17.033	1.28	23.07	0.85
5.000	1.14	11.033	4.40	17.067	1.28	23.10	0.85
5.033	1.14	11.067	4.40	17.100	1.28	23.13	0.85
5.067	1.14	11.100	5.61	17.133	1.28	23.17	0.85
5.100	1.14	11.133	6.82	17.167	1.28	23.20	0.85
5.133	1.14	11.167	6.82	17.200	1.28	23.23	0.85
5.167	1.14	11.200	6.82	17.233	1.28	23.27	0.85
5.200	1.14	11.233	6.82	17.267	1.28	23.30	0.85
5.233	1.14	11.267	6.82	17.300	1.28	23.33	0.85
5.267	1.14	11.300	6.82	17.333	1.28	23.37	0.85
5.300	1.14	11.333	6.82	17.367	1.28	23.40	0.85
5.333	1.14	11.367	6.82	17.400	1.28	23.43	0.85
5.367	1.14	11.400	6.82	17.433	1.28	23.47	0.85
5.400	1.14	11.433	6.82	17.467	1.28	23.50	0.85
5.433	1.14	11.467	6.82	17.500	1.28	23.53	0.85
5.467	1.14	11.500	6.82	17.533	1.28	23.57	0.85
5.500	1.14	11.533	6.82	17.567	1.28	23.60	0.85
5.533	1.14	11.567	6.82	17.600	1.28	23.63	0.85
5.567	1.14	11.600	13.94	17.633	1.28	23.67	0.85
5.600	1.14	11.633	21.03	17.667	1.28	23.70	0.85
5.633	1.14	11.667	21.03	17.700	1.28	23.73	0.85
5.667	1.14	11.700	21.03	17.733	1.28	23.77	0.85
5.700	1.14	11.733	21.03	17.767	1.28	23.80	0.85
5.733	1.14	11.767	21.03	17.800	1.28	23.83	0.85
5.767	1.14	11.800	21.03	17.833	1.28	23.87	0.85
5.800	1.14	11.833	21.11	17.867	1.28	23.90	0.85
5.833	1.14	11.867	86.95	17.900	1.28	23.93	0.85
5.867	1.14	11.900	86.95	17.933	1.28	23.97	0.85
5.900	1.14	11.933	86.95	17.967	1.28	24.00	0.85
5.933	1.14	11.967	86.95	18.000	1.28	24.03	0.85
5.967	1.14	12.000	86.95	18.033	1.28	24.07	0.85
6.000	1.14	12.033	86.95	18.067	1.28	24.10	0.43
6.033	1.14	12.067	86.95	18.100	1.28		

Unit Hyd Qpeak (cms)= 0.296

PEAK FLOW (cms)= 0.123 (i)
TIME TO PEAK (hrs)= 12.167
RUNOFF VOLUME (mm)= 31.355
TOTAL RAINFALL (mm)= 71.040
RUNOFF COEFFICIENT = 0.441

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB							
NASHYD (0101)	Area	(ha)=	3.15	Curve Number	(CN)=	79.0	
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.	(N)=	3.00	
	U.H. Tp(hrs)=		0.23				

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.14	12.100	48.48	18.13	1.28
0.067	0.00	6.100	1.21	12.133	10.23	18.17	1.28
0.100	0.39	6.133	1.28	12.167	10.23	18.20	1.28
0.133	0.78	6.167	1.28	12.200	10.23	18.23	1.28
0.167	0.78	6.200	1.28	12.233	10.23	18.27	1.28
0.200	0.78	6.233	1.28	12.267	10.23	18.30	1.28
0.233	0.78	6.267	1.28	12.300	10.23	18.33	1.28
0.267	0.78	6.300	1.28	12.333	10.23	18.37	1.28
0.300	0.78	6.333	1.28	12.367	10.23	18.40	1.28
0.333	0.78	6.367	1.28	12.400	10.23	18.43	1.28
0.367	0.78	6.400	1.28	12.433	10.23	18.47	1.28
0.400	0.78	6.433	1.28	12.467	10.23	18.50	1.28
0.433	0.78	6.467	1.28	12.500	10.23	18.53	1.28
0.467	0.78	6.500	1.28	12.533	10.23	18.57	1.28
0.500	0.78	6.533	1.28	12.567	10.23	18.60	1.28
0.533	0.78	6.567	1.28	12.600	7.74	18.63	1.28
0.567	0.78	6.600	1.28	12.633	5.26	18.67	1.28
0.600	0.78	6.633	1.28	12.667	5.26	18.70	1.28
0.633	0.78	6.667	1.28	12.700	5.26	18.73	1.28
0.667	0.78	6.700	1.28	12.733	5.26	18.77	1.28
0.700	0.78	6.733	1.28	12.767	5.26	18.80	1.28
0.733	0.78	6.767	1.28	12.800	5.26	18.83	1.28
0.767	0.78	6.800	1.28	12.833	5.26	18.87	1.28
0.800	0.78	6.833	1.28	12.867	5.26	18.90	1.28
0.833	0.78	6.867	1.28	12.900	5.26	18.93	1.28
0.867	0.78	6.900	1.28	12.933	5.26	18.97	1.28
0.900	0.78	6.933	1.28	12.967	5.26	19.00	1.28
0.933	0.78	6.967	1.28	13.000	5.26	19.03	1.28
0.967	0.78	7.000	1.28	13.033	5.26	19.07	1.28
1.000	0.78	7.033	1.28	13.067	5.26	19.10	1.28
1.033	0.78	7.067	1.28	13.100	4.54	19.13	1.28
1.067	0.78	7.100	1.42	13.133	3.84	19.17	1.28
1.100	0.78	7.133	1.56	13.167	3.84	19.20	1.28
1.133	0.78	7.167	1.56	13.200	3.84	19.23	1.28
1.167	0.78	7.200	1.56	13.233	3.84	19.27	1.28
1.200	0.78	7.233	1.56	13.267	3.84	19.30	1.28
1.233	0.78	7.267	1.56	13.300	3.84	19.33	1.28
1.267	0.78	7.300	1.56	13.333	3.84	19.37	1.28
1.300	0.78	7.333	1.56	13.367	3.84	19.40	1.28
1.333	0.78	7.367	1.56	13.400	3.84	19.43	1.28
1.367	0.78	7.400	1.56	13.433	3.84	19.47	1.28
1.400	0.78	7.433	1.56	13.467	3.84	19.50	1.28
1.433	0.78	7.467	1.56	13.500	3.84	19.53	1.28
1.467	0.78	7.500	1.56	13.533	3.84	19.57	1.28
1.500	0.78	7.533	1.56	13.567	3.84	19.60	1.28
1.533	0.78	7.567	1.56	13.600	3.41	19.63	1.28
1.567	0.78	7.600	1.56	13.633	2.98	19.67	1.28
1.600	0.78	7.633	1.56	13.667	2.98	19.70	1.28
1.633	0.78	7.667	1.56	13.700	2.98	19.73	1.28
1.667	0.78	7.700	1.56	13.733	2.98	19.77	1.28
1.700	0.78	7.733	1.56	13.767	2.98	19.80	1.28
1.733	0.78	7.767	1.56	13.800	2.98	19.83	1.28
1.767	0.78	7.800	1.56	13.833	2.98	19.87	1.28
1.800	0.78	7.833	1.56	13.867	2.98	19.90	1.28
1.833	0.78	7.867	1.56	13.900	2.98	19.93	1.28
1.867	0.78	7.900	1.56	13.933	2.98	19.97	1.28
1.900	0.78	7.933	1.56	13.967	2.98	20.00	1.28
1.933	0.78	7.967	1.56	14.000	2.98	20.03	1.28
1.967	0.78	8.000	1.56	14.033	2.98	20.07	1.28
2.000	0.78	8.033	1.56	14.067	2.98	20.10	1.07
2.033	0.78	8.067	1.56	14.100	2.56	20.13	0.85
2.067	0.78	8.100	1.70	14.133	2.13	20.17	0.85
2.100	0.85	8.133	1.85	14.167	2.13	20.20	0.85
2.133	0.92	8.167	1.85	14.200	2.13	20.23	0.85
2.167	0.92	8.200	1.85	14.233	2.13	20.27	0.85
2.200	0.92	8.233	1.85	14.267	2.13	20.30	0.85
2.233	0.92	8.267	1.85	14.300	2.13	20.33	0.85
2.267	0.92	8.300	1.85	14.333	2.13	20.37	0.85

5-yr 24hr SCS Type II

2.300	0.92	8.333	1.85	14.367	2.13	20.40	0.85
2.333	0.92	8.367	1.85	14.400	2.13	20.43	0.85
2.367	0.92	8.400	1.85	14.433	2.13	20.47	0.85
2.400	0.92	8.433	1.85	14.467	2.13	20.50	0.85
2.433	0.92	8.467	1.85	14.500	2.13	20.53	0.85
2.467	0.92	8.500	1.85	14.533	2.13	20.57	0.85
2.500	0.92	8.533	1.85	14.567	2.13	20.60	0.85
2.533	0.92	8.567	1.85	14.600	2.13	20.63	0.85
2.567	0.92	8.600	1.92	14.633	2.13	20.67	0.85
2.600	0.92	8.633	1.99	14.667	2.13	20.70	0.85
2.633	0.92	8.667	1.99	14.700	2.13	20.73	0.85
2.667	0.92	8.700	1.99	14.733	2.13	20.77	0.85
2.700	0.92	8.733	1.99	14.767	2.13	20.80	0.85
2.733	0.92	8.767	1.99	14.800	2.13	20.83	0.85
2.767	0.92	8.800	1.99	14.833	2.13	20.87	0.85
2.800	0.92	8.833	1.99	14.867	2.13	20.90	0.85
2.833	0.92	8.867	1.99	14.900	2.13	20.93	0.85
2.867	0.92	8.900	1.99	14.933	2.13	20.97	0.85
2.900	0.92	8.933	1.99	14.967	2.13	21.00	0.85
2.933	0.92	8.967	1.99	15.000	2.13	21.03	0.85
2.967	0.92	9.000	1.99	15.033	2.13	21.07	0.85
3.000	0.92	9.033	1.99	15.067	2.13	21.10	0.85
3.033	0.92	9.067	1.99	15.100	2.13	21.13	0.85
3.067	0.92	9.100	2.13	15.133	2.13	21.17	0.85
3.100	0.92	9.133	2.27	15.167	2.13	21.20	0.85
3.133	0.92	9.167	2.27	15.200	2.13	21.23	0.85
3.167	0.92	9.200	2.27	15.233	2.13	21.27	0.85
3.200	0.92	9.233	2.27	15.267	2.13	21.30	0.85
3.233	0.92	9.267	2.27	15.300	2.13	21.33	0.85
3.267	0.92	9.300	2.27	15.333	2.13	21.37	0.85
3.300	0.92	9.333	2.27	15.367	2.13	21.40	0.85
3.333	0.92	9.367	2.27	15.400	2.13	21.43	0.85
3.367	0.92	9.400	2.27	15.433	2.13	21.47	0.85
3.400	0.92	9.433	2.27	15.467	2.13	21.50	0.85
3.433	0.92	9.467	2.27	15.500	2.13	21.53	0.85
3.467	0.92	9.500	2.27	15.533	2.13	21.57	0.85
3.500	0.92	9.533	2.27	15.567	2.13	21.60	0.85
3.533	0.92	9.567	2.27	15.600	2.13	21.63	0.85
3.567	0.92	9.600	2.42	15.633	2.13	21.67	0.85
3.600	0.92	9.633	2.56	15.667	2.13	21.70	0.85
3.633	0.92	9.667	2.56	15.700	2.13	21.73	0.85
3.667	0.92	9.700	2.56	15.733	2.13	21.77	0.85
3.700	0.92	9.733	2.56	15.767	2.13	21.80	0.85
3.733	0.92	9.767	2.56	15.800	2.13	21.83	0.85
3.767	0.92	9.800	2.56	15.833	2.13	21.87	0.85
3.800	0.92	9.833	2.56	15.867	2.13	21.90	0.85
3.833	0.92	9.867	2.56	15.900	2.13	21.93	0.85
3.867	0.92	9.900	2.56	15.933	2.13	21.97	0.85
3.900	0.92	9.933	2.56	15.967	2.13	22.00	0.85
3.933	0.92	9.967	2.56	16.000	2.13	22.03	0.85
3.967	0.92	10.000	2.56	16.033	2.13	22.07	0.85
4.000	0.92	10.033	2.56	16.067	2.13	22.10	0.85
4.033	0.92	10.067	2.56	16.100	1.70	22.13	0.85
4.067	0.92	10.100	2.91	16.133	1.28	22.17	0.85
4.100	1.03	10.133	3.27	16.167	1.28	22.20	0.85
4.133	1.14	10.167	3.27	16.200	1.28	22.23	0.85
4.167	1.14	10.200	3.27	16.233	1.28	22.27	0.85
4.200	1.14	10.233	3.27	16.267	1.28	22.30	0.85
4.233	1.14	10.267	3.27	16.300	1.28	22.33	0.85
4.267	1.14	10.300	3.27	16.333	1.28	22.37	0.85
4.300	1.14	10.333	3.27	16.367	1.28	22.40	0.85
4.333	1.14	10.367	3.27	16.400	1.28	22.43	0.85
4.367	1.14	10.400	3.27	16.433	1.28	22.47	0.85
4.400	1.14	10.433	3.27	16.467	1.28	22.50	0.85
4.433	1.14	10.467	3.27	16.500	1.28	22.53	0.85
4.467	1.14	10.500	3.27	16.533	1.28	22.57	0.85
4.500	1.14	10.533	3.27	16.567	1.28	22.60	0.85
4.533	1.14	10.567	3.27	16.600	1.28	22.63	0.85
4.567	1.14	10.600	3.84	16.633	1.28	22.67	0.85
4.600	1.14	10.633	4.40	16.667	1.28	22.70	0.85
4.633	1.14	10.667	4.40	16.700	1.28	22.73	0.85
4.667	1.14	10.700	4.40	16.733	1.28	22.77	0.85
4.700	1.14	10.733	4.40	16.767	1.28	22.80	0.85
4.733	1.14	10.767	4.40	16.800	1.28	22.83	0.85
4.767	1.14	10.800	4.40	16.833	1.28	22.87	0.85
4.800	1.14	10.833	4.40	16.867	1.28	22.90	0.85
4.833	1.14	10.867	4.40	16.900	1.28	22.93	0.85
4.867	1.14	10.900	4.40	16.933	1.28	22.97	0.85
4.900	1.14	10.933	4.40	16.967	1.28	23.00	0.85
4.933	1.14	10.967	4.40	17.000	1.28	23.03	0.85
4.967	1.14	11.000	4.40	17.033	1.28	23.07	0.85
5.000	1.14	11.033	4.40	17.067	1.28	23.10	0.85
5.033	1.14	11.067	4.40	17.100	1.28	23.13	0.85
5.067	1.14	11.100	5.61	17.133	1.28	23.17	0.85
5.100	1.14	11.133	6.82	17.167	1.28	23.20	0.85
5.133	1.14	11.167	6.82	17.200	1.28	23.23	0.85
5.167	1.14	11.200	6.82	17.233	1.28	23.27	0.85
5.200	1.14	11.233	6.82	17.267	1.28	23.30	0.85
5.233	1.14	11.267	6.82	17.300	1.28	23.33	0.85
5.267	1.14	11.300	6.82	17.333	1.28	23.37	0.85
5.300	1.14	11.333	6.82	17.367	1.28	23.40	0.85
5.333	1.14	11.367	6.82	17.400	1.28	23.43	0.85
5.367	1.14	11.400	6.82	17.433	1.28	23.47	0.85
5.400	1.14	11.433	6.82	17.467	1.28	23.50	0.85
5.433	1.14	11.467	6.82	17.500	1.28	23.53	0.85
5.467	1.14	11.500	6.82	17.533	1.28	23.57	0.85
5.500	1.14	11.533	6.82	17.567	1.28	23.60	0.85
5.533	1.14	11.567	6.82	17.600	1.28	23.63	0.85
5.567	1.14	11.600	13.94	17.633	1.28	23.67	0.85
5.600	1.14	11.633	21.03	17.667	1.28	23.70	0.85
5.633	1.14	11.667	21.03	17.700	1.28	23.73	0.85
5.667	1.14	11.700	21.03	17.733	1.28	23.77	0.85
5.700	1.14	11.733	21.03	17.767	1.28	23.80	0.85
5.733	1.14	11.767	21.03	17.800	1.28	23.83	0.85
5.767	1.14	11.800	21.03	17.833	1.28	23.87	0.85
5.800	1.14	11.833	21.11	17.867	1.28	23.90	0.85
5.833	1.14	11.867	86.95	17.900	1.28	23.93	0.85
5.867	1.14	11.900	86.95	17.933	1.28	23.97	0.85
5.900	1.14	11.933	86.95	17.967	1.28	24.00	0.85
5.933	1.14	11.967	86.95	18.000	1.28	24.03	0.85
5.967	1.14	12.000	86.95	18.033	1.28	24.07	0.85
6.000	1.14	12.033	86.95	18.067	1.28	24.10	0.43
6.033	1.14	12.067	86.95	18.100	1.28		

Unit Hyd Qpeak (cms)= 0.523

PEAK FLOW (cms)= 0.233 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 31.356
TOTAL RAINFALL (mm)= 71.040
RUNOFF COEFFICIENT = 0.441

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0009)|	AREA	QPEAK	TPEAK	R.V.
1 + 2 = 3		(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0101):		3.15	0.233	12.20	31.36
+ ID2= 2 (0103):		1.47	0.123	12.17	31.35
ID = 3 (0009):		4.62	0.354	12.20	31.36

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

10-yr 24hr SCS Type II

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      V    V   I    SSSSS  U   U    A    L              (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
        V V    I      SS   U   U  A   A  L
         VV    I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M M M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                  *****  D E T A I L E D   O U T P U T *****


  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\eelfe3a4-48f5-416c-bec2-
dedeb8d38cf6\6ca3d4ef-abdf-49ad-ad2b-b4bb92998b87\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\eelfe3a4-48f5-416c-bec2-
dedeb8d38cf6\6ca3d4ef-abdf-49ad-ad2b-b4bb92998b87\scen


DATE: 11/01/2023                          TIME: 03:23:14

USER:


COMMENTS: _____


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  ************************************************
  ** SIMULATION : 010yr 24hr 5min SCS Type II ( **
  ************************************************


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|    READ STORM    |    Filename: C:\Users\SAhonen\AppD
|                  |              ata\Local\Temp\
|                  |              6d5b05fb-1890-4746-b627-d3f77a0d2847\0c2b4056
| Ptotal= 80.35 mm |    Comments: 10yr 24hr 5min SCS Type II (MTO)
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TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.00	0.00	6.08	1.45	12.17	11.57	18.25	1.45
0.08	0.88	6.17	1.45	12.25	11.57	18.33	1.45
0.17	0.88	6.25	1.45	12.33	11.57	18.42	1.45
0.25	0.88	6.33	1.45	12.42	11.57	18.50	1.45
0.33	0.88	6.42	1.45	12.50	11.57	18.58	1.45
0.42	0.88	6.50	1.45	12.58	5.95	18.67	1.45
0.50	0.88	6.58	1.45	12.67	5.95	18.75	1.45
0.58	0.88	6.67	1.45	12.75	5.95	18.83	1.45
0.67	0.88	6.75	1.45	12.83	5.95	18.92	1.45
0.75	0.88	6.83	1.45	12.92	5.95	19.00	1.45
0.83	0.88	6.92	1.45	13.00	5.95	19.08	1.45
0.92	0.88	7.00	1.45	13.08	4.34	19.17	1.45
1.00	0.88	7.08	1.77	13.17	4.34	19.25	1.45
1.08	0.88	7.17	1.77	13.25	4.34	19.33	1.45
1.17	0.88	7.25	1.77	13.33	4.34	19.42	1.45
1.25	0.88	7.33	1.77	13.42	4.34	19.50	1.45
1.33	0.88	7.42	1.77	13.50	4.34	19.58	1.45
1.42	0.88	7.50	1.77	13.58	3.37	19.67	1.45
1.50	0.88	7.58	1.77	13.67	3.37	19.75	1.45
1.58	0.88	7.67	1.77	13.75	3.37	19.83	1.45
1.67	0.88	7.75	1.77	13.83	3.37	19.92	1.45
1.75	0.88	7.83	1.77	13.92	3.37	20.00	1.45
1.83	0.88	7.92	1.77	14.00	3.37	20.08	0.96
1.92	0.88	8.00	1.77	14.08	2.41	20.17	0.96
2.00	0.88	8.08	2.09	14.17	2.41	20.25	0.96
2.08	1.04	8.17	2.09	14.25	2.41	20.33	0.96
2.17	1.04	8.25	2.09	14.33	2.41	20.42	0.96
2.25	1.04	8.33	2.09	14.42	2.41	20.50	0.96
2.33	1.04	8.42	2.09	14.50	2.41	20.58	0.96
2.42	1.04	8.50	2.09	14.58	2.41	20.67	0.96
2.50	1.04	8.58	2.25	14.67	2.41	20.75	0.96
2.58	1.04	8.67	2.25	14.75	2.41	20.83	0.96
2.67	1.04	8.75	2.25	14.83	2.41	20.92	0.96
2.75	1.04	8.83	2.25	14.92	2.41	21.00	0.96
2.83	1.04	8.92	2.25	15.00	2.41	21.08	0.96
2.92	1.04	9.00	2.25	15.08	2.41	21.17	0.96
3.00	1.04	9.08	2.57	15.17	2.41	21.25	0.96
3.08	1.04	9.17	2.57	15.25	2.41	21.33	0.96
3.17	1.04	9.25	2.57	15.33	2.41	21.42	0.96
3.25	1.04	9.33	2.57	15.42	2.41	21.50	0.96
3.33	1.04	9.42	2.57	15.50	2.41	21.58	0.96
3.42	1.04	9.50	2.57	15.58	2.41	21.67	0.96
3.50	1.04	9.58	2.89	15.67	2.41	21.75	0.96
3.58	1.04	9.67	2.89	15.75	2.41	21.83	0.96
3.67	1.04	9.75	2.89	15.83	2.41	21.92	0.96
3.75	1.04	9.83	2.89	15.92	2.41	22.00	0.96
3.83	1.04	9.92	2.89	16.00	2.41	22.08	0.96
3.92	1.04	10.00	2.89	16.08	1.45	22.17	0.96
4.00	1.04	10.08	3.70	16.17	1.45	22.25	0.96
4.08	1.29	10.17	3.70	16.25	1.45	22.33	0.96
4.17	1.29	10.25	3.70	16.33	1.45	22.42	0.96
4.25	1.29	10.33	3.70	16.42	1.45	22.50	0.96
4.33	1.29	10.42	3.70	16.50	1.45	22.58	0.96
4.42	1.29	10.50	3.70	16.58	1.45	22.67	0.96
4.50	1.29	10.58	4.98	16.67	1.45	22.75	0.96
4.58	1.29	10.67	4.98	16.75	1.45	22.83	0.96
4.67	1.29	10.75	4.98	16.83	1.45	22.92	0.96
4.75	1.29	10.83	4.98	16.92	1.45	23.00	0.96
4.83	1.29	10.92	4.98	17.00	1.45	23.08	0.96
4.92	1.29	11.00	4.98	17.08	1.45	23.17	0.96
5.00	1.29	11.08	7.71	17.17	1.45	23.25	0.96
5.08	1.29	11.17	7.71	17.25	1.45	23.33	0.96
5.17	1.29	11.25	7.71	17.33	1.45	23.42	0.96
5.25	1.29	11.33	7.71	17.42	1.45	23.50	0.96
5.33	1.29	11.42	7.71	17.50	1.45	23.58	0.96
5.42	1.29	11.50	7.71	17.58	1.45	23.67	0.96
5.50	1.29	11.58	23.78	17.67	1.45	23.75	0.96
5.58	1.29	11.67	23.78	17.75	1.45	23.83	0.96
5.67	1.29	11.75	23.78	17.83	1.45	23.92	0.96
5.75	1.29	11.83	98.35	17.92	1.45	24.00	0.96
5.83	1.29	11.92	98.35	18.00	1.45		
5.92	1.29	12.00	98.35	18.08	1.45		
6.00	1.29	12.08	11.57	18.17	1.45		

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| CALIB            |
| NASHYD   (  0102)|   Area     (ha)=  14.73   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
--------------------   U.H. Tp(hrs)=   0.33

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.


                        ---- TRANSFORMED HYETOGRAPH ----
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TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.29	12.100	54.84	18.13	1.45
0.067	0.00	6.100	1.37	12.133	11.57	18.17	1.45
0.100	0.44	6.133	1.45	12.167	11.57	18.20	1.45
0.133	0.88	6.167	1.45	12.200	11.57	18.23	1.45
0.167	0.88	6.200	1.45	12.233	11.57	18.27	1.45
0.200	0.88	6.233	1.45	12.267	11.57	18.30	1.45
0.233	0.88	6.267	1.45	12.300	11.57	18.33	1.45
0.267	0.88	6.300	1.45	12.333	11.57	18.37	1.45
0.300	0.88	6.333	1.45	12.367	11.57	18.40	1.45
0.333	0.88	6.367	1.45	12.400	11.57	18.43	1.45
0.367	0.88	6.400	1.45	12.433	11.57	18.47	1.45
0.400	0.88	6.433	1.45	12.467	11.57	18.50	1.45
0.433	0.88	6.467	1.45	12.500	11.57	18.53	1.45
0.467	0.88	6.500	1.45	12.533	11.57	18.57	1.45
0.500	0.88	6.533	1.45	12.567	11.57	18.60	1.45
0.533	0.88	6.567	1.45	12.600	8.75	18.63	1.45
0.567	0.88	6.600	1.45	12.633	5.95	18.67	1.45
0.600	0.88	6.633	1.45	12.667	5.95	18.70	1.45
0.633	0.88	6.667	1.45	12.700	5.95	18.73	1.45
0.667	0.88	6.700	1.45	12.733	5.95	18.77	1.45
0.700	0.88	6.733	1.45	12.767	5.95	18.80	1.45
0.733	0.88	6.767	1.45	12.800	5.95	18.83	1.45
0.767	0.88	6.800	1.45	12.833	5.95	18.87	1.45
0.800	0.88	6.833	1.45	12.867	5.95	18.90	1.45
0.833	0.88	6.867	1.45	12.900	5.95	18.93	1.45
0.867	0.88	6.900	1.45	12.933	5.95	18.97	1.45
0.900	0.88	6.933	1.45	12.967	5.95	19.00	1.45
0.933	0.88	6.967	1.45	13.000	5.95	19.03	1.45
0.967	0.88	7.000	1.45	13.033	5.95	19.07	1.45
1.000	0.88	7.033	1.45	13.067	5.95	19.10	1.45
1.033	0.88	7.067	1.45	13.100	5.14	19.13	1.45
1.067	0.88	7.100	1.61	13.133	4.34	19.17	1.45
1.100	0.88	7.133	1.77	13.167	4.34	19.20	1.45
1.133	0.88	7.167	1.77	13.200	4.34	19.23	1.45
1.167	0.88	7.200	1.77	13.233	4.34	19.27	1.45
1.200	0.88	7.233	1.77	13.267	4.34	19.30	1.45
1.233	0.88	7.267	1.77	13.300	4.34	19.33	1.45
1.267	0.88	7.300	1.77	13.333	4.34	19.37	1.45
1.300	0.88	7.333	1.77	13.367	4.34	19.40	1.45
1.333	0.88	7.367	1.77	13.400	4.34	19.43	1.45
1.367	0.88	7.400	1.77	13.433	4.34	19.47	1.45
1.400	0.88	7.433	1.77	13.467	4.34	19.50	1.45
1.433	0.88	7.467	1.77	13.500	4.34	19.53	1.45
1.467	0.88	7.500	1.77	13.533	4.34	19.57	1.45
1.500	0.88	7.533	1.77	13.567	4.34	19.60	1.45
1.533	0.88	7.567	1.77	13.600	3.85	19.63	1.45
1.567	0.88	7.600	1.77	13.633	3.37	19.67	1.45
1.600	0.88	7.633	1.77	13.667	3.37	19.70	1.45
1.633	0.88	7.667	1.77	13.700	3.37	19.73	1.45
1.667	0.88	7.700	1.77	13.733	3.37	19.77	1.45
1.700	0.88	7.733	1.77	13.767	3.37	19.80	1.45
1.733	0.88	7.767	1.77	13.800	3.37	19.83	1.45
1.767	0.88	7.800	1.77	13.833	3.37	19.87	1.45
1.800	0.88	7.833	1.77	13.867	3.37	19.90	1.45
1.833	0.88	7.867	1.77	13.900	3.37	19.93	1.45
1.867	0.88	7.900	1.77	13.933	3.37	19.97	1.45
1.900	0.88	7.933	1.77	13.967	3.37	20.00	1.45
1.933	0.88	7.967	1.77	14.000	3.37	20.03	1.45
1.967	0.88	8.000	1.77	14.033	3.37	20.07	1.45
2.000	0.88	8.033	1.77	14.067	3.37	20.10	1.20
2.033	0.88	8.067	1.77	14.100	2.89	20.13	0.96
2.067	0.88	8.100	1.93	14.133	2.41	20.17	0.96
2.100	0.96	8.133	2.09	14.167	2.41	20.20	0.96
2.133	1.04	8.167	2.09	14.200	2.41	20.23	0.96
2.167	1.04	8.200	2.09	14.233	2.41	20.27	0.96
2.200	1.04	8.233	2.09	14.267	2.41	20.30	0.96
2.233	1.04	8.267	2.09	14.300	2.41	20.33	0.96
2.267	1.04	8.300	2.09	14.333	2.41	20.37	0.96
2.300	1.04	8.333	2.09	14.367	2.41	20.40	0.96
2.333	1.04	8.367	2.09	14.400	2.41	20.43	0.96
2.367	1.04	8.400	2.09	14.433	2.41	20.47	0.96
2.400	1.04	8.433	2.09	14.467	2.41	20.50	0.96
2.433	1.04	8.467	2.09	14.500	2.41	20.53	0.96
2.467	1.04	8.500	2.09	14.533	2.41	20.57	0.96
2.500	1.04	8.533	2.09	14.567	2.41	20.60	0.96
2.533	1.04	8.567	2.09	14.600	2.41	20.63	0.96
2.567	1.04	8.600	2.17	14.633	2.41	20.67	0.96
2.600	1.04	8.633	2.25	14.667	2.41	20.70	0.96
2.633	1.04	8.667	2.25	14.700	2.41	20.73	0.96
2.667	1.04	8.700	2.25	14.733	2.41	20.77	0.96
2.700	1.04	8.733	2.25	14.767	2.41	20.80	0.96
2.733	1.04	8.767	2.25	14.800	2.41	20.83	0.96
2.767	1.04	8.800	2.25	14.833	2.41	20.87	0.96
2.800	1.04	8.833	2.25	14.867	2.41	20.90	0.96
2.833	1.04	8.867	2.25	14.900	2.41	20.93	0.96
2.867	1.04	8.900	2.25	14.933	2.41	20.97	0.96
2.900	1.04	8.933	2.25	14.967	2.41	21.00	0.96
2.933	1.04	8.967	2.25	15.000	2.41	21.03	0.96
2.967	1.04	9.000	2.25	15.033	2.41	21.07	0.96
3.000	1.04	9.033	2.25	15.067	2.41	21.10	0.96
3.033	1.04	9.067	2.25	15.100	2.41	21.13	0.96
3.067	1.04	9.100	2.41	15.133	2.41	21.17	0.96
3.100	1.04	9.133	2.57	15.167	2.41	21.20	0.96
3.133	1.04	9.167	2.57	15.200	2.41	21.23	0.96
3.167	1.04	9.200	2.57	15.233	2.41	21.27	0.96
3.200	1.04	9.233	2.57	15.267	2.41	21.30	0.96
3.233	1.04	9.267	2.57	15.300	2.41	21.33	0.96
3.267	1.04	9.300	2.57	15.333	2.41	21.37	0.96
3.300	1.04	9.333	2.57	15.367	2.41	21.40	0.96
3.333	1.04	9.367	2.57	15.400	2.41	21.43	0.96
3.367	1.04	9.400	2.57	15.433	2.41	21.47	0.96
3.400	1.04	9.433	2.57	15.467	2.41	21.50	0.96
3.433	1.04	9.467	2.57	15.500	2.41	21.53	0.96
3.467	1.04	9.500	2.57	15.533	2.41	21.57	0.96
3.500	1.04	9.533	2.57	15.567	2.41	21.60	0.96
3.533	1.04	9.567	2.57	15.600	2.41	21.63	0.96
3.567	1.04	9.600	2.73	15.633	2.41	21.67	0.96
3.600	1.04	9.633	2.89	15.667	2.41	21.70	0.96
3.633	1.04	9.667	2.89	15.700	2.41	21.73	0.96
3.667	1.04	9.700	2.89	15.733	2.41	21.77	0.96
3.700	1.04	9.733	2.89	15.767	2.41	21.80	0.96
3.733	1.04	9.767	2.89	15.800	2.41	21.83	0.96
3.767	1.04	9.800	2.89	15.833	2.41	21.87	0.96
3.800	1.04	9.833	2.89	15.867	2.41	21.90	0.96
3.833	1.04	9.867	2.89	15.900	2.41	21.93	0.96
3.867	1.04	9.900	2.89	15.933	2.41	21.97	0.96
3.900	1.04	9.933	2.89	15.967	2.41	22.00	0.96
3.933	1.04	9.967	2.89	16.000	2.41	22.03	0.96
3.967	1.04	10.000	2.89	16.033	2.41	22.07	0.96
4.000	1.04	10.033	2.89	16.067	2.41	22.10	0.96
4.033	1.04	10.067	2.89	16.100	1.93	22.13	0.96
4.067	1.04	10.100	3.29	16.133	1.45	22.17	0.96
4.100	1.17	10.133	3.70	16.167	1.45	22.20	0.96
4.133	1.29	10.167	3.70	16.200	1.45	22.23	0.96
4.167	1.29	10.200	3.70	16.233	1.45	22.27	0.96
4.200	1.29	10.233	3.70	16.267	1.45	22.30	0.96
4.233	1.29	10.267	3.70	16.300	1.45	22.33	0.96
4.267	1.29	10.300	3.70	16.333	1.45	22.37	0.96
4.300	1.29	10.333	3.70	16.367	1.45	22.40	0.96
4.333	1.29	10.367	3.70	16.400	1.45	22.43	0.96
4.367	1.29	10.400	3.70	16.433	1.45	22.47	0.96
4.400	1.29	10.433	3.70	16.467	1.45	22.50	0.96
4.433	1.29	10.467	3.70	16.500	1.45	22.53	0.96
4.467	1.29	10.500	3.70	16.533	1.45	22.57	0.96
4.500	1.29	10.533	3.70	16.567	1.45	22.60	0.96
4.533	1.29	10.567	3.70	16.600	1.45	22.63	0.96
4.567	1.29	10.600	4.34	16.633	1.45	22.67	0.96
4.600	1.29	10.633	4.98	16.667	1.45	22.70	0.96
4.633	1.29	10.667	4.98	16.700	1.45	22.73	0.96
4.667	1.29	10.700	4.98	16.733	1.45	22.77	0.96
4.700	1.29	10.733	4.98	16.767	1.45	22.80	0.96
4.733	1.29	10.767	4.98	16.800	1.45	22.83	0.96

10-yr 24hr SCS Type II

4.767	1.29	10.800	4.98	16.833	1.45	22.87	0.96
4.800	1.29	10.833	4.98	16.867	1.45	22.90	0.96
4.833	1.29	10.867	4.98	16.900	1.45	22.93	0.96
4.867	1.29	10.900	4.98	16.933	1.45	22.97	0.96
4.900	1.29	10.933	4.98	16.967	1.45	23.00	0.96
4.933	1.29	10.967	4.98	17.000	1.45	23.03	0.96
4.967	1.29	11.000	4.98	17.033	1.45	23.07	0.96
5.000	1.29	11.033	4.98	17.067	1.45	23.10	0.96
5.033	1.29	11.067	4.98	17.100	1.45	23.13	0.96
5.067	1.29	11.100	6.35	17.133	1.45	23.17	0.96
5.100	1.29	11.133	7.71	17.167	1.45	23.20	0.96
5.133	1.29	11.167	7.71	17.200	1.45	23.23	0.96
5.167	1.29	11.200	7.71	17.233	1.45	23.27	0.96
5.200	1.29	11.233	7.71	17.267	1.45	23.30	0.96
5.233	1.29	11.267	7.71	17.300	1.45	23.33	0.96
5.267	1.29	11.300	7.71	17.333	1.45	23.37	0.96
5.300	1.29	11.333	7.71	17.367	1.45	23.40	0.96
5.333	1.29	11.367	7.71	17.400	1.45	23.43	0.96
5.367	1.29	11.400	7.71	17.433	1.45	23.47	0.96
5.400	1.29	11.433	7.71	17.467	1.45	23.50	0.96
5.433	1.29	11.467	7.71	17.500	1.45	23.53	0.96
5.467	1.29	11.500	7.71	17.533	1.45	23.57	0.96
5.500	1.29	11.533	7.71	17.567	1.45	23.60	0.96
5.533	1.29	11.567	7.71	17.600	1.45	23.63	0.96
5.567	1.29	11.600	15.77	17.633	1.45	23.67	0.96
5.600	1.29	11.633	23.78	17.667	1.45	23.70	0.96
5.633	1.29	11.667	23.78	17.700	1.45	23.73	0.96
5.667	1.29	11.700	23.78	17.733	1.45	23.77	0.96
5.700	1.29	11.733	23.78	17.767	1.45	23.80	0.96
5.733	1.29	11.767	23.78	17.800	1.45	23.83	0.96
5.767	1.29	11.800	23.78	17.833	1.45	23.87	0.96
5.800	1.29	11.833	23.88	17.867	1.45	23.90	0.96
5.833	1.29	11.867	98.35	17.900	1.45	23.93	0.96
5.867	1.29	11.900	98.35	17.933	1.45	23.97	0.96
5.900	1.29	11.933	98.35	17.967	1.45	24.00	0.96
5.933	1.29	11.967	98.35	18.000	1.45	24.03	0.96
5.967	1.29	12.000	98.35	18.033	1.45	24.07	0.96
6.000	1.29	12.033	98.35	18.067	1.45	24.10	0.48
6.033	1.29	12.067	98.35	18.100	1.45		

Unit Hyd Qpeak (cms)= 1.705

PEAK FLOW (cms)= 1.041 (i)
TIME TO PEAK (hrs)= 12.300
RUNOFF VOLUME (mm)= 38.385
TOTAL RAINFALL (mm)= 80.350
RUNOFF COEFFICIENT = 0.478

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0105)	Area (ha)=	3.55	Curve Number (CN)=	79.0	
ID= 1 DT= 2.0 min	Ia (mm)=	6.75	# of Linear Res.(N)=	3.00	
	U.H. Tp(hrs)=	0.24			

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.29	12.100	54.84	18.13	1.45
0.067	0.00	6.100	1.37	12.133	11.57	18.17	1.45
0.100	0.44	6.133	1.45	12.167	11.57	18.20	1.45
0.133	0.88	6.167	1.45	12.200	11.57	18.23	1.45
0.167	0.88	6.200	1.45	12.233	11.57	18.27	1.45
0.200	0.88	6.233	1.45	12.267	11.57	18.30	1.45
0.233	0.88	6.267	1.45	12.300	11.57	18.33	1.45
0.267	0.88	6.300	1.45	12.333	11.57	18.37	1.45
0.300	0.88	6.333	1.45	12.367	11.57	18.40	1.45
0.333	0.88	6.367	1.45	12.400	11.57	18.43	1.45
0.367	0.88	6.400	1.45	12.433	11.57	18.47	1.45
0.400	0.88	6.433	1.45	12.467	11.57	18.50	1.45
0.433	0.88	6.467	1.45	12.500	11.57	18.53	1.45
0.467	0.88	6.500	1.45	12.533	11.57	18.57	1.45
0.500	0.88	6.533	1.45	12.567	11.57	18.60	1.45
0.533	0.88	6.567	1.45	12.600	8.75	18.63	1.45
0.567	0.88	6.600	1.45	12.633	5.95	18.67	1.45
0.600	0.88	6.633	1.45	12.667	5.95	18.70	1.45
0.633	0.88	6.667	1.45	12.700	5.95	18.73	1.45
0.667	0.88	6.700	1.45	12.733	5.95	18.77	1.45
0.700	0.88	6.733	1.45	12.767	5.95	18.80	1.45
0.733	0.88	6.767	1.45	12.800	5.95	18.83	1.45
0.767	0.88	6.800	1.45	12.833	5.95	18.87	1.45
0.800	0.88	6.833	1.45	12.867	5.95	18.90	1.45
0.833	0.88	6.867	1.45	12.900	5.95	18.93	1.45
0.867	0.88	6.900	1.45	12.933	5.95	18.97	1.45
0.900	0.88	6.933	1.45	12.967	5.95	19.00	1.45
0.933	0.88	6.967	1.45	13.000	5.95	19.03	1.45
0.967	0.88	7.000	1.45	13.033	5.95	19.07	1.45
1.000	0.88	7.033	1.45	13.067	5.95	19.10	1.45
1.033	0.88	7.067	1.45	13.100	5.14	19.13	1.45
1.067	0.88	7.100	1.61	13.133	4.34	19.17	1.45
1.100	0.88	7.133	1.77	13.167	4.34	19.20	1.45
1.133	0.88	7.167	1.77	13.200	4.34	19.23	1.45
1.167	0.88	7.200	1.77	13.233	4.34	19.27	1.45
1.200	0.88	7.233	1.77	13.267	4.34	19.30	1.45
1.233	0.88	7.267	1.77	13.300	4.34	19.33	1.45
1.267	0.88	7.300	1.77	13.333	4.34	19.37	1.45
1.300	0.88	7.333	1.77	13.367	4.34	19.40	1.45
1.333	0.88	7.367	1.77	13.400	4.34	19.43	1.45
1.367	0.88	7.400	1.77	13.433	4.34	19.47	1.45
1.400	0.88	7.433	1.77	13.467	4.34	19.50	1.45
1.433	0.88	7.467	1.77	13.500	4.34	19.53	1.45
1.467	0.88	7.500	1.77	13.533	4.34	19.57	1.45
1.500	0.88	7.533	1.77	13.567	4.34	19.60	1.45
1.533	0.88	7.567	1.77	13.600	3.85	19.63	1.45
1.567	0.88	7.600	1.77	13.633	3.37	19.67	1.45
1.600	0.88	7.633	1.77	13.667	3.37	19.70	1.45
1.633	0.88	7.667	1.77	13.700	3.37	19.73	1.45
1.667	0.88	7.700	1.77	13.733	3.37	19.77	1.45
1.700	0.88	7.733	1.77	13.767	3.37	19.80	1.45
1.733	0.88	7.767	1.77	13.800	3.37	19.83	1.45
1.767	0.88	7.800	1.77	13.833	3.37	19.87	1.45
1.800	0.88	7.833	1.77	13.867	3.37	19.90	1.45
1.833	0.88	7.867	1.77	13.900	3.37	19.93	1.45
1.867	0.88	7.900	1.77	13.933	3.37	19.97	1.45
1.900	0.88	7.933	1.77	13.967	3.37	20.00	1.45
1.933	0.88	7.967	1.77	14.000	3.37	20.03	1.45
1.967	0.88	8.000	1.77	14.033	3.37	20.07	1.45
2.000	0.88	8.033	1.77	14.067	3.37	20.10	1.20
2.033	0.88	8.067	1.77	14.100	2.89	20.13	0.96
2.067	0.88	8.100	1.93	14.133	2.41	20.17	0.96
2.100	0.96	8.133	2.09	14.167	2.41	20.20	0.96
2.133	1.04	8.167	2.09	14.200	2.41	20.23	0.96
2.167	1.04	8.200	2.09	14.233	2.41	20.27	0.96
2.200	1.04	8.233	2.09	14.267	2.41	20.30	0.96
2.233	1.04	8.267	2.09	14.300	2.41	20.33	0.96
2.267	1.04	8.300	2.09	14.333	2.41	20.37	0.96
2.300	1.04	8.333	2.09	14.367	2.41	20.40	0.96
2.333	1.04	8.367	2.09	14.400	2.41	20.43	0.96
2.367	1.04	8.400	2.09	14.433	2.41	20.47	0.96
2.400	1.04	8.433	2.09	14.467	2.41	20.50	0.96
2.433	1.04	8.467	2.09	14.500	2.41	20.53	0.96
2.467	1.04	8.500	2.09	14.533	2.41	20.57	0.96
2.500	1.04	8.533	2.09	14.567	2.41	20.60	0.96
2.533	1.04	8.567	2.09	14.600	2.41	20.63	0.96
2.567	1.04	8.600	2.17	14.633	2.41	20.67	0.96
2.600	1.04	8.633	2.25	14.667	2.41	20.70	0.96
2.633	1.04	8.667	2.25	14.700	2.41	20.73	0.96
2.667	1.04	8.700	2.25	14.733	2.41	20.77	0.96
2.700	1.04	8.733	2.25	14.767	2.41	20.80	0.96
2.733	1.04	8.767	2.25	14.800	2.41	20.83	0.96
2.767	1.04	8.800	2.25	14.833	2.41	20.87	0.96
2.800	1.04	8.833	2.25	14.867	2.41	20.90	0.96
2.833	1.04	8.867	2.25	14.900	2.41	20.93	0.96
2.867	1.04	8.900	2.25	14.933	2.41	20.97	0.96
2.900	1.04	8.933	2.25	14.967	2.41	21.00	0.96
2.933	1.04	8.967	2.25	15.000	2.41	21.03	0.96
2.967	1.04	9.000	2.25	15.033	2.41	21.07	0.96
3.000	1.04	9.033	2.25	15.067	2.41	21.10	0.96
3.033	1.04	9.067	2.25	15.100	2.41	21.13	0.96
3.067	1.04	9.100	2.41	15.133	2.41	21.17	0.96
3.100	1.04	9.133	2.57	15.167	2.41	21.20	0.96
3.133	1.04	9.167	2.57	15.200	2.41	21.23	0.96
3.167	1.04	9.200	2.57	15.233	2.41	21.27	0.96
3.200	1.04	9.233	2.57	15.267	2.41	21.30	0.96
3.233	1.04	9.267	2.57	15.300	2.41	21.33	0.96
3.267	1.04	9.300	2.57	15.333	2.41	21.37	0.96
3.300	1.04	9.333	2.57	15.367	2.41	21.40	0.96
3.333	1.04	9.367	2.57	15.400	2.41	21.43	0.96
3.367	1.04	9.400	2.57	15.433	2.41	21.47	0.96
3.400	1.04	9.433	2.57	15.467	2.41	21.50	0.96
3.433	1.04	9.467	2.57	15.500	2.41	21.53	0.96
3.467	1.04	9.500	2.57	15.533	2.41	21.57	0.96
3.500	1.04	9.533	2.57	15.567	2.41	21.60	0.96
3.533	1.04	9.567	2.57	15.600	2.41	21.63	0.96
3.567	1.04	9.600	2.73	15.633	2.41	21.67	0.96
3.600	1.04	9.633	2.89	15.667	2.41	21.70	0.96
3.633	1.04	9.667	2.89	15.700	2.41	21.73	0.96
3.667	1.04	9.700	2.89	15.733	2.41	21.77	0.96
3.700	1.04	9.733	2.89	15.767	2.41	21.80	0.96
3.733	1.04	9.767	2.89	15.800	2.41	21.83	0.96
3.767	1.04	9.800	2.89	15.833	2.41	21.87	0.96
3.800	1.04	9.833	2.89	15.867	2.41	21.90	0.96
3.833	1.04	9.867	2.89	15.900	2.41	21.93	0.96
3.867	1.04	9.900	2.89	15.933	2.41	21.97	0.96
3.900	1.04	9.933	2.89	15.967	2.41	22.00	0.96
3.933	1.04	9.967	2.89	16.000	2.41	22.03	0.96
3.967	1.04	10.000	2.89	16.033	2.41	22.07	0.96
4.000	1.04	10.033	2.89	16.067	2.41	22.10	0.96
4.033	1.04	10.067	2.89	16.100	1.93	22.13	0.96
4.067	1.04	10.100	3.29	16.133	1.45	22.17	0.96
4.100	1.17	10.133	3.70	16.167	1.45	22.20	0.96
4.133	1.29	10.167	3.70	16.200	1.45	22.23	0.96
4.167	1.29	10.200	3.70	16.233	1.45	22.27	0.96
4.200	1.29	10.233	3.70	16.267	1.45	22.30	0.96
4.233	1.29	10.267	3.70	16.300	1.45	22.33	0.96
4.267	1.29	10.300	3.70	16.333	1.45	22.37	0.96
4.300	1.29	10.333	3.70	16.367	1.45	22.40	0.96
4.333	1.29	10.367	3.70	16.400	1.45	22.43	0.96
4.367	1.29	10.400	3.70	16.433	1.45	22.47	0.96
4.400	1.29	10.433	3.70	16.467	1.45	22.50	0.96
4.433	1.29	10.467	3.70	16.500	1.45	22.53	0.96
4.467	1.29	10.500	3.70	16.533	1.45	22.57	0.96
4.500	1.29	10.533	3.70	16.567	1.45	22.60	0.96
4.533	1.29	10.567	3.70	16.600	1.45	22.63	0.96
4.567	1.29	10.600	4.34	16.633	1.45	22.67	0.96
4.600	1.29	10.633	4.98	16.667	1.45	22.70	0.96
4.633	1.29	10.667	4.98	16.700	1.45	22.73	0.96
4.667	1.29	10.700	4.98	16.733	1.45	22.77	0.96
4.700	1.29	10.733	4.98	16.767	1.45	22.80	0.96
4.733	1.29	10.767	4.98	16.800	1.45	22.83	0.96
4.767	1.29	10.800	4.98	16.833	1.45	22.87	0.96
4.800	1.29	10.833	4.98	16.867	1.45	22.90	0.96
4.833	1.29	10.867	4.98	16.900	1.45	22.93	0.96
4.867	1.29	10.900	4.98	16.933	1.45	22.97	0.96
4.900	1.29	10.933	4.98	16.967	1.45	23.00	0.96
4.933	1.29	10.967	4.98	17.000	1.45	23.03	0.96
4.967	1.29	11.000	4.98	17.033	1.45	23.07	0.96
5.000	1.29	11.033	4.98	17.067	1.45	23.10	0.96
5.033	1.29	11.067	4.98	17.100	1.45	23.13	0.96
5.067	1.29	11.100	6.35	17.133	1.45	23.17	0.96
5.100	1.29	11.133	7.71	17.167	1.45	23.20	0.96
5.133	1.29	11.167	7.71	17.200	1.45	23.23	0.96
5.167	1.29	11.200	7.71	17.233	1.45	23.27	0.96
5.200	1.29	11.233	7.71	17.267	1.45	23.30	0.96
5.233	1.29	11.267	7.71	17.300	1.45	23.33	0.96
5.267	1.29	11.300	7.71	17.333	1.45	23.37	0.96
5.300	1.29	11.333	7.71	17.367	1.45	23.40	0.96
5.333	1.29	11.367	7.71	17.400	1.45	23.43	0.96
5.367	1.29	11.400	7.71	17.433	1.45	23.47	0.96
5.400	1.29	11.433	7.71	17.467	1.45	23.50	0.96
5.433	1.29	11.467	7.71	17.500	1.45	23.53	0.96
5.467	1.29	11.500	7.71	17.533	1.45	23.57	0.96
5.500	1.29	11.533	7.71	17.567	1.45	23.60	0.96
5.533	1.29	11.567	7.71	17.600	1.45	23.63	0.96
5.567	1.29	11.600	15.77	17.633	1.45	23.67	0.96
5.600	1.29	11.633	23.78	17.667	1.45	23.70	0.96
5.633	1.29	11.667	23.78	17.700	1.45	23.73	0.96
5.667	1.29	11.700	23.78	17.733	1.45	23.77	0.96
5.700	1.29	11.733	23.78	17.767	1.45	23.80	0.96
5.733	1.29	11.767	23.78	17.800	1.45	23.83	0.96
5.767	1.29	11.800	23.78	17.833	1.45	23.87	0.96
5.800	1.29	11.833	23.88	17.867	1.45	23.90	0.96
5.833	1.29	11.867	98.35	17.900	1.45	23.93	0.96
5.867	1.29	11.900	98.35	17.933	1.45	23.97	0.96
5.900	1.29	11.933	98.35	17.967	1.45	24.00	0.96
5.933	1.29	11.967	98.35	18.000	1.45	24.03	0.96
5.967	1.29	12.000	98.35	18.033	1.45	24.07	0.96
6.000	1.29	12.033	98.35	18.067	1.45	24.10	0.48
6.033	1.29	12.067	98.35	18.100	1.45		

Unit Hyd Qpeak (cms)= 0.565

PEAK FLOW (cms)= 0.313 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 38.384
TOTAL RAINFALL (mm)= 80.350
RUNOFF COEFFICIENT = 0.478

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0106)	Area (ha)=	0.36	Curve Number (CN)=	79.0	
ID= 1 DT= 2.0 min	Ia (mm)=	6.75	# of Linear Res.(N)=	3.00	
	U.H. Tp(hrs)=	0.14			

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.29	12.100	54.84	18.13	1.45
0.067	0.00	6.100	1.37	12.133	11.57	18.17	1.45
0.100	0.44	6.133	1.45	12.167	11.57	18.20	1.45
0.133	0.88	6.167	1.45	12.200	11.57	18.23	1.45
0.167	0.88	6.200	1.45	12.233	11.57	18.27	1.45
0.200	0.88	6.233	1.45	12.267	11.57	18.30	1.45
0.233	0.88	6.267	1.45	12.300	11.57	18.33	1.45
0.267	0.88	6.300	1.45	12.333	11.57	18.37	1.45
0.300	0.88	6.333	1.45	12.367	11.57	18.40	1.45
0.333	0.88	6.367	1.45	12.400	11.57	18.43	1.45
0.367	0.88	6.400	1.45	12.433	11.57	18.47	1.45
0.400	0.88	6.433	1.45	12.467	11.57	18.50	1.45
0.433	0.88	6.467	1.45	12.500	11.57	18.53	1.45
0.467	0.88	6.500	1.45	12.533	11.57	18.57	1.45
0.500	0.88	6.533	1.45	12.567	11.57	18.60	1.45
0.533	0.88	6.567	1.45	12.600	8.75	18.63	1.45
0.567	0.88	6.600	1.45	12.633	5.95	18.67	1.45
0.600	0.88	6.633	1.45	12.667	5.95	18.70	1.45

10-yr 24hr SCS Type II

0.633	0.88	6.667	1.45	12.700	5.95	18.73	1.45
0.667	0.88	6.700	1.45	12.733	5.95	18.77	1.45
0.700	0.88	6.733	1.45	12.767	5.95	18.80	1.45
0.733	0.88	6.767	1.45	12.800	5.95	18.83	1.45
0.767	0.88	6.800	1.45	12.833	5.95	18.87	1.45
0.800	0.88	6.833	1.45	12.867	5.95	18.90	1.45
0.833	0.88	6.867	1.45	12.900	5.95	18.93	1.45
0.867	0.88	6.900	1.45	12.933	5.95	18.97	1.45
0.900	0.88	6.933	1.45	12.967	5.95	19.00	1.45
0.933	0.88	6.967	1.45	13.000	5.95	19.03	1.45
0.967	0.88	7.000	1.45	13.033	5.95	19.07	1.45
1.000	0.88	7.033	1.45	13.067	5.95	19.10	1.45
1.033	0.88	7.067	1.45	13.100	5.14	19.13	1.45
1.067	0.88	7.100	1.61	13.133	4.34	19.17	1.45
1.100	0.88	7.133	1.77	13.167	4.34	19.20	1.45
1.133	0.88	7.167	1.77	13.200	4.34	19.23	1.45
1.167	0.88	7.200	1.77	13.233	4.34	19.27	1.45
1.200	0.88	7.233	1.77	13.267	4.34	19.30	1.45
1.233	0.88	7.267	1.77	13.300	4.34	19.33	1.45
1.267	0.88	7.300	1.77	13.333	4.34	19.37	1.45
1.300	0.88	7.333	1.77	13.367	4.34	19.40	1.45
1.333	0.88	7.367	1.77	13.400	4.34	19.43	1.45
1.367	0.88	7.400	1.77	13.433	4.34	19.47	1.45
1.400	0.88	7.433	1.77	13.467	4.34	19.50	1.45
1.433	0.88	7.467	1.77	13.500	4.34	19.53	1.45
1.467	0.88	7.500	1.77	13.533	4.34	19.57	1.45
1.500	0.88	7.533	1.77	13.567	4.34	19.60	1.45
1.533	0.88	7.567	1.77	13.600	3.85	19.63	1.45
1.567	0.88	7.600	1.77	13.633	3.37	19.67	1.45
1.600	0.88	7.633	1.77	13.667	3.37	19.70	1.45
1.633	0.88	7.667	1.77	13.700	3.37	19.73	1.45
1.667	0.88	7.700	1.77	13.733	3.37	19.77	1.45
1.700	0.88	7.733	1.77	13.767	3.37	19.80	1.45
1.733	0.88	7.767	1.77	13.800	3.37	19.83	1.45
1.767	0.88	7.800	1.77	13.833	3.37	19.87	1.45
1.800	0.88	7.833	1.77	13.867	3.37	19.90	1.45
1.833	0.88	7.867	1.77	13.900	3.37	19.93	1.45
1.867	0.88	7.900	1.77	13.933	3.37	19.97	1.45
1.900	0.88	7.933	1.77	13.967	3.37	20.00	1.45
1.933	0.88	7.967	1.77	14.000	3.37	20.03	1.45
1.967	0.88	8.000	1.77	14.033	3.37	20.07	1.45
2.000	0.88	8.033	1.77	14.067	3.37	20.10	1.20
2.033	0.88	8.067	1.77	14.100	2.89	20.13	0.96
2.067	0.88	8.100	1.93	14.133	2.41	20.17	0.96
2.100	0.96	8.133	2.09	14.167	2.41	20.20	0.96
2.133	1.04	8.167	2.09	14.200	2.41	20.23	0.96
2.167	1.04	8.200	2.09	14.233	2.41	20.27	0.96
2.200	1.04	8.233	2.09	14.267	2.41	20.30	0.96
2.233	1.04	8.267	2.09	14.300	2.41	20.33	0.96
2.267	1.04	8.300	2.09	14.333	2.41	20.37	0.96
2.300	1.04	8.333	2.09	14.367	2.41	20.40	0.96
2.333	1.04	8.367	2.09	14.400	2.41	20.43	0.96
2.367	1.04	8.400	2.09	14.433	2.41	20.47	0.96
2.400	1.04	8.433	2.09	14.467	2.41	20.50	0.96
2.433	1.04	8.467	2.09	14.500	2.41	20.53	0.96
2.467	1.04	8.500	2.09	14.533	2.41	20.57	0.96
2.500	1.04	8.533	2.09	14.567	2.41	20.60	0.96
2.533	1.04	8.567	2.09	14.600	2.41	20.63	0.96
2.567	1.04	8.600	2.17	14.633	2.41	20.67	0.96
2.600	1.04	8.633	2.25	14.667	2.41	20.70	0.96
2.633	1.04	8.667	2.25	14.700	2.41	20.73	0.96
2.667	1.04	8.700	2.25	14.733	2.41	20.77	0.96
2.700	1.04	8.733	2.25	14.767	2.41	20.80	0.96
2.733	1.04	8.767	2.25	14.800	2.41	20.83	0.96
2.767	1.04	8.800	2.25	14.833	2.41	20.87	0.96
2.800	1.04	8.833	2.25	14.867	2.41	20.90	0.96
2.833	1.04	8.867	2.25	14.900	2.41	20.93	0.96
2.867	1.04	8.900	2.25	14.933	2.41	20.97	0.96
2.900	1.04	8.933	2.25	14.967	2.41	21.00	0.96
2.933	1.04	8.967	2.25	15.000	2.41	21.03	0.96
2.967	1.04	9.000	2.25	15.033	2.41	21.07	0.96
3.000	1.04	9.033	2.25	15.067	2.41	21.10	0.96
3.033	1.04	9.067	2.25	15.100	2.41	21.13	0.96
3.067	1.04	9.100	2.41	15.133	2.41	21.17	0.96
3.100	1.04	9.133	2.57	15.167	2.41	21.20	0.96
3.133	1.04	9.167	2.57	15.200	2.41	21.23	0.96
3.167	1.04	9.200	2.57	15.233	2.41	21.27	0.96
3.200	1.04	9.233	2.57	15.267	2.41	21.30	0.96
3.233	1.04	9.267	2.57	15.300	2.41	21.33	0.96
3.267	1.04	9.300	2.57	15.333	2.41	21.37	0.96
3.300	1.04	9.333	2.57	15.367	2.41	21.40	0.96
3.333	1.04	9.367	2.57	15.400	2.41	21.43	0.96
3.367	1.04	9.400	2.57	15.433	2.41	21.47	0.96
3.400	1.04	9.433	2.57	15.467	2.41	21.50	0.96
3.433	1.04	9.467	2.57	15.500	2.41	21.53	0.96
3.467	1.04	9.500	2.57	15.533	2.41	21.57	0.96
3.500	1.04	9.533	2.57	15.567	2.41	21.60	0.96
3.533	1.04	9.567	2.57	15.600	2.41	21.63	0.96
3.567	1.04	9.600	2.73	15.633	2.41	21.67	0.96
3.600	1.04	9.633	2.89	15.667	2.41	21.70	0.96
3.633	1.04	9.667	2.89	15.700	2.41	21.73	0.96
3.667	1.04	9.700	2.89	15.733	2.41	21.77	0.96
3.700	1.04	9.733	2.89	15.767	2.41	21.80	0.96
3.733	1.04	9.767	2.89	15.800	2.41	21.83	0.96
3.767	1.04	9.800	2.89	15.833	2.41	21.87	0.96
3.800	1.04	9.833	2.89	15.867	2.41	21.90	0.96
3.833	1.04	9.867	2.89	15.900	2.41	21.93	0.96
3.867	1.04	9.900	2.89	15.933	2.41	21.97	0.96
3.900	1.04	9.933	2.89	15.967	2.41	22.00	0.96
3.933	1.04	9.967	2.89	16.000	2.41	22.03	0.96
3.967	1.04	10.000	2.89	16.033	2.41	22.07	0.96
4.000	1.04	10.033	2.89	16.067	2.41	22.10	0.96
4.033	1.04	10.067	2.89	16.100	1.93	22.13	0.96
4.067	1.04	10.100	3.29	16.133	1.45	22.17	0.96
4.100	1.17	10.133	3.70	16.167	1.45	22.20	0.96
4.133	1.29	10.167	3.70	16.200	1.45	22.23	0.96
4.167	1.29	10.200	3.70	16.233	1.45	22.27	0.96
4.200	1.29	10.233	3.70	16.267	1.45	22.30	0.96
4.233	1.29	10.267	3.70	16.300	1.45	22.33	0.96
4.267	1.29	10.300	3.70	16.333	1.45	22.37	0.96
4.300	1.29	10.333	3.70	16.367	1.45	22.40	0.96
4.333	1.29	10.367	3.70	16.400	1.45	22.43	0.96
4.367	1.29	10.400	3.70	16.433	1.45	22.47	0.96
4.400	1.29	10.433	3.70	16.467	1.45	22.50	0.96
4.433	1.29	10.467	3.70	16.500	1.45	22.53	0.96
4.467	1.29	10.500	3.70	16.533	1.45	22.57	0.96
4.500	1.29	10.533	3.70	16.567	1.45	22.60	0.96
4.533	1.29	10.567	3.70	16.600	1.45	22.63	0.96
4.567	1.29	10.600	4.34	16.633	1.45	22.67	0.96
4.600	1.29	10.633	4.98	16.667	1.45	22.70	0.96
4.633	1.29	10.667	4.98	16.700	1.45	22.73	0.96
4.667	1.29	10.700	4.98	16.733	1.45	22.77	0.96
4.700	1.29	10.733	4.98	16.767	1.45	22.80	0.96
4.733	1.29	10.767	4.98	16.800	1.45	22.83	0.96
4.767	1.29	10.800	4.98	16.833	1.45	22.87	0.96
4.800	1.29	10.833	4.98	16.867	1.45	22.90	0.96
4.833	1.29	10.867	4.98	16.900	1.45	22.93	0.96
4.867	1.29	10.900	4.98	16.933	1.45	22.97	0.96
4.900	1.29	10.933	4.98	16.967	1.45	23.00	0.96
4.933	1.29	10.967	4.98	17.000	1.45	23.03	0.96
4.967	1.29	11.000	4.98	17.033	1.45	23.07	0.96
5.000	1.29	11.033	4.98	17.067	1.45	23.10	0.96
5.033	1.29	11.067	4.98	17.100	1.45	23.13	0.96
5.067	1.29	11.100	6.35	17.133	1.45	23.17	0.96
5.100	1.29	11.133	7.71	17.167	1.45	23.20	0.96
5.133	1.29	11.167	7.71	17.200	1.45	23.23	0.96
5.167	1.29	11.200	7.71	17.233	1.45	23.27	0.96
5.200	1.29	11.233	7.71	17.267	1.45	23.30	0.96
5.233	1.29	11.267	7.71	17.300	1.45	23.33	0.96
5.267	1.29	11.300	7.71	17.333	1.45	23.37	0.96
5.300	1.29	11.333	7.71	17.367	1.45	23.40	0.96
5.333	1.29	11.367	7.71	17.400	1.45	23.43	0.96
5.367	1.29	11.400	7.71	17.433	1.45	23.47	0.96
5.400	1.29	11.433	7.71	17.467	1.45	23.50	0.96
5.433	1.29	11.467	7.71	17.500	1.45	23.53	0.96
5.467	1.29	11.500	7.71	17.533	1.45	23.57	0.96
5.500	1.29	11.533	7.71	17.567	1.45	23.60	0.96
5.533	1.29	11.567	7.71	17.600	1.45	23.63	0.96
5.567	1.29	11.600	15.77	17.633	1.45	23.67	0.96
5.600	1.29	11.633	23.78	17.667	1.45	23.70	0.96
5.633	1.29	11.667	23.78	17.700	1.45	23.73	0.96
5.667	1.29	11.700	23.78	17.733	1.45	23.77	0.96
5.700	1.29	11.733	23.78	17.767	1.45	23.80	0.96
5.733	1.29	11.767	23.78	17.800	1.45	23.83	0.96
5.767	1.29	11.800	23.78	17.833	1.45	23.87	0.96
5.800	1.29	11.833	23.88	17.867	1.45	23.90	0.96
5.833	1.29	11.867	98.35	17.900	1.45	23.93	0.96
5.867	1.29	11.900	98.35	17.933	1.45	23.97	0.96
5.900	1.29	11.933	98.35	17.967	1.45	24.00	0.96
5.933	1.29	11.967	98.35	18.000	1.45	24.03	0.96
5.967	1.29	12.000	98.35	18.033	1.45	24.07	0.96
6.000	1.29	12.033	98.35	18.067	1.45	24.10	0.48
6.033	1.29	12.067	98.35	18.100	1.45		

Unit Hyd Qpeak (cms)= 0.098

PEAK FLOW (cms)= 0.044 (i)
TIME TO PEAK (hrs)= 12.133
RUNOFF VOLUME (mm)= 38.376
TOTAL RAINFALL (mm)= 80.350
RUNOFF COEFFICIENT = 0.478

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0104)	Area (ha)=	0.95	
ID= 1 DT= 1.0 min	Total Imp(%)=	53.00	Dir. Conn.(%)= 26.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.50	0.45
Dep. Storage	(mm)=	1.00	6.75
Average Slope	(%)=	1.00	2.00
Length	(m)=	50.00	40.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.050	1.29	12.083	98.35	18.12	1.45
0.033	0.00	6.067	1.29	12.100	11.64	18.13	1.45
0.050	0.00	6.083	1.29	12.117	11.57	18.15	1.45
0.067	0.00	6.100	1.45	12.133	11.57	18.17	1.45
0.083	0.00	6.117	1.45	12.150	11.57	18.18	1.45
0.100	0.88	6.133	1.45	12.167	11.57	18.20	1.45
0.117	0.88	6.150	1.45	12.183	11.57	18.22	1.45
0.133	0.88	6.167	1.45	12.200	11.57	18.23	1.45
0.150	0.88	6.183	1.45	12.217	11.57	18.25	1.45
0.167	0.88	6.200	1.45	12.233	11.57	18.27	1.45
0.183	0.88	6.217	1.45	12.250	11.57	18.28	1.45
0.200	0.88	6.233	1.45	12.267	11.57	18.30	1.45
0.217	0.88	6.250	1.45	12.283	11.57	18.32	1.45
0.233	0.88	6.267	1.45	12.300	11.57	18.33	1.45
0.250	0.88	6.283	1.45	12.317	11.57	18.35	1.45
0.267	0.88	6.300	1.45	12.333	11.57	18.37	1.45
0.283	0.88	6.317	1.45	12.350	11.57	18.38	1.45
0.300	0.88	6.333	1.45	12.367	11.57	18.40	1.45
0.317	0.88	6.350	1.45	12.383	11.57	18.42	1.45
0.333	0.88	6.367	1.45	12.400	11.57	18.43	1.45
0.350	0.88	6.383	1.45	12.417	11.57	18.45	1.45
0.367	0.88	6.400	1.45	12.433	11.57	18.47	1.45
0.383	0.88	6.417	1.45	12.450	11.57	18.48	1.45
0.400	0.88	6.433	1.45	12.467	11.57	18.50	1.45
0.417	0.88	6.450	1.45	12.483	11.57	18.52	1.45
0.433	0.88	6.467	1.45	12.500	11.57	18.53	1.45
0.450	0.88	6.483	1.45	12.517	11.57	18.55	1.45
0.467	0.88	6.500	1.45	12.533	11.57	18.57	1.45
0.483	0.88	6.517	1.45	12.550	11.57	18.58	1.45
0.500	0.88	6.533	1.45	12.567	11.57	18.60	1.45
0.517	0.88	6.550	1.45	12.583	11.57	18.62	1.45
0.533	0.88	6.567	1.45	12.600	5.95	18.63	1.45
0.550	0.88	6.583	1.45	12.617	5.95	18.65	1.45
0.567	0.88	6.600	1.45	12.633	5.95	18.67	1.45
0.583	0.88	6.617	1.45	12.650	5.95	18.68	1.45
0.600	0.88	6.633	1.45	12.667	5.95	18.70	1.45
0.617	0.88	6.650	1.45	12.683	5.95	18.72	1.45
0.633	0.88	6.667	1.45	12.700	5.95	18.73	1.45
0.650	0.88	6.683	1.45	12.717	5.95	18.75	1.45
0.667	0.88	6.700	1.45	12.733	5.95	18.77	1.45
0.683	0.88	6.717	1.45	12.750	5.95	18.78	1.45
0.700	0.88	6.733	1.45	12.767	5.95	18.80	1.45
0.717	0.88	6.750	1.45	12.783	5.95	18.82	1.45
0.733	0.88	6.767	1.45	12.800	5.95	18.83	1.45
0.750	0.88	6.783	1.45	12.817	5.95	18.85	1.45
0.767	0.88	6.800	1.45	12.833	5.95	18.87	1.45
0.783	0.88	6.817	1.45	12.850	5.95	18.88	1.45
0.800	0.88	6.833	1.45	12.867	5.95	18.90	1.45
0.817	0.88	6.850	1.45	12.883	5.95	18.92	1.45
0.833	0.88	6.867	1.45	12.900	5.95	18.93	1.45
0.850	0.88	6.883	1.45	12.917	5.95	18.95	1.45
0.867	0.88	6.900	1.45	12.933	5.95	18.97	1.45
0.883	0.88	6.917	1.45	12.950	5.95	18.98	1.45
0.900	0.88	6.933	1.45	12.967	5.95	19.00	1.45
0.917	0.88	6.950	1.45	12.983	5.95	19.02	1.45
0.933	0.88	6.967	1.45	13.000	5.95	19.03	1.45
0.950	0.88	6.983	1.45	13.017	5.95	19.05	1.45
0.967	0.88	7.000	1.45	13.033	5.95	19.07	1.45
0.983	0.88	7.017	1.45	13.050	5.95	19.08	1.45
1.000	0.88	7.033	1.45	13.067	5.95	19.10	1.45
1.017	0.88	7.050	1.45	13.083	5.95	19.12	1.45
1.033	0.88	7.067	1.45	13.100	4.34	19.13	1.45
1.050	0.88	7.083	1.45	13.117	4.34	19.15	1.45
1.067	0.88	7.100	1.77	13.133	4.34	19.17	1.45
1.083	0.88	7.117	1.77	13.150	4.34	19.18	1.45
1.100	0.88	7.133	1.77	13.167	4.34	19.20	1.45
1.117	0.88	7.150	1.77	13.183	4.34	19.22	1.45
1.133	0.88	7.167	1.77	13.200	4.34	19.23	1.45
1.150	0.88	7.183	1.77	13.217	4.34	19.25	1.45
1.167	0.88	7.200	1.77	13.233	4.34	19.27	1.45
1.183	0.88	7.217	1.77	13.250	4.34	19.28	1.45
1.200	0.88	7.233	1.77	13.267	4.34	19.30	1.45
1.217	0.88	7.250	1.77	13.283	4.34	19.32	1.45
1.233	0.88	7.267	1.77	13.300	4.34	19.33	1.45
1.250	0.88	7.283	1.77	13.317	4.34	19.35	1.45
1.267	0.88	7.300	1.77	13.333	4.34	19.37	1.45
1.283	0.88	7.317	1.77	13.350	4.34	19.38	1.45
1.300	0.88	7.333	1.77	13.367	4.34	19.40	1.45
1.317	0.88	7.350	1.77	13.383	4.34	19.42	1.45
1.333	0.88	7.367	1.77	13.400	4.34	19.43	1.45
1.350	0.88	7.383	1.77	13.417	4.34	19.45	1.45
1.367	0.88	7.400	1.77	13.433	4.34	19.47	1.45
1.383	0.88	7.417	1.77	13.450	4.34	19.48	1.45
1.400	0.88	7.433	1.77	13.467	4.34	19.50	1.45
1.417	0.88	7.450	1.77	13.483	4.34	19.52	1.45
1.433	0.88	7.467	1.77	13.500	4.34	19.53	1.45
1.450	0.88	7.483	1.77	13.517	4.34	19.55	1.45
1.467	0.88	7.500	1.77	13.533	4.34	19.57	1.45
1.483	0.88	7.517	1.77	13.550	4.34	19.58	1.45
1.500	0.88	7.533	1.77	13.567	4.34	19.60	1.45
1.517	0.88	7.550	1.77	13.583	4.34	19.62	1.45
1.533	0.88	7.567	1.77	13.600	3.38	19.63	1.45
1.550	0.88	7.583	1.77	13.617	3.37	19.65	1.45

10-yr 24hr SCS Type II

1.567	0.88	7.600	1.77	13.633	3.37	19.67	1.45
1.583	0.88	7.617	1.77	13.650	3.37	19.68	1.45
1.600	0.88	7.633	1.77	13.667	3.37	19.70	1.45
1.617	0.88	7.650	1.77	13.683	3.37	19.72	1.45
1.633	0.88	7.667	1.77	13.700	3.37	19.73	1.45
1.650	0.88	7.683	1.77	13.717	3.37	19.75	1.45
1.667	0.88	7.700	1.77	13.733	3.37	19.77	1.45
1.683	0.88	7.717	1.77	13.750	3.37	19.78	1.45
1.700	0.88	7.733	1.77	13.767	3.37	19.80	1.45
1.717	0.88	7.750	1.77	13.783	3.37	19.82	1.45
1.733	0.88	7.767	1.77	13.800	3.37	19.83	1.45
1.750	0.88	7.783	1.77	13.817	3.37	19.85	1.45
1.767	0.88	7.800	1.77	13.833	3.37	19.87	1.45
1.783	0.88	7.817	1.77	13.850	3.37	19.88	1.45
1.800	0.88	7.833	1.77	13.867	3.37	19.90	1.45
1.817	0.88	7.850	1.77	13.883	3.37	19.92	1.45
1.833	0.88	7.867	1.77	13.900	3.37	19.93	1.45
1.850	0.88	7.883	1.77	13.917	3.37	19.95	1.45
1.867	0.88	7.900	1.77	13.933	3.37	19.97	1.45
1.883	0.88	7.917	1.77	13.950	3.37	19.98	1.45
1.900	0.88	7.933	1.77	13.967	3.37	20.00	1.45
1.917	0.88	7.950	1.77	13.983	3.37	20.02	1.45
1.933	0.88	7.967	1.77	14.000	3.37	20.03	1.45
1.950	0.88	7.983	1.77	14.017	3.37	20.05	1.45
1.967	0.88	8.000	1.77	14.033	3.37	20.07	1.45
1.983	0.88	8.017	1.77	14.050	3.37	20.08	1.45
2.000	0.88	8.033	1.77	14.067	3.37	20.10	0.97
2.017	0.88	8.050	1.77	14.083	3.37	20.12	0.96
2.033	0.88	8.067	1.77	14.100	2.41	20.13	0.96
2.050	0.88	8.083	1.77	14.117	2.41	20.15	0.96
2.067	0.88	8.100	2.09	14.133	2.41	20.17	0.96
2.083	0.88	8.117	2.09	14.150	2.41	20.18	0.96
2.100	1.04	8.133	2.09	14.167	2.41	20.20	0.96
2.117	1.04	8.150	2.09	14.183	2.41	20.22	0.96
2.133	1.04	8.167	2.09	14.200	2.41	20.23	0.96
2.150	1.04	8.183	2.09	14.217	2.41	20.25	0.96
2.167	1.04	8.200	2.09	14.233	2.41	20.27	0.96
2.183	1.04	8.217	2.09	14.250	2.41	20.28	0.96
2.200	1.04	8.233	2.09	14.267	2.41	20.30	0.96
2.217	1.04	8.250	2.09	14.283	2.41	20.32	0.96
2.233	1.04	8.267	2.09	14.300	2.41	20.33	0.96
2.250	1.04	8.283	2.09	14.317	2.41	20.35	0.96
2.267	1.04	8.300	2.09	14.333	2.41	20.37	0.96
2.283	1.04	8.317	2.09	14.350	2.41	20.38	0.96
2.300	1.04	8.333	2.09	14.367	2.41	20.40	0.96
2.317	1.04	8.350	2.09	14.383	2.41	20.42	0.96
2.333	1.04	8.367	2.09	14.400	2.41	20.43	0.96
2.350	1.04	8.383	2.09	14.417	2.41	20.45	0.96
2.367	1.04	8.400	2.09	14.433	2.41	20.47	0.96
2.383	1.04	8.417	2.09	14.450	2.41	20.48	0.96
2.400	1.04	8.433	2.09	14.467	2.41	20.50	0.96
2.417	1.04	8.450	2.09	14.483	2.41	20.52	0.96
2.433	1.04	8.467	2.09	14.500	2.41	20.53	0.96
2.450	1.04	8.483	2.09	14.517	2.41	20.55	0.96
2.467	1.04	8.500	2.09	14.533	2.41	20.57	0.96
2.483	1.04	8.517	2.09	14.550	2.41	20.58	0.96
2.500	1.04	8.533	2.09	14.567	2.41	20.60	0.96
2.517	1.04	8.550	2.09	14.583	2.41	20.62	0.96
2.533	1.04	8.567	2.09	14.600	2.41	20.63	0.96
2.550	1.04	8.583	2.09	14.617	2.41	20.65	0.96
2.567	1.04	8.600	2.25	14.633	2.41	20.67	0.96
2.583	1.04	8.617	2.25	14.650	2.41	20.68	0.96
2.600	1.04	8.633	2.25	14.667	2.41	20.70	0.96
2.617	1.04	8.650	2.25	14.683	2.41	20.72	0.96
2.633	1.04	8.667	2.25	14.700	2.41	20.73	0.96
2.650	1.04	8.683	2.25	14.717	2.41	20.75	0.96
2.667	1.04	8.700	2.25	14.733	2.41	20.77	0.96
2.683	1.04	8.717	2.25	14.750	2.41	20.78	0.96
2.700	1.04	8.733	2.25	14.767	2.41	20.80	0.96
2.717	1.04	8.750	2.25	14.783	2.41	20.82	0.96
2.733	1.04	8.767	2.25	14.800	2.41	20.83	0.96
2.750	1.04	8.783	2.25	14.817	2.41	20.85	0.96
2.767	1.04	8.800	2.25	14.833	2.41	20.87	0.96
2.783	1.04	8.817	2.25	14.850	2.41	20.88	0.96
2.800	1.04	8.833	2.25	14.867	2.41	20.90	0.96
2.817	1.04	8.850	2.25	14.883	2.41	20.92	0.96
2.833	1.04	8.867	2.25	14.900	2.41	20.93	0.96
2.850	1.04	8.883	2.25	14.917	2.41	20.95	0.96
2.867	1.04	8.900	2.25	14.933	2.41	20.97	0.96
2.883	1.04	8.917	2.25	14.950	2.41	20.98	0.96
2.900	1.04	8.933	2.25	14.967	2.41	21.00	0.96
2.917	1.04	8.950	2.25	14.983	2.41	21.02	0.96
2.933	1.04	8.967	2.25	15.000	2.41	21.03	0.96
2.950	1.04	8.983	2.25	15.017	2.41	21.05	0.96
2.967	1.04	9.000	2.25	15.033	2.41	21.07	0.96
2.983	1.04	9.017	2.25	15.050	2.41	21.08	0.96
3.000	1.04	9.033	2.25	15.067	2.41	21.10	0.96
3.017	1.04	9.050	2.25	15.083	2.41	21.12	0.96
3.033	1.04	9.067	2.25	15.100	2.41	21.13	0.96
3.050	1.04	9.083	2.25	15.117	2.41	21.15	0.96
3.067	1.04	9.100	2.57	15.133	2.41	21.17	0.96
3.083	1.04	9.117	2.57	15.150	2.41	21.18	0.96
3.100	1.04	9.133	2.57	15.167	2.41	21.20	0.96
3.117	1.04	9.150	2.57	15.183	2.41	21.22	0.96
3.133	1.04	9.167	2.57	15.200	2.41	21.23	0.96
3.150	1.04	9.183	2.57	15.217	2.41	21.25	0.96
3.167	1.04	9.200	2.57	15.233	2.41	21.27	0.96
3.183	1.04	9.217	2.57	15.250	2.41	21.28	0.96
3.200	1.04	9.233	2.57	15.267	2.41	21.30	0.96
3.217	1.04	9.250	2.57	15.283	2.41	21.32	0.96
3.233	1.04	9.267	2.57	15.300	2.41	21.33	0.96
3.250	1.04	9.283	2.57	15.317	2.41	21.35	0.96
3.267	1.04	9.300	2.57	15.333	2.41	21.37	0.96
3.283	1.04	9.317	2.57	15.350	2.41	21.38	0.96
3.300	1.04	9.333	2.57	15.367	2.41	21.40	0.96
3.317	1.04	9.350	2.57	15.383	2.41	21.42	0.96
3.333	1.04	9.367	2.57	15.400	2.41	21.43	0.96
3.350	1.04	9.383	2.57	15.417	2.41	21.45	0.96
3.367	1.04	9.400	2.57	15.433	2.41	21.47	0.96
3.383	1.04	9.417	2.57	15.450	2.41	21.48	0.96
3.400	1.04	9.433	2.57	15.467	2.41	21.50	0.96
3.417	1.04	9.450	2.57	15.483	2.41	21.52	0.96
3.433	1.04	9.467	2.57	15.500	2.41	21.53	0.96
3.450	1.04	9.483	2.57	15.517	2.41	21.55	0.96
3.467	1.04	9.500	2.57	15.533	2.41	21.57	0.96
3.483	1.04	9.517	2.57	15.550	2.41	21.58	0.96
3.500	1.04	9.533	2.57	15.567	2.41	21.60	0.96
3.517	1.04	9.550	2.57	15.583	2.41	21.62	0.96
3.533	1.04	9.567	2.57	15.600	2.41	21.63	0.96
3.550	1.04	9.583	2.57	15.617	2.41	21.65	0.96
3.567	1.04	9.600	2.89	15.633	2.41	21.67	0.96
3.583	1.04	9.617	2.89	15.650	2.41	21.68	0.96
3.600	1.04	9.633	2.89	15.667	2.41	21.70	0.96
3.617	1.04	9.650	2.89	15.683	2.41	21.72	0.96
3.633	1.04	9.667	2.89	15.700	2.41	21.73	0.96
3.650	1.04	9.683	2.89	15.717	2.41	21.75	0.96
3.667	1.04	9.700	2.89	15.733	2.41	21.77	0.96
3.683	1.04	9.717	2.89	15.750	2.41	21.78	0.96
3.700	1.04	9.733	2.89	15.767	2.41	21.80	0.96
3.717	1.04	9.750	2.89	15.783	2.41	21.82	0.96
3.733	1.04	9.767	2.89	15.800	2.41	21.83	0.96
3.750	1.04	9.783	2.89	15.817	2.41	21.85	0.96
3.767	1.04	9.800	2.89	15.833	2.41	21.87	0.96
3.783	1.04	9.817	2.89	15.850	2.41	21.88	0.96
3.800	1.04	9.833	2.89	15.867	2.41	21.90	0.96
3.817	1.04	9.850	2.89	15.883	2.41	21.92	0.96
3.833	1.04	9.867	2.89	15.900	2.41	21.93	0.96
3.850	1.04	9.883	2.89	15.917	2.41	21.95	0.96
3.867	1.04	9.900	2.89	15.933	2.41	21.97	0.96
3.883	1.04	9.917	2.89	15.950	2.41	21.98	0.96
3.900	1.04	9.933	2.89	15.967	2.41	22.00	0.96
3.917	1.04	9.950	2.89	15.983	2.41	22.02	0.96
3.933	1.04	9.967	2.89	16.000	2.41	22.03	0.96
3.950	1.04	9.983	2.89	16.017	2.41	22.05	0.96
3.967	1.04	10.000	2.89	16.033	2.41	22.07	0.96
3.983	1.04	10.017	2.89	16.050	2.41	22.08	0.96
4.000	1.04	10.033	2.89	16.067	2.41	22.10	0.96
4.017	1.04	10.050	2.89	16.083	2.41	22.12	0.96
4.033	1.04	10.067	2.89	16.100	1.45	22.13	0.96
4.050	1.04	10.083	2.89	16.117	1.45	22.15	0.96
4.067	1.04	10.100	3.70	16.133	1.45	22.17	0.96
4.083	1.04	10.117	3.70	16.150	1.45	22.18	0.96
4.100	1.29	10.133	3.70	16.167	1.45	22.20	0.96
4.117	1.29	10.150	3.70	16.183	1.45	22.22	0.96
4.133	1.29	10.167	3.70	16.200	1.45	22.23	0.96
4.150	1.29	10.183	3.70	16.217	1.45	22.25	0.96
4.167	1.29	10.200	3.70	16.233	1.45	22.27	0.96
4.183	1.29	10.217	3.70	16.250	1.45	22.28	0.96
4.200	1.29	10.233	3.70	16.267	1.45	22.30	0.96
4.217	1.29	10.250	3.70	16.283	1.45	22.32	0.96
4.233	1.29	10.267	3.70	16.300	1.45	22.33	0.96
4.250	1.29	10.283	3.70	16.317	1.45	22.35	0.96
4.267	1.29	10.300	3.70	16.333	1.45	22.37	0.96
4.283	1.29	10.317	3.70	16.350	1.45	22.38	0.96
4.300	1.29	10.333	3.70	16.367	1.45	22.40	0.96
4.317	1.29	10.350	3.70	16.383	1.45	22.42	0.96
4.333	1.29	10.367	3.70	16.400	1.45	22.43	0.96
4.350	1.29	10.383	3.70	16.417	1.45	22.45	0.96
4.367	1.29	10.400	3.70	16.433	1.45	22.47	0.96
4.383	1.29	10.417	3.70	16.450	1.45	22.48	0.96
4.400	1.29	10.433	3.70	16.467	1.45	22.50	0.96
4.417	1.29	10.450	3.70	16.483	1.45	22.52	0.96
4.433	1.29	10.467	3.70	16.500	1.45	22.53	0.96
4.450	1.29	10.483	3.70	16.517	1.45	22.55	0.96
4.467	1.29	10.500	3.70	16.533	1.45	22.57	0.96
4.483	1.29	10.517	3.70	16.550	1.45	22.58	0.96
4.500	1.29	10.533	3.70	16.567	1.45	22.60	0.96
4.517	1.29	10.550	3.70	16.583	1.45	22.62	0.96
4.533	1.29	10.567	3.70	16.600	1.45	22.63	0.96
4.550	1.29	10.583	3.70	16.617	1.45	22.65	0.96
4.567	1.29	10.600	4.98	16.633	1.45	22.67	0.96
4.583	1.29	10.617	4.98	16.650	1.45	22.68	0.96
4.600	1.29	10.633	4.98	16.667	1.45	22.70	0.96
4.617	1.29	10.650	4.98	16.683	1.45	22.72	0.96
4.633	1.29	10.667	4.98	16.700	1.45	22.73	0.96
4.650	1.29	10.683	4.98	16.717	1.45	22.75	0.96
4.667	1.29	10.700	4.98	16.733	1.45	22.77	0.96
4.683	1.29	10.717	4.98	16.750	1.45	22.78	0.96
4.700	1.29	10.733	4.98	16.767	1.45	22.80	0.96
4.717	1.29	10.750	4.98	16.783	1.45	22.82	0.96
4.733	1.29	10.767	4.98	16.800	1.45	22.83	0.96
4.750	1.29	10.783	4.98	16.817	1.45	22.85	0.96
4.767	1.29	10.800	4.98	16.833	1.45	22.87	0.96
4.783	1.29	10.817	4.98	16.850	1.45	22.88	0.96
4.800	1.29	10.833	4.98	16.867	1.45	22.90	0.96
4.817	1.29	10.850	4.98	16.883	1.45	22.92	0.96
4.833	1.29	10.867	4.98	16.900	1.45	22.93	0.96
4.850	1.29	10.883	4.98	16.917	1.45	22.95	0.96
4.867	1.29	10.900	4.98	16.933	1.45	22.97	0.96
4.883	1.29	10.917	4.98	16.950	1.45	22.98	0.96
4.900	1.29	10.933	4.98	16.967	1.45	23.00	0.96
4.917	1.29	10.950	4.98	16.983	1.45	23.02	0.96
4.933	1.29	10.967	4.98	17.000	1.45	23.03	0.96
4.950	1.29	10.983	4.98	17.017	1.45	23.05	0.96
4.967	1.29	11.000	4.98	17.033	1.45	23.07	0.96
4.983	1.29	11.017	4.98	17.050	1.45	23.08	0.96
5.000	1.29	11.033	4.98	17.067	1.45	23.10	0.96
5.017	1.29	11.050	4.98	17.083	1.45	23.12	0.96
5.033	1.29	11.067	4.98	17.100	1.45	23.13	0.96
5.050	1.29	11.083	4.98	17.117	1.45	23.15	0.96
5.067	1.29	11.100	7.71	17.133	1.45	23.17	0.96
5.083	1.29	11.117	7.71	17.150	1.45	23.18	0.96
5.100	1.29	11.133	7.71	17.167	1.45	23.20	0.96
5.117	1.29	11.150	7.71	17.183	1.45	23.22	0.96
5.133	1.29	11.167	7.71	17.200	1.45	23.23	0.96
5.150	1.29	11.183	7.71	17.217	1.45	23.25	0.96
5.167	1.29	11.200	7.71	17.233	1.45	23.27	0.96
5.183	1.29	11.217	7.71	17.250	1.45	23.28	0.96
5.200	1.29	11.233	7.71	17.267	1.45	23.30	0.96
5.217	1.29	11.250	7.71	17.283	1.45	23.32	0.96
5.233	1.29	11.267	7.71	17.300	1.45	23.33	0.96
5.250	1.29	11.283	7.71	17.317	1.45	23.35	0.96
5.267	1.29	11.300	7.71	17.333	1.45	23.37	0.96
5.283	1.29	11.317	7.71	17.350	1.45	23.38	0.96
5.300	1.29	11.333	7.71	17.367	1.45	23.40	0.96
5.317	1.29	11.350	7.71	17.383	1.45	23.42	0.96
5.333	1.29	11.367	7.71	17.400	1.45	23.43	0.96
5.350	1.29	11.383	7.71	17.417	1.45	23.45	0.96
5.367	1.29	11.400	7.71	17.433	1.45	23.47	0.96
5.383	1.29	11.417	7.71	17.450	1.45	23.48	0.96
5.400	1.29	11.433	7.71	17.467	1.45	23.50	0.96
5.417	1.29	11.450	7.71	17.483	1.45	23.52	0.96
5.433	1.29	11.467	7.71	17.500	1.45	23.53	0.96
5.450	1.29	11.483	7.71	17.517	1.45	23.55	0.96
5.467	1.29	11.500	7.71	17.533	1.45	23.57	0.96
5.483	1.29	11.517	7.71	17.550	1.45	23.58	0.96
5.500	1.29	11.533	7.71	17.567	1.45	23.60	0.96
5.517	1.29	11.550	7.71	17.583	1.45	23.62	0.96
5.533	1.29	11.567	7.71	17.600	1.45	23.63	0.96
5.550	1.29	11.583	7.71	17.617	1.45	23.65	0.96
5.567	1.29	11.600	23.78	17.633	1.45	23.67	0.96
5.583	1.29	11.617	23.78	17.650	1.45	23.68	0.96
5.600	1.29	11.633	23.78	17.667	1.45	23.70	0.96
5.617	1.29	11.650	23.78	17.683	1.45	23.72	0.96
5.633	1.29	11.667	23.78	17.700	1.45	23.73	0.96
5.650	1.29	11.683	23.78	17.717	1.45	23.75	0.96
5.667	1.29	11.700	23.78	17.733	1.45	23.77	0.96
5.683	1.29	11.717	23.78	17.750	1.45	23.78	0.96
5.700	1.29	11.733	23.78	17.767	1.45	23.80	0.96
5.717	1.29	11.750	23.78	17.783	1.45	23.82	0.96
5.733	1.29	11.767	23.78	17.800	1.45	23.83	0.96
5.750	1.29	11.783	23.78	17.817	1.45	23.85	0.96
5.767	1.29	11.800	23.78	17.833	1.45	23.87	0.96
5.783	1.29	11.817	23.78	17.850	1.45	23.88	0.96
5.800	1.29	11.833	23.78	17.867	1.45	23.90	0.96
5.817	1.29	11.850	98.35	17.883	1.45	23.92	0.96
5.833	1.29	11.867	98.35	17.900	1.45	23.93	0.96
5.850	1.29	11.883	98.35	17.917	1.45	23.95	0.96
5.867	1.29	11.900	98.35	17.933	1.45	23.97	0.96
5.883	1.29	11.917	98.35	17.950	1.45	23.98	0.96
5.900	1.29	11.933	98.35	17.967	1.45	24.00	0.96
5.917	1.29	11.950	98.35	17.983	1.45	24.02	0.96
5.933	1.29	11.967	98.35	18.000	1.45	24.03	0.96
5.950	1.29	11.983	98.35	18.017	1.45	24.05	0.96
5.967	1.29	12.000	98.35	18.033	1.45	24.07	0.96
5.983	1.29	12.017	98.35	18.050	1.45	24.08	0.96
6.000	1.29	12.033	98.35	18.067	1.45		
6.017	1.29	12.050	98.35	18.083	1.45		
6.033	1.29	12.067	98.35	18.100	1.45		

Max.Eff.Inten.(mm/hr)=	98.35	113.78
over (min)	5.00	9.00
Storage Coeff. (min)=	1.70 (ii)	8.40 (ii)
Unit Hyd. Tpeak (min)=	5.00	9.00
Unit Hyd. peak (cms)=	0.40	0.13

		TOTALS
PEAK FLOW (cms)=	0.07	0.11 0.168 (iii)
TIME TO PEAK (hrs)=	12.08	12.13 12.10
RUNOFF VOLUME (mm)=	79.35	48.63 56.62
TOTAL RAINFALL (mm)=	80.35	80.35 80.35
RUNOFF COEFFICIENT =	0.99	0.61 0.70

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 79.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL

10-yr 24hr SCS Type II

THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0103)	Area	(ha)=	1.47	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)=	3.00
	U.H. Tp(hrs)=		0.19		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.29	12.100	54.84	18.13	1.45
0.067	0.00	6.100	1.37	12.133	11.57	18.17	1.45
0.100	0.44	6.133	1.45	12.167	11.57	18.20	1.45
0.133	0.88	6.167	1.45	12.200	11.57	18.23	1.45
0.167	0.88	6.200	1.45	12.233	11.57	18.27	1.45
0.200	0.88	6.233	1.45	12.267	11.57	18.30	1.45
0.233	0.88	6.267	1.45	12.300	11.57	18.33	1.45
0.267	0.88	6.300	1.45	12.333	11.57	18.37	1.45
0.300	0.88	6.333	1.45	12.367	11.57	18.40	1.45
0.333	0.88	6.367	1.45	12.400	11.57	18.43	1.45
0.367	0.88	6.400	1.45	12.433	11.57	18.47	1.45
0.400	0.88	6.433	1.45	12.467	11.57	18.50	1.45
0.433	0.88	6.467	1.45	12.500	11.57	18.53	1.45
0.467	0.88	6.500	1.45	12.533	11.57	18.57	1.45
0.500	0.88	6.533	1.45	12.567	11.57	18.60	1.45
0.533	0.88	6.567	1.45	12.600	8.75	18.63	1.45
0.567	0.88	6.600	1.45	12.633	5.95	18.67	1.45
0.600	0.88	6.633	1.45	12.667	5.95	18.70	1.45
0.633	0.88	6.667	1.45	12.700	5.95	18.73	1.45
0.667	0.88	6.700	1.45	12.733	5.95	18.77	1.45
0.700	0.88	6.733	1.45	12.767	5.95	18.80	1.45
0.733	0.88	6.767	1.45	12.800	5.95	18.83	1.45
0.767	0.88	6.800	1.45	12.833	5.95	18.87	1.45
0.800	0.88	6.833	1.45	12.867	5.95	18.90	1.45
0.833	0.88	6.867	1.45	12.900	5.95	18.93	1.45
0.867	0.88	6.900	1.45	12.933	5.95	18.97	1.45
0.900	0.88	6.933	1.45	12.967	5.95	19.00	1.45
0.933	0.88	6.967	1.45	13.000	5.95	19.03	1.45
0.967	0.88	7.000	1.45	13.033	5.95	19.07	1.45
1.000	0.88	7.033	1.45	13.067	5.95	19.10	1.45
1.033	0.88	7.067	1.45	13.100	5.14	19.13	1.45
1.067	0.88	7.100	1.61	13.133	4.34	19.17	1.45
1.100	0.88	7.133	1.77	13.167	4.34	19.20	1.45
1.133	0.88	7.167	1.77	13.200	4.34	19.23	1.45
1.167	0.88	7.200	1.77	13.233	4.34	19.27	1.45
1.200	0.88	7.233	1.77	13.267	4.34	19.30	1.45
1.233	0.88	7.267	1.77	13.300	4.34	19.33	1.45
1.267	0.88	7.300	1.77	13.333	4.34	19.37	1.45
1.300	0.88	7.333	1.77	13.367	4.34	19.40	1.45
1.333	0.88	7.367	1.77	13.400	4.34	19.43	1.45
1.367	0.88	7.400	1.77	13.433	4.34	19.47	1.45
1.400	0.88	7.433	1.77	13.467	4.34	19.50	1.45
1.433	0.88	7.467	1.77	13.500	4.34	19.53	1.45
1.467	0.88	7.500	1.77	13.533	4.34	19.57	1.45
1.500	0.88	7.533	1.77	13.567	4.34	19.60	1.45
1.533	0.88	7.567	1.77	13.600	3.85	19.63	1.45
1.567	0.88	7.600	1.77	13.633	3.37	19.67	1.45
1.600	0.88	7.633	1.77	13.667	3.37	19.70	1.45
1.633	0.88	7.667	1.77	13.700	3.37	19.73	1.45
1.667	0.88	7.700	1.77	13.733	3.37	19.77	1.45
1.700	0.88	7.733	1.77	13.767	3.37	19.80	1.45
1.733	0.88	7.767	1.77	13.800	3.37	19.83	1.45
1.767	0.88	7.800	1.77	13.833	3.37	19.87	1.45
1.800	0.88	7.833	1.77	13.867	3.37	19.90	1.45
1.833	0.88	7.867	1.77	13.900	3.37	19.93	1.45
1.867	0.88	7.900	1.77	13.933	3.37	19.97	1.45
1.900	0.88	7.933	1.77	13.967	3.37	20.00	1.45
1.933	0.88	7.967	1.77	14.000	3.37	20.03	1.45
1.967	0.88	8.000	1.77	14.033	3.37	20.07	1.45
2.000	0.88	8.033	1.77	14.067	3.37	20.10	1.20
2.033	0.88	8.067	1.77	14.100	2.89	20.13	0.96
2.067	0.88	8.100	1.93	14.133	2.41	20.17	0.96
2.100	0.96	8.133	2.09	14.167	2.41	20.20	0.96
2.133	1.04	8.167	2.09	14.200	2.41	20.23	0.96
2.167	1.04	8.200	2.09	14.233	2.41	20.27	0.96
2.200	1.04	8.233	2.09	14.267	2.41	20.30	0.96
2.233	1.04	8.267	2.09	14.300	2.41	20.33	0.96
2.267	1.04	8.300	2.09	14.333	2.41	20.37	0.96
2.300	1.04	8.333	2.09	14.367	2.41	20.40	0.96
2.333	1.04	8.367	2.09	14.400	2.41	20.43	0.96
2.367	1.04	8.400	2.09	14.433	2.41	20.47	0.96
2.400	1.04	8.433	2.09	14.467	2.41	20.50	0.96
2.433	1.04	8.467	2.09	14.500	2.41	20.53	0.96
2.467	1.04	8.500	2.09	14.533	2.41	20.57	0.96
2.500	1.04	8.533	2.09	14.567	2.41	20.60	0.96
2.533	1.04	8.567	2.09	14.600	2.41	20.63	0.96
2.567	1.04	8.600	2.17	14.633	2.41	20.67	0.96
2.600	1.04	8.633	2.25	14.667	2.41	20.70	0.96
2.633	1.04	8.667	2.25	14.700	2.41	20.73	0.96
2.667	1.04	8.700	2.25	14.733	2.41	20.77	0.96
2.700	1.04	8.733	2.25	14.767	2.41	20.80	0.96
2.733	1.04	8.767	2.25	14.800	2.41	20.83	0.96
2.767	1.04	8.800	2.25	14.833	2.41	20.87	0.96
2.800	1.04	8.833	2.25	14.867	2.41	20.90	0.96
2.833	1.04	8.867	2.25	14.900	2.41	20.93	0.96
2.867	1.04	8.900	2.25	14.933	2.41	20.97	0.96
2.900	1.04	8.933	2.25	14.967	2.41	21.00	0.96
2.933	1.04	8.967	2.25	15.000	2.41	21.03	0.96
2.967	1.04	9.000	2.25	15.033	2.41	21.07	0.96
3.000	1.04	9.033	2.25	15.067	2.41	21.10	0.96
3.033	1.04	9.067	2.25	15.100	2.41	21.13	0.96
3.067	1.04	9.100	2.41	15.133	2.41	21.17	0.96
3.100	1.04	9.133	2.57	15.167	2.41	21.20	0.96
3.133	1.04	9.167	2.57	15.200	2.41	21.23	0.96
3.167	1.04	9.200	2.57	15.233	2.41	21.27	0.96
3.200	1.04	9.233	2.57	15.267	2.41	21.30	0.96
3.233	1.04	9.267	2.57	15.300	2.41	21.33	0.96
3.267	1.04	9.300	2.57	15.333	2.41	21.37	0.96
3.300	1.04	9.333	2.57	15.367	2.41	21.40	0.96
3.333	1.04	9.367	2.57	15.400	2.41	21.43	0.96
3.367	1.04	9.400	2.57	15.433	2.41	21.47	0.96
3.400	1.04	9.433	2.57	15.467	2.41	21.50	0.96
3.433	1.04	9.467	2.57	15.500	2.41	21.53	0.96
3.467	1.04	9.500	2.57	15.533	2.41	21.57	0.96
3.500	1.04	9.533	2.57	15.567	2.41	21.60	0.96
3.533	1.04	9.567	2.57	15.600	2.41	21.63	0.96
3.567	1.04	9.600	2.73	15.633	2.41	21.67	0.96
3.600	1.04	9.633	2.89	15.667	2.41	21.70	0.96
3.633	1.04	9.667	2.89	15.700	2.41	21.73	0.96
3.667	1.04	9.700	2.89	15.733	2.41	21.77	0.96
3.700	1.04	9.733	2.89	15.767	2.41	21.80	0.96
3.733	1.04	9.767	2.89	15.800	2.41	21.83	0.96
3.767	1.04	9.800	2.89	15.833	2.41	21.87	0.96
3.800	1.04	9.833	2.89	15.867	2.41	21.90	0.96
3.833	1.04	9.867	2.89	15.900	2.41	21.93	0.96
3.867	1.04	9.900	2.89	15.933	2.41	21.97	0.96
3.900	1.04	9.933	2.89	15.967	2.41	22.00	0.96
3.933	1.04	9.967	2.89	16.000	2.41	22.03	0.96
3.967	1.04	10.000	2.89	16.033	2.41	22.07	0.96
4.000	1.04	10.033	2.89	16.067	2.41	22.10	0.96
4.033	1.04	10.067	2.89	16.100	1.93	22.13	0.96
4.067	1.04	10.100	3.29	16.133	1.45	22.17	0.96
4.100	1.17	10.133	3.70	16.167	1.45	22.20	0.96
4.133	1.29	10.167	3.70	16.200	1.45	22.23	0.96
4.167	1.29	10.200	3.70	16.233	1.45	22.27	0.96
4.200	1.29	10.233	3.70	16.267	1.45	22.30	0.96
4.233	1.29	10.267	3.70	16.300	1.45	22.33	0.96
4.267	1.29	10.300	3.70	16.333	1.45	22.37	0.96
4.300	1.29	10.333	3.70	16.367	1.45	22.40	0.96
4.333	1.29	10.367	3.70	16.400	1.45	22.43	0.96
4.367	1.29	10.400	3.70	16.433	1.45	22.47	0.96
4.400	1.29	10.433	3.70	16.467	1.45	22.50	0.96
4.433	1.29	10.467	3.70	16.500	1.45	22.53	0.96
4.467	1.29	10.500	3.70	16.533	1.45	22.57	0.96
4.500	1.29	10.533	3.70	16.567	1.45	22.60	0.96
4.533	1.29	10.567	3.70	16.600	1.45	22.63	0.96
4.567	1.29	10.600	4.34	16.633	1.45	22.67	0.96
4.600	1.29	10.633	4.98	16.667	1.45	22.70	0.96
4.633	1.29	10.667	4.98	16.700	1.45	22.73	0.96
4.667	1.29	10.700	4.98	16.733	1.45	22.77	0.96
4.700	1.29	10.733	4.98	16.767	1.45	22.80	0.96
4.733	1.29	10.767	4.98	16.800	1.45	22.83	0.96
4.767	1.29	10.800	4.98	16.833	1.45	22.87	0.96
4.800	1.29	10.833	4.98	16.867	1.45	22.90	0.96
4.833	1.29	10.867	4.98	16.900	1.45	22.93	0.96
4.867	1.29	10.900	4.98	16.933	1.45	22.97	0.96
4.900	1.29	10.933	4.98	16.967	1.45	23.00	0.96
4.933	1.29	10.967	4.98	17.000	1.45	23.03	0.96
4.967	1.29	11.000	4.98	17.033	1.45	23.07	0.96
5.000	1.29	11.033	4.98	17.067	1.45	23.10	0.96
5.033	1.29	11.067	4.98	17.100	1.45	23.13	0.96
5.067	1.29	11.100	6.35	17.133	1.45	23.17	0.96
5.100	1.29	11.133	7.71	17.167	1.45	23.20	0.96
5.133	1.29	11.167	7.71	17.200	1.45	23.23	0.96
5.167	1.29	11.200	7.71	17.233	1.45	23.27	0.96
5.200	1.29	11.233	7.71	17.267	1.45	23.30	0.96
5.233	1.29	11.267	7.71	17.300	1.45	23.33	0.96
5.267	1.29	11.300	7.71	17.333	1.45	23.37	0.96
5.300	1.29	11.333	7.71	17.367	1.45	23.40	0.96
5.333	1.29	11.367	7.71	17.400	1.45	23.43	0.96
5.367	1.29	11.400	7.71	17.433	1.45	23.47	0.96
5.400	1.29	11.433	7.71	17.467	1.45	23.50	0.96
5.433	1.29	11.467	7.71	17.500	1.45	23.53	0.96
5.467	1.29	11.500	7.71	17.533	1.45	23.57	0.96
5.500	1.29	11.533	7.71	17.567	1.45	23.60	0.96
5.533	1.29	11.567	7.71	17.600	1.45	23.63	0.96
5.567	1.29	11.600	15.77	17.633	1.45	23.67	0.96
5.600	1.29	11.633	23.78	17.667	1.45	23.70	0.96
5.633	1.29	11.667	23.78	17.700	1.45	23.73	0.96
5.667	1.29	11.700	23.78	17.733	1.45	23.77	0.96
5.700	1.29	11.733	23.78	17.767	1.45	23.80	0.96
5.733	1.29	11.767	23.78	17.800	1.45	23.83	0.96
5.767	1.29	11.800	23.78	17.833	1.45	23.87	0.96
5.800	1.29	11.833	23.88	17.867	1.45	23.90	0.96
5.833	1.29	11.867	98.35	17.900	1.45	23.93	0.96
5.867	1.29	11.900	98.35	17.933	1.45	23.97	0.96
5.900	1.29	11.933	98.35	17.967	1.45	24.00	0.96
5.933	1.29	11.967	98.35	18.000	1.45	24.03	0.96
5.967	1.29	12.000	98.35	18.033	1.45	24.07	0.96
6.000	1.29	12.033	98.35	18.067	1.45	24.10	0.48
6.033	1.29	12.067	98.35	18.100	1.45		

Unit Hyd Qpeak (cms)= 0.296

PEAK FLOW (cms)= 0.151 (i)
TIME TO PEAK (hrs)= 12.167
RUNOFF VOLUME (mm)= 38.383
TOTAL RAINFALL (mm)= 80.350
RUNOFF COEFFICIENT = 0.478

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0101)	Area	(ha)=	3.15	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)=	3.00
	U.H. Tp(hrs)=		0.23		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.29	12.100	54.84	18.13	1.45
0.067	0.00	6.100	1.37	12.133	11.57	18.17	1.45
0.100	0.44	6.133	1.45	12.167	11.57	18.20	1.45
0.133	0.88	6.167	1.45	12.200	11.57	18.23	1.45
0.167	0.88	6.200	1.45	12.233	11.57	18.27	1.45
0.200	0.88	6.233	1.45	12.267	11.57	18.30	1.45
0.233	0.88	6.267	1.45	12.300	11.57	18.33	1.45
0.267	0.88	6.300	1.45	12.333	11.57	18.37	1.45
0.300	0.88	6.333	1.45	12.367	11.57	18.40	1.45
0.333	0.88	6.367	1.45	12.400	11.57	18.43	1.45
0.367	0.88	6.400	1.45	12.433	11.57	18.47	1.45
0.400	0.88	6.433	1.45	12.467	11.57	18.50	1.45
0.433	0.88	6.467	1.45	12.500	11.57	18.53	1.45
0.467	0.88	6.500	1.45	12.533	11.57	18.57	1.45
0.500	0.88	6.533	1.45	12.567	11.57	18.60	1.45
0.533	0.88	6.567	1.45	12.600	8.75	18.63	1.45
0.567	0.88	6.600	1.45	12.633	5.95	18.67	1.45
0.600	0.88	6.633	1.45	12.667	5.95	18.70	1.45
0.633	0.88	6.667	1.45	12.700	5.95	18.73	1.45
0.667	0.88	6.700	1.45	12.733	5.95	18.77	1.45
0.700	0.88	6.733	1.45	12.767	5.95	18.80	1.45
0.733	0.88	6.767	1.45	12.800	5.95	18.83	1.45
0.767	0.88	6.800	1.45	12.833	5.95	18.87	1.45
0.800	0.88	6.833	1.45	12.867	5.95	18.90	1.45
0.833	0.88	6.867	1.45	12.900	5.95	18.93	1.45
0.867	0.88	6.900	1.45	12.933	5.95	18.97	1.45
0.900	0.88	6.933	1.45	12.967	5.95	19.00	1.45
0.933	0.88	6.967	1.45	13.000	5.95	19.03	1.45
0.967	0.88	7.000	1.45	13.033	5.95	19.07	1.45
1.000	0.88	7.033	1.45	13.067	5.95	19.10	1.45
1.033	0.88	7.067	1.45	13.100	5.14	19.13	1.45
1.067	0.88	7.100	1.61	13.133	4.34	19.17	1.45
1.100	0.88	7.133	1.77	13.167	4.34	19.20	1.45
1.133	0.88	7.167	1.77	13.200	4.34	19.23	1.45
1.167	0.88	7.200	1.77	13.233	4.34	19.27	1.45
1.200	0.88	7.233	1.77	13.267	4.34	19.30	1.45
1.233	0.88	7.267	1.77	13.300	4.34	19.33	1.45
1.267	0.88	7.300	1.77	13.333	4.34	19.37	1.45
1.300	0.88	7.333	1.77	13.367	4.34	19.40	1.45
1.333	0.88	7.367	1.77	13.400	4.34	19.43	1.45
1.367	0.88	7.400	1.77	13.433	4.34	19.47	1.45
1.400	0.88	7.433	1.77	13.467	4.34	19.50	1.45
1.433	0.88	7.467	1.77	13.500	4.34	19.53	1.45
1.467	0.88	7.500	1.77	13.533	4.34	19.57	1.45
1.500	0.88	7.533	1.77	13.567	4.34	19.60	1.45
1.533	0.88	7.567	1.77	13.600	3.85	19.63	1.45
1.567	0.88	7.600	1.77	13.633	3.37	19.67	1.45
1.600	0.88	7.633	1.77	13.667	3.37	19.70	1.45
1.633	0.88	7.667	1.77	13.700	3.37	19.73	1.45
1.667	0.88	7.700	1.77	13.733	3.37	19.77	1.45
1.700	0.88	7.733	1.77	13.767	3.37	19.80	1.45
1.733	0.88	7.767	1.77	13.800	3.37	19.83	1.45
1.767	0.88	7.800	1.77	13.833	3.37	19.87	1.45
1.800	0.88	7.833	1.77	13.867	3.37	19.90	1.45
1.833	0.88	7.867	1.77	13.900	3.37	19.93	1.45
1.867	0.88	7.900	1.77	13.933	3.37	19.97	1.45
1.900	0.88	7.933	1.77	13.967	3.37	20.00	1.45
1.933	0.88	7.967	1.77	14.000	3.37	20.03	1.45
1.967	0.88	8.000	1.77	14.033	3.37	20.07	1.45
2.000	0.88	8.033	1.77	14.067	3.37	20.10	1.20
2.033	0.88	8.067	1.77	14.100	2.89	20.13	0.96
2.067	0.88	8.100	1.93	14.133	2.41	20.17	0.96
2.100	0.96	8.133	2.09	14.167	2.41	20.20	0.96
2.133	1.04	8.167	2.09	14.200	2.41	20.23	0.96
2.167	1.04	8.200	2.09	14.233	2.41	20.27	0.96

10-yr 24hr SCS Type II

2.200	1.04	8.233	2.09	14.267	2.41	20.30	0.96
2.233	1.04	8.267	2.09	14.300	2.41	20.33	0.96
2.267	1.04	8.300	2.09	14.333	2.41	20.37	0.96
2.300	1.04	8.333	2.09	14.367	2.41	20.40	0.96
2.333	1.04	8.367	2.09	14.400	2.41	20.43	0.96
2.367	1.04	8.400	2.09	14.433	2.41	20.47	0.96
2.400	1.04	8.433	2.09	14.467	2.41	20.50	0.96
2.433	1.04	8.467	2.09	14.500	2.41	20.53	0.96
2.467	1.04	8.500	2.09	14.533	2.41	20.57	0.96
2.500	1.04	8.533	2.09	14.567	2.41	20.60	0.96
2.533	1.04	8.567	2.09	14.600	2.41	20.63	0.96
2.567	1.04	8.600	2.17	14.633	2.41	20.67	0.96
2.600	1.04	8.633	2.25	14.667	2.41	20.70	0.96
2.633	1.04	8.667	2.25	14.700	2.41	20.73	0.96
2.667	1.04	8.700	2.25	14.733	2.41	20.77	0.96
2.700	1.04	8.733	2.25	14.767	2.41	20.80	0.96
2.733	1.04	8.767	2.25	14.800	2.41	20.83	0.96
2.767	1.04	8.800	2.25	14.833	2.41	20.87	0.96
2.800	1.04	8.833	2.25	14.867	2.41	20.90	0.96
2.833	1.04	8.867	2.25	14.900	2.41	20.93	0.96
2.867	1.04	8.900	2.25	14.933	2.41	20.97	0.96
2.900	1.04	8.933	2.25	14.967	2.41	21.00	0.96
2.933	1.04	8.967	2.25	15.000	2.41	21.03	0.96
2.967	1.04	9.000	2.25	15.033	2.41	21.07	0.96
3.000	1.04	9.033	2.25	15.067	2.41	21.10	0.96
3.033	1.04	9.067	2.25	15.100	2.41	21.13	0.96
3.067	1.04	9.100	2.41	15.133	2.41	21.17	0.96
3.100	1.04	9.133	2.57	15.167	2.41	21.20	0.96
3.133	1.04	9.167	2.57	15.200	2.41	21.23	0.96
3.167	1.04	9.200	2.57	15.233	2.41	21.27	0.96
3.200	1.04	9.233	2.57	15.267	2.41	21.30	0.96
3.233	1.04	9.267	2.57	15.300	2.41	21.33	0.96
3.267	1.04	9.300	2.57	15.333	2.41	21.37	0.96
3.300	1.04	9.333	2.57	15.367	2.41	21.40	0.96
3.333	1.04	9.367	2.57	15.400	2.41	21.43	0.96
3.367	1.04	9.400	2.57	15.433	2.41	21.47	0.96
3.400	1.04	9.433	2.57	15.467	2.41	21.50	0.96
3.433	1.04	9.467	2.57	15.500	2.41	21.53	0.96
3.467	1.04	9.500	2.57	15.533	2.41	21.57	0.96
3.500	1.04	9.533	2.57	15.567	2.41	21.60	0.96
3.533	1.04	9.567	2.57	15.600	2.41	21.63	0.96
3.567	1.04	9.600	2.73	15.633	2.41	21.67	0.96
3.600	1.04	9.633	2.89	15.667	2.41	21.70	0.96
3.633	1.04	9.667	2.89	15.700	2.41	21.73	0.96
3.667	1.04	9.700	2.89	15.733	2.41	21.77	0.96
3.700	1.04	9.733	2.89	15.767	2.41	21.80	0.96
3.733	1.04	9.767	2.89	15.800	2.41	21.83	0.96
3.767	1.04	9.800	2.89	15.833	2.41	21.87	0.96
3.800	1.04	9.833	2.89	15.867	2.41	21.90	0.96
3.833	1.04	9.867	2.89	15.900	2.41	21.93	0.96
3.867	1.04	9.900	2.89	15.933	2.41	21.97	0.96
3.900	1.04	9.933	2.89	15.967	2.41	22.00	0.96
3.933	1.04	9.967	2.89	16.000	2.41	22.03	0.96
3.967	1.04	10.000	2.89	16.033	2.41	22.07	0.96
4.000	1.04	10.033	2.89	16.067	2.41	22.10	0.96
4.033	1.04	10.067	2.89	16.100	1.93	22.13	0.96
4.067	1.04	10.100	3.29	16.133	1.45	22.17	0.96
4.100	1.17	10.133	3.70	16.167	1.45	22.20	0.96
4.133	1.29	10.167	3.70	16.200	1.45	22.23	0.96
4.167	1.29	10.200	3.70	16.233	1.45	22.27	0.96
4.200	1.29	10.233	3.70	16.267	1.45	22.30	0.96
4.233	1.29	10.267	3.70	16.300	1.45	22.33	0.96
4.267	1.29	10.300	3.70	16.333	1.45	22.37	0.96
4.300	1.29	10.333	3.70	16.367	1.45	22.40	0.96
4.333	1.29	10.367	3.70	16.400	1.45	22.43	0.96
4.367	1.29	10.400	3.70	16.433	1.45	22.47	0.96
4.400	1.29	10.433	3.70	16.467	1.45	22.50	0.96
4.433	1.29	10.467	3.70	16.500	1.45	22.53	0.96
4.467	1.29	10.500	3.70	16.533	1.45	22.57	0.96
4.500	1.29	10.533	3.70	16.567	1.45	22.60	0.96
4.533	1.29	10.567	3.70	16.600	1.45	22.63	0.96
4.567	1.29	10.600	4.34	16.633	1.45	22.67	0.96
4.600	1.29	10.633	4.98	16.667	1.45	22.70	0.96
4.633	1.29	10.667	4.98	16.700	1.45	22.73	0.96
4.667	1.29	10.700	4.98	16.733	1.45	22.77	0.96
4.700	1.29	10.733	4.98	16.767	1.45	22.80	0.96
4.733	1.29	10.767	4.98	16.800	1.45	22.83	0.96
4.767	1.29	10.800	4.98	16.833	1.45	22.87	0.96
4.800	1.29	10.833	4.98	16.867	1.45	22.90	0.96
4.833	1.29	10.867	4.98	16.900	1.45	22.93	0.96
4.867	1.29	10.900	4.98	16.933	1.45	22.97	0.96
4.900	1.29	10.933	4.98	16.967	1.45	23.00	0.96
4.933	1.29	10.967	4.98	17.000	1.45	23.03	0.96
4.967	1.29	11.000	4.98	17.033	1.45	23.07	0.96
5.000	1.29	11.033	4.98	17.067	1.45	23.10	0.96
5.033	1.29	11.067	4.98	17.100	1.45	23.13	0.96
5.067	1.29	11.100	6.35	17.133	1.45	23.17	0.96
5.100	1.29	11.133	7.71	17.167	1.45	23.20	0.96
5.133	1.29	11.167	7.71	17.200	1.45	23.23	0.96
5.167	1.29	11.200	7.71	17.233	1.45	23.27	0.96
5.200	1.29	11.233	7.71	17.267	1.45	23.30	0.96
5.233	1.29	11.267	7.71	17.300	1.45	23.33	0.96
5.267	1.29	11.300	7.71	17.333	1.45	23.37	0.96
5.300	1.29	11.333	7.71	17.367	1.45	23.40	0.96
5.333	1.29	11.367	7.71	17.400	1.45	23.43	0.96
5.367	1.29	11.400	7.71	17.433	1.45	23.47	0.96
5.400	1.29	11.433	7.71	17.467	1.45	23.50	0.96
5.433	1.29	11.467	7.71	17.500	1.45	23.53	0.96
5.467	1.29	11.500	7.71	17.533	1.45	23.57	0.96
5.500	1.29	11.533	7.71	17.567	1.45	23.60	0.96
5.533	1.29	11.567	7.71	17.600	1.45	23.63	0.96
5.567	1.29	11.600	15.77	17.633	1.45	23.67	0.96
5.600	1.29	11.633	23.78	17.667	1.45	23.70	0.96
5.633	1.29	11.667	23.78	17.700	1.45	23.73	0.96
5.667	1.29	11.700	23.78	17.733	1.45	23.77	0.96
5.700	1.29	11.733	23.78	17.767	1.45	23.80	0.96
5.733	1.29	11.767	23.78	17.800	1.45	23.83	0.96
5.767	1.29	11.800	23.78	17.833	1.45	23.87	0.96
5.800	1.29	11.833	23.88	17.867	1.45	23.90	0.96
5.833	1.29	11.867	98.35	17.900	1.45	23.93	0.96
5.867	1.29	11.900	98.35	17.933	1.45	23.97	0.96
5.900	1.29	11.933	98.35	17.967	1.45	24.00	0.96
5.933	1.29	11.967	98.35	18.000	1.45	24.03	0.96
5.967	1.29	12.000	98.35	18.033	1.45	24.07	0.96
6.000	1.29	12.033	98.35	18.067	1.45	24.10	0.48
6.033	1.29	12.067	98.35	18.100	1.45		

Unit Hyd Qpeak (cms)= 0.523

PEAK FLOW (cms)= 0.287 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 38.384
TOTAL RAINFALL (mm)= 80.350
RUNOFF COEFFICIENT = 0.478

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0009)		AREA	QPEAK	TPEAK	R.V.
1 + 2 = 3		(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0101):		3.15	0.287	12.20	38.38
+ ID2= 2 (0103):		1.47	0.151	12.17	38.38
ID = 3 (0009):		4.62	0.435	12.20	38.38

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

25-yr 24hr SCS Type II

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      V    V   I    SSSSS  U   U    A    L                (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
       V  V    I      SS   U   U  A   A  L
        VV     I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M M M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                    *****  D E T A I L E D    O U T P U T  *****

  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\eelfe3a4-48f5-416c-bec2-
dedeb8d38cf6\a958a378-9573-4efb-ab0e-dc65be3a2d59\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\eelfe3a4-48f5-416c-bec2-
dedeb8d38cf6\a958a378-9573-4efb-ab0e-dc65be3a2d59\scen

DATE: 11/01/2023                          TIME: 03:23:15

USER:


COMMENTS: _____

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  ***********************************************
  ** SIMULATION : 025yr 24hr 5min SCS Type II ( **
  ***********************************************


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|    READ STORM    |    Filename: C:\Users\SAhonen\AppD
|                  |              ata\Local\Temp\
|                  |              6d5b05fb-1890-4746-b627-d3f77a0d2847\d81b8db0
| Ptotal= 93.82 mm |    Comments: 25yr 24hr 5min SCS Type II (MTO)
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TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.00	0.00	6.08	1.69	12.17	13.51	18.25	1.69
0.08	1.03	6.17	1.69	12.25	13.51	18.33	1.69
0.17	1.03	6.25	1.69	12.33	13.51	18.42	1.69
0.25	1.03	6.33	1.69	12.42	13.51	18.50	1.69
0.33	1.03	6.42	1.69	12.50	13.51	18.58	1.69
0.42	1.03	6.50	1.69	12.58	6.94	18.67	1.69
0.50	1.03	6.58	1.69	12.67	6.94	18.75	1.69
0.58	1.03	6.67	1.69	12.75	6.94	18.83	1.69
0.67	1.03	6.75	1.69	12.83	6.94	18.92	1.69
0.75	1.03	6.83	1.69	12.92	6.94	19.00	1.69
0.83	1.03	6.92	1.69	13.00	6.94	19.08	1.69
0.92	1.03	7.00	1.69	13.08	5.07	19.17	1.69
1.00	1.03	7.08	2.06	13.17	5.07	19.25	1.69
1.08	1.03	7.17	2.06	13.25	5.07	19.33	1.69
1.17	1.03	7.25	2.06	13.33	5.07	19.42	1.69
1.25	1.03	7.33	2.06	13.42	5.07	19.50	1.69
1.33	1.03	7.42	2.06	13.50	5.07	19.58	1.69
1.42	1.03	7.50	2.06	13.58	3.94	19.67	1.69
1.50	1.03	7.58	2.06	13.67	3.94	19.75	1.69
1.58	1.03	7.67	2.06	13.75	3.94	19.83	1.69
1.67	1.03	7.75	2.06	13.83	3.94	19.92	1.69
1.75	1.03	7.83	2.06	13.92	3.94	20.00	1.69
1.83	1.03	7.92	2.06	14.00	3.94	20.08	1.13
1.92	1.03	8.00	2.06	14.08	2.81	20.17	1.13
2.00	1.03	8.08	2.44	14.17	2.81	20.25	1.13
2.08	1.22	8.17	2.44	14.25	2.81	20.33	1.13
2.17	1.22	8.25	2.44	14.33	2.81	20.42	1.13
2.25	1.22	8.33	2.44	14.42	2.81	20.50	1.13
2.33	1.22	8.42	2.44	14.50	2.81	20.58	1.13
2.42	1.22	8.50	2.44	14.58	2.81	20.67	1.13
2.50	1.22	8.58	2.63	14.67	2.81	20.75	1.13
2.58	1.22	8.67	2.63	14.75	2.81	20.83	1.13
2.67	1.22	8.75	2.63	14.83	2.81	20.92	1.13
2.75	1.22	8.83	2.63	14.92	2.81	21.00	1.13
2.83	1.22	8.92	2.63	15.00	2.81	21.08	1.13
2.92	1.22	9.00	2.63	15.08	2.81	21.17	1.13
3.00	1.22	9.08	3.00	15.17	2.81	21.25	1.13
3.08	1.22	9.17	3.00	15.25	2.81	21.33	1.13
3.17	1.22	9.25	3.00	15.33	2.81	21.42	1.13
3.25	1.22	9.33	3.00	15.42	2.81	21.50	1.13
3.33	1.22	9.42	3.00	15.50	2.81	21.58	1.13
3.42	1.22	9.50	3.00	15.58	2.81	21.67	1.13
3.50	1.22	9.58	3.38	15.67	2.81	21.75	1.13
3.58	1.22	9.67	3.38	15.75	2.81	21.83	1.13
3.67	1.22	9.75	3.38	15.83	2.81	21.92	1.13
3.75	1.22	9.83	3.38	15.92	2.81	22.00	1.13
3.83	1.22	9.92	3.38	16.00	2.81	22.08	1.13
3.92	1.22	10.00	3.38	16.08	1.69	22.17	1.13
4.00	1.22	10.08	4.32	16.17	1.69	22.25	1.13
4.08	1.50	10.17	4.32	16.25	1.69	22.33	1.13
4.17	1.50	10.25	4.32	16.33	1.69	22.42	1.13
4.25	1.50	10.33	4.32	16.42	1.69	22.50	1.13
4.33	1.50	10.42	4.32	16.50	1.69	22.58	1.13
4.42	1.50	10.50	4.32	16.58	1.69	22.67	1.13
4.50	1.50	10.58	5.82	16.67	1.69	22.75	1.13
4.58	1.50	10.67	5.82	16.75	1.69	22.83	1.13
4.67	1.50	10.75	5.82	16.83	1.69	22.92	1.13
4.75	1.50	10.83	5.82	16.92	1.69	23.00	1.13
4.83	1.50	10.92	5.82	17.00	1.69	23.08	1.13
4.92	1.50	11.00	5.82	17.08	1.69	23.17	1.13
5.00	1.50	11.08	9.01	17.17	1.69	23.25	1.13
5.08	1.50	11.17	9.01	17.25	1.69	23.33	1.13
5.17	1.50	11.25	9.01	17.33	1.69	23.42	1.13
5.25	1.50	11.33	9.01	17.42	1.69	23.50	1.13
5.33	1.50	11.42	9.01	17.50	1.69	23.58	1.13
5.42	1.50	11.50	9.01	17.58	1.69	23.67	1.13
5.50	1.50	11.58	27.77	17.67	1.69	23.75	1.13
5.58	1.50	11.67	27.77	17.75	1.69	23.83	1.13
5.67	1.50	11.75	27.77	17.83	1.69	23.92	1.13
5.75	1.50	11.83	114.84	17.92	1.69	24.00	1.13
5.83	1.50	11.92	114.84	18.00	1.69		
5.92	1.50	12.00	114.84	18.08	1.69		
6.00	1.50	12.08	13.51	18.17	1.69		

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| CALIB            |
| NASHYD   (  0102)|   Area     (ha)=  14.73   Curve Number   (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
--------------------   U.H. Tp(hrs)=   0.33

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.
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---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.50	12.100	64.03	18.13	1.69
0.067	0.00	6.100	1.59	12.133	13.51	18.17	1.69
0.100	0.52	6.133	1.69	12.167	13.51	18.20	1.69
0.133	1.03	6.167	1.69	12.200	13.51	18.23	1.69
0.167	1.03	6.200	1.69	12.233	13.51	18.27	1.69
0.200	1.03	6.233	1.69	12.267	13.51	18.30	1.69
0.233	1.03	6.267	1.69	12.300	13.51	18.33	1.69
0.267	1.03	6.300	1.69	12.333	13.51	18.37	1.69
0.300	1.03	6.333	1.69	12.367	13.51	18.40	1.69
0.333	1.03	6.367	1.69	12.400	13.51	18.43	1.69
0.367	1.03	6.400	1.69	12.433	13.51	18.47	1.69
0.400	1.03	6.433	1.69	12.467	13.51	18.50	1.69
0.433	1.03	6.467	1.69	12.500	13.51	18.53	1.69
0.467	1.03	6.500	1.69	12.533	13.51	18.57	1.69
0.500	1.03	6.533	1.69	12.567	13.51	18.60	1.69
0.533	1.03	6.567	1.69	12.600	10.22	18.63	1.69
0.567	1.03	6.600	1.69	12.633	6.94	18.67	1.69
0.600	1.03	6.633	1.69	12.667	6.94	18.70	1.69
0.633	1.03	6.667	1.69	12.700	6.94	18.73	1.69
0.667	1.03	6.700	1.69	12.733	6.94	18.77	1.69
0.700	1.03	6.733	1.69	12.767	6.94	18.80	1.69
0.733	1.03	6.767	1.69	12.800	6.94	18.83	1.69
0.767	1.03	6.800	1.69	12.833	6.94	18.87	1.69
0.800	1.03	6.833	1.69	12.867	6.94	18.90	1.69
0.833	1.03	6.867	1.69	12.900	6.94	18.93	1.69
0.867	1.03	6.900	1.69	12.933	6.94	18.97	1.69
0.900	1.03	6.933	1.69	12.967	6.94	19.00	1.69
0.933	1.03	6.967	1.69	13.000	6.94	19.03	1.69
0.967	1.03	7.000	1.69	13.033	6.94	19.07	1.69
1.000	1.03	7.033	1.69	13.067	6.94	19.10	1.69
1.033	1.03	7.067	1.69	13.100	6.00	19.13	1.69
1.067	1.03	7.100	1.88	13.133	5.07	19.17	1.69
1.100	1.03	7.133	2.06	13.167	5.07	19.20	1.69
1.133	1.03	7.167	2.06	13.200	5.07	19.23	1.69
1.167	1.03	7.200	2.06	13.233	5.07	19.27	1.69
1.200	1.03	7.233	2.06	13.267	5.07	19.30	1.69
1.233	1.03	7.267	2.06	13.300	5.07	19.33	1.69
1.267	1.03	7.300	2.06	13.333	5.07	19.37	1.69
1.300	1.03	7.333	2.06	13.367	5.07	19.40	1.69
1.333	1.03	7.367	2.06	13.400	5.07	19.43	1.69
1.367	1.03	7.400	2.06	13.433	5.07	19.47	1.69
1.400	1.03	7.433	2.06	13.467	5.07	19.50	1.69
1.433	1.03	7.467	2.06	13.500	5.07	19.53	1.69
1.467	1.03	7.500	2.06	13.533	5.07	19.57	1.69
1.500	1.03	7.533	2.06	13.567	5.07	19.60	1.69
1.533	1.03	7.567	2.06	13.600	4.50	19.63	1.69
1.567	1.03	7.600	2.06	13.633	3.94	19.67	1.69
1.600	1.03	7.633	2.06	13.667	3.94	19.70	1.69
1.633	1.03	7.667	2.06	13.700	3.94	19.73	1.69
1.667	1.03	7.700	2.06	13.733	3.94	19.77	1.69
1.700	1.03	7.733	2.06	13.767	3.94	19.80	1.69
1.733	1.03	7.767	2.06	13.800	3.94	19.83	1.69
1.767	1.03	7.800	2.06	13.833	3.94	19.87	1.69
1.800	1.03	7.833	2.06	13.867	3.94	19.90	1.69
1.833	1.03	7.867	2.06	13.900	3.94	19.93	1.69
1.867	1.03	7.900	2.06	13.933	3.94	19.97	1.69
1.900	1.03	7.933	2.06	13.967	3.94	20.00	1.69
1.933	1.03	7.967	2.06	14.000	3.94	20.03	1.69
1.967	1.03	8.000	2.06	14.033	3.94	20.07	1.69
2.000	1.03	8.033	2.06	14.067	3.94	20.10	1.41
2.033	1.03	8.067	2.06	14.100	3.38	20.13	1.13
2.067	1.03	8.100	2.25	14.133	2.81	20.17	1.13
2.100	1.13	8.133	2.44	14.167	2.81	20.20	1.13
2.133	1.22	8.167	2.44	14.200	2.81	20.23	1.13
2.167	1.22	8.200	2.44	14.233	2.81	20.27	1.13
2.200	1.22	8.233	2.44	14.267	2.81	20.30	1.13
2.233	1.22	8.267	2.44	14.300	2.81	20.33	1.13
2.267	1.22	8.300	2.44	14.333	2.81	20.37	1.13
2.300	1.22	8.333	2.44	14.367	2.81	20.40	1.13
2.333	1.22	8.367	2.44	14.400	2.81	20.43	1.13
2.367	1.22	8.400	2.44	14.433	2.81	20.47	1.13
2.400	1.22	8.433	2.44	14.467	2.81	20.50	1.13
2.433	1.22	8.467	2.44	14.500	2.81	20.53	1.13
2.467	1.22	8.500	2.44	14.533	2.81	20.57	1.13
2.500	1.22	8.533	2.44	14.567	2.81	20.60	1.13
2.533	1.22	8.567	2.44	14.600	2.81	20.63	1.13
2.567	1.22	8.600	2.53	14.633	2.81	20.67	1.13
2.600	1.22	8.633	2.63	14.667	2.81	20.70	1.13
2.633	1.22	8.667	2.63	14.700	2.81	20.73	1.13
2.667	1.22	8.700	2.63	14.733	2.81	20.77	1.13
2.700	1.22	8.733	2.63	14.767	2.81	20.80	1.13
2.733	1.22	8.767	2.63	14.800	2.81	20.83	1.13
2.767	1.22	8.800	2.63	14.833	2.81	20.87	1.13
2.800	1.22	8.833	2.63	14.867	2.81	20.90	1.13
2.833	1.22	8.867	2.63	14.900	2.81	20.93	1.13
2.867	1.22	8.900	2.63	14.933	2.81	20.97	1.13
2.900	1.22	8.933	2.63	14.967	2.81	21.00	1.13
2.933	1.22	8.967	2.63	15.000	2.81	21.03	1.13
2.967	1.22	9.000	2.63	15.033	2.81	21.07	1.13
3.000	1.22	9.033	2.63	15.067	2.81	21.10	1.13
3.033	1.22	9.067	2.63	15.100	2.81	21.13	1.13
3.067	1.22	9.100	2.81	15.133	2.81	21.17	1.13
3.100	1.22	9.133	3.00	15.167	2.81	21.20	1.13
3.133	1.22	9.167	3.00	15.200	2.81	21.23	1.13
3.167	1.22	9.200	3.00	15.233	2.81	21.27	1.13
3.200	1.22	9.233	3.00	15.267	2.81	21.30	1.13
3.233	1.22	9.267	3.00	15.300	2.81	21.33	1.13
3.267	1.22	9.300	3.00	15.333	2.81	21.37	1.13
3.300	1.22	9.333	3.00	15.367	2.81	21.40	1.13
3.333	1.22	9.367	3.00	15.400	2.81	21.43	1.13
3.367	1.22	9.400	3.00	15.433	2.81	21.47	1.13
3.400	1.22	9.433	3.00	15.467	2.81	21.50	1.13
3.433	1.22	9.467	3.00	15.500	2.81	21.53	1.13
3.467	1.22	9.500	3.00	15.533	2.81	21.57	1.13
3.500	1.22	9.533	3.00	15.567	2.81	21.60	1.13
3.533	1.22	9.567	3.00	15.600	2.81	21.63	1.13
3.567	1.22	9.600	3.19	15.633	2.81	21.67	1.13
3.600	1.22	9.633	3.38	15.667	2.81	21.70	1.13
3.633	1.22	9.667	3.38	15.700	2.81	21.73	1.13
3.667	1.22	9.700	3.38	15.733	2.81	21.77	1.13
3.700	1.22	9.733	3.38	15.767	2.81	21.80	1.13
3.733	1.22	9.767	3.38	15.800	2.81	21.83	1.13
3.767	1.22	9.800	3.38	15.833	2.81	21.87	1.13
3.800	1.22	9.833	3.38	15.867	2.81	21.90	1.13
3.833	1.22	9.867	3.38	15.900	2.81	21.93	1.13
3.867	1.22	9.900	3.38	15.933	2.81	21.97	1.13
3.900	1.22	9.933	3.38	15.967	2.81	22.00	1.13
3.933	1.22	9.967	3.38	16.000	2.81	22.03	1.13
3.967	1.22	10.000	3.38	16.033	2.81	22.07	1.13
4.000	1.22	10.033	3.38	16.067	2.81	22.10	1.13
4.033	1.22	10.067	3.38	16.100	2.25	22.13	1.13
4.067	1.22	10.100	3.85	16.133	1.69	22.17	1.13
4.100	1.36	10.133	4.32	16.167	1.69	22.20	1.13
4.133	1.50	10.167	4.32	16.200	1.69	22.23	1.13
4.167	1.50	10.200	4.32	16.233	1.69	22.27	1.13
4.200	1.50	10.233	4.32	16.267	1.69	22.30	1.13
4.233	1.50	10.267	4.32	16.300	1.69	22.33	1.13
4.267	1.50	10.300	4.32	16.333	1.69	22.37	1.13
4.300	1.50	10.333	4.32	16.367	1.69	22.40	1.13
4.333	1.50	10.367	4.32	16.400	1.69	22.43	1.13
4.367	1.50	10.400	4.32	16.433	1.69	22.47	1.13
4.400	1.50	10.433	4.32	16.467	1.69	22.50	1.13
4.433	1.50	10.467	4.32	16.500	1.69	22.53	1.13
4.467	1.50	10.500	4.32	16.533	1.69	22.57	1.13
4.500	1.50	10.533	4.32	16.567	1.69	22.60	1.13
4.533	1.50	10.567	4.32	16.600	1.69	22.63	1.13
4.567	1.50	10.600	5.07	16.633	1.69	22.67	1.13
4.600	1.50	10.633	5.82	16.667	1.69	22.70	1.13
4.633	1.50	10.667	5.82	16.700	1.69	22.73	1.13
4.667	1.50	10.700	5.82	16.733	1.69	22.77	1.13
4.700	1.50	10.733	5.82	16.767	1.69	22.80	1.13
4.733	1.50	10.767	5.82	16.800	1.69	22.83	1.13
4.767	1.50	10.800	5.82	16.833	1.69	22.87	1.13
4.800	1.50	10.833	5.82	16.867	1.69	22.90	1.13
4.833	1.50	10.867	5.82	16.900	1.69	22.93	1.13
4.867	1.50	10.900	5.82	16.933	1.69	22.97	1.13

25-yr 24hr SCS Type II

4.900	1.50	10.933	5.82	16.967	1.69	23.00	1.13
4.933	1.50	10.967	5.82	17.000	1.69	23.03	1.13
4.967	1.50	11.000	5.82	17.033	1.69	23.07	1.13
5.000	1.50	11.033	5.82	17.067	1.69	23.10	1.13
5.033	1.50	11.067	5.82	17.100	1.69	23.13	1.13
5.067	1.50	11.100	7.42	17.133	1.69	23.17	1.13
5.100	1.50	11.133	9.01	17.167	1.69	23.20	1.13
5.133	1.50	11.167	9.01	17.200	1.69	23.23	1.13
5.167	1.50	11.200	9.01	17.233	1.69	23.27	1.13
5.200	1.50	11.233	9.01	17.267	1.69	23.30	1.13
5.233	1.50	11.267	9.01	17.300	1.69	23.33	1.13
5.267	1.50	11.300	9.01	17.333	1.69	23.37	1.13
5.300	1.50	11.333	9.01	17.367	1.69	23.40	1.13
5.333	1.50	11.367	9.01	17.400	1.69	23.43	1.13
5.367	1.50	11.400	9.01	17.433	1.69	23.47	1.13
5.400	1.50	11.433	9.01	17.467	1.69	23.50	1.13
5.433	1.50	11.467	9.01	17.500	1.69	23.53	1.13
5.467	1.50	11.500	9.01	17.533	1.69	23.57	1.13
5.500	1.50	11.533	9.01	17.567	1.69	23.60	1.13
5.533	1.50	11.567	9.01	17.600	1.69	23.63	1.13
5.567	1.50	11.600	18.41	17.633	1.69	23.67	1.13
5.600	1.50	11.633	27.77	17.667	1.69	23.70	1.13
5.633	1.50	11.667	27.77	17.700	1.69	23.73	1.13
5.667	1.50	11.700	27.77	17.733	1.69	23.77	1.13
5.700	1.50	11.733	27.77	17.767	1.69	23.80	1.13
5.733	1.50	11.767	27.77	17.800	1.69	23.83	1.13
5.767	1.50	11.800	27.77	17.833	1.69	23.87	1.13
5.800	1.50	11.833	27.89	17.867	1.69	23.90	1.13
5.833	1.50	11.867	114.84	17.900	1.69	23.93	1.13
5.867	1.50	11.900	114.84	17.933	1.69	23.97	1.13
5.900	1.50	11.933	114.84	17.967	1.69	24.00	1.13
5.933	1.50	11.967	114.84	18.000	1.69	24.03	1.13
5.967	1.50	12.000	114.84	18.033	1.69	24.07	1.13
6.000	1.50	12.033	114.84	18.067	1.69	24.10	0.56
6.033	1.50	12.067	114.84	18.100	1.69		

Unit Hyd Qpeak (cms)= 1.705

PEAK FLOW (cms)= 1.339 (i)
TIME TO PEAK (hrs)= 12.300
RUNOFF VOLUME (mm)= 49.040
TOTAL RAINFALL (mm)= 93.820
RUNOFF COEFFICIENT = 0.523

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0105)	Area	(ha)=	3.55	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)= 3.00	
	U.H. Tp(hrs)=		0.24		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.50	12.100	64.03	18.13	1.69
0.067	0.00	6.100	1.59	12.133	13.51	18.17	1.69
0.100	0.52	6.133	1.69	12.167	13.51	18.20	1.69
0.133	1.03	6.167	1.69	12.200	13.51	18.23	1.69
0.167	1.03	6.200	1.69	12.233	13.51	18.27	1.69
0.200	1.03	6.233	1.69	12.267	13.51	18.30	1.69
0.233	1.03	6.267	1.69	12.300	13.51	18.33	1.69
0.267	1.03	6.300	1.69	12.333	13.51	18.37	1.69
0.300	1.03	6.333	1.69	12.367	13.51	18.40	1.69
0.333	1.03	6.367	1.69	12.400	13.51	18.43	1.69
0.367	1.03	6.400	1.69	12.433	13.51	18.47	1.69
0.400	1.03	6.433	1.69	12.467	13.51	18.50	1.69
0.433	1.03	6.467	1.69	12.500	13.51	18.53	1.69
0.467	1.03	6.500	1.69	12.533	13.51	18.57	1.69
0.500	1.03	6.533	1.69	12.567	13.51	18.60	1.69
0.533	1.03	6.567	1.69	12.600	10.22	18.63	1.69
0.567	1.03	6.600	1.69	12.633	6.94	18.67	1.69
0.600	1.03	6.633	1.69	12.667	6.94	18.70	1.69
0.633	1.03	6.667	1.69	12.700	6.94	18.73	1.69
0.667	1.03	6.700	1.69	12.733	6.94	18.77	1.69
0.700	1.03	6.733	1.69	12.767	6.94	18.80	1.69
0.733	1.03	6.767	1.69	12.800	6.94	18.83	1.69
0.767	1.03	6.800	1.69	12.833	6.94	18.87	1.69
0.800	1.03	6.833	1.69	12.867	6.94	18.90	1.69
0.833	1.03	6.867	1.69	12.900	6.94	18.93	1.69
0.867	1.03	6.900	1.69	12.933	6.94	18.97	1.69
0.900	1.03	6.933	1.69	12.967	6.94	19.00	1.69
0.933	1.03	6.967	1.69	13.000	6.94	19.03	1.69
0.967	1.03	7.000	1.69	13.033	6.94	19.07	1.69
1.000	1.03	7.033	1.69	13.067	6.94	19.10	1.69
1.033	1.03	7.067	1.69	13.100	6.00	19.13	1.69
1.067	1.03	7.100	1.88	13.133	5.07	19.17	1.69
1.100	1.03	7.133	2.06	13.167	5.07	19.20	1.69
1.133	1.03	7.167	2.06	13.200	5.07	19.23	1.69
1.167	1.03	7.200	2.06	13.233	5.07	19.27	1.69
1.200	1.03	7.233	2.06	13.267	5.07	19.30	1.69
1.233	1.03	7.267	2.06	13.300	5.07	19.33	1.69
1.267	1.03	7.300	2.06	13.333	5.07	19.37	1.69
1.300	1.03	7.333	2.06	13.367	5.07	19.40	1.69
1.333	1.03	7.367	2.06	13.400	5.07	19.43	1.69
1.367	1.03	7.400	2.06	13.433	5.07	19.47	1.69
1.400	1.03	7.433	2.06	13.467	5.07	19.50	1.69
1.433	1.03	7.467	2.06	13.500	5.07	19.53	1.69
1.467	1.03	7.500	2.06	13.533	5.07	19.57	1.69
1.500	1.03	7.533	2.06	13.567	5.07	19.60	1.69
1.533	1.03	7.567	2.06	13.600	4.50	19.63	1.69
1.567	1.03	7.600	2.06	13.633	3.94	19.67	1.69
1.600	1.03	7.633	2.06	13.667	3.94	19.70	1.69
1.633	1.03	7.667	2.06	13.700	3.94	19.73	1.69
1.667	1.03	7.700	2.06	13.733	3.94	19.77	1.69
1.700	1.03	7.733	2.06	13.767	3.94	19.80	1.69
1.733	1.03	7.767	2.06	13.800	3.94	19.83	1.69
1.767	1.03	7.800	2.06	13.833	3.94	19.87	1.69
1.800	1.03	7.833	2.06	13.867	3.94	19.90	1.69
1.833	1.03	7.867	2.06	13.900	3.94	19.93	1.69
1.867	1.03	7.900	2.06	13.933	3.94	19.97	1.69
1.900	1.03	7.933	2.06	13.967	3.94	20.00	1.69
1.933	1.03	7.967	2.06	14.000	3.94	20.03	1.69
1.967	1.03	8.000	2.06	14.033	3.94	20.07	1.69
2.000	1.03	8.033	2.06	14.067	3.94	20.10	1.41
2.033	1.03	8.067	2.06	14.100	3.38	20.13	1.13
2.067	1.03	8.100	2.25	14.133	2.81	20.17	1.13
2.100	1.13	8.133	2.44	14.167	2.81	20.20	1.13
2.133	1.22	8.167	2.44	14.200	2.81	20.23	1.13
2.167	1.22	8.200	2.44	14.233	2.81	20.27	1.13
2.200	1.22	8.233	2.44	14.267	2.81	20.30	1.13
2.233	1.22	8.267	2.44	14.300	2.81	20.33	1.13
2.267	1.22	8.300	2.44	14.333	2.81	20.37	1.13
2.300	1.22	8.333	2.44	14.367	2.81	20.40	1.13
2.333	1.22	8.367	2.44	14.400	2.81	20.43	1.13
2.367	1.22	8.400	2.44	14.433	2.81	20.47	1.13
2.400	1.22	8.433	2.44	14.467	2.81	20.50	1.13
2.433	1.22	8.467	2.44	14.500	2.81	20.53	1.13
2.467	1.22	8.500	2.44	14.533	2.81	20.57	1.13
2.500	1.22	8.533	2.44	14.567	2.81	20.60	1.13
2.533	1.22	8.567	2.44	14.600	2.81	20.63	1.13
2.567	1.22	8.600	2.53	14.633	2.81	20.67	1.13
2.600	1.22	8.633	2.63	14.667	2.81	20.70	1.13
2.633	1.22	8.667	2.63	14.700	2.81	20.73	1.13
2.667	1.22	8.700	2.63	14.733	2.81	20.77	1.13
2.700	1.22	8.733	2.63	14.767	2.81	20.80	1.13
2.733	1.22	8.767	2.63	14.800	2.81	20.83	1.13
2.767	1.22	8.800	2.63	14.833	2.81	20.87	1.13
2.800	1.22	8.833	2.63	14.867	2.81	20.90	1.13
2.833	1.22	8.867	2.63	14.900	2.81	20.93	1.13
2.867	1.22	8.900	2.63	14.933	2.81	20.97	1.13
2.900	1.22	8.933	2.63	14.967	2.81	21.00	1.13
2.933	1.22	8.967	2.63	15.000	2.81	21.03	1.13
2.967	1.22	9.000	2.63	15.033	2.81	21.07	1.13
3.000	1.22	9.033	2.63	15.067	2.81	21.10	1.13
3.033	1.22	9.067	2.63	15.100	2.81	21.13	1.13
3.067	1.22	9.100	2.81	15.133	2.81	21.17	1.13
3.100	1.22	9.133	3.00	15.167	2.81	21.20	1.13
3.133	1.22	9.167	3.00	15.200	2.81	21.23	1.13
3.167	1.22	9.200	3.00	15.233	2.81	21.27	1.13
3.200	1.22	9.233	3.00	15.267	2.81	21.30	1.13
3.233	1.22	9.267	3.00	15.300	2.81	21.33	1.13
3.267	1.22	9.300	3.00	15.333	2.81	21.37	1.13
3.300	1.22	9.333	3.00	15.367	2.81	21.40	1.13
3.333	1.22	9.367	3.00	15.400	2.81	21.43	1.13
3.367	1.22	9.400	3.00	15.433	2.81	21.47	1.13
3.400	1.22	9.433	3.00	15.467	2.81	21.50	1.13
3.433	1.22	9.467	3.00	15.500	2.81	21.53	1.13
3.467	1.22	9.500	3.00	15.533	2.81	21.57	1.13
3.500	1.22	9.533	3.00	15.567	2.81	21.60	1.13
3.533	1.22	9.567	3.00	15.600	2.81	21.63	1.13
3.567	1.22	9.600	3.19	15.633	2.81	21.67	1.13
3.600	1.22	9.633	3.38	15.667	2.81	21.70	1.13
3.633	1.22	9.667	3.38	15.700	2.81	21.73	1.13
3.667	1.22	9.700	3.38	15.733	2.81	21.77	1.13
3.700	1.22	9.733	3.38	15.767	2.81	21.80	1.13
3.733	1.22	9.767	3.38	15.800	2.81	21.83	1.13
3.767	1.22	9.800	3.38	15.833	2.81	21.87	1.13
3.800	1.22	9.833	3.38	15.867	2.81	21.90	1.13
3.833	1.22	9.867	3.38	15.900	2.81	21.93	1.13
3.867	1.22	9.900	3.38	15.933	2.81	21.97	1.13
3.900	1.22	9.933	3.38	15.967	2.81	22.00	1.13
3.933	1.22	9.967	3.38	16.000	2.81	22.03	1.13
3.967	1.22	10.000	3.38	16.033	2.81	22.07	1.13
4.000	1.22	10.033	3.38	16.067	2.81	22.10	1.13
4.033	1.22	10.067	3.38	16.100	2.25	22.13	1.13
4.067	1.22	10.100	3.85	16.133	1.69	22.17	1.13
4.100	1.36	10.133	4.32	16.167	1.69	22.20	1.13
4.133	1.50	10.167	4.32	16.200	1.69	22.23	1.13
4.167	1.50	10.200	4.32	16.233	1.69	22.27	1.13
4.200	1.50	10.233	4.32	16.267	1.69	22.30	1.13
4.233	1.50	10.267	4.32	16.300	1.69	22.33	1.13
4.267	1.50	10.300	4.32	16.333	1.69	22.37	1.13
4.300	1.50	10.333	4.32	16.367	1.69	22.40	1.13
4.333	1.50	10.367	4.32	16.400	1.69	22.43	1.13
4.367	1.50	10.400	4.32	16.433	1.69	22.47	1.13
4.400	1.50	10.433	4.32	16.467	1.69	22.50	1.13
4.433	1.50	10.467	4.32	16.500	1.69	22.53	1.13
4.467	1.50	10.500	4.32	16.533	1.69	22.57	1.13
4.500	1.50	10.533	4.32	16.567	1.69	22.60	1.13
4.533	1.50	10.567	4.32	16.600	1.69	22.63	1.13
4.567	1.50	10.600	5.07	16.633	1.69	22.67	1.13
4.600	1.50	10.633	5.82	16.667	1.69	22.70	1.13
4.633	1.50	10.667	5.82	16.700	1.69	22.73	1.13
4.667	1.50	10.700	5.82	16.733	1.69	22.77	1.13
4.700	1.50	10.733	5.82	16.767	1.69	22.80	1.13
4.733	1.50	10.767	5.82	16.800	1.69	22.83	1.13
4.767	1.50	10.800	5.82	16.833	1.69	22.87	1.13
4.800	1.50	10.833	5.82	16.867	1.69	22.90	1.13
4.833	1.50	10.867	5.82	16.900	1.69	22.93	1.13
4.867	1.50	10.900	5.82	16.933	1.69	22.97	1.13
4.900	1.50	10.933	5.82	16.967	1.69	23.00	1.13
4.933	1.50	10.967	5.82	17.000	1.69	23.03	1.13
4.967	1.50	11.000	5.82	17.033	1.69	23.07	1.13
5.000	1.50	11.033	5.82	17.067	1.69	23.10	1.13
5.033	1.50	11.067	5.82	17.100	1.69	23.13	1.13
5.067	1.50	11.100	7.42	17.133	1.69	23.17	1.13
5.100	1.50	11.133	9.01	17.167	1.69	23.20	1.13
5.133	1.50	11.167	9.01	17.200	1.69	23.23	1.13
5.167	1.50	11.200	9.01	17.233	1.69	23.27	1.13
5.200	1.50	11.233	9.01	17.267	1.69	23.30	1.13
5.233	1.50	11.267	9.01	17.300	1.69	23.33	1.13
5.267	1.50	11.300	9.01	17.333	1.69	23.37	1.13
5.300	1.50	11.333	9.01	17.367	1.69	23.40	1.13
5.333	1.50	11.367	9.01	17.400	1.69	23.43	1.13
5.367	1.50	11.400	9.01	17.433	1.69	23.47	1.13
5.400	1.50	11.433	9.01	17.467	1.69	23.50	1.13
5.433	1.50	11.467	9.01	17.500	1.69	23.53	1.13
5.467	1.50	11.500	9.01	17.533	1.69	23.57	1.13
5.500	1.50	11.533	9.01	17.567	1.69	23.60	1.13
5.533	1.50	11.567	9.01	17.600	1.69	23.63	1.13
5.567	1.50	11.600	18.41	17.633	1.69	23.67	1.13
5.600	1.50	11.633	27.77	17.667	1.69	23.70	1.13
5.633	1.50	11.667	27.77	17.700	1.69	23.73	1.13
5.667	1.50	11.700	27.77	17.733	1.69	23.77	1.13
5.700	1.50	11.733	27.77	17.767	1.69	23.80	1.13
5.733	1.50	11.767	27.77	17.800	1.69	23.83	1.13
5.767	1.50	11.800	27.77	17.833	1.69	23.87	1.13
5.800	1.50	11.833	27.89	17.867	1.69	23.90	1.13
5.833	1.50	11.867	114.84	17.900	1.69	23.93	1.13
5.867	1.50	11.900	114.84	17.933	1.69	23.97	1.13
5.900	1.50	11.933	114.84	17.967	1.69	24.00	1.13
5.933	1.50	11.967	114.84	18.000	1.69	24.03	1.13
5.967	1.50	12.000	114.84	18.033	1.69	24.07	1.13
6.000	1.50	12.033	114.84	18.067	1.69	24.10	0.56
6.033	1.50	12.067	114.84	18.100	1.69		

Unit Hyd Qpeak (cms)= 0.565

PEAK FLOW (cms)= 0.403 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 49.039
TOTAL RAINFALL (mm)= 93.820
RUNOFF COEFFICIENT = 0.523

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0106)	Area	(ha)=	0.36	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)= 3.00	
	U.H. Tp(hrs)=		0.14		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.50	12.100	64.03	18.13	1.69
0.067	0.00	6.100	1.59	12.133	13.51	18.17	1.69
0.100	0.52	6.133	1.69	12.167	13.51	18.20	1.69
0.133	1.03	6.167	1.69	12.200	13.51	18.23	1.69
0.167	1.03	6.200	1.69	12.233	13.51	18.27	1.69
0.200	1.03	6.233	1.69	12.267	13.51	18.30	1.69
0.233	1.03	6.267	1.69	12.300	13.51	18.33	1.69
0.267	1.03	6.300	1.69	12.333	13.51	18.37	1.69
0.300	1.03	6.333	1.69	12.367	13.51	18.40	1.69
0.333	1.03	6.367	1.69	12.400	13.51	18.43	1.69
0.367	1.03	6.400	1.69	12.433	13.51	18.47	1.69
0.400	1.03	6.433	1.69	12.467	13.51	18.50	1.69
0.433	1.03	6.467	1.69	12.500	13.51	18.53	1.69
0.467	1.03	6.500	1.69	12.533	13.51	18.57	1.69
0.500	1.03	6.533	1.69	12.567	13.51	18.60	1.69
0.533	1.03	6.567	1.69	12.600	10.22	18.63	1.69
0.567	1.03	6.600	1.69	12.633	6.94	18.67	1.69
0.600	1.03	6.633	1.69	12.667	6.94	18.70	1.69
0.633	1.03	6.667	1.69	12.700	6.94	18.73	1.69
0.667	1.03	6.700	1.69	12.733	6.94	18.77	1.69
0.700	1.03	6.733	1.69	12.767	6.94	18.80	1.69
0.733	1.03	6.767	1.69	12.800	6.94	18.83	1.69

25-yr 24hr SCS Type II

0.767	1.03	6.800	1.69	12.833	6.94	18.87	1.69
0.800	1.03	6.833	1.69	12.867	6.94	18.90	1.69
0.833	1.03	6.867	1.69	12.900	6.94	18.93	1.69
0.867	1.03	6.900	1.69	12.933	6.94	18.97	1.69
0.900	1.03	6.933	1.69	12.967	6.94	19.00	1.69
0.933	1.03	6.967	1.69	13.000	6.94	19.03	1.69
0.967	1.03	7.000	1.69	13.033	6.94	19.07	1.69
1.000	1.03	7.033	1.69	13.067	6.94	19.10	1.69
1.033	1.03	7.067	1.69	13.100	6.00	19.13	1.69
1.067	1.03	7.100	1.88	13.133	5.07	19.17	1.69
1.100	1.03	7.133	2.06	13.167	5.07	19.20	1.69
1.133	1.03	7.167	2.06	13.200	5.07	19.23	1.69
1.167	1.03	7.200	2.06	13.233	5.07	19.27	1.69
1.200	1.03	7.233	2.06	13.267	5.07	19.30	1.69
1.233	1.03	7.267	2.06	13.300	5.07	19.33	1.69
1.267	1.03	7.300	2.06	13.333	5.07	19.37	1.69
1.300	1.03	7.333	2.06	13.367	5.07	19.40	1.69
1.333	1.03	7.367	2.06	13.400	5.07	19.43	1.69
1.367	1.03	7.400	2.06	13.433	5.07	19.47	1.69
1.400	1.03	7.433	2.06	13.467	5.07	19.50	1.69
1.433	1.03	7.467	2.06	13.500	5.07	19.53	1.69
1.467	1.03	7.500	2.06	13.533	5.07	19.57	1.69
1.500	1.03	7.533	2.06	13.567	5.07	19.60	1.69
1.533	1.03	7.567	2.06	13.600	4.50	19.63	1.69
1.567	1.03	7.600	2.06	13.633	3.94	19.67	1.69
1.600	1.03	7.633	2.06	13.667	3.94	19.70	1.69
1.633	1.03	7.667	2.06	13.700	3.94	19.73	1.69
1.667	1.03	7.700	2.06	13.733	3.94	19.77	1.69
1.700	1.03	7.733	2.06	13.767	3.94	19.80	1.69
1.733	1.03	7.767	2.06	13.800	3.94	19.83	1.69
1.767	1.03	7.800	2.06	13.833	3.94	19.87	1.69
1.800	1.03	7.833	2.06	13.867	3.94	19.90	1.69
1.833	1.03	7.867	2.06	13.900	3.94	19.93	1.69
1.867	1.03	7.900	2.06	13.933	3.94	19.97	1.69
1.900	1.03	7.933	2.06	13.967	3.94	20.00	1.69
1.933	1.03	7.967	2.06	14.000	3.94	20.03	1.69
1.967	1.03	8.000	2.06	14.033	3.94	20.07	1.69
2.000	1.03	8.033	2.06	14.067	3.94	20.10	1.41
2.033	1.03	8.067	2.06	14.100	3.38	20.13	1.13
2.067	1.03	8.100	2.25	14.133	2.81	20.17	1.13
2.100	1.13	8.133	2.44	14.167	2.81	20.20	1.13
2.133	1.22	8.167	2.44	14.200	2.81	20.23	1.13
2.167	1.22	8.200	2.44	14.233	2.81	20.27	1.13
2.200	1.22	8.233	2.44	14.267	2.81	20.30	1.13
2.233	1.22	8.267	2.44	14.300	2.81	20.33	1.13
2.267	1.22	8.300	2.44	14.333	2.81	20.37	1.13
2.300	1.22	8.333	2.44	14.367	2.81	20.40	1.13
2.333	1.22	8.367	2.44	14.400	2.81	20.43	1.13
2.367	1.22	8.400	2.44	14.433	2.81	20.47	1.13
2.400	1.22	8.433	2.44	14.467	2.81	20.50	1.13
2.433	1.22	8.467	2.44	14.500	2.81	20.53	1.13
2.467	1.22	8.500	2.44	14.533	2.81	20.57	1.13
2.500	1.22	8.533	2.44	14.567	2.81	20.60	1.13
2.533	1.22	8.567	2.44	14.600	2.81	20.63	1.13
2.567	1.22	8.600	2.53	14.633	2.81	20.67	1.13
2.600	1.22	8.633	2.63	14.667	2.81	20.70	1.13
2.633	1.22	8.667	2.63	14.700	2.81	20.73	1.13
2.667	1.22	8.700	2.63	14.733	2.81	20.77	1.13
2.700	1.22	8.733	2.63	14.767	2.81	20.80	1.13
2.733	1.22	8.767	2.63	14.800	2.81	20.83	1.13
2.767	1.22	8.800	2.63	14.833	2.81	20.87	1.13
2.800	1.22	8.833	2.63	14.867	2.81	20.90	1.13
2.833	1.22	8.867	2.63	14.900	2.81	20.93	1.13
2.867	1.22	8.900	2.63	14.933	2.81	20.97	1.13
2.900	1.22	8.933	2.63	14.967	2.81	21.00	1.13
2.933	1.22	8.967	2.63	15.000	2.81	21.03	1.13
2.967	1.22	9.000	2.63	15.033	2.81	21.07	1.13
3.000	1.22	9.033	2.63	15.067	2.81	21.10	1.13
3.033	1.22	9.067	2.63	15.100	2.81	21.13	1.13
3.067	1.22	9.100	2.81	15.133	2.81	21.17	1.13
3.100	1.22	9.133	3.00	15.167	2.81	21.20	1.13
3.133	1.22	9.167	3.00	15.200	2.81	21.23	1.13
3.167	1.22	9.200	3.00	15.233	2.81	21.27	1.13
3.200	1.22	9.233	3.00	15.267	2.81	21.30	1.13
3.233	1.22	9.267	3.00	15.300	2.81	21.33	1.13
3.267	1.22	9.300	3.00	15.333	2.81	21.37	1.13
3.300	1.22	9.333	3.00	15.367	2.81	21.40	1.13
3.333	1.22	9.367	3.00	15.400	2.81	21.43	1.13
3.367	1.22	9.400	3.00	15.433	2.81	21.47	1.13
3.400	1.22	9.433	3.00	15.467	2.81	21.50	1.13
3.433	1.22	9.467	3.00	15.500	2.81	21.53	1.13
3.467	1.22	9.500	3.00	15.533	2.81	21.57	1.13
3.500	1.22	9.533	3.00	15.567	2.81	21.60	1.13
3.533	1.22	9.567	3.00	15.600	2.81	21.63	1.13
3.567	1.22	9.600	3.19	15.633	2.81	21.67	1.13
3.600	1.22	9.633	3.38	15.667	2.81	21.70	1.13
3.633	1.22	9.667	3.38	15.700	2.81	21.73	1.13
3.667	1.22	9.700	3.38	15.733	2.81	21.77	1.13
3.700	1.22	9.733	3.38	15.767	2.81	21.80	1.13
3.733	1.22	9.767	3.38	15.800	2.81	21.83	1.13
3.767	1.22	9.800	3.38	15.833	2.81	21.87	1.13
3.800	1.22	9.833	3.38	15.867	2.81	21.90	1.13
3.833	1.22	9.867	3.38	15.900	2.81	21.93	1.13
3.867	1.22	9.900	3.38	15.933	2.81	21.97	1.13
3.900	1.22	9.933	3.38	15.967	2.81	22.00	1.13
3.933	1.22	9.967	3.38	16.000	2.81	22.03	1.13
3.967	1.22	10.000	3.38	16.033	2.81	22.07	1.13
4.000	1.22	10.033	3.38	16.067	2.81	22.10	1.13
4.033	1.22	10.067	3.38	16.100	2.25	22.13	1.13
4.067	1.22	10.100	3.85	16.133	1.69	22.17	1.13
4.100	1.36	10.133	4.32	16.167	1.69	22.20	1.13
4.133	1.50	10.167	4.32	16.200	1.69	22.23	1.13
4.167	1.50	10.200	4.32	16.233	1.69	22.27	1.13
4.200	1.50	10.233	4.32	16.267	1.69	22.30	1.13
4.233	1.50	10.267	4.32	16.300	1.69	22.33	1.13
4.267	1.50	10.300	4.32	16.333	1.69	22.37	1.13
4.300	1.50	10.333	4.32	16.367	1.69	22.40	1.13
4.333	1.50	10.367	4.32	16.400	1.69	22.43	1.13
4.367	1.50	10.400	4.32	16.433	1.69	22.47	1.13
4.400	1.50	10.433	4.32	16.467	1.69	22.50	1.13
4.433	1.50	10.467	4.32	16.500	1.69	22.53	1.13
4.467	1.50	10.500	4.32	16.533	1.69	22.57	1.13
4.500	1.50	10.533	4.32	16.567	1.69	22.60	1.13
4.533	1.50	10.567	4.32	16.600	1.69	22.63	1.13
4.567	1.50	10.600	5.07	16.633	1.69	22.67	1.13
4.600	1.50	10.633	5.82	16.667	1.69	22.70	1.13
4.633	1.50	10.667	5.82	16.700	1.69	22.73	1.13
4.667	1.50	10.700	5.82	16.733	1.69	22.77	1.13
4.700	1.50	10.733	5.82	16.767	1.69	22.80	1.13
4.733	1.50	10.767	5.82	16.800	1.69	22.83	1.13
4.767	1.50	10.800	5.82	16.833	1.69	22.87	1.13
4.800	1.50	10.833	5.82	16.867	1.69	22.90	1.13
4.833	1.50	10.867	5.82	16.900	1.69	22.93	1.13
4.867	1.50	10.900	5.82	16.933	1.69	22.97	1.13
4.900	1.50	10.933	5.82	16.967	1.69	23.00	1.13
4.933	1.50	10.967	5.82	17.000	1.69	23.03	1.13
4.967	1.50	11.000	5.82	17.033	1.69	23.07	1.13
5.000	1.50	11.033	5.82	17.067	1.69	23.10	1.13
5.033	1.50	11.067	5.82	17.100	1.69	23.13	1.13
5.067	1.50	11.100	7.42	17.133	1.69	23.17	1.13
5.100	1.50	11.133	9.01	17.167	1.69	23.20	1.13
5.133	1.50	11.167	9.01	17.200	1.69	23.23	1.13
5.167	1.50	11.200	9.01	17.233	1.69	23.27	1.13
5.200	1.50	11.233	9.01	17.267	1.69	23.30	1.13
5.233	1.50	11.267	9.01	17.300	1.69	23.33	1.13
5.267	1.50	11.300	9.01	17.333	1.69	23.37	1.13
5.300	1.50	11.333	9.01	17.367	1.69	23.40	1.13
5.333	1.50	11.367	9.01	17.400	1.69	23.43	1.13
5.367	1.50	11.400	9.01	17.433	1.69	23.47	1.13
5.400	1.50	11.433	9.01	17.467	1.69	23.50	1.13
5.433	1.50	11.467	9.01	17.500	1.69	23.53	1.13
5.467	1.50	11.500	9.01	17.533	1.69	23.57	1.13
5.500	1.50	11.533	9.01	17.567	1.69	23.60	1.13
5.533	1.50	11.567	9.01	17.600	1.69	23.63	1.13
5.567	1.50	11.600	18.41	17.633	1.69	23.67	1.13
5.600	1.50	11.633	27.77	17.667	1.69	23.70	1.13
5.633	1.50	11.667	27.77	17.700	1.69	23.73	1.13
5.667	1.50	11.700	27.77	17.733	1.69	23.77	1.13
5.700	1.50	11.733	27.77	17.767	1.69	23.80	1.13
5.733	1.50	11.767	27.77	17.800	1.69	23.83	1.13
5.767	1.50	11.800	27.77	17.833	1.69	23.87	1.13
5.800	1.50	11.833	27.89	17.867	1.69	23.90	1.13
5.833	1.50	11.867	114.84	17.900	1.69	23.93	1.13
5.867	1.50	11.900	114.84	17.933	1.69	23.97	1.13
5.900	1.50	11.933	114.84	17.967	1.69	24.00	1.13
5.933	1.50	11.967	114.84	18.000	1.69	24.03	1.13
5.967	1.50	12.000	114.84	18.033	1.69	24.07	1.13
6.000	1.50	12.033	114.84	18.067	1.69	24.10	0.56
6.033	1.50	12.067	114.84	18.100	1.69		

Unit Hyd Qpeak (cms)= 0.098

PEAK FLOW (cms)= 0.056 (i)
TIME TO PEAK (hrs)= 12.133
RUNOFF VOLUME (mm)= 49.030
TOTAL RAINFALL (mm)= 93.820
RUNOFF COEFFICIENT = 0.523

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB	
STANDHYD (0104)	Area (ha)= 0.95
ID= 1 DT= 1.0 min	Total Imp(%)= 53.00 Dir. Conn.(%)= 26.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.50	0.45
Dep. Storage	(mm)=	1.00	6.75
Average Slope	(%)=	1.00	2.00
Length	(m)=	50.00	40.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.050	1.50	12.083	114.84	18.12	1.69
0.033	0.00	6.067	1.50	12.100	13.59	18.13	1.69
0.050	0.00	6.083	1.50	12.117	13.51	18.15	1.69
0.067	0.00	6.100	1.69	12.133	13.51	18.17	1.69
0.083	0.00	6.117	1.69	12.150	13.51	18.18	1.69
0.100	1.03	6.133	1.69	12.167	13.51	18.20	1.69
0.117	1.03	6.150	1.69	12.183	13.51	18.22	1.69
0.133	1.03	6.167	1.69	12.200	13.51	18.23	1.69
0.150	1.03	6.183	1.69	12.217	13.51	18.25	1.69
0.167	1.03	6.200	1.69	12.233	13.51	18.27	1.69
0.183	1.03	6.217	1.69	12.250	13.51	18.28	1.69
0.200	1.03	6.233	1.69	12.267	13.51	18.30	1.69
0.217	1.03	6.250	1.69	12.283	13.51	18.32	1.69
0.233	1.03	6.267	1.69	12.300	13.51	18.33	1.69
0.250	1.03	6.283	1.69	12.317	13.51	18.35	1.69
0.267	1.03	6.300	1.69	12.333	13.51	18.37	1.69
0.283	1.03	6.317	1.69	12.350	13.51	18.38	1.69
0.300	1.03	6.333	1.69	12.367	13.51	18.40	1.69
0.317	1.03	6.350	1.69	12.383	13.51	18.42	1.69
0.333	1.03	6.367	1.69	12.400	13.51	18.43	1.69
0.350	1.03	6.383	1.69	12.417	13.51	18.45	1.69
0.367	1.03	6.400	1.69	12.433	13.51	18.47	1.69
0.383	1.03	6.417	1.69	12.450	13.51	18.48	1.69
0.400	1.03	6.433	1.69	12.467	13.51	18.50	1.69
0.417	1.03	6.450	1.69	12.483	13.51	18.52	1.69
0.433	1.03	6.467	1.69	12.500	13.51	18.53	1.69
0.450	1.03	6.483	1.69	12.517	13.51	18.55	1.69
0.467	1.03	6.500	1.69	12.533	13.51	18.57	1.69
0.483	1.03	6.517	1.69	12.550	13.51	18.58	1.69
0.500	1.03	6.533	1.69	12.567	13.51	18.60	1.69
0.517	1.03	6.550	1.69	12.583	13.51	18.62	1.69
0.533	1.03	6.567	1.69	12.600	6.95	18.63	1.69
0.550	1.03	6.583	1.69	12.617	6.94	18.65	1.69
0.567	1.03	6.600	1.69	12.633	6.94	18.67	1.69
0.583	1.03	6.617	1.69	12.650	6.94	18.68	1.69
0.600	1.03	6.633	1.69	12.667	6.94	18.70	1.69
0.617	1.03	6.650	1.69	12.683	6.94	18.72	1.69
0.633	1.03	6.667	1.69	12.700	6.94	18.73	1.69
0.650	1.03	6.683	1.69	12.717	6.94	18.75	1.69
0.667	1.03	6.700	1.69	12.733	6.94	18.77	1.69
0.683	1.03	6.717	1.69	12.750	6.94	18.78	1.69
0.700	1.03	6.733	1.69	12.767	6.94	18.80	1.69
0.717	1.03	6.750	1.69	12.783	6.94	18.82	1.69
0.733	1.03	6.767	1.69	12.800	6.94	18.83	1.69
0.750	1.03	6.783	1.69	12.817	6.94	18.85	1.69
0.767	1.03	6.800	1.69	12.833	6.94	18.87	1.69
0.783	1.03	6.817	1.69	12.850	6.94	18.88	1.69
0.800	1.03	6.833	1.69	12.867	6.94	18.90	1.69
0.817	1.03	6.850	1.69	12.883	6.94	18.92	1.69
0.833	1.03	6.867	1.69	12.900	6.94	18.93	1.69
0.850	1.03	6.883	1.69	12.917	6.94	18.95	1.69
0.867	1.03	6.900	1.69	12.933	6.94	18.97	1.69
0.883	1.03	6.917	1.69	12.950	6.94	18.98	1.69
0.900	1.03	6.933	1.69	12.967	6.94	19.00	1.69
0.917	1.03	6.950	1.69	12.983	6.94	19.02	1.69
0.933	1.03	6.967	1.69	13.000	6.94	19.03	1.69
0.950	1.03	6.983	1.69	13.017	6.94	19.05	1.69
0.967	1.03	7.000	1.69	13.033	6.94	19.07	1.69
0.983	1.03	7.017	1.69	13.050	6.94	19.08	1.69
1.000	1.03	7.033	1.69	13.067	6.94	19.10	1.69
1.017	1.03	7.050	1.69	13.083	6.94	19.12	1.69
1.033	1.03	7.067	1.69	13.100	5.07	19.13	1.69
1.050	1.03	7.083	1.69	13.117	5.07	19.15	1.69
1.067	1.03	7.100	2.06	13.133	5.07	19.17	1.69
1.083	1.03	7.117	2.06	13.150	5.07	19.18	1.69
1.100	1.03	7.133	2.06	13.167	5.07	19.20	1.69
1.117	1.03	7.150	2.06	13.183	5.07	19.22	1.69
1.133	1.03	7.167	2.06	13.200	5.07	19.23	1.69
1.150	1.03	7.183	2.06	13.217	5.07	19.25	1.69
1.167	1.03	7.200	2.06	13.233	5.07	19.27	1.69
1.183	1.03	7.217	2.06	13.250	5.07	19.28	1.69
1.200	1.03	7.233	2.06	13.267	5.07	19.30	1.69
1.217	1.03	7.250	2.06	13.283	5.07	19.32	1.69
1.233	1.03	7.267	2.06	13.300	5.07	19.33	1.69
1.250	1.03	7.283	2.06	13.317	5.07	19.35	1.69
1.267	1.03	7.300	2.06	13.333	5.07	19.37	1.69
1.283	1.03	7.317	2.06	13.350	5.07	19.38	1.69
1.300	1.03	7.333	2.06	13.367	5.07	19.40	1.69
1.317	1.03	7.350	2.06	13.383	5.07	19.42	1.69
1.333	1.03	7.367	2.06	13.400	5.07	19.43	1.69
1.350	1.03	7.383	2.06	13.417	5.07	19.45	1.69
1.367	1.03	7.400	2.06	13.433	5.07	19.47	1.69
1.383	1.03	7.417	2.06	13.450	5.07	19.48	1.69
1.400	1.03	7.433	2.06	13.467	5.07	19.50	1.69
1.417	1.03	7.450	2.06	13.483	5.07	19.52	1.69
1.433	1.03	7.467	2.06	13.500	5.07	19.53	1.69
1.450	1.03	7.483	2.06	13.517	5.07	19.55	1.69
1.467	1.03	7.500	2.06	13.533	5.07	19.57	1.69
1.483	1.03	7.517	2.06	13.550	5.07	19.58	1.69
1.500	1.03	7.533	2.06	13.567	5.07	19.60	1.69
1.517	1.03	7.550	2.06	13.583	5.07	19.62	1.69
1.533	1.03	7.567	2.06	13.600	3.94	19.63	1.69
1.550	1.03	7.583	2.06	13.617	3.94	19.65	1.69
1.567	1.03	7.600	2.06	13.633	3.94	19.67	1.69
1.583	1.03	7.617	2.06	13.650	3.94	19.68	1.69
1.600	1.03	7.633	2.06	13.667	3.94	19.70	1.69
1.617	1.03	7.650	2.06	13.683	3.94	19.72	1.69

25-yr 24hr SCS Type II

1.633	1.03	7.667	2.06	13.700	3.94	19.73	1.69
1.650	1.03	7.683	2.06	13.717	3.94	19.75	1.69
1.667	1.03	7.700	2.06	13.733	3.94	19.77	1.69
1.683	1.03	7.717	2.06	13.750	3.94	19.78	1.69
1.700	1.03	7.733	2.06	13.767	3.94	19.80	1.69
1.717	1.03	7.750	2.06	13.783	3.94	19.82	1.69
1.733	1.03	7.767	2.06	13.800	3.94	19.83	1.69
1.750	1.03	7.783	2.06	13.817	3.94	19.85	1.69
1.767	1.03	7.800	2.06	13.833	3.94	19.87	1.69
1.783	1.03	7.817	2.06	13.850	3.94	19.88	1.69
1.800	1.03	7.833	2.06	13.867	3.94	19.90	1.69
1.817	1.03	7.850	2.06	13.883	3.94	19.92	1.69
1.833	1.03	7.867	2.06	13.900	3.94	19.93	1.69
1.850	1.03	7.883	2.06	13.917	3.94	19.95	1.69
1.867	1.03	7.900	2.06	13.933	3.94	19.97	1.69
1.883	1.03	7.917	2.06	13.950	3.94	19.98	1.69
1.900	1.03	7.933	2.06	13.967	3.94	20.00	1.69
1.917	1.03	7.950	2.06	13.983	3.94	20.02	1.69
1.933	1.03	7.967	2.06	14.000	3.94	20.03	1.69
1.950	1.03	7.983	2.06	14.017	3.94	20.05	1.69
1.967	1.03	8.000	2.06	14.033	3.94	20.07	1.69
1.983	1.03	8.017	2.06	14.050	3.94	20.08	1.69
2.000	1.03	8.033	2.06	14.067	3.94	20.10	1.13
2.017	1.03	8.050	2.06	14.083	3.94	20.12	1.13
2.033	1.03	8.067	2.06	14.100	2.82	20.13	1.13
2.050	1.03	8.083	2.07	14.117	2.81	20.15	1.13
2.067	1.03	8.100	2.44	14.133	2.81	20.17	1.13
2.083	1.03	8.117	2.44	14.150	2.81	20.18	1.13
2.100	1.22	8.133	2.44	14.167	2.81	20.20	1.13
2.117	1.22	8.150	2.44	14.183	2.81	20.22	1.13
2.133	1.22	8.167	2.44	14.200	2.81	20.23	1.13
2.150	1.22	8.183	2.44	14.217	2.81	20.25	1.13
2.167	1.22	8.200	2.44	14.233	2.81	20.27	1.13
2.183	1.22	8.217	2.44	14.250	2.81	20.28	1.13
2.200	1.22	8.233	2.44	14.267	2.81	20.30	1.13
2.217	1.22	8.250	2.44	14.283	2.81	20.32	1.13
2.233	1.22	8.267	2.44	14.300	2.81	20.33	1.13
2.250	1.22	8.283	2.44	14.317	2.81	20.35	1.13
2.267	1.22	8.300	2.44	14.333	2.81	20.37	1.13
2.283	1.22	8.317	2.44	14.350	2.81	20.38	1.13
2.300	1.22	8.333	2.44	14.367	2.81	20.40	1.13
2.317	1.22	8.350	2.44	14.383	2.81	20.42	1.13
2.333	1.22	8.367	2.44	14.400	2.81	20.43	1.13
2.350	1.22	8.383	2.44	14.417	2.81	20.45	1.13
2.367	1.22	8.400	2.44	14.433	2.81	20.47	1.13
2.383	1.22	8.417	2.44	14.450	2.81	20.48	1.13
2.400	1.22	8.433	2.44	14.467	2.81	20.50	1.13
2.417	1.22	8.450	2.44	14.483	2.81	20.52	1.13
2.433	1.22	8.467	2.44	14.500	2.81	20.53	1.13
2.450	1.22	8.483	2.44	14.517	2.81	20.55	1.13
2.467	1.22	8.500	2.44	14.533	2.81	20.57	1.13
2.483	1.22	8.517	2.44	14.550	2.81	20.58	1.13
2.500	1.22	8.533	2.44	14.567	2.81	20.60	1.13
2.517	1.22	8.550	2.44	14.583	2.81	20.62	1.13
2.533	1.22	8.567	2.44	14.600	2.81	20.63	1.13
2.550	1.22	8.583	2.44	14.617	2.81	20.65	1.13
2.567	1.22	8.600	2.63	14.633	2.81	20.67	1.13
2.583	1.22	8.617	2.63	14.650	2.81	20.68	1.13
2.600	1.22	8.633	2.63	14.667	2.81	20.70	1.13
2.617	1.22	8.650	2.63	14.683	2.81	20.72	1.13
2.633	1.22	8.667	2.63	14.700	2.81	20.73	1.13
2.650	1.22	8.683	2.63	14.717	2.81	20.75	1.13
2.667	1.22	8.700	2.63	14.733	2.81	20.77	1.13
2.683	1.22	8.717	2.63	14.750	2.81	20.78	1.13
2.700	1.22	8.733	2.63	14.767	2.81	20.80	1.13
2.717	1.22	8.750	2.63	14.783	2.81	20.82	1.13
2.733	1.22	8.767	2.63	14.800	2.81	20.83	1.13
2.750	1.22	8.783	2.63	14.817	2.81	20.85	1.13
2.767	1.22	8.800	2.63	14.833	2.81	20.87	1.13
2.783	1.22	8.817	2.63	14.850	2.81	20.88	1.13
2.800	1.22	8.833	2.63	14.867	2.81	20.90	1.13
2.817	1.22	8.850	2.63	14.883	2.81	20.92	1.13
2.833	1.22	8.867	2.63	14.900	2.81	20.93	1.13
2.850	1.22	8.883	2.63	14.917	2.81	20.95	1.13
2.867	1.22	8.900	2.63	14.933	2.81	20.97	1.13
2.883	1.22	8.917	2.63	14.950	2.81	20.98	1.13
2.900	1.22	8.933	2.63	14.967	2.81	21.00	1.13
2.917	1.22	8.950	2.63	14.983	2.81	21.02	1.13
2.933	1.22	8.967	2.63	15.000	2.81	21.03	1.13
2.950	1.22	8.983	2.63	15.017	2.81	21.05	1.13
2.967	1.22	9.000	2.63	15.033	2.81	21.07	1.13
2.983	1.22	9.017	2.63	15.050	2.81	21.08	1.13
3.000	1.22	9.033	2.63	15.067	2.81	21.10	1.13
3.017	1.22	9.050	2.63	15.083	2.81	21.12	1.13
3.033	1.22	9.067	2.63	15.100	2.81	21.13	1.13
3.050	1.22	9.083	2.63	15.117	2.81	21.15	1.13
3.067	1.22	9.100	3.00	15.133	2.81	21.17	1.13
3.083	1.22	9.117	3.00	15.150	2.81	21.18	1.13
3.100	1.22	9.133	3.00	15.167	2.81	21.20	1.13
3.117	1.22	9.150	3.00	15.183	2.81	21.22	1.13
3.133	1.22	9.167	3.00	15.200	2.81	21.23	1.13
3.150	1.22	9.183	3.00	15.217	2.81	21.25	1.13
3.167	1.22	9.200	3.00	15.233	2.81	21.27	1.13
3.183	1.22	9.217	3.00	15.250	2.81	21.28	1.13
3.200	1.22	9.233	3.00	15.267	2.81	21.30	1.13
3.217	1.22	9.250	3.00	15.283	2.81	21.32	1.13
3.233	1.22	9.267	3.00	15.300	2.81	21.33	1.13
3.250	1.22	9.283	3.00	15.317	2.81	21.35	1.13
3.267	1.22	9.300	3.00	15.333	2.81	21.37	1.13
3.283	1.22	9.317	3.00	15.350	2.81	21.38	1.13
3.300	1.22	9.333	3.00	15.367	2.81	21.40	1.13
3.317	1.22	9.350	3.00	15.383	2.81	21.42	1.13
3.333	1.22	9.367	3.00	15.400	2.81	21.43	1.13
3.350	1.22	9.383	3.00	15.417	2.81	21.45	1.13
3.367	1.22	9.400	3.00	15.433	2.81	21.47	1.13
3.383	1.22	9.417	3.00	15.450	2.81	21.48	1.13
3.400	1.22	9.433	3.00	15.467	2.81	21.50	1.13
3.417	1.22	9.450	3.00	15.483	2.81	21.52	1.13
3.433	1.22	9.467	3.00	15.500	2.81	21.53	1.13
3.450	1.22	9.483	3.00	15.517	2.81	21.55	1.13
3.467	1.22	9.500	3.00	15.533	2.81	21.57	1.13
3.483	1.22	9.517	3.00	15.550	2.81	21.58	1.13
3.500	1.22	9.533	3.00	15.567	2.81	21.60	1.13
3.517	1.22	9.550	3.00	15.583	2.81	21.62	1.13
3.533	1.22	9.567	3.00	15.600	2.81	21.63	1.13
3.550	1.22	9.583	3.00	15.617	2.81	21.65	1.13
3.567	1.22	9.600	3.38	15.633	2.81	21.67	1.13
3.583	1.22	9.617	3.38	15.650	2.81	21.68	1.13
3.600	1.22	9.633	3.38	15.667	2.81	21.70	1.13
3.617	1.22	9.650	3.38	15.683	2.81	21.72	1.13
3.633	1.22	9.667	3.38	15.700	2.81	21.73	1.13
3.650	1.22	9.683	3.38	15.717	2.81	21.75	1.13
3.667	1.22	9.700	3.38	15.733	2.81	21.77	1.13
3.683	1.22	9.717	3.38	15.750	2.81	21.78	1.13
3.700	1.22	9.733	3.38	15.767	2.81	21.80	1.13
3.717	1.22	9.750	3.38	15.783	2.81	21.82	1.13
3.733	1.22	9.767	3.38	15.800	2.81	21.83	1.13
3.750	1.22	9.783	3.38	15.817	2.81	21.85	1.13
3.767	1.22	9.800	3.38	15.833	2.81	21.87	1.13
3.783	1.22	9.817	3.38	15.850	2.81	21.88	1.13
3.800	1.22	9.833	3.38	15.867	2.81	21.90	1.13
3.817	1.22	9.850	3.38	15.883	2.81	21.92	1.13
3.833	1.22	9.867	3.38	15.900	2.81	21.93	1.13
3.850	1.22	9.883	3.38	15.917	2.81	21.95	1.13
3.867	1.22	9.900	3.38	15.933	2.81	21.97	1.13
3.883	1.22	9.917	3.38	15.950	2.81	21.98	1.13
3.900	1.22	9.933	3.38	15.967	2.81	22.00	1.13
3.917	1.22	9.950	3.38	15.983	2.81	22.02	1.13
3.933	1.22	9.967	3.38	16.000	2.81	22.03	1.13
3.950	1.22	9.983	3.38	16.017	2.81	22.05	1.13
3.967	1.22	10.000	3.38	16.033	2.81	22.07	1.13
3.983	1.22	10.017	3.38	16.050	2.81	22.08	1.13
4.000	1.22	10.033	3.38	16.067	2.81	22.10	1.13
4.017	1.22	10.050	3.38	16.083	2.81	22.12	1.13
4.033	1.22	10.067	3.38	16.100	1.69	22.13	1.13
4.050	1.22	10.083	3.38	16.117	1.69	22.15	1.13
4.067	1.22	10.100	4.32	16.133	1.69	22.17	1.13
4.083	1.22	10.117	4.32	16.150	1.69	22.18	1.13
4.100	1.50	10.133	4.32	16.167	1.69	22.20	1.13
4.117	1.50	10.150	4.32	16.183	1.69	22.22	1.13
4.133	1.50	10.167	4.32	16.200	1.69	22.23	1.13
4.150	1.50	10.183	4.32	16.217	1.69	22.25	1.13
4.167	1.50	10.200	4.32	16.233	1.69	22.27	1.13
4.183	1.50	10.217	4.32	16.250	1.69	22.28	1.13
4.200	1.50	10.233	4.32	16.267	1.69	22.30	1.13
4.217	1.50	10.250	4.32	16.283	1.69	22.32	1.13
4.233	1.50	10.267	4.32	16.300	1.69	22.33	1.13
4.250	1.50	10.283	4.32	16.317	1.69	22.35	1.13
4.267	1.50	10.300	4.32	16.333	1.69	22.37	1.13
4.283	1.50	10.317	4.32	16.350	1.69	22.38	1.13
4.300	1.50	10.333	4.32	16.367	1.69	22.40	1.13
4.317	1.50	10.350	4.32	16.383	1.69	22.42	1.13
4.333	1.50	10.367	4.32	16.400	1.69	22.43	1.13
4.350	1.50	10.383	4.32	16.417	1.69	22.45	1.13
4.367	1.50	10.400	4.32	16.433	1.69	22.47	1.13
4.383	1.50	10.417	4.32	16.450	1.69	22.48	1.13
4.400	1.50	10.433	4.32	16.467	1.69	22.50	1.13
4.417	1.50	10.450	4.32	16.483	1.69	22.52	1.13
4.433	1.50	10.467	4.32	16.500	1.69	22.53	1.13
4.450	1.50	10.483	4.32	16.517	1.69	22.55	1.13
4.467	1.50	10.500	4.32	16.533	1.69	22.57	1.13
4.483	1.50	10.517	4.32	16.550	1.69	22.58	1.13
4.500	1.50	10.533	4.32	16.567	1.69	22.60	1.13
4.517	1.50	10.550	4.32	16.583	1.69	22.62	1.13
4.533	1.50	10.567	4.32	16.600	1.69	22.63	1.13
4.550	1.50	10.583	4.32	16.617	1.69	22.65	1.13
4.567	1.50	10.600	5.82	16.633	1.69	22.67	1.13
4.583	1.50	10.617	5.82	16.650	1.69	22.68	1.13
4.600	1.50	10.633	5.82	16.667	1.69	22.70	1.13
4.617	1.50	10.650	5.82	16.683	1.69	22.72	1.13
4.633	1.50	10.667	5.82	16.700	1.69	22.73	1.13
4.650	1.50	10.683	5.82	16.717	1.69	22.75	1.13
4.667	1.50	10.700	5.82	16.733	1.69	22.77	1.13
4.683	1.50	10.717	5.82	16.750	1.69	22.78	1.13
4.700	1.50	10.733	5.82	16.767	1.69	22.80	1.13
4.717	1.50	10.750	5.82	16.783	1.69	22.82	1.13
4.733	1.50	10.767	5.82	16.800	1.69	22.83	1.13
4.750	1.50	10.783	5.82	16.817	1.69	22.85	1.13
4.767	1.50	10.800	5.82	16.833	1.69	22.87	1.13
4.783	1.50	10.817	5.82	16.850	1.69	22.88	1.13
4.800	1.50	10.833	5.82	16.867	1.69	22.90	1.13
4.817	1.50	10.850	5.82	16.883	1.69	22.92	1.13
4.833	1.50	10.867	5.82	16.900	1.69	22.93	1.13
4.850	1.50	10.883	5.82	16.917	1.69	22.95	1.13
4.867	1.50	10.900	5.82	16.933	1.69	22.97	1.13
4.883	1.50	10.917	5.82	16.950	1.69	22.98	1.13
4.900	1.50	10.933	5.82	16.967	1.69	23.00	1.13
4.917	1.50	10.950	5.82	16.983	1.69	23.02	1.13
4.933	1.50	10.967	5.82	17.000	1.69	23.03	1.13
4.950	1.50	10.983	5.82	17.017	1.69	23.05	1.13
4.967	1.50	11.000	5.82	17.033	1.69	23.07	1.13
4.983	1.50	11.017	5.82	17.050	1.69	23.08	1.13
5.000	1.50	11.033	5.82	17.067	1.69	23.10	1.13
5.017	1.50	11.050	5.82	17.083	1.69	23.12	1.13
5.033	1.50	11.067	5.82	17.100	1.69	23.13	1.13
5.050	1.50	11.083	5.82	17.117	1.69	23.15	1.13
5.067	1.50	11.100	9.01	17.133	1.69	23.17	1.13
5.083	1.50	11.117	9.01	17.150	1.69	23.18	1.13
5.100	1.50	11.133	9.01	17.167	1.69	23.20	1.13
5.117	1.50	11.150	9.01	17.183	1.69	23.22	1.13
5.133	1.50	11.167	9.01	17.200	1.69	23.23	1.13
5.150	1.50	11.183	9.01	17.217	1.69	23.25	1.13
5.167	1.50	11.200	9.01	17.233	1.69	23.27	1.13
5.183	1.50	11.217	9.01	17.250	1.69	23.28	1.13
5.200	1.50	11.233	9.01	17.267	1.69	23.30	1.13
5.217	1.50	11.250	9.01	17.283	1.69	23.32	1.13
5.233	1.50	11.267	9.01	17.300	1.69	23.33	1.13
5.250	1.50	11.283	9.01	17.317	1.69	23.35	1.13
5.267	1.50	11.300	9.01	17.333	1.69	23.37	1.13
5.283	1.50	11.317	9.01	17.350	1.69	23.38	1.13
5.300	1.50	11.333	9.01	17.367	1.69	23.40	1.13
5.317	1.50	11.350	9.01	17.383	1.69	23.42	1.13
5.333	1.50	11.367	9.01	17.400	1.69	23.43	1.13
5.350	1.50	11.383	9.01	17.417	1.69	23.45	1.13
5.367	1.50	11.400	9.01	17.433	1.69	23.47	1.13
5.383	1.50	11.417	9.01	17.450	1.69	23.48	1.13
5.400	1.50	11.433	9.01	17.467	1.69	23.50	1.13
5.417	1.50	11.450	9.01	17.483	1.69	23.52	1.13
5.433	1.50	11.467	9.01	17.500	1.69	23.53	1.13
5.450	1.50	11.483	9.01	17.517	1.69	23.55	1.13
5.467	1.50	11.500	9.01	17.533	1.69	23.57	1.13
5.483	1.50	11.517	9.01	17.550	1.69	23.58	1.13
5.500	1.50	11.533	9.01	17.567	1.69	23.60	1.13
5.517	1.50	11.550	9.01	17.583	1.69	23.62	1.13
5.533	1.50	11.567	9.01	17.600	1.69	23.63	1.13
5.550	1.50	11.583	9.01	17.617	1.69	23.65	1.13
5.567	1.50	11.600	27.76	17.633	1.69	23.67	1.13
5.583	1.50	11.617	27.77	17.650	1.69	23.68	1.13
5.600	1.50	11.633	27.77	17.667	1.69	23.70	1.13
5.617	1.50	11.650	27.77	17.683	1.69	23.72	1.13
5.633	1.50	11.667	27.77	17.700	1.69	23.73	1.13
5.650	1.50	11.683	27.77	17.717	1.69	23.75	1.13
5.667	1.50	11.700	27.77	17.733	1.69	23.77	1.13
5.683	1.50	11.717	27.77	17.750	1.69	23.78	1.13
5.700	1.50	11.733	27.77	17.767	1.69	23.80	1.13
5.717	1.50	11.750	27.77	17.783	1.69	23.82	1.13
5.733	1.50	11.767	27.77	17.800	1.69	23.83	1.13
5.750	1.50	11.783	27.77	17.817	1.69	23.85	1.13
5.767	1.50	11.800	27.77	17.833	1.69	23.87	1.13
5.783	1.50	11.817	27.77	17.850	1.69	23.88	1.13
5.800	1.50	11.833	27.77	17.867	1.69	23.90	1.13
5.817	1.50	11.850	114.78	17.883	1.69	23.92	1.13
5.833	1.50	11.867	114.84	17.900	1.69	23.93	1.13
5.850	1.50	11.883	114.84	17.917	1.69	23.95	1.13
5.867	1.50	11.900	114.84	17.933	1.69	23.97	1.13
5.883	1.50	11.917	114.84	17.950	1.69	23.98	1.13
5.900	1.50	11.933	114.83	17.967	1.69	24.00	1.13
5.917	1.50	11.950	114.84	17.983	1.69	24.02	1.13
5.933	1.50	11.967	114.84	18.000	1.69	24.03	1.13
5.950	1.50	11.983	114.84	18.017	1.69	24.05	1.13
5.967	1.50	12.000	114.84	18.033	1.69	24.07	1.13
5.983	1.50	12.017	114.83	18.050	1.69	24.08	1.13
6.000	1.50	12.033	114.84	18.067	1.69		
6.017	1.50	12.050	114.84	18.083	1.69		
6.033	1.50	12.067	114.84	18.100	1.69		

Max.Eff.Inten.(mm/hr)=	114.84	140.41	
over (min)	5.00	11.00	
Storage Coeff. (min)=	1.59 (ii)	10.06 (ii)	
Unit Hyd. Tpeak (min)=	5.00	11.00	
Unit Hyd. peak (cms)=	0.41	0.11	
			TOTALS
PEAK FLOW (cms)=	0.08	0.12	0.188 (iii)
TIME TO PEAK (hrs)=	12.08	12.15	12.10
RUNOFF VOLUME (mm)=	92.82	60.53	68.92
TOTAL RAINFALL (mm)=	93.82	93.82	93.82
RUNOFF COEFFICIENT =	0.99	0.65	0.73

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 79.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

25-yr 24hr SCS Type II

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| CALIB            |
| NASHYD   (  0103)|   Area     (ha)=   1.47   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
--------------------   U.H. Tp(hrs)=   0.19

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.
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---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.50	12.100	64.03	18.13	1.69
0.067	0.00	6.100	1.59	12.133	13.51	18.17	1.69
0.100	0.52	6.133	1.69	12.167	13.51	18.20	1.69
0.133	1.03	6.167	1.69	12.200	13.51	18.23	1.69
0.167	1.03	6.200	1.69	12.233	13.51	18.27	1.69
0.200	1.03	6.233	1.69	12.267	13.51	18.30	1.69
0.233	1.03	6.267	1.69	12.300	13.51	18.33	1.69
0.267	1.03	6.300	1.69	12.333	13.51	18.37	1.69
0.300	1.03	6.333	1.69	12.367	13.51	18.40	1.69
0.333	1.03	6.367	1.69	12.400	13.51	18.43	1.69
0.367	1.03	6.400	1.69	12.433	13.51	18.47	1.69
0.400	1.03	6.433	1.69	12.467	13.51	18.50	1.69
0.433	1.03	6.467	1.69	12.500	13.51	18.53	1.69
0.467	1.03	6.500	1.69	12.533	13.51	18.57	1.69
0.500	1.03	6.533	1.69	12.567	13.51	18.60	1.69
0.533	1.03	6.567	1.69	12.600	10.22	18.63	1.69
0.567	1.03	6.600	1.69	12.633	6.94	18.67	1.69
0.600	1.03	6.633	1.69	12.667	6.94	18.70	1.69
0.633	1.03	6.667	1.69	12.700	6.94	18.73	1.69
0.667	1.03	6.700	1.69	12.733	6.94	18.77	1.69
0.700	1.03	6.733	1.69	12.767	6.94	18.80	1.69
0.733	1.03	6.767	1.69	12.800	6.94	18.83	1.69
0.767	1.03	6.800	1.69	12.833	6.94	18.87	1.69
0.800	1.03	6.833	1.69	12.867	6.94	18.90	1.69
0.833	1.03	6.867	1.69	12.900	6.94	18.93	1.69
0.867	1.03	6.900	1.69	12.933	6.94	18.97	1.69
0.900	1.03	6.933	1.69	12.967	6.94	19.00	1.69
0.933	1.03	6.967	1.69	13.000	6.94	19.03	1.69
0.967	1.03	7.000	1.69	13.033	6.94	19.07	1.69
1.000	1.03	7.033	1.69	13.067	6.94	19.10	1.69
1.033	1.03	7.067	1.69	13.100	6.00	19.13	1.69
1.067	1.03	7.100	1.88	13.133	5.07	19.17	1.69
1.100	1.03	7.133	2.06	13.167	5.07	19.20	1.69
1.133	1.03	7.167	2.06	13.200	5.07	19.23	1.69
1.167	1.03	7.200	2.06	13.233	5.07	19.27	1.69
1.200	1.03	7.233	2.06	13.267	5.07	19.30	1.69
1.233	1.03	7.267	2.06	13.300	5.07	19.33	1.69
1.267	1.03	7.300	2.06	13.333	5.07	19.37	1.69
1.300	1.03	7.333	2.06	13.367	5.07	19.40	1.69
1.333	1.03	7.367	2.06	13.400	5.07	19.43	1.69
1.367	1.03	7.400	2.06	13.433	5.07	19.47	1.69
1.400	1.03	7.433	2.06	13.467	5.07	19.50	1.69
1.433	1.03	7.467	2.06	13.500	5.07	19.53	1.69
1.467	1.03	7.500	2.06	13.533	5.07	19.57	1.69
1.500	1.03	7.533	2.06	13.567	5.07	19.60	1.69
1.533	1.03	7.567	2.06	13.600	4.50	19.63	1.69
1.567	1.03	7.600	2.06	13.633	3.94	19.67	1.69
1.600	1.03	7.633	2.06	13.667	3.94	19.70	1.69
1.633	1.03	7.667	2.06	13.700	3.94	19.73	1.69
1.667	1.03	7.700	2.06	13.733	3.94	19.77	1.69
1.700	1.03	7.733	2.06	13.767	3.94	19.80	1.69
1.733	1.03	7.767	2.06	13.800	3.94	19.83	1.69
1.767	1.03	7.800	2.06	13.833	3.94	19.87	1.69
1.800	1.03	7.833	2.06	13.867	3.94	19.90	1.69
1.833	1.03	7.867	2.06	13.900	3.94	19.93	1.69
1.867	1.03	7.900	2.06	13.933	3.94	19.97	1.69
1.900	1.03	7.933	2.06	13.967	3.94	20.00	1.69
1.933	1.03	7.967	2.06	14.000	3.94	20.03	1.69
1.967	1.03	8.000	2.06	14.033	3.94	20.07	1.69
2.000	1.03	8.033	2.06	14.067	3.94	20.10	1.41
2.033	1.03	8.067	2.06	14.100	3.38	20.13	1.13
2.067	1.03	8.100	2.25	14.133	2.81	20.17	1.13
2.100	1.13	8.133	2.44	14.167	2.81	20.20	1.13
2.133	1.22	8.167	2.44	14.200	2.81	20.23	1.13
2.167	1.22	8.200	2.44	14.233	2.81	20.27	1.13
2.200	1.22	8.233	2.44	14.267	2.81	20.30	1.13
2.233	1.22	8.267	2.44	14.300	2.81	20.33	1.13
2.267	1.22	8.300	2.44	14.333	2.81	20.37	1.13
2.300	1.22	8.333	2.44	14.367	2.81	20.40	1.13
2.333	1.22	8.367	2.44	14.400	2.81	20.43	1.13
2.367	1.22	8.400	2.44	14.433	2.81	20.47	1.13
2.400	1.22	8.433	2.44	14.467	2.81	20.50	1.13
2.433	1.22	8.467	2.44	14.500	2.81	20.53	1.13
2.467	1.22	8.500	2.44	14.533	2.81	20.57	1.13
2.500	1.22	8.533	2.44	14.567	2.81	20.60	1.13
2.533	1.22	8.567	2.44	14.600	2.81	20.63	1.13
2.567	1.22	8.600	2.53	14.633	2.81	20.67	1.13
2.600	1.22	8.633	2.63	14.667	2.81	20.70	1.13
2.633	1.22	8.667	2.63	14.700	2.81	20.73	1.13
2.667	1.22	8.700	2.63	14.733	2.81	20.77	1.13
2.700	1.22	8.733	2.63	14.767	2.81	20.80	1.13
2.733	1.22	8.767	2.63	14.800	2.81	20.83	1.13
2.767	1.22	8.800	2.63	14.833	2.81	20.87	1.13
2.800	1.22	8.833	2.63	14.867	2.81	20.90	1.13
2.833	1.22	8.867	2.63	14.900	2.81	20.93	1.13
2.867	1.22	8.900	2.63	14.933	2.81	20.97	1.13
2.900	1.22	8.933	2.63	14.967	2.81	21.00	1.13
2.933	1.22	8.967	2.63	15.000	2.81	21.03	1.13
2.967	1.22	9.000	2.63	15.033	2.81	21.07	1.13
3.000	1.22	9.033	2.63	15.067	2.81	21.10	1.13
3.033	1.22	9.067	2.63	15.100	2.81	21.13	1.13
3.067	1.22	9.100	2.81	15.133	2.81	21.17	1.13
3.100	1.22	9.133	3.00	15.167	2.81	21.20	1.13
3.133	1.22	9.167	3.00	15.200	2.81	21.23	1.13
3.167	1.22	9.200	3.00	15.233	2.81	21.27	1.13
3.200	1.22	9.233	3.00	15.267	2.81	21.30	1.13
3.233	1.22	9.267	3.00	15.300	2.81	21.33	1.13
3.267	1.22	9.300	3.00	15.333	2.81	21.37	1.13
3.300	1.22	9.333	3.00	15.367	2.81	21.40	1.13
3.333	1.22	9.367	3.00	15.400	2.81	21.43	1.13
3.367	1.22	9.400	3.00	15.433	2.81	21.47	1.13
3.400	1.22	9.433	3.00	15.467	2.81	21.50	1.13
3.433	1.22	9.467	3.00	15.500	2.81	21.53	1.13
3.467	1.22	9.500	3.00	15.533	2.81	21.57	1.13
3.500	1.22	9.533	3.00	15.567	2.81	21.60	1.13
3.533	1.22	9.567	3.00	15.600	2.81	21.63	1.13
3.567	1.22	9.600	3.19	15.633	2.81	21.67	1.13
3.600	1.22	9.633	3.38	15.667	2.81	21.70	1.13
3.633	1.22	9.667	3.38	15.700	2.81	21.73	1.13
3.667	1.22	9.700	3.38	15.733	2.81	21.77	1.13
3.700	1.22	9.733	3.38	15.767	2.81	21.80	1.13
3.733	1.22	9.767	3.38	15.800	2.81	21.83	1.13
3.767	1.22	9.800	3.38	15.833	2.81	21.87	1.13
3.800	1.22	9.833	3.38	15.867	2.81	21.90	1.13
3.833	1.22	9.867	3.38	15.900	2.81	21.93	1.13
3.867	1.22	9.900	3.38	15.933	2.81	21.97	1.13
3.900	1.22	9.933	3.38	15.967	2.81	22.00	1.13
3.933	1.22	9.967	3.38	16.000	2.81	22.03	1.13
3.967	1.22	10.000	3.38	16.033	2.81	22.07	1.13
4.000	1.22	10.033	3.38	16.067	2.81	22.10	1.13
4.033	1.22	10.067	3.38	16.100	2.25	22.13	1.13
4.067	1.22	10.100	3.85	16.133	1.69	22.17	1.13
4.100	1.36	10.133	4.32	16.167	1.69	22.20	1.13
4.133	1.50	10.167	4.32	16.200	1.69	22.23	1.13
4.167	1.50	10.200	4.32	16.233	1.69	22.27	1.13
4.200	1.50	10.233	4.32	16.267	1.69	22.30	1.13
4.233	1.50	10.267	4.32	16.300	1.69	22.33	1.13
4.267	1.50	10.300	4.32	16.333	1.69	22.37	1.13
4.300	1.50	10.333	4.32	16.367	1.69	22.40	1.13
4.333	1.50	10.367	4.32	16.400	1.69	22.43	1.13
4.367	1.50	10.400	4.32	16.433	1.69	22.47	1.13
4.400	1.50	10.433	4.32	16.467	1.69	22.50	1.13
4.433	1.50	10.467	4.32	16.500	1.69	22.53	1.13
4.467	1.50	10.500	4.32	16.533	1.69	22.57	1.13
4.500	1.50	10.533	4.32	16.567	1.69	22.60	1.13
4.533	1.50	10.567	4.32	16.600	1.69	22.63	1.13
4.567	1.50	10.600	5.07	16.633	1.69	22.67	1.13
4.600	1.50	10.633	5.82	16.667	1.69	22.70	1.13
4.633	1.50	10.667	5.82	16.700	1.69	22.73	1.13
4.667	1.50	10.700	5.82	16.733	1.69	22.77	1.13
4.700	1.50	10.733	5.82	16.767	1.69	22.80	1.13
4.733	1.50	10.767	5.82	16.800	1.69	22.83	1.13
4.767	1.50	10.800	5.82	16.833	1.69	22.87	1.13
4.800	1.50	10.833	5.82	16.867	1.69	22.90	1.13
4.833	1.50	10.867	5.82	16.900	1.69	22.93	1.13
4.867	1.50	10.900	5.82	16.933	1.69	22.97	1.13
4.900	1.50	10.933	5.82	16.967	1.69	23.00	1.13
4.933	1.50	10.967	5.82	17.000	1.69	23.03	1.13
4.967	1.50	11.000	5.82	17.033	1.69	23.07	1.13
5.000	1.50	11.033	5.82	17.067	1.69	23.10	1.13
5.033	1.50	11.067	5.82	17.100	1.69	23.13	1.13
5.067	1.50	11.100	7.42	17.133	1.69	23.17	1.13
5.100	1.50	11.133	9.01	17.167	1.69	23.20	1.13
5.133	1.50	11.167	9.01	17.200	1.69	23.23	1.13
5.167	1.50	11.200	9.01	17.233	1.69	23.27	1.13
5.200	1.50	11.233	9.01	17.267	1.69	23.30	1.13
5.233	1.50	11.267	9.01	17.300	1.69	23.33	1.13
5.267	1.50	11.300	9.01	17.333	1.69	23.37	1.13
5.300	1.50	11.333	9.01	17.367	1.69	23.40	1.13
5.333	1.50	11.367	9.01	17.400	1.69	23.43	1.13
5.367	1.50	11.400	9.01	17.433	1.69	23.47	1.13
5.400	1.50	11.433	9.01	17.467	1.69	23.50	1.13
5.433	1.50	11.467	9.01	17.500	1.69	23.53	1.13
5.467	1.50	11.500	9.01	17.533	1.69	23.57	1.13
5.500	1.50	11.533	9.01	17.567	1.69	23.60	1.13
5.533	1.50	11.567	9.01	17.600	1.69	23.63	1.13
5.567	1.50	11.600	18.41	17.633	1.69	23.67	1.13
5.600	1.50	11.633	27.77	17.667	1.69	23.70	1.13
5.633	1.50	11.667	27.77	17.700	1.69	23.73	1.13
5.667	1.50	11.700	27.77	17.733	1.69	23.77	1.13
5.700	1.50	11.733	27.77	17.767	1.69	23.80	1.13
5.733	1.50	11.767	27.77	17.800	1.69	23.83	1.13
5.767	1.50	11.800	27.77	17.833	1.69	23.87	1.13
5.800	1.50	11.833	27.89	17.867	1.69	23.90	1.13
5.833	1.50	11.867	114.84	17.900	1.69	23.93	1.13
5.867	1.50	11.900	114.84	17.933	1.69	23.97	1.13
5.900	1.50	11.933	114.84	17.967	1.69	24.00	1.13
5.933	1.50	11.967	114.84	18.000	1.69	24.03	1.13
5.967	1.50	12.000	114.84	18.033	1.69	24.07	1.13
6.000	1.50	12.033	114.84	18.067	1.69	24.10	0.56
6.033	1.50	12.067	114.84	18.100	1.69		

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    Unit Hyd Qpeak  (cms)=   0.296

    PEAK FLOW       (cms)=   0.194 (i)
    TIME TO PEAK    (hrs)=  12.167
    RUNOFF VOLUME    (mm)=  49.037
    TOTAL RAINFALL   (mm)=  93.820
    RUNOFF COEFFICIENT   =   0.523

    (i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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| CALIB            |
| NASHYD   (  0101)|   Area     (ha)=   3.15   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
--------------------   U.H. Tp(hrs)=   0.23

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.
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---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.50	12.100	64.03	18.13	1.69
0.067	0.00	6.100	1.59	12.133	13.51	18.17	1.69
0.100	0.52	6.133	1.69	12.167	13.51	18.20	1.69
0.133	1.03	6.167	1.69	12.200	13.51	18.23	1.69
0.167	1.03	6.200	1.69	12.233	13.51	18.27	1.69
0.200	1.03	6.233	1.69	12.267	13.51	18.30	1.69
0.233	1.03	6.267	1.69	12.300	13.51	18.33	1.69
0.267	1.03	6.300	1.69	12.333	13.51	18.37	1.69
0.300	1.03	6.333	1.69	12.367	13.51	18.40	1.69
0.333	1.03	6.367	1.69	12.400	13.51	18.43	1.69
0.367	1.03	6.400	1.69	12.433	13.51	18.47	1.69
0.400	1.03	6.433	1.69	12.467	13.51	18.50	1.69
0.433	1.03	6.467	1.69	12.500	13.51	18.53	1.69
0.467	1.03	6.500	1.69	12.533	13.51	18.57	1.69
0.500	1.03	6.533	1.69	12.567	13.51	18.60	1.69
0.533	1.03	6.567	1.69	12.600	10.22	18.63	1.69
0.567	1.03	6.600	1.69	12.633	6.94	18.67	1.69
0.600	1.03	6.633	1.69	12.667	6.94	18.70	1.69
0.633	1.03	6.667	1.69	12.700	6.94	18.73	1.69
0.667	1.03	6.700	1.69	12.733	6.94	18.77	1.69
0.700	1.03	6.733	1.69	12.767	6.94	18.80	1.69
0.733	1.03	6.767	1.69	12.800	6.94	18.83	1.69
0.767	1.03	6.800	1.69	12.833	6.94	18.87	1.69
0.800	1.03	6.833	1.69	12.867	6.94	18.90	1.69
0.833	1.03	6.867	1.69	12.900	6.94	18.93	1.69
0.867	1.03	6.900	1.69	12.933	6.94	18.97	1.69
0.900	1.03	6.933	1.69	12.967	6.94	19.00	1.69
0.933	1.03	6.967	1.69	13.000	6.94	19.03	1.69
0.967	1.03	7.000	1.69	13.033	6.94	19.07	1.69
1.000	1.03	7.033	1.69	13.067	6.94	19.10	1.69
1.033	1.03	7.067	1.69	13.100	6.00	19.13	1.69
1.067	1.03	7.100	1.88	13.133	5.07	19.17	1.69
1.100	1.03	7.133	2.06	13.167	5.07	19.20	1.69
1.133	1.03	7.167	2.06	13.200	5.07	19.23	1.69
1.167	1.03	7.200	2.06	13.233	5.07	19.27	1.69
1.200	1.03	7.233	2.06	13.267	5.07	19.30	1.69
1.233	1.03	7.267	2.06	13.300	5.07	19.33	1.69
1.267	1.03	7.300	2.06	13.333	5.07	19.37	1.69
1.300	1.03	7.333	2.06	13.367	5.07	19.40	1.69
1.333	1.03	7.367	2.06	13.400	5.07	19.43	1.69
1.367	1.03	7.400	2.06	13.433	5.07	19.47	1.69
1.400	1.03	7.433	2.06	13.467	5.07	19.50	1.69
1.433	1.03	7.467	2.06	13.500	5.07	19.53	1.69
1.467	1.03	7.500	2.06	13.533	5.07	19.57	1.69
1.500	1.03	7.533	2.06	13.567	5.07	19.60	1.69
1.533	1.03	7.567	2.06	13.600	4.50	19.63	1.69
1.567	1.03	7.600	2.06	13.633	3.94	19.67	1.69
1.600	1.03	7.633	2.06	13.667	3.94	19.70	1.69
1.633	1.03	7.667	2.06	13.700	3.94	19.73	1.69
1.667	1.03	7.700	2.06	13.733	3.94	19.77	1.69
1.700	1.03	7.733	2.06	13.767	3.94	19.80	1.69
1.733	1.03	7.767	2.06	13.800	3.94	19.83	1.69
1.767	1.03	7.800	2.06	13.833	3.94	19.87	1.69
1.800	1.03	7.833	2.06	13.867	3.94	19.90	1.69
1.833	1.03	7.867	2.06	13.900	3.94	19.93	1.69
1.867	1.03	7.900	2.06	13.933	3.94	19.97	1.69
1.900	1.03	7.933	2.06	13.967	3.94	20.00	1.69
1.933	1.03	7.967	2.06	14.000	3.94	20.03	1.69
1.967	1.03	8.000	2.06	14.033	3.94	20.07	1.69
2.000	1.03	8.033	2.06	14.067	3.94	20.10	1.41
2.033	1.03	8.067	2.06	14.100	3.38	20.13	1.13
2.067	1.03	8.100	2.25	14.133	2.81	20.17	1.13
2.100	1.13	8.133	2.44	14.167	2.81	20.20	1.13
2.133	1.22	8.167	2.44	14.200	2.81	20.23	1.13
2.167	1.22	8.200	2.44	14.233	2.81	20.27	1.13
2.200	1.22	8.233	2.44	14.267	2.81	20.30	1.13
2.233	1.22	8.267	2.44	14.300	2.81	20.33	1.13
2.267	1.22	8.300	2.44	14.333	2.81	20.37	1.13
2.300	1.22	8.333	2.44	14.367	2.81	20.40	1.13

25-yr 24hr SCS Type II

2.333	1.22	8.367	2.44	14.400	2.81	20.43	1.13
2.367	1.22	8.400	2.44	14.433	2.81	20.47	1.13
2.400	1.22	8.433	2.44	14.467	2.81	20.50	1.13
2.433	1.22	8.467	2.44	14.500	2.81	20.53	1.13
2.467	1.22	8.500	2.44	14.533	2.81	20.57	1.13
2.500	1.22	8.533	2.44	14.567	2.81	20.60	1.13
2.533	1.22	8.567	2.44	14.600	2.81	20.63	1.13
2.567	1.22	8.600	2.53	14.633	2.81	20.67	1.13
2.600	1.22	8.633	2.63	14.667	2.81	20.70	1.13
2.633	1.22	8.667	2.63	14.700	2.81	20.73	1.13
2.667	1.22	8.700	2.63	14.733	2.81	20.77	1.13
2.700	1.22	8.733	2.63	14.767	2.81	20.80	1.13
2.733	1.22	8.767	2.63	14.800	2.81	20.83	1.13
2.767	1.22	8.800	2.63	14.833	2.81	20.87	1.13
2.800	1.22	8.833	2.63	14.867	2.81	20.90	1.13
2.833	1.22	8.867	2.63	14.900	2.81	20.93	1.13
2.867	1.22	8.900	2.63	14.933	2.81	20.97	1.13
2.900	1.22	8.933	2.63	14.967	2.81	21.00	1.13
2.933	1.22	8.967	2.63	15.000	2.81	21.03	1.13
2.967	1.22	9.000	2.63	15.033	2.81	21.07	1.13
3.000	1.22	9.033	2.63	15.067	2.81	21.10	1.13
3.033	1.22	9.067	2.63	15.100	2.81	21.13	1.13
3.067	1.22	9.100	2.81	15.133	2.81	21.17	1.13
3.100	1.22	9.133	3.00	15.167	2.81	21.20	1.13
3.133	1.22	9.167	3.00	15.200	2.81	21.23	1.13
3.167	1.22	9.200	3.00	15.233	2.81	21.27	1.13
3.200	1.22	9.233	3.00	15.267	2.81	21.30	1.13
3.233	1.22	9.267	3.00	15.300	2.81	21.33	1.13
3.267	1.22	9.300	3.00	15.333	2.81	21.37	1.13
3.300	1.22	9.333	3.00	15.367	2.81	21.40	1.13
3.333	1.22	9.367	3.00	15.400	2.81	21.43	1.13
3.367	1.22	9.400	3.00	15.433	2.81	21.47	1.13
3.400	1.22	9.433	3.00	15.467	2.81	21.50	1.13
3.433	1.22	9.467	3.00	15.500	2.81	21.53	1.13
3.467	1.22	9.500	3.00	15.533	2.81	21.57	1.13
3.500	1.22	9.533	3.00	15.567	2.81	21.60	1.13
3.533	1.22	9.567	3.00	15.600	2.81	21.63	1.13
3.567	1.22	9.600	3.19	15.633	2.81	21.67	1.13
3.600	1.22	9.633	3.38	15.667	2.81	21.70	1.13
3.633	1.22	9.667	3.38	15.700	2.81	21.73	1.13
3.667	1.22	9.700	3.38	15.733	2.81	21.77	1.13
3.700	1.22	9.733	3.38	15.767	2.81	21.80	1.13
3.733	1.22	9.767	3.38	15.800	2.81	21.83	1.13
3.767	1.22	9.800	3.38	15.833	2.81	21.87	1.13
3.800	1.22	9.833	3.38	15.867	2.81	21.90	1.13
3.833	1.22	9.867	3.38	15.900	2.81	21.93	1.13
3.867	1.22	9.900	3.38	15.933	2.81	21.97	1.13
3.900	1.22	9.933	3.38	15.967	2.81	22.00	1.13
3.933	1.22	9.967	3.38	16.000	2.81	22.03	1.13
3.967	1.22	10.000	3.38	16.033	2.81	22.07	1.13
4.000	1.22	10.033	3.38	16.067	2.81	22.10	1.13
4.033	1.22	10.067	3.38	16.100	2.25	22.13	1.13
4.067	1.22	10.100	3.85	16.133	1.69	22.17	1.13
4.100	1.36	10.133	4.32	16.167	1.69	22.20	1.13
4.133	1.50	10.167	4.32	16.200	1.69	22.23	1.13
4.167	1.50	10.200	4.32	16.233	1.69	22.27	1.13
4.200	1.50	10.233	4.32	16.267	1.69	22.30	1.13
4.233	1.50	10.267	4.32	16.300	1.69	22.33	1.13
4.267	1.50	10.300	4.32	16.333	1.69	22.37	1.13
4.300	1.50	10.333	4.32	16.367	1.69	22.40	1.13
4.333	1.50	10.367	4.32	16.400	1.69	22.43	1.13
4.367	1.50	10.400	4.32	16.433	1.69	22.47	1.13
4.400	1.50	10.433	4.32	16.467	1.69	22.50	1.13
4.433	1.50	10.467	4.32	16.500	1.69	22.53	1.13
4.467	1.50	10.500	4.32	16.533	1.69	22.57	1.13
4.500	1.50	10.533	4.32	16.567	1.69	22.60	1.13
4.533	1.50	10.567	4.32	16.600	1.69	22.63	1.13
4.567	1.50	10.600	5.07	16.633	1.69	22.67	1.13
4.600	1.50	10.633	5.82	16.667	1.69	22.70	1.13
4.633	1.50	10.667	5.82	16.700	1.69	22.73	1.13
4.667	1.50	10.700	5.82	16.733	1.69	22.77	1.13
4.700	1.50	10.733	5.82	16.767	1.69	22.80	1.13
4.733	1.50	10.767	5.82	16.800	1.69	22.83	1.13
4.767	1.50	10.800	5.82	16.833	1.69	22.87	1.13
4.800	1.50	10.833	5.82	16.867	1.69	22.90	1.13
4.833	1.50	10.867	5.82	16.900	1.69	22.93	1.13
4.867	1.50	10.900	5.82	16.933	1.69	22.97	1.13
4.900	1.50	10.933	5.82	16.967	1.69	23.00	1.13
4.933	1.50	10.967	5.82	17.000	1.69	23.03	1.13
4.967	1.50	11.000	5.82	17.033	1.69	23.07	1.13
5.000	1.50	11.033	5.82	17.067	1.69	23.10	1.13
5.033	1.50	11.067	5.82	17.100	1.69	23.13	1.13
5.067	1.50	11.100	7.42	17.133	1.69	23.17	1.13
5.100	1.50	11.133	9.01	17.167	1.69	23.20	1.13
5.133	1.50	11.167	9.01	17.200	1.69	23.23	1.13
5.167	1.50	11.200	9.01	17.233	1.69	23.27	1.13
5.200	1.50	11.233	9.01	17.267	1.69	23.30	1.13
5.233	1.50	11.267	9.01	17.300	1.69	23.33	1.13
5.267	1.50	11.300	9.01	17.333	1.69	23.37	1.13
5.300	1.50	11.333	9.01	17.367	1.69	23.40	1.13
5.333	1.50	11.367	9.01	17.400	1.69	23.43	1.13
5.367	1.50	11.400	9.01	17.433	1.69	23.47	1.13
5.400	1.50	11.433	9.01	17.467	1.69	23.50	1.13
5.433	1.50	11.467	9.01	17.500	1.69	23.53	1.13
5.467	1.50	11.500	9.01	17.533	1.69	23.57	1.13
5.500	1.50	11.533	9.01	17.567	1.69	23.60	1.13
5.533	1.50	11.567	9.01	17.600	1.69	23.63	1.13
5.567	1.50	11.600	18.41	17.633	1.69	23.67	1.13
5.600	1.50	11.633	27.77	17.667	1.69	23.70	1.13
5.633	1.50	11.667	27.77	17.700	1.69	23.73	1.13
5.667	1.50	11.700	27.77	17.733	1.69	23.77	1.13
5.700	1.50	11.733	27.77	17.767	1.69	23.80	1.13
5.733	1.50	11.767	27.77	17.800	1.69	23.83	1.13
5.767	1.50	11.800	27.77	17.833	1.69	23.87	1.13
5.800	1.50	11.833	27.89	17.867	1.69	23.90	1.13
5.833	1.50	11.867	114.84	17.900	1.69	23.93	1.13
5.867	1.50	11.900	114.84	17.933	1.69	23.97	1.13
5.900	1.50	11.933	114.84	17.967	1.69	24.00	1.13
5.933	1.50	11.967	114.84	18.000	1.69	24.03	1.13
5.967	1.50	12.000	114.84	18.033	1.69	24.07	1.13
6.000	1.50	12.033	114.84	18.067	1.69	24.10	0.56
6.033	1.50	12.067	114.84	18.100	1.69		

Unit Hyd Qpeak (cms)= 0.523

PEAK FLOW (cms)= 0.368 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 49.039
TOTAL RAINFALL (mm)= 93.820
RUNOFF COEFFICIENT = 0.523

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0009)		AREA	QPEAK	TPEAK	R.V.
1 + 2 = 3		(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0101):		3.15	0.368	12.20	49.04
+ ID2= 2 (0103):		1.47	0.194	12.17	49.04
ID = 3 (0009):		4.62	0.559	12.20	49.04

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

50-yr 24hr SCS Type II

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      V    V   I    SSSSS  U   U    A    L              (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
        V V    I      SS   U   U  A   A  L
         VV    I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M M M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                  *****  D E T A I L E D   O U T P U T *****

  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\eelfe3a4-48f5-416c-bec2-
dedeb8d38cf6\907b8138-3380-4c8c-b46d-0a2642283bfe\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\eelfe3a4-48f5-416c-bec2-
dedeb8d38cf6\907b8138-3380-4c8c-b46d-0a2642283bfe\scen

DATE: 11/01/2023                          TIME: 03:23:15

USER:


COMMENTS: _____

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  ************************************************
  ** SIMULATION : 050yr 24hr 5min SCS Type II ( **
  ************************************************

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|    READ STORM    |    Filename: C:\Users\SAhonen\AppD
|                  |              ata\Local\Temp\
|                  |              6d5b05fb-1890-4746-b627-d3f77a0d2847\ea6a076f
| Ptotal=103.60 mm |    Comments: 50yr 24hr 5min SCS Type II (MTO)
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```

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.00	0.00	6.08	1.86	12.17	14.92	18.25	1.86
0.08	1.14	6.17	1.86	12.25	14.92	18.33	1.86
0.17	1.14	6.25	1.86	12.33	14.92	18.42	1.86
0.25	1.14	6.33	1.86	12.42	14.92	18.50	1.86
0.33	1.14	6.42	1.86	12.50	14.92	18.58	1.86
0.42	1.14	6.50	1.86	12.58	7.67	18.67	1.86
0.50	1.14	6.58	1.86	12.67	7.67	18.75	1.86
0.58	1.14	6.67	1.86	12.75	7.67	18.83	1.86
0.67	1.14	6.75	1.86	12.83	7.67	18.92	1.86
0.75	1.14	6.83	1.86	12.92	7.67	19.00	1.86
0.83	1.14	6.92	1.86	13.00	7.67	19.08	1.86
0.92	1.14	7.00	1.86	13.08	5.59	19.17	1.86
1.00	1.14	7.08	2.28	13.17	5.59	19.25	1.86
1.08	1.14	7.17	2.28	13.25	5.59	19.33	1.86
1.17	1.14	7.25	2.28	13.33	5.59	19.42	1.86
1.25	1.14	7.33	2.28	13.42	5.59	19.50	1.86
1.33	1.14	7.42	2.28	13.50	5.59	19.58	1.86
1.42	1.14	7.50	2.28	13.58	4.35	19.67	1.86
1.50	1.14	7.58	2.28	13.67	4.35	19.75	1.86
1.58	1.14	7.67	2.28	13.75	4.35	19.83	1.86
1.67	1.14	7.75	2.28	13.83	4.35	19.92	1.86
1.75	1.14	7.83	2.28	13.92	4.35	20.00	1.86
1.83	1.14	7.92	2.28	14.00	4.35	20.08	1.24
1.92	1.14	8.00	2.28	14.08	3.11	20.17	1.24
2.00	1.14	8.08	2.69	14.17	3.11	20.25	1.24
2.08	1.35	8.17	2.69	14.25	3.11	20.33	1.24
2.17	1.35	8.25	2.69	14.33	3.11	20.42	1.24
2.25	1.35	8.33	2.69	14.42	3.11	20.50	1.24
2.33	1.35	8.42	2.69	14.50	3.11	20.58	1.24
2.42	1.35	8.50	2.69	14.58	3.11	20.67	1.24
2.50	1.35	8.58	2.90	14.67	3.11	20.75	1.24
2.58	1.35	8.67	2.90	14.75	3.11	20.83	1.24
2.67	1.35	8.75	2.90	14.83	3.11	20.92	1.24
2.75	1.35	8.83	2.90	14.92	3.11	21.00	1.24
2.83	1.35	8.92	2.90	15.00	3.11	21.08	1.24
2.92	1.35	9.00	2.90	15.08	3.11	21.17	1.24
3.00	1.35	9.08	3.32	15.17	3.11	21.25	1.24
3.08	1.35	9.17	3.32	15.25	3.11	21.33	1.24
3.17	1.35	9.25	3.32	15.33	3.11	21.42	1.24
3.25	1.35	9.33	3.32	15.42	3.11	21.50	1.24
3.33	1.35	9.42	3.32	15.50	3.11	21.58	1.24
3.42	1.35	9.50	3.32	15.58	3.11	21.67	1.24
3.50	1.35	9.58	3.73	15.67	3.11	21.75	1.24
3.58	1.35	9.67	3.73	15.75	3.11	21.83	1.24
3.67	1.35	9.75	3.73	15.83	3.11	21.92	1.24
3.75	1.35	9.83	3.73	15.92	3.11	22.00	1.24
3.83	1.35	9.92	3.73	16.00	3.11	22.08	1.24
3.92	1.35	10.00	3.73	16.08	1.86	22.17	1.24
4.00	1.35	10.08	4.77	16.17	1.86	22.25	1.24
4.08	1.66	10.17	4.77	16.25	1.86	22.33	1.24
4.17	1.66	10.25	4.77	16.33	1.86	22.42	1.24
4.25	1.66	10.33	4.77	16.42	1.86	22.50	1.24
4.33	1.66	10.42	4.77	16.50	1.86	22.58	1.24
4.42	1.66	10.50	4.77	16.58	1.86	22.67	1.24
4.50	1.66	10.58	6.42	16.67	1.86	22.75	1.24
4.58	1.66	10.67	6.42	16.75	1.86	22.83	1.24
4.67	1.66	10.75	6.42	16.83	1.86	22.92	1.24
4.75	1.66	10.83	6.42	16.92	1.86	23.00	1.24
4.83	1.66	10.92	6.42	17.00	1.86	23.08	1.24
4.92	1.66	11.00	6.42	17.08	1.86	23.17	1.24
5.00	1.66	11.08	9.95	17.17	1.86	23.25	1.24
5.08	1.66	11.17	9.95	17.25	1.86	23.33	1.24
5.17	1.66	11.25	9.95	17.33	1.86	23.42	1.24
5.25	1.66	11.33	9.95	17.42	1.86	23.50	1.24
5.33	1.66	11.42	9.95	17.50	1.86	23.58	1.24
5.42	1.66	11.50	9.95	17.58	1.86	23.67	1.24
5.50	1.66	11.58	30.67	17.67	1.86	23.75	1.24
5.58	1.66	11.67	30.67	17.75	1.86	23.83	1.24
5.67	1.66	11.75	30.67	17.83	1.86	23.92	1.24
5.75	1.66	11.83	126.81	17.92	1.86	24.00	1.24
5.83	1.66	11.92	126.81	18.00	1.86		
5.92	1.66	12.00	126.81	18.08	1.86		
6.00	1.66	12.08	14.92	18.17	1.86		

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| CALIB            |
| NASHYD   (  0102)|   Area     (ha)=  14.73   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
--------------------   U.H. Tp(hrs)=   0.33

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.
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---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.66	12.100	70.70	18.13	1.86
0.067	0.00	6.100	1.76	12.133	14.92	18.17	1.86
0.100	0.57	6.133	1.86	12.167	14.92	18.20	1.86
0.133	1.14	6.167	1.86	12.200	14.92	18.23	1.86
0.167	1.14	6.200	1.86	12.233	14.92	18.27	1.86
0.200	1.14	6.233	1.86	12.267	14.92	18.30	1.86
0.233	1.14	6.267	1.86	12.300	14.92	18.33	1.86
0.267	1.14	6.300	1.86	12.333	14.92	18.37	1.86
0.300	1.14	6.333	1.86	12.367	14.92	18.40	1.86
0.333	1.14	6.367	1.86	12.400	14.92	18.43	1.86
0.367	1.14	6.400	1.86	12.433	14.92	18.47	1.86
0.400	1.14	6.433	1.86	12.467	14.92	18.50	1.86
0.433	1.14	6.467	1.86	12.500	14.92	18.53	1.86
0.467	1.14	6.500	1.86	12.533	14.92	18.57	1.86
0.500	1.14	6.533	1.86	12.567	14.92	18.60	1.86
0.533	1.14	6.567	1.86	12.600	11.28	18.63	1.86
0.567	1.14	6.600	1.86	12.633	7.67	18.67	1.86
0.600	1.14	6.633	1.86	12.667	7.67	18.70	1.86
0.633	1.14	6.667	1.86	12.700	7.67	18.73	1.86
0.667	1.14	6.700	1.86	12.733	7.67	18.77	1.86
0.700	1.14	6.733	1.86	12.767	7.67	18.80	1.86
0.733	1.14	6.767	1.86	12.800	7.67	18.83	1.86
0.767	1.14	6.800	1.86	12.833	7.67	18.87	1.86
0.800	1.14	6.833	1.86	12.867	7.67	18.90	1.86
0.833	1.14	6.867	1.86	12.900	7.67	18.93	1.86
0.867	1.14	6.900	1.86	12.933	7.67	18.97	1.86
0.900	1.14	6.933	1.86	12.967	7.67	19.00	1.86
0.933	1.14	6.967	1.86	13.000	7.67	19.03	1.86
0.967	1.14	7.000	1.86	13.033	7.67	19.07	1.86
1.000	1.14	7.033	1.86	13.067	7.67	19.10	1.86
1.033	1.14	7.067	1.86	13.100	6.63	19.13	1.86
1.067	1.14	7.100	2.07	13.133	5.59	19.17	1.86
1.100	1.14	7.133	2.28	13.167	5.59	19.20	1.86
1.133	1.14	7.167	2.28	13.200	5.59	19.23	1.86
1.167	1.14	7.200	2.28	13.233	5.59	19.27	1.86
1.200	1.14	7.233	2.28	13.267	5.59	19.30	1.86
1.233	1.14	7.267	2.28	13.300	5.59	19.33	1.86
1.267	1.14	7.300	2.28	13.333	5.59	19.37	1.86
1.300	1.14	7.333	2.28	13.367	5.59	19.40	1.86
1.333	1.14	7.367	2.28	13.400	5.59	19.43	1.86
1.367	1.14	7.400	2.28	13.433	5.59	19.47	1.86
1.400	1.14	7.433	2.28	13.467	5.59	19.50	1.86
1.433	1.14	7.467	2.28	13.500	5.59	19.53	1.86
1.467	1.14	7.500	2.28	13.533	5.59	19.57	1.86
1.500	1.14	7.533	2.28	13.567	5.59	19.60	1.86
1.533	1.14	7.567	2.28	13.600	4.97	19.63	1.86
1.567	1.14	7.600	2.28	13.633	4.35	19.67	1.86
1.600	1.14	7.633	2.28	13.667	4.35	19.70	1.86
1.633	1.14	7.667	2.28	13.700	4.35	19.73	1.86
1.667	1.14	7.700	2.28	13.733	4.35	19.77	1.86
1.700	1.14	7.733	2.28	13.767	4.35	19.80	1.86
1.733	1.14	7.767	2.28	13.800	4.35	19.83	1.86
1.767	1.14	7.800	2.28	13.833	4.35	19.87	1.86
1.800	1.14	7.833	2.28	13.867	4.35	19.90	1.86
1.833	1.14	7.867	2.28	13.900	4.35	19.93	1.86
1.867	1.14	7.900	2.28	13.933	4.35	19.97	1.86
1.900	1.14	7.933	2.28	13.967	4.35	20.00	1.86
1.933	1.14	7.967	2.28	14.000	4.35	20.03	1.86
1.967	1.14	8.000	2.28	14.033	4.35	20.07	1.86
2.000	1.14	8.033	2.28	14.067	4.35	20.10	1.55
2.033	1.14	8.067	2.28	14.100	3.73	20.13	1.24
2.067	1.14	8.100	2.49	14.133	3.11	20.17	1.24
2.100	1.24	8.133	2.69	14.167	3.11	20.20	1.24
2.133	1.35	8.167	2.69	14.200	3.11	20.23	1.24
2.167	1.35	8.200	2.69	14.233	3.11	20.27	1.24
2.200	1.35	8.233	2.69	14.267	3.11	20.30	1.24
2.233	1.35	8.267	2.69	14.300	3.11	20.33	1.24
2.267	1.35	8.300	2.69	14.333	3.11	20.37	1.24
2.300	1.35	8.333	2.69	14.367	3.11	20.40	1.24
2.333	1.35	8.367	2.69	14.400	3.11	20.43	1.24
2.367	1.35	8.400	2.69	14.433	3.11	20.47	1.24
2.400	1.35	8.433	2.69	14.467	3.11	20.50	1.24
2.433	1.35	8.467	2.69	14.500	3.11	20.53	1.24
2.467	1.35	8.500	2.69	14.533	3.11	20.57	1.24
2.500	1.35	8.533	2.69	14.567	3.11	20.60	1.24
2.533	1.35	8.567	2.69	14.600	3.11	20.63	1.24
2.567	1.35	8.600	2.80	14.633	3.11	20.67	1.24
2.600	1.35	8.633	2.90	14.667	3.11	20.70	1.24
2.633	1.35	8.667	2.90	14.700	3.11	20.73	1.24
2.667	1.35	8.700	2.90	14.733	3.11	20.77	1.24
2.700	1.35	8.733	2.90	14.767	3.11	20.80	1.24
2.733	1.35	8.767	2.90	14.800	3.11	20.83	1.24
2.767	1.35	8.800	2.90	14.833	3.11	20.87	1.24
2.800	1.35	8.833	2.90	14.867	3.11	20.90	1.24
2.833	1.35	8.867	2.90	14.900	3.11	20.93	1.24
2.867	1.35	8.900	2.90	14.933	3.11	20.97	1.24
2.900	1.35	8.933	2.90	14.967	3.11	21.00	1.24
2.933	1.35	8.967	2.90	15.000	3.11	21.03	1.24
2.967	1.35	9.000	2.90	15.033	3.11	21.07	1.24
3.000	1.35	9.033	2.90	15.067	3.11	21.10	1.24
3.033	1.35	9.067	2.90	15.100	3.11	21.13	1.24
3.067	1.35	9.100	3.11	15.133	3.11	21.17	1.24
3.100	1.35	9.133	3.32	15.167	3.11	21.20	1.24
3.133	1.35	9.167	3.32	15.200	3.11	21.23	1.24
3.167	1.35	9.200	3.32	15.233	3.11	21.27	1.24
3.200	1.35	9.233	3.32	15.267	3.11	21.30	1.24
3.233	1.35	9.267	3.32	15.300	3.11	21.33	1.24
3.267	1.35	9.300	3.32	15.333	3.11	21.37	1.24
3.300	1.35	9.333	3.32	15.367	3.11	21.40	1.24
3.333	1.35	9.367	3.32	15.400	3.11	21.43	1.24
3.367	1.35	9.400	3.32	15.433	3.11	21.47	1.24
3.400	1.35	9.433	3.32	15.467	3.11	21.50	1.24
3.433	1.35	9.467	3.32	15.500	3.11	21.53	1.24
3.467	1.35	9.500	3.32	15.533	3.11	21.57	1.24
3.500	1.35	9.533	3.32	15.567	3.11	21.60	1.24
3.533	1.35	9.567	3.32	15.600	3.11	21.63	1.24
3.567	1.35	9.600	3.52	15.633	3.11	21.67	1.24
3.600	1.35	9.633	3.73	15.667	3.11	21.70	1.24
3.633	1.35	9.667	3.73	15.700	3.11	21.73	1.24
3.667	1.35	9.700	3.73	15.733	3.11	21.77	1.24
3.700	1.35	9.733	3.73	15.767	3.11	21.80	1.24
3.733	1.35	9.767	3.73	15.800	3.11	21.83	1.24
3.767	1.35	9.800	3.73	15.833	3.11	21.87	1.24
3.800	1.35	9.833	3.73	15.867	3.11	21.90	1.24
3.833	1.35	9.867	3.73	15.900	3.11	21.93	1.24
3.867	1.35	9.900	3.73	15.933	3.11	21.97	1.24
3.900	1.35	9.933	3.73	15.967	3.11	22.00	1.24
3.933	1.35	9.967	3.73	16.000	3.11	22.03	1.24
3.967	1.35	10.000	3.73	16.033	3.11	22.07	1.24
4.000	1.35	10.033	3.73	16.067	3.11	22.10	1.24
4.033	1.35	10.067	3.73	16.100	2.48	22.13	1.24
4.067	1.35	10.100	4.25	16.133	1.86	22.17	1.24
4.100	1.50	10.133	4.77	16.167	1.86	22.20	1.24
4.133	1.66	10.167	4.77	16.200	1.86	22.23	1.24
4.167	1.66	10.200	4.77	16.233	1.86	22.27	1.24
4.200	1.66	10.233	4.77	16.267	1.86	22.30	1.24
4.233	1.66	10.267	4.77	16.300	1.86	22.33	1.24
4.267	1.66	10.300	4.77	16.333	1.86	22.37	1.24
4.300	1.66	10.333	4.77	16.367	1.86	22.40	1.24
4.333	1.66	10.367	4.77	16.400	1.86	22.43	1.24
4.367	1.66	10.400	4.77	16.433	1.86	22.47	1.24
4.400	1.66	10.433	4.77	16.467	1.86	22.50	1.24
4.433	1.66	10.467	4.77	16.500	1.86	22.53	1.24
4.467	1.66	10.500	4.77	16.533	1.86	22.57	1.24
4.500	1.66	10.533	4.77	16.567	1.86	22.60	1.24
4.533	1.66	10.567	4.77	16.600	1.86	22.63	1.24
4.567	1.66	10.600	5.60	16.633	1.86	22.67	1.24
4.600	1.66	10.633	6.42	16.667	1.86	22.70	1.24
4.633	1.66	10.667	6.42	16.700	1.86	22.73	1.24
4.667	1.66	10.700	6.42	16.733	1.86	22.77	1.24
4.700	1.66	10.733	6.42	16.767	1.86	22.80	1.24
4.733	1.66	10.767	6.42	16.800	1.86	22.83	1.24

50-yr 24hr SCS Type II

4.767	1.66	10.800	6.42	16.833	1.86	22.87	1.24
4.800	1.66	10.833	6.42	16.867	1.86	22.90	1.24
4.833	1.66	10.867	6.42	16.900	1.86	22.93	1.24
4.867	1.66	10.900	6.42	16.933	1.86	22.97	1.24
4.900	1.66	10.933	6.42	16.967	1.86	23.00	1.24
4.933	1.66	10.967	6.42	17.000	1.86	23.03	1.24
4.967	1.66	11.000	6.42	17.033	1.86	23.07	1.24
5.000	1.66	11.033	6.42	17.067	1.86	23.10	1.24
5.033	1.66	11.067	6.42	17.100	1.86	23.13	1.24
5.067	1.66	11.100	8.19	17.133	1.86	23.17	1.24
5.100	1.66	11.133	9.95	17.167	1.86	23.20	1.24
5.133	1.66	11.167	9.95	17.200	1.86	23.23	1.24
5.167	1.66	11.200	9.95	17.233	1.86	23.27	1.24
5.200	1.66	11.233	9.95	17.267	1.86	23.30	1.24
5.233	1.66	11.267	9.95	17.300	1.86	23.33	1.24
5.267	1.66	11.300	9.95	17.333	1.86	23.37	1.24
5.300	1.66	11.333	9.95	17.367	1.86	23.40	1.24
5.333	1.66	11.367	9.95	17.400	1.86	23.43	1.24
5.367	1.66	11.400	9.95	17.433	1.86	23.47	1.24
5.400	1.66	11.433	9.95	17.467	1.86	23.50	1.24
5.433	1.66	11.467	9.95	17.500	1.86	23.53	1.24
5.467	1.66	11.500	9.95	17.533	1.86	23.57	1.24
5.500	1.66	11.533	9.95	17.567	1.86	23.60	1.24
5.533	1.66	11.567	9.95	17.600	1.86	23.63	1.24
5.567	1.66	11.600	20.33	17.633	1.86	23.67	1.24
5.600	1.66	11.633	30.67	17.667	1.86	23.70	1.24
5.633	1.66	11.667	30.67	17.700	1.86	23.73	1.24
5.667	1.66	11.700	30.67	17.733	1.86	23.77	1.24
5.700	1.66	11.733	30.67	17.767	1.86	23.80	1.24
5.733	1.66	11.767	30.67	17.800	1.86	23.83	1.24
5.767	1.66	11.800	30.67	17.833	1.86	23.87	1.24
5.800	1.66	11.833	30.79	17.867	1.86	23.90	1.24
5.833	1.66	11.867	126.81	17.900	1.86	23.93	1.24
5.867	1.66	11.900	126.81	17.933	1.86	23.97	1.24
5.900	1.66	11.933	126.81	17.967	1.86	24.00	1.24
5.933	1.66	11.967	126.81	18.000	1.86	24.03	1.24
5.967	1.66	12.000	126.81	18.033	1.86	24.07	1.24
6.000	1.66	12.033	126.81	18.067	1.86	24.10	0.62
6.033	1.66	12.067	126.81	18.100	1.86		

Unit Hyd Qpeak (cms)= 1.705

PEAK FLOW (cms)= 1.563 (i)
TIME TO PEAK (hrs)= 12.300
RUNOFF VOLUME (mm)= 57.065
TOTAL RAINFALL (mm)= 103.599
RUNOFF COEFFICIENT = 0.551

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB
NASHYD (0105) | Area (ha)= 3.55 Curve Number (CN)= 79.0
ID= 1 DT= 2.0 min | Ia (mm)= 6.75 # of Linear Res.(N)= 3.00
U.H. Tp(hrs)= 0.24

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.66	12.100	70.70	18.13	1.86
0.067	0.00	6.100	1.76	12.133	14.92	18.17	1.86
0.100	0.57	6.133	1.86	12.167	14.92	18.20	1.86
0.133	1.14	6.167	1.86	12.200	14.92	18.23	1.86
0.167	1.14	6.200	1.86	12.233	14.92	18.27	1.86
0.200	1.14	6.233	1.86	12.267	14.92	18.30	1.86
0.233	1.14	6.267	1.86	12.300	14.92	18.33	1.86
0.267	1.14	6.300	1.86	12.333	14.92	18.37	1.86
0.300	1.14	6.333	1.86	12.367	14.92	18.40	1.86
0.333	1.14	6.367	1.86	12.400	14.92	18.43	1.86
0.367	1.14	6.400	1.86	12.433	14.92	18.47	1.86
0.400	1.14	6.433	1.86	12.467	14.92	18.50	1.86
0.433	1.14	6.467	1.86	12.500	14.92	18.53	1.86
0.467	1.14	6.500	1.86	12.533	14.92	18.57	1.86
0.500	1.14	6.533	1.86	12.567	14.92	18.60	1.86
0.533	1.14	6.567	1.86	12.600	11.28	18.63	1.86
0.567	1.14	6.600	1.86	12.633	7.67	18.67	1.86
0.600	1.14	6.633	1.86	12.667	7.67	18.70	1.86
0.633	1.14	6.667	1.86	12.700	7.67	18.73	1.86
0.667	1.14	6.700	1.86	12.733	7.67	18.77	1.86
0.700	1.14	6.733	1.86	12.767	7.67	18.80	1.86
0.733	1.14	6.767	1.86	12.800	7.67	18.83	1.86
0.767	1.14	6.800	1.86	12.833	7.67	18.87	1.86
0.800	1.14	6.833	1.86	12.867	7.67	18.90	1.86
0.833	1.14	6.867	1.86	12.900	7.67	18.93	1.86
0.867	1.14	6.900	1.86	12.933	7.67	18.97	1.86
0.900	1.14	6.933	1.86	12.967	7.67	19.00	1.86
0.933	1.14	6.967	1.86	13.000	7.67	19.03	1.86
0.967	1.14	7.000	1.86	13.033	7.67	19.07	1.86
1.000	1.14	7.033	1.86	13.067	7.67	19.10	1.86
1.033	1.14	7.067	1.86	13.100	6.63	19.13	1.86
1.067	1.14	7.100	2.07	13.133	5.59	19.17	1.86
1.100	1.14	7.133	2.28	13.167	5.59	19.20	1.86
1.133	1.14	7.167	2.28	13.200	5.59	19.23	1.86
1.167	1.14	7.200	2.28	13.233	5.59	19.27	1.86
1.200	1.14	7.233	2.28	13.267	5.59	19.30	1.86
1.233	1.14	7.267	2.28	13.300	5.59	19.33	1.86
1.267	1.14	7.300	2.28	13.333	5.59	19.37	1.86
1.300	1.14	7.333	2.28	13.367	5.59	19.40	1.86
1.333	1.14	7.367	2.28	13.400	5.59	19.43	1.86
1.367	1.14	7.400	2.28	13.433	5.59	19.47	1.86
1.400	1.14	7.433	2.28	13.467	5.59	19.50	1.86
1.433	1.14	7.467	2.28	13.500	5.59	19.53	1.86
1.467	1.14	7.500	2.28	13.533	5.59	19.57	1.86
1.500	1.14	7.533	2.28	13.567	5.59	19.60	1.86
1.533	1.14	7.567	2.28	13.600	4.97	19.63	1.86
1.567	1.14	7.600	2.28	13.633	4.35	19.67	1.86
1.600	1.14	7.633	2.28	13.667	4.35	19.70	1.86
1.633	1.14	7.667	2.28	13.700	4.35	19.73	1.86
1.667	1.14	7.700	2.28	13.733	4.35	19.77	1.86
1.700	1.14	7.733	2.28	13.767	4.35	19.80	1.86
1.733	1.14	7.767	2.28	13.800	4.35	19.83	1.86
1.767	1.14	7.800	2.28	13.833	4.35	19.87	1.86
1.800	1.14	7.833	2.28	13.867	4.35	19.90	1.86
1.833	1.14	7.867	2.28	13.900	4.35	19.93	1.86
1.867	1.14	7.900	2.28	13.933	4.35	19.97	1.86
1.900	1.14	7.933	2.28	13.967	4.35	20.00	1.86
1.933	1.14	7.967	2.28	14.000	4.35	20.03	1.86
1.967	1.14	8.000	2.28	14.033	4.35	20.07	1.86
2.000	1.14	8.033	2.28	14.067	4.35	20.10	1.55
2.033	1.14	8.067	2.28	14.100	3.73	20.13	1.24
2.067	1.14	8.100	2.49	14.133	3.11	20.17	1.24
2.100	1.24	8.133	2.69	14.167	3.11	20.20	1.24
2.133	1.35	8.167	2.69	14.200	3.11	20.23	1.24
2.167	1.35	8.200	2.69	14.233	3.11	20.27	1.24
2.200	1.35	8.233	2.69	14.267	3.11	20.30	1.24
2.233	1.35	8.267	2.69	14.300	3.11	20.33	1.24
2.267	1.35	8.300	2.69	14.333	3.11	20.37	1.24
2.300	1.35	8.333	2.69	14.367	3.11	20.40	1.24
2.333	1.35	8.367	2.69	14.400	3.11	20.43	1.24
2.367	1.35	8.400	2.69	14.433	3.11	20.47	1.24
2.400	1.35	8.433	2.69	14.467	3.11	20.50	1.24
2.433	1.35	8.467	2.69	14.500	3.11	20.53	1.24
2.467	1.35	8.500	2.69	14.533	3.11	20.57	1.24
2.500	1.35	8.533	2.69	14.567	3.11	20.60	1.24
2.533	1.35	8.567	2.69	14.600	3.11	20.63	1.24
2.567	1.35	8.600	2.80	14.633	3.11	20.67	1.24
2.600	1.35	8.633	2.90	14.667	3.11	20.70	1.24
2.633	1.35	8.667	2.90	14.700	3.11	20.73	1.24
2.667	1.35	8.700	2.90	14.733	3.11	20.77	1.24
2.700	1.35	8.733	2.90	14.767	3.11	20.80	1.24
2.733	1.35	8.767	2.90	14.800	3.11	20.83	1.24
2.767	1.35	8.800	2.90	14.833	3.11	20.87	1.24
2.800	1.35	8.833	2.90	14.867	3.11	20.90	1.24
2.833	1.35	8.867	2.90	14.900	3.11	20.93	1.24
2.867	1.35	8.900	2.90	14.933	3.11	20.97	1.24
2.900	1.35	8.933	2.90	14.967	3.11	21.00	1.24
2.933	1.35	8.967	2.90	15.000	3.11	21.03	1.24
2.967	1.35	9.000	2.90	15.033	3.11	21.07	1.24
3.000	1.35	9.033	2.90	15.067	3.11	21.10	1.24
3.033	1.35	9.067	2.90	15.100	3.11	21.13	1.24
3.067	1.35	9.100	3.11	15.133	3.11	21.17	1.24
3.100	1.35	9.133	3.32	15.167	3.11	21.20	1.24
3.133	1.35	9.167	3.32	15.200	3.11	21.23	1.24
3.167	1.35	9.200	3.32	15.233	3.11	21.27	1.24
3.200	1.35	9.233	3.32	15.267	3.11	21.30	1.24
3.233	1.35	9.267	3.32	15.300	3.11	21.33	1.24
3.267	1.35	9.300	3.32	15.333	3.11	21.37	1.24
3.300	1.35	9.333	3.32	15.367	3.11	21.40	1.24
3.333	1.35	9.367	3.32	15.400	3.11	21.43	1.24
3.367	1.35	9.400	3.32	15.433	3.11	21.47	1.24
3.400	1.35	9.433	3.32	15.467	3.11	21.50	1.24
3.433	1.35	9.467	3.32	15.500	3.11	21.53	1.24
3.467	1.35	9.500	3.32	15.533	3.11	21.57	1.24
3.500	1.35	9.533	3.32	15.567	3.11	21.60	1.24
3.533	1.35	9.567	3.32	15.600	3.11	21.63	1.24
3.567	1.35	9.600	3.52	15.633	3.11	21.67	1.24
3.600	1.35	9.633	3.73	15.667	3.11	21.70	1.24
3.633	1.35	9.667	3.73	15.700	3.11	21.73	1.24
3.667	1.35	9.700	3.73	15.733	3.11	21.77	1.24
3.700	1.35	9.733	3.73	15.767	3.11	21.80	1.24
3.733	1.35	9.767	3.73	15.800	3.11	21.83	1.24
3.767	1.35	9.800	3.73	15.833	3.11	21.87	1.24
3.800	1.35	9.833	3.73	15.867	3.11	21.90	1.24
3.833	1.35	9.867	3.73	15.900	3.11	21.93	1.24
3.867	1.35	9.900	3.73	15.933	3.11	21.97	1.24
3.900	1.35	9.933	3.73	15.967	3.11	22.00	1.24
3.933	1.35	9.967	3.73	16.000	3.11	22.03	1.24
3.967	1.35	10.000	3.73	16.033	3.11	22.07	1.24
4.000	1.35	10.033	3.73	16.067	3.11	22.10	1.24
4.033	1.35	10.067	3.73	16.100	2.48	22.13	1.24
4.067	1.35	10.100	4.25	16.133	1.86	22.17	1.24
4.100	1.50	10.133	4.77	16.167	1.86	22.20	1.24
4.133	1.66	10.167	4.77	16.200	1.86	22.23	1.24
4.167	1.66	10.200	4.77	16.233	1.86	22.27	1.24
4.200	1.66	10.233	4.77	16.267	1.86	22.30	1.24
4.233	1.66	10.267	4.77	16.300	1.86	22.33	1.24
4.267	1.66	10.300	4.77	16.333	1.86	22.37	1.24
4.300	1.66	10.333	4.77	16.367	1.86	22.40	1.24
4.333	1.66	10.367	4.77	16.400	1.86	22.43	1.24
4.367	1.66	10.400	4.77	16.433	1.86	22.47	1.24
4.400	1.66	10.433	4.77	16.467	1.86	22.50	1.24
4.433	1.66	10.467	4.77	16.500	1.86	22.53	1.24
4.467	1.66	10.500	4.77	16.533	1.86	22.57	1.24
4.500	1.66	10.533	4.77	16.567	1.86	22.60	1.24
4.533	1.66	10.567	4.77	16.600	1.86	22.63	1.24
4.567	1.66	10.600	5.60	16.633	1.86	22.67	1.24
4.600	1.66	10.633	6.42	16.667	1.86	22.70	1.24
4.633	1.66	10.667	6.42	16.700	1.86	22.73	1.24
4.667	1.66	10.700	6.42	16.733	1.86	22.77	1.24
4.700	1.66	10.733	6.42	16.767	1.86	22.80	1.24
4.733	1.66	10.767	6.42	16.800	1.86	22.83	1.24
4.767	1.66	10.800	6.42	16.833	1.86	22.87	1.24
4.800	1.66	10.833	6.42	16.867	1.86	22.90	1.24
4.833	1.66	10.867	6.42	16.900	1.86	22.93	1.24
4.867	1.66	10.900	6.42	16.933	1.86	22.97	1.24
4.900	1.66	10.933	6.42	16.967	1.86	23.00	1.24
4.933	1.66	10.967	6.42	17.000	1.86	23.03	1.24
4.967	1.66	11.000	6.42	17.033	1.86	23.07	1.24
5.000	1.66	11.033	6.42	17.067	1.86	23.10	1.24
5.033	1.66	11.067	6.42	17.100	1.86	23.13	1.24
5.067	1.66	11.100	8.19	17.133	1.86	23.17	1.24
5.100	1.66	11.133	9.95	17.167	1.86	23.20	1.24
5.133	1.66	11.167	9.95	17.200	1.86	23.23	1.24
5.167	1.66	11.200	9.95	17.233	1.86	23.27	1.24
5.200	1.66	11.233	9.95	17.267	1.86	23.30	1.24
5.233	1.66	11.267	9.95	17.300	1.86	23.33	1.24
5.267	1.66	11.300	9.95	17.333	1.86	23.37	1.24
5.300	1.66	11.333	9.95	17.367	1.86	23.40	1.24
5.333	1.66	11.367	9.95	17.400	1.86	23.43	1.24
5.367	1.66	11.400	9.95	17.433	1.86	23.47	1.24
5.400	1.66	11.433	9.95	17.467	1.86	23.50	1.24
5.433	1.66	11.467	9.95	17.500	1.86	23.53	1.24
5.467	1.66	11.500	9.95	17.533	1.86	23.57	1.24
5.500	1.66	11.533	9.95	17.567	1.86	23.60	1.24
5.533	1.66	11.567	9.95	17.600	1.86	23.63	1.24
5.567	1.66	11.600	20.33	17.633	1.86	23.67	1.24
5.600	1.66	11.633	30.67	17.667	1.86	23.70	1.24
5.633	1.66	11.667	30.67	17.700	1.86	23.73	1.24
5.667	1.66	11.700	30.67	17.733	1.86	23.77	1.24
5.700	1.66	11.733	30.67	17.767	1.86	23.80	1.24
5.733	1.66	11.767	30.67	17.800	1.86	23.83	1.24
5.767	1.66	11.800	30.67	17.833	1.86	23.87	1.24
5.800	1.66	11.833	30.79	17.867	1.86	23.90	1.24
5.833	1.66	11.867	126.81	17.900	1.86	23.93	1.24
5.867	1.66	11.900	126.81	17.933	1.86	23.97	1.24
5.900	1.66	11.933	126.81	17.967	1.86	24.00	1.24
5.933	1.66	11.967	126.81	18.000	1.86	24.03	1.24
5.967	1.66	12.000	126.81	18.033	1.86	24.07	1.24
6.000	1.66	12.033	126.81	18.067	1.86	24.10	0.62
6.033	1.66	12.067	126.81	18.100	1.86		

Unit Hyd Qpeak (cms)= 0.565

PEAK FLOW (cms)= 0.470 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 57.064
TOTAL RAINFALL (mm)= 103.599
RUNOFF COEFFICIENT = 0.551

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB
NASHYD (0106) | Area (ha)= 0.36 Curve Number (CN)= 79.0
ID= 1 DT= 2.0 min | Ia (mm)= 6.75 # of Linear Res.(N)= 3.00
U.H. Tp(hrs)= 0.14

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.66	12.100	70.70	18.13	1.86
0.067	0.00	6.100	1.76	12.133	14.92	18.17	1.86
0.100	0.57	6.133	1.86	12.167	14.92	18.20	1.86
0.133	1.14	6.167	1.86	12.200	14.92	18.23	1.86
0.167	1.14	6.200	1.86	12.233	14.92	18.27	1.86
0.200	1.14	6.233	1.86	12.267	14.92	18.30	1.86
0.233	1.14	6.267	1.86	12.300	14.92	18.33	1.86
0.267	1.14	6.300	1.86	12.333	14.92	18.37	1.86
0.300	1.14	6.333	1.86	12.367	14.92	18.40	1.86
0.333	1.14	6.367	1.86	12.400	14.92	18.43	1.86
0.367	1.14	6.400	1.86	12.433	14.92	18.47	1.86
0.400	1.14	6.433	1.86	12.467	14.92	18.50	1.86
0.433	1.14	6.467	1.86	12.500	14.92	18.53	1.86
0.467	1.14	6.500	1.86	12.533	14.92	18.57	1.86
0.500	1.14	6.533	1.86	12.567	14.92	18.60	1.86
0.533	1.14	6.567	1.86	12.600	11.28	18.63	1.86
0.567	1.14	6.600	1.86	12.633	7.67	18.67	1.86
0.600	1.14	6.633	1.86	12.667	7.67	18.70	1.86

50-yr 24hr SCS Type II

0.633	1.14	6.667	1.86	12.700	7.67	18.73	1.86
0.667	1.14	6.700	1.86	12.733	7.67	18.77	1.86
0.700	1.14	6.733	1.86	12.767	7.67	18.80	1.86
0.733	1.14	6.767	1.86	12.800	7.67	18.83	1.86
0.767	1.14	6.800	1.86	12.833	7.67	18.87	1.86
0.800	1.14	6.833	1.86	12.867	7.67	18.90	1.86
0.833	1.14	6.867	1.86	12.900	7.67	18.93	1.86
0.867	1.14	6.900	1.86	12.933	7.67	18.97	1.86
0.900	1.14	6.933	1.86	12.967	7.67	19.00	1.86
0.933	1.14	6.967	1.86	13.000	7.67	19.03	1.86
0.967	1.14	7.000	1.86	13.033	7.67	19.07	1.86
1.000	1.14	7.033	1.86	13.067	7.67	19.10	1.86
1.033	1.14	7.067	1.86	13.100	6.63	19.13	1.86
1.067	1.14	7.100	2.07	13.133	5.59	19.17	1.86
1.100	1.14	7.133	2.28	13.167	5.59	19.20	1.86
1.133	1.14	7.167	2.28	13.200	5.59	19.23	1.86
1.167	1.14	7.200	2.28	13.233	5.59	19.27	1.86
1.200	1.14	7.233	2.28	13.267	5.59	19.30	1.86
1.233	1.14	7.267	2.28	13.300	5.59	19.33	1.86
1.267	1.14	7.300	2.28	13.333	5.59	19.37	1.86
1.300	1.14	7.333	2.28	13.367	5.59	19.40	1.86
1.333	1.14	7.367	2.28	13.400	5.59	19.43	1.86
1.367	1.14	7.400	2.28	13.433	5.59	19.47	1.86
1.400	1.14	7.433	2.28	13.467	5.59	19.50	1.86
1.433	1.14	7.467	2.28	13.500	5.59	19.53	1.86
1.467	1.14	7.500	2.28	13.533	5.59	19.57	1.86
1.500	1.14	7.533	2.28	13.567	5.59	19.60	1.86
1.533	1.14	7.567	2.28	13.600	4.97	19.63	1.86
1.567	1.14	7.600	2.28	13.633	4.35	19.67	1.86
1.600	1.14	7.633	2.28	13.667	4.35	19.70	1.86
1.633	1.14	7.667	2.28	13.700	4.35	19.73	1.86
1.667	1.14	7.700	2.28	13.733	4.35	19.77	1.86
1.700	1.14	7.733	2.28	13.767	4.35	19.80	1.86
1.733	1.14	7.767	2.28	13.800	4.35	19.83	1.86
1.767	1.14	7.800	2.28	13.833	4.35	19.87	1.86
1.800	1.14	7.833	2.28	13.867	4.35	19.90	1.86
1.833	1.14	7.867	2.28	13.900	4.35	19.93	1.86
1.867	1.14	7.900	2.28	13.933	4.35	19.97	1.86
1.900	1.14	7.933	2.28	13.967	4.35	20.00	1.86
1.933	1.14	7.967	2.28	14.000	4.35	20.03	1.86
1.967	1.14	8.000	2.28	14.033	4.35	20.07	1.86
2.000	1.14	8.033	2.28	14.067	4.35	20.10	1.55
2.033	1.14	8.067	2.28	14.100	3.73	20.13	1.24
2.067	1.14	8.100	2.49	14.133	3.11	20.17	1.24
2.100	1.24	8.133	2.69	14.167	3.11	20.20	1.24
2.133	1.35	8.167	2.69	14.200	3.11	20.23	1.24
2.167	1.35	8.200	2.69	14.233	3.11	20.27	1.24
2.200	1.35	8.233	2.69	14.267	3.11	20.30	1.24
2.233	1.35	8.267	2.69	14.300	3.11	20.33	1.24
2.267	1.35	8.300	2.69	14.333	3.11	20.37	1.24
2.300	1.35	8.333	2.69	14.367	3.11	20.40	1.24
2.333	1.35	8.367	2.69	14.400	3.11	20.43	1.24
2.367	1.35	8.400	2.69	14.433	3.11	20.47	1.24
2.400	1.35	8.433	2.69	14.467	3.11	20.50	1.24
2.433	1.35	8.467	2.69	14.500	3.11	20.53	1.24
2.467	1.35	8.500	2.69	14.533	3.11	20.57	1.24
2.500	1.35	8.533	2.69	14.567	3.11	20.60	1.24
2.533	1.35	8.567	2.69	14.600	3.11	20.63	1.24
2.567	1.35	8.600	2.80	14.633	3.11	20.67	1.24
2.600	1.35	8.633	2.90	14.667	3.11	20.70	1.24
2.633	1.35	8.667	2.90	14.700	3.11	20.73	1.24
2.667	1.35	8.700	2.90	14.733	3.11	20.77	1.24
2.700	1.35	8.733	2.90	14.767	3.11	20.80	1.24
2.733	1.35	8.767	2.90	14.800	3.11	20.83	1.24
2.767	1.35	8.800	2.90	14.833	3.11	20.87	1.24
2.800	1.35	8.833	2.90	14.867	3.11	20.90	1.24
2.833	1.35	8.867	2.90	14.900	3.11	20.93	1.24
2.867	1.35	8.900	2.90	14.933	3.11	20.97	1.24
2.900	1.35	8.933	2.90	14.967	3.11	21.00	1.24
2.933	1.35	8.967	2.90	15.000	3.11	21.03	1.24
2.967	1.35	9.000	2.90	15.033	3.11	21.07	1.24
3.000	1.35	9.033	2.90	15.067	3.11	21.10	1.24
3.033	1.35	9.067	2.90	15.100	3.11	21.13	1.24
3.067	1.35	9.100	3.11	15.133	3.11	21.17	1.24
3.100	1.35	9.133	3.32	15.167	3.11	21.20	1.24
3.133	1.35	9.167	3.32	15.200	3.11	21.23	1.24
3.167	1.35	9.200	3.32	15.233	3.11	21.27	1.24
3.200	1.35	9.233	3.32	15.267	3.11	21.30	1.24
3.233	1.35	9.267	3.32	15.300	3.11	21.33	1.24
3.267	1.35	9.300	3.32	15.333	3.11	21.37	1.24
3.300	1.35	9.333	3.32	15.367	3.11	21.40	1.24
3.333	1.35	9.367	3.32	15.400	3.11	21.43	1.24
3.367	1.35	9.400	3.32	15.433	3.11	21.47	1.24
3.400	1.35	9.433	3.32	15.467	3.11	21.50	1.24
3.433	1.35	9.467	3.32	15.500	3.11	21.53	1.24
3.467	1.35	9.500	3.32	15.533	3.11	21.57	1.24
3.500	1.35	9.533	3.32	15.567	3.11	21.60	1.24
3.533	1.35	9.567	3.32	15.600	3.11	21.63	1.24
3.567	1.35	9.600	3.52	15.633	3.11	21.67	1.24
3.600	1.35	9.633	3.73	15.667	3.11	21.70	1.24
3.633	1.35	9.667	3.73	15.700	3.11	21.73	1.24
3.667	1.35	9.700	3.73	15.733	3.11	21.77	1.24
3.700	1.35	9.733	3.73	15.767	3.11	21.80	1.24
3.733	1.35	9.767	3.73	15.800	3.11	21.83	1.24
3.767	1.35	9.800	3.73	15.833	3.11	21.87	1.24
3.800	1.35	9.833	3.73	15.867	3.11	21.90	1.24
3.833	1.35	9.867	3.73	15.900	3.11	21.93	1.24
3.867	1.35	9.900	3.73	15.933	3.11	21.97	1.24
3.900	1.35	9.933	3.73	15.967	3.11	22.00	1.24
3.933	1.35	9.967	3.73	16.000	3.11	22.03	1.24
3.967	1.35	10.000	3.73	16.033	3.11	22.07	1.24
4.000	1.35	10.033	3.73	16.067	3.11	22.10	1.24
4.033	1.35	10.067	3.73	16.100	2.48	22.13	1.24
4.067	1.35	10.100	4.25	16.133	1.86	22.17	1.24
4.100	1.50	10.133	4.77	16.167	1.86	22.20	1.24
4.133	1.66	10.167	4.77	16.200	1.86	22.23	1.24
4.167	1.66	10.200	4.77	16.233	1.86	22.27	1.24
4.200	1.66	10.233	4.77	16.267	1.86	22.30	1.24
4.233	1.66	10.267	4.77	16.300	1.86	22.33	1.24
4.267	1.66	10.300	4.77	16.333	1.86	22.37	1.24
4.300	1.66	10.333	4.77	16.367	1.86	22.40	1.24
4.333	1.66	10.367	4.77	16.400	1.86	22.43	1.24
4.367	1.66	10.400	4.77	16.433	1.86	22.47	1.24
4.400	1.66	10.433	4.77	16.467	1.86	22.50	1.24
4.433	1.66	10.467	4.77	16.500	1.86	22.53	1.24
4.467	1.66	10.500	4.77	16.533	1.86	22.57	1.24
4.500	1.66	10.533	4.77	16.567	1.86	22.60	1.24
4.533	1.66	10.567	4.77	16.600	1.86	22.63	1.24
4.567	1.66	10.600	5.60	16.633	1.86	22.67	1.24
4.600	1.66	10.633	6.42	16.667	1.86	22.70	1.24
4.633	1.66	10.667	6.42	16.700	1.86	22.73	1.24
4.667	1.66	10.700	6.42	16.733	1.86	22.77	1.24
4.700	1.66	10.733	6.42	16.767	1.86	22.80	1.24
4.733	1.66	10.767	6.42	16.800	1.86	22.83	1.24
4.767	1.66	10.800	6.42	16.833	1.86	22.87	1.24
4.800	1.66	10.833	6.42	16.867	1.86	22.90	1.24
4.833	1.66	10.867	6.42	16.900	1.86	22.93	1.24
4.867	1.66	10.900	6.42	16.933	1.86	22.97	1.24
4.900	1.66	10.933	6.42	16.967	1.86	23.00	1.24
4.933	1.66	10.967	6.42	17.000	1.86	23.03	1.24
4.967	1.66	11.000	6.42	17.033	1.86	23.07	1.24
5.000	1.66	11.033	6.42	17.067	1.86	23.10	1.24
5.033	1.66	11.067	6.42	17.100	1.86	23.13	1.24
5.067	1.66	11.100	8.19	17.133	1.86	23.17	1.24
5.100	1.66	11.133	9.95	17.167	1.86	23.20	1.24
5.133	1.66	11.167	9.95	17.200	1.86	23.23	1.24
5.167	1.66	11.200	9.95	17.233	1.86	23.27	1.24
5.200	1.66	11.233	9.95	17.267	1.86	23.30	1.24
5.233	1.66	11.267	9.95	17.300	1.86	23.33	1.24
5.267	1.66	11.300	9.95	17.333	1.86	23.37	1.24
5.300	1.66	11.333	9.95	17.367	1.86	23.40	1.24
5.333	1.66	11.367	9.95	17.400	1.86	23.43	1.24
5.367	1.66	11.400	9.95	17.433	1.86	23.47	1.24
5.400	1.66	11.433	9.95	17.467	1.86	23.50	1.24
5.433	1.66	11.467	9.95	17.500	1.86	23.53	1.24
5.467	1.66	11.500	9.95	17.533	1.86	23.57	1.24
5.500	1.66	11.533	9.95	17.567	1.86	23.60	1.24
5.533	1.66	11.567	9.95	17.600	1.86	23.63	1.24
5.567	1.66	11.600	20.33	17.633	1.86	23.67	1.24
5.600	1.66	11.633	30.67	17.667	1.86	23.70	1.24
5.633	1.66	11.667	30.67	17.700	1.86	23.73	1.24
5.667	1.66	11.700	30.67	17.733	1.86	23.77	1.24
5.700	1.66	11.733	30.67	17.767	1.86	23.80	1.24
5.733	1.66	11.767	30.67	17.800	1.86	23.83	1.24
5.767	1.66	11.800	30.67	17.833	1.86	23.87	1.24
5.800	1.66	11.833	30.79	17.867	1.86	23.90	1.24
5.833	1.66	11.867	126.81	17.900	1.86	23.93	1.24
5.867	1.66	11.900	126.81	17.933	1.86	23.97	1.24
5.900	1.66	11.933	126.81	17.967	1.86	24.00	1.24
5.933	1.66	11.967	126.81	18.000	1.86	24.03	1.24
5.967	1.66	12.000	126.81	18.033	1.86	24.07	1.24
6.000	1.66	12.033	126.81	18.067	1.86	24.10	0.62
6.033	1.66	12.067	126.81	18.100	1.86		

Unit Hyd Qpeak (cms)= 0.098

PEAK FLOW (cms)= 0.065 (i)
TIME TO PEAK (hrs)= 12.133
RUNOFF VOLUME (mm)= 57.052
TOTAL RAINFALL (mm)= 103.599
RUNOFF COEFFICIENT = 0.551

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB
STANDHYD (0104) | Area (ha)= 0.95
ID= 1 DT= 1.0 min | Total Imp(%)= 53.00 Dir. Conn.(%)= 26.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.50	0.45
Dep. Storage	(mm)=	1.00	6.75
Average Slope	(%)=	1.00	2.00
Length	(m)=	50.00	40.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.050	1.66	12.083	126.81	18.12	1.86
0.033	0.00	6.067	1.66	12.100	15.01	18.13	1.86
0.050	0.00	6.083	1.66	12.117	14.92	18.15	1.86
0.067	0.00	6.100	1.86	12.133	14.92	18.17	1.86
0.083	0.00	6.117	1.86	12.150	14.92	18.18	1.86
0.100	1.14	6.133	1.86	12.167	14.92	18.20	1.86
0.117	1.14	6.150	1.86	12.183	14.92	18.22	1.86
0.133	1.14	6.167	1.86	12.200	14.92	18.23	1.86
0.150	1.14	6.183	1.86	12.217	14.92	18.25	1.86
0.167	1.14	6.200	1.86	12.233	14.92	18.27	1.86
0.183	1.14	6.217	1.86	12.250	14.92	18.28	1.86
0.200	1.14	6.233	1.86	12.267	14.92	18.30	1.86
0.217	1.14	6.250	1.86	12.283	14.92	18.32	1.86
0.233	1.14	6.267	1.86	12.300	14.92	18.33	1.86
0.250	1.14	6.283	1.86	12.317	14.92	18.35	1.86
0.267	1.14	6.300	1.86	12.333	14.92	18.37	1.86
0.283	1.14	6.317	1.86	12.350	14.92	18.38	1.86
0.300	1.14	6.333	1.86	12.367	14.92	18.40	1.86
0.317	1.14	6.350	1.86	12.383	14.92	18.42	1.86
0.333	1.14	6.367	1.86	12.400	14.92	18.43	1.86
0.350	1.14	6.383	1.86	12.417	14.92	18.45	1.86
0.367	1.14	6.400	1.86	12.433	14.92	18.47	1.86
0.383	1.14	6.417	1.86	12.450	14.92	18.48	1.86
0.400	1.14	6.433	1.86	12.467	14.92	18.50	1.86
0.417	1.14	6.450	1.86	12.483	14.92	18.52	1.86
0.433	1.14	6.467	1.86	12.500	14.92	18.53	1.86
0.450	1.14	6.483	1.86	12.517	14.92	18.55	1.86
0.467	1.14	6.500	1.86	12.533	14.92	18.57	1.86
0.483	1.14	6.517	1.86	12.550	14.92	18.58	1.86
0.500	1.14	6.533	1.86	12.567	14.92	18.60	1.86
0.517	1.14	6.550	1.86	12.583	14.92	18.62	1.86
0.533	1.14	6.567	1.86	12.600	7.68	18.63	1.86
0.550	1.14	6.583	1.86	12.617	7.67	18.65	1.86
0.567	1.14	6.600	1.86	12.633	7.67	18.67	1.86
0.583	1.14	6.617	1.86	12.650	7.67	18.68	1.86
0.600	1.14	6.633	1.86	12.667	7.67	18.70	1.86
0.617	1.14	6.650	1.86	12.683	7.67	18.72	1.86
0.633	1.14	6.667	1.86	12.700	7.67	18.73	1.86
0.650	1.14	6.683	1.86	12.717	7.67	18.75	1.86
0.667	1.14	6.700	1.86	12.733	7.67	18.77	1.86
0.683	1.14	6.717	1.86	12.750	7.67	18.78	1.86
0.700	1.14	6.733	1.86	12.767	7.67	18.80	1.86
0.717	1.14	6.750	1.86	12.783	7.67	18.82	1.86
0.733	1.14	6.767	1.86	12.800	7.67	18.83	1.86
0.750	1.14	6.783	1.86	12.817	7.67	18.85	1.86
0.767	1.14	6.800	1.86	12.833	7.67	18.87	1.86
0.783	1.14	6.817	1.86	12.850	7.67	18.88	1.86
0.800	1.14	6.833	1.86	12.867	7.67	18.90	1.86
0.817	1.14	6.850	1.86	12.883	7.67	18.92	1.86
0.833	1.14	6.867	1.86	12.900	7.67	18.93	1.86
0.850	1.14	6.883	1.86	12.917	7.67	18.95	1.86
0.867	1.14	6.900	1.86	12.933	7.67	18.97	1.86
0.883	1.14	6.917	1.86	12.950	7.67	18.98	1.86
0.900	1.14	6.933	1.86	12.967	7.67	19.00	1.86
0.917	1.14	6.950	1.86	12.983	7.67	19.02	1.86
0.933	1.14	6.967	1.86	13.000	7.67	19.03	1.86
0.950	1.14	6.983	1.86	13.017	7.67	19.05	1.86
0.967	1.14	7.000	1.86	13.033	7.67	19.07	1.86
0.983	1.14	7.017	1.86	13.050	7.67	19.08	1.86
1.000	1.14	7.033	1.86	13.067	7.67	19.10	1.86
1.017	1.14	7.050	1.86	13.083	7.67	19.12	1.86
1.033	1.14	7.067	1.86	13.100	5.60	19.13	1.86
1.050	1.14	7.083	1.87	13.117	5.59	19.15	1.86
1.067	1.14	7.100	2.28	13.133	5.59	19.17	1.86
1.083	1.14	7.117	2.28	13.150	5.59	19.18	1.86
1.100	1.14	7.133	2.28	13.167	5.59	19.20	1.86
1.117	1.14	7.150	2.28	13.183	5.59	19.22	1.86
1.133	1.14	7.167	2.28	13.200	5.59	19.23	1.86
1.150	1.14	7.183	2.28	13.217	5.59	19.25	1.86
1.167	1.14	7.200	2.28	13.233	5.59	19.27	1.86
1.183	1.14	7.217	2.28	13.250	5.59	19.28	1.86
1.200	1.14	7.233	2.28	13.267	5.59	19.30	1.86
1.217	1.14	7.250	2.28	13.283	5.59	19.32	1.86
1.233	1.14	7.267	2.28	13.300	5.59	19.33	1.86
1.250	1.14	7.283	2.28	13.317	5.59	19.35	1.86
1.267	1.14	7.300	2.28	13.333	5.59	19.37	1.86
1.283	1.14	7.317	2.28	13.350	5.59	19.38	1.86
1.300	1.14	7.333	2.28	13.367	5.59	19.40	1.86
1.317	1.14	7.350	2.28	13.383	5.59	19.42	1.86
1.333	1.14	7.367	2.28	13.400	5.59	19.43	1.86
1.350	1.14	7.383	2.28	13.417	5.59	19.45	1.86
1.367	1.14	7.400	2.28	13.433	5.59	19.47	1.86
1.383	1.14	7.417	2.28	13.450	5.59	19.48	1.86
1.400	1.14	7.433	2.28	13.467	5.59	19.50	1.86
1.417	1.14	7.450	2.28	13.483	5.59	19.52	1.86
1.433	1.14	7.467	2.28	13.500	5.59	19.53	1.86
1.450	1.14	7.483	2.28	13.517	5.59	19.55	1.86
1.467	1.14	7.500	2.28	13.533	5.59	19.57	1.86
1.483	1.14	7.517	2.28	13.550	5.59	19.58	1.86
1.500	1.14	7.533	2.28	13.567	5.59	19.60	1.86
1.517	1.14	7.550	2.28	13.583	5.59	19.62	1.86
1.533	1.14	7.567	2.28	13.600	4.35	19.63	1.86
1.550	1.14	7.583	2.28	13.617	4.35	19.65	1.86

50-yr 24hr SCS Type II

1.567	1.14	7.600	2.28	13.633	4.35	19.67	1.86
1.583	1.14	7.617	2.28	13.650	4.35	19.68	1.86
1.600	1.14	7.633	2.28	13.667	4.35	19.70	1.86
1.617	1.14	7.650	2.28	13.683	4.35	19.72	1.86
1.633	1.14	7.667	2.28	13.700	4.35	19.73	1.86
1.650	1.14	7.683	2.28	13.717	4.35	19.75	1.86
1.667	1.14	7.700	2.28	13.733	4.35	19.77	1.86
1.683	1.14	7.717	2.28	13.750	4.35	19.78	1.86
1.700	1.14	7.733	2.28	13.767	4.35	19.80	1.86
1.717	1.14	7.750	2.28	13.783	4.35	19.82	1.86
1.733	1.14	7.767	2.28	13.800	4.35	19.83	1.86
1.750	1.14	7.783	2.28	13.817	4.35	19.85	1.86
1.767	1.14	7.800	2.28	13.833	4.35	19.87	1.86
1.783	1.14	7.817	2.28	13.850	4.35	19.88	1.86
1.800	1.14	7.833	2.28	13.867	4.35	19.90	1.86
1.817	1.14	7.850	2.28	13.883	4.35	19.92	1.86
1.833	1.14	7.867	2.28	13.900	4.35	19.93	1.86
1.850	1.14	7.883	2.28	13.917	4.35	19.95	1.86
1.867	1.14	7.900	2.28	13.933	4.35	19.97	1.86
1.883	1.14	7.917	2.28	13.950	4.35	19.98	1.86
1.900	1.14	7.933	2.28	13.967	4.35	20.00	1.86
1.917	1.14	7.950	2.28	13.983	4.35	20.02	1.86
1.933	1.14	7.967	2.28	14.000	4.35	20.03	1.86
1.950	1.14	7.983	2.28	14.017	4.35	20.05	1.86
1.967	1.14	8.000	2.28	14.033	4.35	20.07	1.86
1.983	1.14	8.017	2.28	14.050	4.35	20.08	1.86
2.000	1.14	8.033	2.28	14.067	4.35	20.10	1.25
2.017	1.14	8.050	2.28	14.083	4.35	20.12	1.24
2.033	1.14	8.067	2.28	14.100	3.11	20.13	1.24
2.050	1.14	8.083	2.28	14.117	3.11	20.15	1.24
2.067	1.14	8.100	2.69	14.133	3.11	20.17	1.24
2.083	1.14	8.117	2.69	14.150	3.11	20.18	1.24
2.100	1.35	8.133	2.69	14.167	3.11	20.20	1.24
2.117	1.35	8.150	2.69	14.183	3.11	20.22	1.24
2.133	1.35	8.167	2.69	14.200	3.11	20.23	1.24
2.150	1.35	8.183	2.69	14.217	3.11	20.25	1.24
2.167	1.35	8.200	2.69	14.233	3.11	20.27	1.24
2.183	1.35	8.217	2.69	14.250	3.11	20.28	1.24
2.200	1.35	8.233	2.69	14.267	3.11	20.30	1.24
2.217	1.35	8.250	2.69	14.283	3.11	20.32	1.24
2.233	1.35	8.267	2.69	14.300	3.11	20.33	1.24
2.250	1.35	8.283	2.69	14.317	3.11	20.35	1.24
2.267	1.35	8.300	2.69	14.333	3.11	20.37	1.24
2.283	1.35	8.317	2.69	14.350	3.11	20.38	1.24
2.300	1.35	8.333	2.69	14.367	3.11	20.40	1.24
2.317	1.35	8.350	2.69	14.383	3.11	20.42	1.24
2.333	1.35	8.367	2.69	14.400	3.11	20.43	1.24
2.350	1.35	8.383	2.69	14.417	3.11	20.45	1.24
2.367	1.35	8.400	2.69	14.433	3.11	20.47	1.24
2.383	1.35	8.417	2.69	14.450	3.11	20.48	1.24
2.400	1.35	8.433	2.69	14.467	3.11	20.50	1.24
2.417	1.35	8.450	2.69	14.483	3.11	20.52	1.24
2.433	1.35	8.467	2.69	14.500	3.11	20.53	1.24
2.450	1.35	8.483	2.69	14.517	3.11	20.55	1.24
2.467	1.35	8.500	2.69	14.533	3.11	20.57	1.24
2.483	1.35	8.517	2.69	14.550	3.11	20.58	1.24
2.500	1.35	8.533	2.69	14.567	3.11	20.60	1.24
2.517	1.35	8.550	2.69	14.583	3.11	20.62	1.24
2.533	1.35	8.567	2.69	14.600	3.11	20.63	1.24
2.550	1.35	8.583	2.69	14.617	3.11	20.65	1.24
2.567	1.35	8.600	2.90	14.633	3.11	20.67	1.24
2.583	1.35	8.617	2.90	14.650	3.11	20.68	1.24
2.600	1.35	8.633	2.90	14.667	3.11	20.70	1.24
2.617	1.35	8.650	2.90	14.683	3.11	20.72	1.24
2.633	1.35	8.667	2.90	14.700	3.11	20.73	1.24
2.650	1.35	8.683	2.90	14.717	3.11	20.75	1.24
2.667	1.35	8.700	2.90	14.733	3.11	20.77	1.24
2.683	1.35	8.717	2.90	14.750	3.11	20.78	1.24
2.700	1.35	8.733	2.90	14.767	3.11	20.80	1.24
2.717	1.35	8.750	2.90	14.783	3.11	20.82	1.24
2.733	1.35	8.767	2.90	14.800	3.11	20.83	1.24
2.750	1.35	8.783	2.90	14.817	3.11	20.85	1.24
2.767	1.35	8.800	2.90	14.833	3.11	20.87	1.24
2.783	1.35	8.817	2.90	14.850	3.11	20.88	1.24
2.800	1.35	8.833	2.90	14.867	3.11	20.90	1.24
2.817	1.35	8.850	2.90	14.883	3.11	20.92	1.24
2.833	1.35	8.867	2.90	14.900	3.11	20.93	1.24
2.850	1.35	8.883	2.90	14.917	3.11	20.95	1.24
2.867	1.35	8.900	2.90	14.933	3.11	20.97	1.24
2.883	1.35	8.917	2.90	14.950	3.11	20.98	1.24
2.900	1.35	8.933	2.90	14.967	3.11	21.00	1.24
2.917	1.35	8.950	2.90	14.983	3.11	21.02	1.24
2.933	1.35	8.967	2.90	15.000	3.11	21.03	1.24
2.950	1.35	8.983	2.90	15.017	3.11	21.05	1.24
2.967	1.35	9.000	2.90	15.033	3.11	21.07	1.24
2.983	1.35	9.017	2.90	15.050	3.11	21.08	1.24
3.000	1.35	9.033	2.90	15.067	3.11	21.10	1.24
3.017	1.35	9.050	2.90	15.083	3.11	21.12	1.24
3.033	1.35	9.067	2.90	15.100	3.11	21.13	1.24
3.050	1.35	9.083	2.90	15.117	3.11	21.15	1.24
3.067	1.35	9.100	3.32	15.133	3.11	21.17	1.24
3.083	1.35	9.117	3.32	15.150	3.11	21.18	1.24
3.100	1.35	9.133	3.32	15.167	3.11	21.20	1.24
3.117	1.35	9.150	3.32	15.183	3.11	21.22	1.24
3.133	1.35	9.167	3.32	15.200	3.11	21.23	1.24
3.150	1.35	9.183	3.32	15.217	3.11	21.25	1.24
3.167	1.35	9.200	3.32	15.233	3.11	21.27	1.24
3.183	1.35	9.217	3.32	15.250	3.11	21.28	1.24
3.200	1.35	9.233	3.32	15.267	3.11	21.30	1.24
3.217	1.35	9.250	3.32	15.283	3.11	21.32	1.24
3.233	1.35	9.267	3.32	15.300	3.11	21.33	1.24
3.250	1.35	9.283	3.32	15.317	3.11	21.35	1.24
3.267	1.35	9.300	3.32	15.333	3.11	21.37	1.24
3.283	1.35	9.317	3.32	15.350	3.11	21.38	1.24
3.300	1.35	9.333	3.32	15.367	3.11	21.40	1.24
3.317	1.35	9.350	3.32	15.383	3.11	21.42	1.24
3.333	1.35	9.367	3.32	15.400	3.11	21.43	1.24
3.350	1.35	9.383	3.32	15.417	3.11	21.45	1.24
3.367	1.35	9.400	3.32	15.433	3.11	21.47	1.24
3.383	1.35	9.417	3.32	15.450	3.11	21.48	1.24
3.400	1.35	9.433	3.32	15.467	3.11	21.50	1.24
3.417	1.35	9.450	3.32	15.483	3.11	21.52	1.24
3.433	1.35	9.467	3.32	15.500	3.11	21.53	1.24
3.450	1.35	9.483	3.32	15.517	3.11	21.55	1.24
3.467	1.35	9.500	3.32	15.533	3.11	21.57	1.24
3.483	1.35	9.517	3.32	15.550	3.11	21.58	1.24
3.500	1.35	9.533	3.32	15.567	3.11	21.60	1.24
3.517	1.35	9.550	3.32	15.583	3.11	21.62	1.24
3.533	1.35	9.567	3.32	15.600	3.11	21.63	1.24
3.550	1.35	9.583	3.32	15.617	3.11	21.65	1.24
3.567	1.35	9.600	3.73	15.633	3.11	21.67	1.24
3.583	1.35	9.617	3.73	15.650	3.11	21.68	1.24
3.600	1.35	9.633	3.73	15.667	3.11	21.70	1.24
3.617	1.35	9.650	3.73	15.683	3.11	21.72	1.24
3.633	1.35	9.667	3.73	15.700	3.11	21.73	1.24
3.650	1.35	9.683	3.73	15.717	3.11	21.75	1.24
3.667	1.35	9.700	3.73	15.733	3.11	21.77	1.24
3.683	1.35	9.717	3.73	15.750	3.11	21.78	1.24
3.700	1.35	9.733	3.73	15.767	3.11	21.80	1.24
3.717	1.35	9.750	3.73	15.783	3.11	21.82	1.24
3.733	1.35	9.767	3.73	15.800	3.11	21.83	1.24
3.750	1.35	9.783	3.73	15.817	3.11	21.85	1.24
3.767	1.35	9.800	3.73	15.833	3.11	21.87	1.24
3.783	1.35	9.817	3.73	15.850	3.11	21.88	1.24
3.800	1.35	9.833	3.73	15.867	3.11	21.90	1.24
3.817	1.35	9.850	3.73	15.883	3.11	21.92	1.24
3.833	1.35	9.867	3.73	15.900	3.11	21.93	1.24
3.850	1.35	9.883	3.73	15.917	3.11	21.95	1.24
3.867	1.35	9.900	3.73	15.933	3.11	21.97	1.24
3.883	1.35	9.917	3.73	15.950	3.11	21.98	1.24
3.900	1.35	9.933	3.73	15.967	3.11	22.00	1.24
3.917	1.35	9.950	3.73	15.983	3.11	22.02	1.24
3.933	1.35	9.967	3.73	16.000	3.11	22.03	1.24
3.950	1.35	9.983	3.73	16.017	3.11	22.05	1.24
3.967	1.35	10.000	3.73	16.033	3.11	22.07	1.24
3.983	1.35	10.017	3.73	16.050	3.11	22.08	1.24
4.000	1.35	10.033	3.73	16.067	3.11	22.10	1.24
4.017	1.35	10.050	3.73	16.083	3.11	22.12	1.24
4.033	1.35	10.067	3.73	16.100	1.87	22.13	1.24
4.050	1.35	10.083	3.73	16.117	1.86	22.15	1.24
4.067	1.35	10.100	4.77	16.133	1.86	22.17	1.24
4.083	1.35	10.117	4.77	16.150	1.86	22.18	1.24
4.100	1.66	10.133	4.77	16.167	1.86	22.20	1.24
4.117	1.66	10.150	4.77	16.183	1.86	22.22	1.24
4.133	1.66	10.167	4.77	16.200	1.86	22.23	1.24
4.150	1.66	10.183	4.77	16.217	1.86	22.25	1.24
4.167	1.66	10.200	4.77	16.233	1.86	22.27	1.24
4.183	1.66	10.217	4.77	16.250	1.86	22.28	1.24
4.200	1.66	10.233	4.77	16.267	1.86	22.30	1.24
4.217	1.66	10.250	4.77	16.283	1.86	22.32	1.24
4.233	1.66	10.267	4.77	16.300	1.86	22.33	1.24
4.250	1.66	10.283	4.77	16.317	1.86	22.35	1.24
4.267	1.66	10.300	4.77	16.333	1.86	22.37	1.24
4.283	1.66	10.317	4.77	16.350	1.86	22.38	1.24
4.300	1.66	10.333	4.77	16.367	1.86	22.40	1.24
4.317	1.66	10.350	4.77	16.383	1.86	22.42	1.24
4.333	1.66	10.367	4.77	16.400	1.86	22.43	1.24
4.350	1.66	10.383	4.77	16.417	1.86	22.45	1.24
4.367	1.66	10.400	4.77	16.433	1.86	22.47	1.24
4.383	1.66	10.417	4.77	16.450	1.86	22.48	1.24
4.400	1.66	10.433	4.77	16.467	1.86	22.50	1.24
4.417	1.66	10.450	4.77	16.483	1.86	22.52	1.24
4.433	1.66	10.467	4.77	16.500	1.86	22.53	1.24
4.450	1.66	10.483	4.77	16.517	1.86	22.55	1.24
4.467	1.66	10.500	4.77	16.533	1.86	22.57	1.24
4.483	1.66	10.517	4.77	16.550	1.86	22.58	1.24
4.500	1.66	10.533	4.77	16.567	1.86	22.60	1.24
4.517	1.66	10.550	4.77	16.583	1.86	22.62	1.24
4.533	1.66	10.567	4.77	16.600	1.86	22.63	1.24
4.550	1.66	10.583	4.77	16.617	1.86	22.65	1.24
4.567	1.66	10.600	6.42	16.633	1.86	22.67	1.24
4.583	1.66	10.617	6.42	16.650	1.86	22.68	1.24
4.600	1.66	10.633	6.42	16.667	1.86	22.70	1.24
4.617	1.66	10.650	6.42	16.683	1.86	22.72	1.24
4.633	1.66	10.667	6.42	16.700	1.86	22.73	1.24
4.650	1.66	10.683	6.42	16.717	1.86	22.75	1.24
4.667	1.66	10.700	6.42	16.733	1.86	22.77	1.24
4.683	1.66	10.717	6.42	16.750	1.86	22.78	1.24
4.700	1.66	10.733	6.42	16.767	1.86	22.80	1.24
4.717	1.66	10.750	6.42	16.783	1.86	22.82	1.24
4.733	1.66	10.767	6.42	16.800	1.86	22.83	1.24
4.750	1.66	10.783	6.42	16.817	1.86	22.85	1.24
4.767	1.66	10.800	6.42	16.833	1.86	22.87	1.24
4.783	1.66	10.817	6.42	16.850	1.86	22.88	1.24
4.800	1.66	10.833	6.42	16.867	1.86	22.90	1.24
4.817	1.66	10.850	6.42	16.883	1.86	22.92	1.24
4.833	1.66	10.867	6.42	16.900	1.86	22.93	1.24
4.850	1.66	10.883	6.42	16.917	1.86	22.95	1.24
4.867	1.66	10.900	6.42	16.933	1.86	22.97	1.24
4.883	1.66	10.917	6.42	16.950	1.86	22.98	1.24
4.900	1.66	10.933	6.42	16.967	1.86	23.00	1.24
4.917	1.66	10.950	6.42	16.983	1.86	23.02	1.24
4.933	1.66	10.967	6.42	17.000	1.86	23.03	1.24
4.950	1.66	10.983	6.42	17.017	1.86	23.05	1.24
4.967	1.66	11.000	6.42	17.033	1.86	23.07	1.24
4.983	1.66	11.017	6.42	17.050	1.86	23.08	1.24
5.000	1.66	11.033	6.42	17.067	1.86	23.10	1.24
5.017	1.66	11.050	6.42	17.083	1.86	23.12	1.24
5.033	1.66	11.067	6.42	17.100	1.86	23.13	1.24
5.050	1.66	11.083	6.42	17.117	1.86	23.15	1.24
5.067	1.66	11.100	9.95	17.133	1.86	23.17	1.24
5.083	1.66	11.117	9.95	17.150	1.86	23.18	1.24
5.100	1.66	11.133	9.95	17.167	1.86	23.20	1.24
5.117	1.66	11.150	9.95	17.183	1.86	23.22	1.24
5.133	1.66	11.167	9.95	17.200	1.86	23.23	1.24
5.150	1.66	11.183	9.95	17.217	1.86	23.25	1.24
5.167	1.66	11.200	9.95	17.233	1.86	23.27	1.24
5.183	1.66	11.217	9.95	17.250	1.86	23.28	1.24
5.200	1.66	11.233	9.95	17.267	1.86	23.30	1.24
5.217	1.66	11.250	9.95	17.283	1.86	23.32	1.24
5.233	1.66	11.267	9.95	17.300	1.86	23.33	1.24
5.250	1.66	11.283	9.95	17.317	1.86	23.35	1.24
5.267	1.66	11.300	9.95	17.333	1.86	23.37	1.24
5.283	1.66	11.317	9.95	17.350	1.86	23.38	1.24
5.300	1.66	11.333	9.95	17.367	1.86	23.40	1.24
5.317	1.66	11.350	9.95	17.383	1.86	23.42	1.24
5.333	1.66	11.367	9.95	17.400	1.86	23.43	1.24
5.350	1.66	11.383	9.95	17.417	1.86	23.45	1.24
5.367	1.66	11.400	9.95	17.433	1.86	23.47	1.24
5.383	1.66	11.417	9.95	17.450	1.86	23.48	1.24
5.400	1.66	11.433	9.95	17.467	1.86	23.50	1.24
5.417	1.66	11.450	9.95	17.483	1.86	23.52	1.24
5.433	1.66	11.467	9.95	17.500	1.86	23.53	1.24
5.450	1.66	11.483	9.95	17.517	1.86	23.55	1.24
5.467	1.66	11.500	9.95	17.533	1.86	23.57	1.24
5.483	1.66	11.517	9.95	17.550	1.86	23.58	1.24
5.500	1.66	11.533	9.95	17.567	1.86	23.60	1.24
5.517	1.66	11.550	9.95	17.583	1.86	23.62	1.24
5.533	1.66	11.567	9.95	17.600	1.86	23.63	1.24
5.550	1.66	11.583	9.95	17.617	1.86	23.65	1.24
5.567	1.66	11.600	30.66	17.633	1.86	23.67	1.24
5.583	1.66	11.617	30.67	17.650	1.86	23.68	1.24
5.600	1.66	11.633	30.67	17.667	1.86	23.70	1.24
5.617	1.66	11.650	30.67	17.683	1.86	23.72	1.24
5.633	1.66	11.667	30.67	17.700	1.86	23.73	1.24
5.650	1.66	11.683	30.67	17.717	1.86	23.75	1.24
5.667	1.66	11.700	30.67	17.733	1.86	23.77	1.24
5.683	1.66	11.717	30.67	17.750	1.86	23.78	1.24
5.700	1.66	11.733	30.67	17.767	1.86	23.80	1.24
5.717	1.66	11.750	30.67	17.783	1.86	23.82	1.24
5.733	1.66	11.767	30.67	17.800	1.86	23.83	1.24
5.750	1.66	11.783	30.67	17.817	1.86	23.85	1.24
5.767	1.66	11.800	30.67	17.833	1.86	23.87	1.24
5.783	1.66	11.817	30.67	17.850	1.86	23.88	1.24
5.800	1.66	11.833	30.67	17.867	1.86	23.90	1.24
5.817	1.66	11.850	126.75	17.883	1.86	23.92	1.24
5.833	1.66	11.867	126.81	17.900	1.86	23.93	1.24
5.850	1.66	11.883	126.81	17.917	1.86	23.95	1.24
5.867	1.66	11.900	126.81	17.933	1.86	23.97	1.24
5.883	1.66	11.917	126.81	17.950	1.86	23.98	1.24
5.900	1.66	11.933	126.80	17.967	1.86	24.00	1.24
5.917	1.66	11.950	126.81	17.983	1.86	24.02	1.24
5.933	1.66	11.967	126.81	18.000	1.86	24.03	1.24
5.950	1.66	11.983	126.81	18.017	1.86	24.05	1.24
5.967	1.66	12.000	126.81	18.033	1.86	24.07	1.24
5.983	1.66	12.017	126.80	18.050	1.86	24.08	1.24
6.000	1.66	12.033	126.81	18.067	1.86		
6.017	1.66	12.050	126.81	18.083	1.86		
6.033	1.66	12.067	126.81	18.100	1.86		

Max.Eff.Inten.(mm/hr)=		126.81	159.93
over (min)		5.00	10.00
Storage Coeff. (min)=		1.53 (ii)	9.67 (ii)
Unit Hyd. Tpeak (min)=		5.00	10.00
Unit Hyd. peak (cms)=		0.42	0.12
			TOTALS
PEAK FLOW	(cms)=	0.09	0.14 0.219 (iii)
TIME TO PEAK	(hrs)=	12.08	12.15 12.10
RUNOFF VOLUME	(mm)=	102.61	69.35 78.00
TOTAL RAINFALL	(mm)=	103.60	103.60 103.60
RUNOFF COEFFICIENT	=	0.99	0.67 0.75

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 79.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL

50-yr 24hr SCS Type II

THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0103)	Area	(ha)=	1.47	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.	(N)= 3.00
	U.H. Tp	(hrs)=	0.19		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.66	12.100	70.70	18.13	1.86
0.067	0.00	6.100	1.76	12.133	14.92	18.17	1.86
0.100	0.57	6.133	1.86	12.167	14.92	18.20	1.86
0.133	1.14	6.167	1.86	12.200	14.92	18.23	1.86
0.167	1.14	6.200	1.86	12.233	14.92	18.27	1.86
0.200	1.14	6.233	1.86	12.267	14.92	18.30	1.86
0.233	1.14	6.267	1.86	12.300	14.92	18.33	1.86
0.267	1.14	6.300	1.86	12.333	14.92	18.37	1.86
0.300	1.14	6.333	1.86	12.367	14.92	18.40	1.86
0.333	1.14	6.367	1.86	12.400	14.92	18.43	1.86
0.367	1.14	6.400	1.86	12.433	14.92	18.47	1.86
0.400	1.14	6.433	1.86	12.467	14.92	18.50	1.86
0.433	1.14	6.467	1.86	12.500	14.92	18.53	1.86
0.467	1.14	6.500	1.86	12.533	14.92	18.57	1.86
0.500	1.14	6.533	1.86	12.567	14.92	18.60	1.86
0.533	1.14	6.567	1.86	12.600	11.28	18.63	1.86
0.567	1.14	6.600	1.86	12.633	7.67	18.67	1.86
0.600	1.14	6.633	1.86	12.667	7.67	18.70	1.86
0.633	1.14	6.667	1.86	12.700	7.67	18.73	1.86
0.667	1.14	6.700	1.86	12.733	7.67	18.77	1.86
0.700	1.14	6.733	1.86	12.767	7.67	18.80	1.86
0.733	1.14	6.767	1.86	12.800	7.67	18.83	1.86
0.767	1.14	6.800	1.86	12.833	7.67	18.87	1.86
0.800	1.14	6.833	1.86	12.867	7.67	18.90	1.86
0.833	1.14	6.867	1.86	12.900	7.67	18.93	1.86
0.867	1.14	6.900	1.86	12.933	7.67	18.97	1.86
0.900	1.14	6.933	1.86	12.967	7.67	19.00	1.86
0.933	1.14	6.967	1.86	13.000	7.67	19.03	1.86
0.967	1.14	7.000	1.86	13.033	7.67	19.07	1.86
1.000	1.14	7.033	1.86	13.067	7.67	19.10	1.86
1.033	1.14	7.067	1.86	13.100	6.63	19.13	1.86
1.067	1.14	7.100	2.07	13.133	5.59	19.17	1.86
1.100	1.14	7.133	2.28	13.167	5.59	19.20	1.86
1.133	1.14	7.167	2.28	13.200	5.59	19.23	1.86
1.167	1.14	7.200	2.28	13.233	5.59	19.27	1.86
1.200	1.14	7.233	2.28	13.267	5.59	19.30	1.86
1.233	1.14	7.267	2.28	13.300	5.59	19.33	1.86
1.267	1.14	7.300	2.28	13.333	5.59	19.37	1.86
1.300	1.14	7.333	2.28	13.367	5.59	19.40	1.86
1.333	1.14	7.367	2.28	13.400	5.59	19.43	1.86
1.367	1.14	7.400	2.28	13.433	5.59	19.47	1.86
1.400	1.14	7.433	2.28	13.467	5.59	19.50	1.86
1.433	1.14	7.467	2.28	13.500	5.59	19.53	1.86
1.467	1.14	7.500	2.28	13.533	5.59	19.57	1.86
1.500	1.14	7.533	2.28	13.567	5.59	19.60	1.86
1.533	1.14	7.567	2.28	13.600	4.97	19.63	1.86
1.567	1.14	7.600	2.28	13.633	4.35	19.67	1.86
1.600	1.14	7.633	2.28	13.667	4.35	19.70	1.86
1.633	1.14	7.667	2.28	13.700	4.35	19.73	1.86
1.667	1.14	7.700	2.28	13.733	4.35	19.77	1.86
1.700	1.14	7.733	2.28	13.767	4.35	19.80	1.86
1.733	1.14	7.767	2.28	13.800	4.35	19.83	1.86
1.767	1.14	7.800	2.28	13.833	4.35	19.87	1.86
1.800	1.14	7.833	2.28	13.867	4.35	19.90	1.86
1.833	1.14	7.867	2.28	13.900	4.35	19.93	1.86
1.867	1.14	7.900	2.28	13.933	4.35	19.97	1.86
1.900	1.14	7.933	2.28	13.967	4.35	20.00	1.86
1.933	1.14	7.967	2.28	14.000	4.35	20.03	1.86
1.967	1.14	8.000	2.28	14.033	4.35	20.07	1.86
2.000	1.14	8.033	2.28	14.067	4.35	20.10	1.55
2.033	1.14	8.067	2.28	14.100	3.73	20.13	1.24
2.067	1.14	8.100	2.49	14.133	3.11	20.17	1.24
2.100	1.24	8.133	2.69	14.167	3.11	20.20	1.24
2.133	1.35	8.167	2.69	14.200	3.11	20.23	1.24
2.167	1.35	8.200	2.69	14.233	3.11	20.27	1.24
2.200	1.35	8.233	2.69	14.267	3.11	20.30	1.24
2.233	1.35	8.267	2.69	14.300	3.11	20.33	1.24
2.267	1.35	8.300	2.69	14.333	3.11	20.37	1.24
2.300	1.35	8.333	2.69	14.367	3.11	20.40	1.24
2.333	1.35	8.367	2.69	14.400	3.11	20.43	1.24
2.367	1.35	8.400	2.69	14.433	3.11	20.47	1.24
2.400	1.35	8.433	2.69	14.467	3.11	20.50	1.24
2.433	1.35	8.467	2.69	14.500	3.11	20.53	1.24
2.467	1.35	8.500	2.69	14.533	3.11	20.57	1.24
2.500	1.35	8.533	2.69	14.567	3.11	20.60	1.24
2.533	1.35	8.567	2.69	14.600	3.11	20.63	1.24
2.567	1.35	8.600	2.80	14.633	3.11	20.67	1.24
2.600	1.35	8.633	2.90	14.667	3.11	20.70	1.24
2.633	1.35	8.667	2.90	14.700	3.11	20.73	1.24
2.667	1.35	8.700	2.90	14.733	3.11	20.77	1.24
2.700	1.35	8.733	2.90	14.767	3.11	20.80	1.24
2.733	1.35	8.767	2.90	14.800	3.11	20.83	1.24
2.767	1.35	8.800	2.90	14.833	3.11	20.87	1.24
2.800	1.35	8.833	2.90	14.867	3.11	20.90	1.24
2.833	1.35	8.867	2.90	14.900	3.11	20.93	1.24
2.867	1.35	8.900	2.90	14.933	3.11	20.97	1.24
2.900	1.35	8.933	2.90	14.967	3.11	21.00	1.24
2.933	1.35	8.967	2.90	15.000	3.11	21.03	1.24
2.967	1.35	9.000	2.90	15.033	3.11	21.07	1.24
3.000	1.35	9.033	2.90	15.067	3.11	21.10	1.24
3.033	1.35	9.067	2.90	15.100	3.11	21.13	1.24
3.067	1.35	9.100	3.11	15.133	3.11	21.17	1.24
3.100	1.35	9.133	3.32	15.167	3.11	21.20	1.24
3.133	1.35	9.167	3.32	15.200	3.11	21.23	1.24
3.167	1.35	9.200	3.32	15.233	3.11	21.27	1.24
3.200	1.35	9.233	3.32	15.267	3.11	21.30	1.24
3.233	1.35	9.267	3.32	15.300	3.11	21.33	1.24
3.267	1.35	9.300	3.32	15.333	3.11	21.37	1.24
3.300	1.35	9.333	3.32	15.367	3.11	21.40	1.24
3.333	1.35	9.367	3.32	15.400	3.11	21.43	1.24
3.367	1.35	9.400	3.32	15.433	3.11	21.47	1.24
3.400	1.35	9.433	3.32	15.467	3.11	21.50	1.24
3.433	1.35	9.467	3.32	15.500	3.11	21.53	1.24
3.467	1.35	9.500	3.32	15.533	3.11	21.57	1.24
3.500	1.35	9.533	3.32	15.567	3.11	21.60	1.24
3.533	1.35	9.567	3.32	15.600	3.11	21.63	1.24
3.567	1.35	9.600	3.52	15.633	3.11	21.67	1.24
3.600	1.35	9.633	3.73	15.667	3.11	21.70	1.24
3.633	1.35	9.667	3.73	15.700	3.11	21.73	1.24
3.667	1.35	9.700	3.73	15.733	3.11	21.77	1.24
3.700	1.35	9.733	3.73	15.767	3.11	21.80	1.24
3.733	1.35	9.767	3.73	15.800	3.11	21.83	1.24
3.767	1.35	9.800	3.73	15.833	3.11	21.87	1.24
3.800	1.35	9.833	3.73	15.867	3.11	21.90	1.24
3.833	1.35	9.867	3.73	15.900	3.11	21.93	1.24
3.867	1.35	9.900	3.73	15.933	3.11	21.97	1.24
3.900	1.35	9.933	3.73	15.967	3.11	22.00	1.24
3.933	1.35	9.967	3.73	16.000	3.11	22.03	1.24
3.967	1.35	10.000	3.73	16.033	3.11	22.07	1.24
4.000	1.35	10.033	3.73	16.067	3.11	22.10	1.24
4.033	1.35	10.067	3.73	16.100	2.48	22.13	1.24
4.067	1.35	10.100	4.25	16.133	1.86	22.17	1.24
4.100	1.50	10.133	4.77	16.167	1.86	22.20	1.24
4.133	1.66	10.167	4.77	16.200	1.86	22.23	1.24
4.167	1.66	10.200	4.77	16.233	1.86	22.27	1.24
4.200	1.66	10.233	4.77	16.267	1.86	22.30	1.24
4.233	1.66	10.267	4.77	16.300	1.86	22.33	1.24
4.267	1.66	10.300	4.77	16.333	1.86	22.37	1.24
4.300	1.66	10.333	4.77	16.367	1.86	22.40	1.24
4.333	1.66	10.367	4.77	16.400	1.86	22.43	1.24
4.367	1.66	10.400	4.77	16.433	1.86	22.47	1.24
4.400	1.66	10.433	4.77	16.467	1.86	22.50	1.24
4.433	1.66	10.467	4.77	16.500	1.86	22.53	1.24
4.467	1.66	10.500	4.77	16.533	1.86	22.57	1.24
4.500	1.66	10.533	4.77	16.567	1.86	22.60	1.24
4.533	1.66	10.567	4.77	16.600	1.86	22.63	1.24
4.567	1.66	10.600	5.60	16.633	1.86	22.67	1.24
4.600	1.66	10.633	6.42	16.667	1.86	22.70	1.24
4.633	1.66	10.667	6.42	16.700	1.86	22.73	1.24
4.667	1.66	10.700	6.42	16.733	1.86	22.77	1.24
4.700	1.66	10.733	6.42	16.767	1.86	22.80	1.24
4.733	1.66	10.767	6.42	16.800	1.86	22.83	1.24
4.767	1.66	10.800	6.42	16.833	1.86	22.87	1.24
4.800	1.66	10.833	6.42	16.867	1.86	22.90	1.24
4.833	1.66	10.867	6.42	16.900	1.86	22.93	1.24
4.867	1.66	10.900	6.42	16.933	1.86	22.97	1.24
4.900	1.66	10.933	6.42	16.967	1.86	23.00	1.24
4.933	1.66	10.967	6.42	17.000	1.86	23.03	1.24
4.967	1.66	11.000	6.42	17.033	1.86	23.07	1.24
5.000	1.66	11.033	6.42	17.067	1.86	23.10	1.24
5.033	1.66	11.067	6.42	17.100	1.86	23.13	1.24
5.067	1.66	11.100	8.19	17.133	1.86	23.17	1.24
5.100	1.66	11.133	9.95	17.167	1.86	23.20	1.24
5.133	1.66	11.167	9.95	17.200	1.86	23.23	1.24
5.167	1.66	11.200	9.95	17.233	1.86	23.27	1.24
5.200	1.66	11.233	9.95	17.267	1.86	23.30	1.24
5.233	1.66	11.267	9.95	17.300	1.86	23.33	1.24
5.267	1.66	11.300	9.95	17.333	1.86	23.37	1.24
5.300	1.66	11.333	9.95	17.367	1.86	23.40	1.24
5.333	1.66	11.367	9.95	17.400	1.86	23.43	1.24
5.367	1.66	11.400	9.95	17.433	1.86	23.47	1.24
5.400	1.66	11.433	9.95	17.467	1.86	23.50	1.24
5.433	1.66	11.467	9.95	17.500	1.86	23.53	1.24
5.467	1.66	11.500	9.95	17.533	1.86	23.57	1.24
5.500	1.66	11.533	9.95	17.567	1.86	23.60	1.24
5.533	1.66	11.567	9.95	17.600	1.86	23.63	1.24
5.567	1.66	11.600	20.33	17.633	1.86	23.67	1.24
5.600	1.66	11.633	30.67	17.667	1.86	23.70	1.24
5.633	1.66	11.667	30.67	17.700	1.86	23.73	1.24
5.667	1.66	11.700	30.67	17.733	1.86	23.77	1.24
5.700	1.66	11.733	30.67	17.767	1.86	23.80	1.24
5.733	1.66	11.767	30.67	17.800	1.86	23.83	1.24
5.767	1.66	11.800	30.67	17.833	1.86	23.87	1.24
5.800	1.66	11.833	30.79	17.867	1.86	23.90	1.24
5.833	1.66	11.867	126.81	17.900	1.86	23.93	1.24
5.867	1.66	11.900	126.81	17.933	1.86	23.97	1.24
5.900	1.66	11.933	126.81	17.967	1.86	24.00	1.24
5.933	1.66	11.967	126.81	18.000	1.86	24.03	1.24
5.967	1.66	12.000	126.81	18.033	1.86	24.07	1.24
6.000	1.66	12.033	126.81	18.067	1.86	24.10	0.62
6.033	1.66	12.067	126.81	18.100	1.86		

Unit Hyd Qpeak (cms)= 0.296

PEAK FLOW (cms)= 0.226 (i)
TIME TO PEAK (hrs)= 12.167
RUNOFF VOLUME (mm)= 57.061
TOTAL RAINFALL (mm)= 103.599
RUNOFF COEFFICIENT = 0.551

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0101)	Area	(ha)=	3.15	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.	(N)= 3.00
	U.H. Tp	(hrs)=	0.23		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.66	12.100	70.70	18.13	1.86
0.067	0.00	6.100	1.76	12.133	14.92	18.17	1.86
0.100	0.57	6.133	1.86	12.167	14.92	18.20	1.86
0.133	1.14	6.167	1.86	12.200	14.92	18.23	1.86
0.167	1.14	6.200	1.86	12.233	14.92	18.27	1.86
0.200	1.14	6.233	1.86	12.267	14.92	18.30	1.86
0.233	1.14	6.267	1.86	12.300	14.92	18.33	1.86
0.267	1.14	6.300	1.86	12.333	14.92	18.37	1.86
0.300	1.14	6.333	1.86	12.367	14.92	18.40	1.86
0.333	1.14	6.367	1.86	12.400	14.92	18.43	1.86
0.367	1.14	6.400	1.86	12.433	14.92	18.47	1.86
0.400	1.14	6.433	1.86	12.467	14.92	18.50	1.86
0.433	1.14	6.467	1.86	12.500	14.92	18.53	1.86
0.467	1.14	6.500	1.86	12.533	14.92	18.57	1.86
0.500	1.14	6.533	1.86	12.567	14.92	18.60	1.86
0.533	1.14	6.567	1.86	12.600	11.28	18.63	1.86
0.567	1.14	6.600	1.86	12.633	7.67	18.67	1.86
0.600	1.14	6.633	1.86	12.667	7.67	18.70	1.86
0.633	1.14	6.667	1.86	12.700	7.67	18.73	1.86
0.667	1.14	6.700	1.86	12.733	7.67	18.77	1.86
0.700	1.14	6.733	1.86	12.767	7.67	18.80	1.86
0.733	1.14	6.767	1.86	12.800	7.67	18.83	1.86
0.767	1.14	6.800	1.86	12.833	7.67	18.87	1.86
0.800	1.14	6.833	1.86	12.867	7.67	18.90	1.86
0.833	1.14	6.867	1.86	12.900	7.67	18.93	1.86
0.867	1.14	6.900	1.86	12.933	7.67	18.97	1.86
0.900	1.14	6.933	1.86	12.967	7.67	19.00	1.86
0.933	1.14	6.967	1.86	13.000	7.67	19.03	1.86
0.967	1.14	7.000	1.86	13.033	7.67	19.07	1.86
1.000	1.14	7.033	1.86	13.067	7.67	19.10	1.86
1.033	1.14	7.067	1.86	13.100	6.63	19.13	1.86
1.067	1.14	7.100	2.07	13.133	5.59	19.17	1.86
1.100	1.14	7.133	2.28	13.167	5.59	19.20	1.86
1.133	1.14	7.167	2.28	13.200	5.59	19.23	1.86
1.167	1.14	7.200	2.28	13.233	5.59	19.27	1.86
1.200	1.14	7.233	2.28	13.267	5.59	19.30	1.86
1.233	1.14	7.267	2.28	13.300	5.59	19.33	1.86
1.267	1.14	7.300	2.28	13.333	5.59	19.37	1.86
1.300	1.14	7.333	2.28	13.367	5.59	19.40	1.86
1.333	1.14	7.367	2.28	13.400	5.59	19.43	1.86
1.367	1.14	7.400	2.28	13.433	5.59	19.47	1.86
1.400	1.14	7.433	2.28	13.467	5.59	19.50	1.86
1.433	1.14	7.467	2.28	13.500	5.59	19.53	1.86
1.467	1.14	7.500	2.28	13.533	5.59	19.57	1.86
1.500	1.14	7.533	2.28	13.567	5.59	19.60	1.86
1.533	1.14	7.567	2.28	13.600	4.97	19.63	1.86
1.567	1.14	7.600	2.28	13.633	4.35	19.67	1.86
1.600	1.14	7.633	2.28	13.667	4.35	19.70	1.86
1.633	1.14	7.667	2.28	13.700	4.35	19.73	1.86
1.667	1.14	7.700	2.28	13.733	4.35	19.77	1.86
1.700	1.14	7.733	2.28	13.767	4.35	19.80	1.86
1.733	1.14	7.767	2.28	13.800	4.35	19.83	1.86
1.767	1.14	7.800	2.28	13.833	4.35	19.87	1.86
1.800	1.14	7.833	2.28	13.867	4.35	19.90	1.86
1.833	1.14	7.867	2.28	13.900	4.35	19.93	1.86
1.867	1.14	7.900	2.28	13.933	4.35	19.97	1.86
1.900	1.14	7.933	2.28	13.967	4.35	20.00	1.86
1.933	1.14	7.967	2.28	14.000	4.35	20.03	1.86
1.967	1.14	8.000	2.28	14.033	4.35	20.07	1.86
2.000	1.14	8.033	2.28	14.067	4.35	20.10	1.55
2.033	1.14	8.067	2.28	14.100	3.73	20.13	1.24
2.067	1.14	8.100	2.49	14.133	3.11	20.17	1.24
2.100	1.24	8.133	2.69	14.167	3.11	20.20	1.24
2.133	1.35	8.167	2.69	14.200	3.11	20.23	1.24
2.167	1.35	8.200	2.69	14.233	3.11	20.27	1.24

50-yr 24hr SCS Type II

2.200	1.35	8.233	2.69	14.267	3.11	20.30	1.24
2.233	1.35	8.267	2.69	14.300	3.11	20.33	1.24
2.267	1.35	8.300	2.69	14.333	3.11	20.37	1.24
2.300	1.35	8.333	2.69	14.367	3.11	20.40	1.24
2.333	1.35	8.367	2.69	14.400	3.11	20.43	1.24
2.367	1.35	8.400	2.69	14.433	3.11	20.47	1.24
2.400	1.35	8.433	2.69	14.467	3.11	20.50	1.24
2.433	1.35	8.467	2.69	14.500	3.11	20.53	1.24
2.467	1.35	8.500	2.69	14.533	3.11	20.57	1.24
2.500	1.35	8.533	2.69	14.567	3.11	20.60	1.24
2.533	1.35	8.567	2.69	14.600	3.11	20.63	1.24
2.567	1.35	8.600	2.80	14.633	3.11	20.67	1.24
2.600	1.35	8.633	2.90	14.667	3.11	20.70	1.24
2.633	1.35	8.667	2.90	14.700	3.11	20.73	1.24
2.667	1.35	8.700	2.90	14.733	3.11	20.77	1.24
2.700	1.35	8.733	2.90	14.767	3.11	20.80	1.24
2.733	1.35	8.767	2.90	14.800	3.11	20.83	1.24
2.767	1.35	8.800	2.90	14.833	3.11	20.87	1.24
2.800	1.35	8.833	2.90	14.867	3.11	20.90	1.24
2.833	1.35	8.867	2.90	14.900	3.11	20.93	1.24
2.867	1.35	8.900	2.90	14.933	3.11	20.97	1.24
2.900	1.35	8.933	2.90	14.967	3.11	21.00	1.24
2.933	1.35	8.967	2.90	15.000	3.11	21.03	1.24
2.967	1.35	9.000	2.90	15.033	3.11	21.07	1.24
3.000	1.35	9.033	2.90	15.067	3.11	21.10	1.24
3.033	1.35	9.067	2.90	15.100	3.11	21.13	1.24
3.067	1.35	9.100	3.11	15.133	3.11	21.17	1.24
3.100	1.35	9.133	3.32	15.167	3.11	21.20	1.24
3.133	1.35	9.167	3.32	15.200	3.11	21.23	1.24
3.167	1.35	9.200	3.32	15.233	3.11	21.27	1.24
3.200	1.35	9.233	3.32	15.267	3.11	21.30	1.24
3.233	1.35	9.267	3.32	15.300	3.11	21.33	1.24
3.267	1.35	9.300	3.32	15.333	3.11	21.37	1.24
3.300	1.35	9.333	3.32	15.367	3.11	21.40	1.24
3.333	1.35	9.367	3.32	15.400	3.11	21.43	1.24
3.367	1.35	9.400	3.32	15.433	3.11	21.47	1.24
3.400	1.35	9.433	3.32	15.467	3.11	21.50	1.24
3.433	1.35	9.467	3.32	15.500	3.11	21.53	1.24
3.467	1.35	9.500	3.32	15.533	3.11	21.57	1.24
3.500	1.35	9.533	3.32	15.567	3.11	21.60	1.24
3.533	1.35	9.567	3.32	15.600	3.11	21.63	1.24
3.567	1.35	9.600	3.52	15.633	3.11	21.67	1.24
3.600	1.35	9.633	3.73	15.667	3.11	21.70	1.24
3.633	1.35	9.667	3.73	15.700	3.11	21.73	1.24
3.667	1.35	9.700	3.73	15.733	3.11	21.77	1.24
3.700	1.35	9.733	3.73	15.767	3.11	21.80	1.24
3.733	1.35	9.767	3.73	15.800	3.11	21.83	1.24
3.767	1.35	9.800	3.73	15.833	3.11	21.87	1.24
3.800	1.35	9.833	3.73	15.867	3.11	21.90	1.24
3.833	1.35	9.867	3.73	15.900	3.11	21.93	1.24
3.867	1.35	9.900	3.73	15.933	3.11	21.97	1.24
3.900	1.35	9.933	3.73	15.967	3.11	22.00	1.24
3.933	1.35	9.967	3.73	16.000	3.11	22.03	1.24
3.967	1.35	10.000	3.73	16.033	3.11	22.07	1.24
4.000	1.35	10.033	3.73	16.067	3.11	22.10	1.24
4.033	1.35	10.067	3.73	16.100	2.48	22.13	1.24
4.067	1.35	10.100	4.25	16.133	1.86	22.17	1.24
4.100	1.50	10.133	4.77	16.167	1.86	22.20	1.24
4.133	1.66	10.167	4.77	16.200	1.86	22.23	1.24
4.167	1.66	10.200	4.77	16.233	1.86	22.27	1.24
4.200	1.66	10.233	4.77	16.267	1.86	22.30	1.24
4.233	1.66	10.267	4.77	16.300	1.86	22.33	1.24
4.267	1.66	10.300	4.77	16.333	1.86	22.37	1.24
4.300	1.66	10.333	4.77	16.367	1.86	22.40	1.24
4.333	1.66	10.367	4.77	16.400	1.86	22.43	1.24
4.367	1.66	10.400	4.77	16.433	1.86	22.47	1.24
4.400	1.66	10.433	4.77	16.467	1.86	22.50	1.24
4.433	1.66	10.467	4.77	16.500	1.86	22.53	1.24
4.467	1.66	10.500	4.77	16.533	1.86	22.57	1.24
4.500	1.66	10.533	4.77	16.567	1.86	22.60	1.24
4.533	1.66	10.567	4.77	16.600	1.86	22.63	1.24
4.567	1.66	10.600	5.60	16.633	1.86	22.67	1.24
4.600	1.66	10.633	6.42	16.667	1.86	22.70	1.24
4.633	1.66	10.667	6.42	16.700	1.86	22.73	1.24
4.667	1.66	10.700	6.42	16.733	1.86	22.77	1.24
4.700	1.66	10.733	6.42	16.767	1.86	22.80	1.24
4.733	1.66	10.767	6.42	16.800	1.86	22.83	1.24
4.767	1.66	10.800	6.42	16.833	1.86	22.87	1.24
4.800	1.66	10.833	6.42	16.867	1.86	22.90	1.24
4.833	1.66	10.867	6.42	16.900	1.86	22.93	1.24
4.867	1.66	10.900	6.42	16.933	1.86	22.97	1.24
4.900	1.66	10.933	6.42	16.967	1.86	23.00	1.24
4.933	1.66	10.967	6.42	17.000	1.86	23.03	1.24
4.967	1.66	11.000	6.42	17.033	1.86	23.07	1.24
5.000	1.66	11.033	6.42	17.067	1.86	23.10	1.24
5.033	1.66	11.067	6.42	17.100	1.86	23.13	1.24
5.067	1.66	11.100	8.19	17.133	1.86	23.17	1.24
5.100	1.66	11.133	9.95	17.167	1.86	23.20	1.24
5.133	1.66	11.167	9.95	17.200	1.86	23.23	1.24
5.167	1.66	11.200	9.95	17.233	1.86	23.27	1.24
5.200	1.66	11.233	9.95	17.267	1.86	23.30	1.24
5.233	1.66	11.267	9.95	17.300	1.86	23.33	1.24
5.267	1.66	11.300	9.95	17.333	1.86	23.37	1.24
5.300	1.66	11.333	9.95	17.367	1.86	23.40	1.24
5.333	1.66	11.367	9.95	17.400	1.86	23.43	1.24
5.367	1.66	11.400	9.95	17.433	1.86	23.47	1.24
5.400	1.66	11.433	9.95	17.467	1.86	23.50	1.24
5.433	1.66	11.467	9.95	17.500	1.86	23.53	1.24
5.467	1.66	11.500	9.95	17.533	1.86	23.57	1.24
5.500	1.66	11.533	9.95	17.567	1.86	23.60	1.24
5.533	1.66	11.567	9.95	17.600	1.86	23.63	1.24
5.567	1.66	11.600	20.33	17.633	1.86	23.67	1.24
5.600	1.66	11.633	30.67	17.667	1.86	23.70	1.24
5.633	1.66	11.667	30.67	17.700	1.86	23.73	1.24
5.667	1.66	11.700	30.67	17.733	1.86	23.77	1.24
5.700	1.66	11.733	30.67	17.767	1.86	23.80	1.24
5.733	1.66	11.767	30.67	17.800	1.86	23.83	1.24
5.767	1.66	11.800	30.67	17.833	1.86	23.87	1.24
5.800	1.66	11.833	30.79	17.867	1.86	23.90	1.24
5.833	1.66	11.867	126.81	17.900	1.86	23.93	1.24
5.867	1.66	11.900	126.81	17.933	1.86	23.97	1.24
5.900	1.66	11.933	126.81	17.967	1.86	24.00	1.24
5.933	1.66	11.967	126.81	18.000	1.86	24.03	1.24
5.967	1.66	12.000	126.81	18.033	1.86	24.07	1.24
6.000	1.66	12.033	126.81	18.067	1.86	24.10	0.62
6.033	1.66	12.067	126.81	18.100	1.86		

Unit Hyd Qpeak (cms)= 0.523

PEAK FLOW (cms)= 0.430 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 57.063
TOTAL RAINFALL (mm)= 103.599
RUNOFF COEFFICIENT = 0.551

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0009)		AREA	QPEAK	TPEAK	R.V.
1 + 2 = 3		(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0101):		3.15	0.430	12.20	57.06
+ ID2= 2 (0103):		1.47	0.226	12.17	57.06
ID = 3 (0009):		4.62	0.651	12.20	57.06

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

100-yr 24hr SCS Type II

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==============================================================================
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       V    V   I    SSSSS  U   U    A    L              (v 6.2.2015)
       V    V   I   SS      U   U   A A   L
        V  V    I     SS     U   U  AAAAA  L
         V V    I       SS   U   U  A   A  L
          VV    I    SSSSS  UUUUU  A   A  LLLLL

        OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
       O   O    T      T    H   H   Y Y   MM MM  O   O
       O   O    T      T    H   H    Y    M M M  O   O
        OOO     T      T    H   H    Y    M   M   OOO
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                    *****  D E T A I L E D    O U T P U T *****


  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\eelfe3a4-48f5-416c-bec2-
dedeb8d38cf6\8046db80-7bf0-478a-a82e-5d2cb9bf74fe\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\eelfe3a4-48f5-416c-bec2-
dedeb8d38cf6\8046db80-7bf0-478a-a82e-5d2cb9bf74fe\scen


DATE: 11/01/2023                          TIME: 03:23:14

USER:


COMMENTS: _____________________________________________________


------------------------------------------------------------------------------
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  ************************************************
  ** SIMULATION : 100yr 24hr 5min SCS Type II ( **
  ************************************************


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|    READ STORM    |    Filename: C:\Users\SAhonen\AppD
|                  |              ata\Local\Temp\
|                  |              6d5b05fb-1890-4746-b627-d3f77a0d2847\a70c05f4
| Ptotal=114.47 mm |    Comments: 100yr 24hr 5min SCS Type II (MTO)
--------------------
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
                0.00    0.00 |  6.08    2.06 | 12.17   16.48 | 18.25    2.06
                0.08    1.26 |  6.17    2.06 | 12.25   16.48 | 18.33    2.06
                0.17    1.26 |  6.25    2.06 | 12.33   16.48 | 18.42    2.06
                0.25    1.26 |  6.33    2.06 | 12.42   16.48 | 18.50    2.06
                0.33    1.26 |  6.42    2.06 | 12.50   16.48 | 18.58    2.06
                0.42    1.26 |  6.50    2.06 | 12.58    8.47 | 18.67    2.06
                0.50    1.26 |  6.58    2.06 | 12.67    8.47 | 18.75    2.06
                0.58    1.26 |  6.67    2.06 | 12.75    8.47 | 18.83    2.06
                0.67    1.26 |  6.75    2.06 | 12.83    8.47 | 18.92    2.06
                0.75    1.26 |  6.83    2.06 | 12.92    8.47 | 19.00    2.06
                0.83    1.26 |  6.92    2.06 | 13.00    8.47 | 19.08    2.06
                0.92    1.26 |  7.00    2.06 | 13.08    6.18 | 19.17    2.06
                1.00    1.26 |  7.08    2.52 | 13.17    6.18 | 19.25    2.06
                1.08    1.26 |  7.17    2.52 | 13.25    6.18 | 19.33    2.06
                1.17    1.26 |  7.25    2.52 | 13.33    6.18 | 19.42    2.06
                1.25    1.26 |  7.33    2.52 | 13.42    6.18 | 19.50    2.06
                1.33    1.26 |  7.42    2.52 | 13.50    6.18 | 19.58    2.06
                1.42    1.26 |  7.50    2.52 | 13.58    4.81 | 19.67    2.06
                1.50    1.26 |  7.58    2.52 | 13.67    4.81 | 19.75    2.06
                1.58    1.26 |  7.67    2.52 | 13.75    4.81 | 19.83    2.06
                1.67    1.26 |  7.75    2.52 | 13.83    4.81 | 19.92    2.06
                1.75    1.26 |  7.83    2.52 | 13.92    4.81 | 20.00    2.06
                1.83    1.26 |  7.92    2.52 | 14.00    4.81 | 20.08    1.37
                1.92    1.26 |  8.00    2.52 | 14.08    3.43 | 20.17    1.37
                2.00    1.26 |  8.08    2.98 | 14.17    3.43 | 20.25    1.37
                2.08    1.49 |  8.17    2.98 | 14.25    3.43 | 20.33    1.37
                2.17    1.49 |  8.25    2.98 | 14.33    3.43 | 20.42    1.37
                2.25    1.49 |  8.33    2.98 | 14.42    3.43 | 20.50    1.37
                2.33    1.49 |  8.42    2.98 | 14.50    3.43 | 20.58    1.37
                2.42    1.49 |  8.50    2.98 | 14.58    3.43 | 20.67    1.37
                2.50    1.49 |  8.58    3.21 | 14.67    3.43 | 20.75    1.37
                2.58    1.49 |  8.67    3.21 | 14.75    3.43 | 20.83    1.37
                2.67    1.49 |  8.75    3.21 | 14.83    3.43 | 20.92    1.37
                2.75    1.49 |  8.83    3.21 | 14.92    3.43 | 21.00    1.37
                2.83    1.49 |  8.92    3.21 | 15.00    3.43 | 21.08    1.37
                2.92    1.49 |  9.00    3.21 | 15.08    3.43 | 21.17    1.37
                3.00    1.49 |  9.08    3.66 | 15.17    3.43 | 21.25    1.37
                3.08    1.49 |  9.17    3.66 | 15.25    3.43 | 21.33    1.37
                3.17    1.49 |  9.25    3.66 | 15.33    3.43 | 21.42    1.37
                3.25    1.49 |  9.33    3.66 | 15.42    3.43 | 21.50    1.37
                3.33    1.49 |  9.42    3.66 | 15.50    3.43 | 21.58    1.37
                3.42    1.49 |  9.50    3.66 | 15.58    3.43 | 21.67    1.37
                3.50    1.49 |  9.58    4.12 | 15.67    3.43 | 21.75    1.37
                3.58    1.49 |  9.67    4.12 | 15.75    3.43 | 21.83    1.37
                3.67    1.49 |  9.75    4.12 | 15.83    3.43 | 21.92    1.37
                3.75    1.49 |  9.83    4.12 | 15.92    3.43 | 22.00    1.37
                3.83    1.49 |  9.92    4.12 | 16.00    3.43 | 22.08    1.37
                3.92    1.49 | 10.00    4.12 | 16.08    2.06 | 22.17    1.37
                4.00    1.49 | 10.08    5.27 | 16.17    2.06 | 22.25    1.37
                4.08    1.83 | 10.17    5.27 | 16.25    2.06 | 22.33    1.37
                4.17    1.83 | 10.25    5.27 | 16.33    2.06 | 22.42    1.37
                4.25    1.83 | 10.33    5.27 | 16.42    2.06 | 22.50    1.37
                4.33    1.83 | 10.42    5.27 | 16.50    2.06 | 22.58    1.37
                4.42    1.83 | 10.50    5.27 | 16.58    2.06 | 22.67    1.37
                4.50    1.83 | 10.58    7.10 | 16.67    2.06 | 22.75    1.37
                4.58    1.83 | 10.67    7.10 | 16.75    2.06 | 22.83    1.37
                4.67    1.83 | 10.75    7.10 | 16.83    2.06 | 22.92    1.37
                4.75    1.83 | 10.83    7.10 | 16.92    2.06 | 23.00    1.37
                4.83    1.83 | 10.92    7.10 | 17.00    2.06 | 23.08    1.37
                4.92    1.83 | 11.00    7.10 | 17.08    2.06 | 23.17    1.37
                5.00    1.83 | 11.08   10.99 | 17.17    2.06 | 23.25    1.37
                5.08    1.83 | 11.17   10.99 | 17.25    2.06 | 23.33    1.37
                5.17    1.83 | 11.25   10.99 | 17.33    2.06 | 23.42    1.37
                5.25    1.83 | 11.33   10.99 | 17.42    2.06 | 23.50    1.37
                5.33    1.83 | 11.42   10.99 | 17.50    2.06 | 23.58    1.37
                5.42    1.83 | 11.50   10.99 | 17.58    2.06 | 23.67    1.37
                5.50    1.83 | 11.58   33.88 | 17.67    2.06 | 23.75    1.37
                5.58    1.83 | 11.67   33.88 | 17.75    2.06 | 23.83    1.37
                5.67    1.83 | 11.75   33.88 | 17.83    2.06 | 23.92    1.37
                5.75    1.83 | 11.83  140.11 | 17.92    2.06 | 24.00    1.37
                5.83    1.83 | 11.92  140.11 | 18.00    2.06 |
                5.92    1.83 | 12.00  140.11 | 18.08    2.06 |
                6.00    1.83 | 12.08   16.48 | 18.17    2.06 |

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| CALIB            |
| NASHYD   (  0102)|   Area     (ha)=  14.73   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
--------------------   U.H. Tp(hrs)=   0.33

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.


                          ---- TRANSFORMED HYETOGRAPH ----
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
                0.033   0.00 |  6.067   1.83 |12.100   78.12 | 18.13    2.06
                0.067   0.00 |  6.100   1.95 |12.133   16.48 | 18.17    2.06
                0.100   0.63 |  6.133   2.06 |12.167   16.48 | 18.20    2.06
                0.133   1.26 |  6.167   2.06 |12.200   16.48 | 18.23    2.06
                0.167   1.26 |  6.200   2.06 |12.233   16.48 | 18.27    2.06
                0.200   1.26 |  6.233   2.06 |12.267   16.48 | 18.30    2.06
                0.233   1.26 |  6.267   2.06 |12.300   16.48 | 18.33    2.06
                0.267   1.26 |  6.300   2.06 |12.333   16.48 | 18.37    2.06
                0.300   1.26 |  6.333   2.06 |12.367   16.48 | 18.40    2.06
                0.333   1.26 |  6.367   2.06 |12.400   16.48 | 18.43    2.06
                0.367   1.26 |  6.400   2.06 |12.433   16.48 | 18.47    2.06
                0.400   1.26 |  6.433   2.06 |12.467   16.48 | 18.50    2.06
                0.433   1.26 |  6.467   2.06 |12.500   16.48 | 18.53    2.06
                0.467   1.26 |  6.500   2.06 |12.533   16.48 | 18.57    2.06
                0.500   1.26 |  6.533   2.06 |12.567   16.48 | 18.60    2.06
                0.533   1.26 |  6.567   2.06 |12.600   12.46 | 18.63    2.06
                0.567   1.26 |  6.600   2.06 |12.633    8.47 | 18.67    2.06
                0.600   1.26 |  6.633   2.06 |12.667    8.47 | 18.70    2.06
                0.633   1.26 |  6.667   2.06 |12.700    8.47 | 18.73    2.06
                0.667   1.26 |  6.700   2.06 |12.733    8.47 | 18.77    2.06
                0.700   1.26 |  6.733   2.06 |12.767    8.47 | 18.80    2.06
                0.733   1.26 |  6.767   2.06 |12.800    8.47 | 18.83    2.06
                0.767   1.26 |  6.800   2.06 |12.833    8.47 | 18.87    2.06
                0.800   1.26 |  6.833   2.06 |12.867    8.47 | 18.90    2.06
                0.833   1.26 |  6.867   2.06 |12.900    8.47 | 18.93    2.06
                0.867   1.26 |  6.900   2.06 |12.933    8.47 | 18.97    2.06
                0.900   1.26 |  6.933   2.06 |12.967    8.47 | 19.00    2.06
                0.933   1.26 |  6.967   2.06 |13.000    8.47 | 19.03    2.06
                0.967   1.26 |  7.000   2.06 |13.033    8.47 | 19.07    2.06
                1.000   1.26 |  7.033   2.06 |13.067    8.47 | 19.10    2.06
                1.033   1.26 |  7.067   2.06 |13.100    7.32 | 19.13    2.06
                1.067   1.26 |  7.100   2.29 |13.133    6.18 | 19.17    2.06
                1.100   1.26 |  7.133   2.52 |13.167    6.18 | 19.20    2.06
                1.133   1.26 |  7.167   2.52 |13.200    6.18 | 19.23    2.06
                1.167   1.26 |  7.200   2.52 |13.233    6.18 | 19.27    2.06
                1.200   1.26 |  7.233   2.52 |13.267    6.18 | 19.30    2.06
                1.233   1.26 |  7.267   2.52 |13.300    6.18 | 19.33    2.06
                1.267   1.26 |  7.300   2.52 |13.333    6.18 | 19.37    2.06
                1.300   1.26 |  7.333   2.52 |13.367    6.18 | 19.40    2.06
                1.333   1.26 |  7.367   2.52 |13.400    6.18 | 19.43    2.06
                1.367   1.26 |  7.400   2.52 |13.433    6.18 | 19.47    2.06
                1.400   1.26 |  7.433   2.52 |13.467    6.18 | 19.50    2.06
                1.433   1.26 |  7.467   2.52 |13.500    6.18 | 19.53    2.06
                1.467   1.26 |  7.500   2.52 |13.533    6.18 | 19.57    2.06
                1.500   1.26 |  7.533   2.52 |13.567    6.18 | 19.60    2.06
                1.533   1.26 |  7.567   2.52 |13.600    5.49 | 19.63    2.06
                1.567   1.26 |  7.600   2.52 |13.633    4.81 | 19.67    2.06
                1.600   1.26 |  7.633   2.52 |13.667    4.81 | 19.70    2.06
                1.633   1.26 |  7.667   2.52 |13.700    4.81 | 19.73    2.06
                1.667   1.26 |  7.700   2.52 |13.733    4.81 | 19.77    2.06
                1.700   1.26 |  7.733   2.52 |13.767    4.81 | 19.80    2.06
                1.733   1.26 |  7.767   2.52 |13.800    4.81 | 19.83    2.06
                1.767   1.26 |  7.800   2.52 |13.833    4.81 | 19.87    2.06
                1.800   1.26 |  7.833   2.52 |13.867    4.81 | 19.90    2.06
                1.833   1.26 |  7.867   2.52 |13.900    4.81 | 19.93    2.06
                1.867   1.26 |  7.900   2.52 |13.933    4.81 | 19.97    2.06
                1.900   1.26 |  7.933   2.52 |13.967    4.81 | 20.00    2.06
                1.933   1.26 |  7.967   2.52 |14.000    4.81 | 20.03    2.06
                1.967   1.26 |  8.000   2.52 |14.033    4.81 | 20.07    2.06
                2.000   1.26 |  8.033   2.52 |14.067    4.81 | 20.10    1.72
                2.033   1.26 |  8.067   2.52 |14.100    4.12 | 20.13    1.37
                2.067   1.26 |  8.100   2.75 |14.133    3.43 | 20.17    1.37
                2.100   1.37 |  8.133   2.98 |14.167    3.43 | 20.20    1.37
                2.133   1.49 |  8.167   2.98 |14.200    3.43 | 20.23    1.37
                2.167   1.49 |  8.200   2.98 |14.233    3.43 | 20.27    1.37
                2.200   1.49 |  8.233   2.98 |14.267    3.43 | 20.30    1.37
                2.233   1.49 |  8.267   2.98 |14.300    3.43 | 20.33    1.37
                2.267   1.49 |  8.300   2.98 |14.333    3.43 | 20.37    1.37
                2.300   1.49 |  8.333   2.98 |14.367    3.43 | 20.40    1.37
                2.333   1.49 |  8.367   2.98 |14.400    3.43 | 20.43    1.37
                2.367   1.49 |  8.400   2.98 |14.433    3.43 | 20.47    1.37
                2.400   1.49 |  8.433   2.98 |14.467    3.43 | 20.50    1.37
                2.433   1.49 |  8.467   2.98 |14.500    3.43 | 20.53    1.37
                2.467   1.49 |  8.500   2.98 |14.533    3.43 | 20.57    1.37
                2.500   1.49 |  8.533   2.98 |14.567    3.43 | 20.60    1.37
                2.533   1.49 |  8.567   2.98 |14.600    3.43 | 20.63    1.37
                2.567   1.49 |  8.600   3.09 |14.633    3.43 | 20.67    1.37
                2.600   1.49 |  8.633   3.21 |14.667    3.43 | 20.70    1.37
                2.633   1.49 |  8.667   3.21 |14.700    3.43 | 20.73    1.37
                2.667   1.49 |  8.700   3.21 |14.733    3.43 | 20.77    1.37
                2.700   1.49 |  8.733   3.21 |14.767    3.43 | 20.80    1.37
                2.733   1.49 |  8.767   3.21 |14.800    3.43 | 20.83    1.37
                2.767   1.49 |  8.800   3.21 |14.833    3.43 | 20.87    1.37
                2.800   1.49 |  8.833   3.21 |14.867    3.43 | 20.90    1.37
                2.833   1.49 |  8.867   3.21 |14.900    3.43 | 20.93    1.37
                2.867   1.49 |  8.900   3.21 |14.933    3.43 | 20.97    1.37
                2.900   1.49 |  8.933   3.21 |14.967    3.43 | 21.00    1.37
                2.933   1.49 |  8.967   3.21 |15.000    3.43 | 21.03    1.37
                2.967   1.49 |  9.000   3.21 |15.033    3.43 | 21.07    1.37
                3.000   1.49 |  9.033   3.21 |15.067    3.43 | 21.10    1.37
                3.033   1.49 |  9.067   3.21 |15.100    3.43 | 21.13    1.37
                3.067   1.49 |  9.100   3.43 |15.133    3.43 | 21.17    1.37
                3.100   1.49 |  9.133   3.66 |15.167    3.43 | 21.20    1.37
                3.133   1.49 |  9.167   3.66 |15.200    3.43 | 21.23    1.37
                3.167   1.49 |  9.200   3.66 |15.233    3.43 | 21.27    1.37
                3.200   1.49 |  9.233   3.66 |15.267    3.43 | 21.30    1.37
                3.233   1.49 |  9.267   3.66 |15.300    3.43 | 21.33    1.37
                3.267   1.49 |  9.300   3.66 |15.333    3.43 | 21.37    1.37
                3.300   1.49 |  9.333   3.66 |15.367    3.43 | 21.40    1.37
                3.333   1.49 |  9.367   3.66 |15.400    3.43 | 21.43    1.37
                3.367   1.49 |  9.400   3.66 |15.433    3.43 | 21.47    1.37
                3.400   1.49 |  9.433   3.66 |15.467    3.43 | 21.50    1.37
                3.433   1.49 |  9.467   3.66 |15.500    3.43 | 21.53    1.37
                3.467   1.49 |  9.500   3.66 |15.533    3.43 | 21.57    1.37
                3.500   1.49 |  9.533   3.66 |15.567    3.43 | 21.60    1.37
                3.533   1.49 |  9.567   3.66 |15.600    3.43 | 21.63    1.37
                3.567   1.49 |  9.600   3.89 |15.633    3.43 | 21.67    1.37
                3.600   1.49 |  9.633   4.12 |15.667    3.43 | 21.70    1.37
                3.633   1.49 |  9.667   4.12 |15.700    3.43 | 21.73    1.37
                3.667   1.49 |  9.700   4.12 |15.733    3.43 | 21.77    1.37
                3.700   1.49 |  9.733   4.12 |15.767    3.43 | 21.80    1.37
                3.733   1.49 |  9.767   4.12 |15.800    3.43 | 21.83    1.37
                3.767   1.49 |  9.800   4.12 |15.833    3.43 | 21.87    1.37
                3.800   1.49 |  9.833   4.12 |15.867    3.43 | 21.90    1.37
                3.833   1.49 |  9.867   4.12 |15.900    3.43 | 21.93    1.37
                3.867   1.49 |  9.900   4.12 |15.933    3.43 | 21.97    1.37
                3.900   1.49 |  9.933   4.12 |15.967    3.43 | 22.00    1.37
                3.933   1.49 |  9.967   4.12 |16.000    3.43 | 22.03    1.37
                3.967   1.49 | 10.000   4.12 |16.033    3.43 | 22.07    1.37
                4.000   1.49 |10.033    4.12 |16.067    3.43 | 22.10    1.37
                4.033   1.49 |10.067    4.12 |16.100    2.74 | 22.13    1.37
                4.067   1.49 |10.100    4.69 |16.133    2.06 | 22.17    1.37
                4.100   1.66 |10.133    5.27 |16.167    2.06 | 22.20    1.37
                4.133   1.83 |10.167    5.27 |16.200    2.06 | 22.23    1.37
                4.167   1.83 |10.200    5.27 |16.233    2.06 | 22.27    1.37
                4.200   1.83 |10.233    5.27 |16.267    2.06 | 22.30    1.37
                4.233   1.83 |10.267    5.27 |16.300    2.06 | 22.33    1.37
                4.267   1.83 |10.300    5.27 |16.333    2.06 | 22.37    1.37
                4.300   1.83 |10.333    5.27 |16.367    2.06 | 22.40    1.37
                4.333   1.83 |10.367    5.27 |16.400    2.06 | 22.43    1.37
                4.367   1.83 |10.400    5.27 |16.433    2.06 | 22.47    1.37
                4.400   1.83 |10.433    5.27 |16.467    2.06 | 22.50    1.37
                4.433   1.83 |10.467    5.27 |16.500    2.06 | 22.53    1.37
                4.467   1.83 |10.500    5.27 |16.533    2.06 | 22.57    1.37
                4.500   1.83 |10.533    5.27 |16.567    2.06 | 22.60    1.37
                4.533   1.83 |10.567    5.27 |16.600    2.06 | 22.63    1.37
                4.567   1.83 |10.600    6.18 |16.633    2.06 | 22.67    1.37
                4.600   1.83 |10.633    7.10 |16.667    2.06 | 22.70    1.37
                4.633   1.83 |10.667    7.10 |16.700    2.06 | 22.73    1.37
                4.667   1.83 |10.700    7.10 |16.733    2.06 | 22.77    1.37
                4.700   1.83 |10.733    7.10 |16.767    2.06 | 22.80    1.37
                4.733   1.83 |10.767    7.10 |16.800    2.06 | 22.83    1.37
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100-yr 24hr SCS Type II

4.767	1.83	10.800	7.10	16.833	2.06	22.87	1.37
4.800	1.83	10.833	7.10	16.867	2.06	22.90	1.37
4.833	1.83	10.867	7.10	16.900	2.06	22.93	1.37
4.867	1.83	10.900	7.10	16.933	2.06	22.97	1.37
4.900	1.83	10.933	7.10	16.967	2.06	23.00	1.37
4.933	1.83	10.967	7.10	17.000	2.06	23.03	1.37
4.967	1.83	11.000	7.10	17.033	2.06	23.07	1.37
5.000	1.83	11.033	7.10	17.067	2.06	23.10	1.37
5.033	1.83	11.067	7.10	17.100	2.06	23.13	1.37
5.067	1.83	11.100	9.05	17.133	2.06	23.17	1.37
5.100	1.83	11.133	10.99	17.167	2.06	23.20	1.37
5.133	1.83	11.167	10.99	17.200	2.06	23.23	1.37
5.167	1.83	11.200	10.99	17.233	2.06	23.27	1.37
5.200	1.83	11.233	10.99	17.267	2.06	23.30	1.37
5.233	1.83	11.267	10.99	17.300	2.06	23.33	1.37
5.267	1.83	11.300	10.99	17.333	2.06	23.37	1.37
5.300	1.83	11.333	10.99	17.367	2.06	23.40	1.37
5.333	1.83	11.367	10.99	17.400	2.06	23.43	1.37
5.367	1.83	11.400	10.99	17.433	2.06	23.47	1.37
5.400	1.83	11.433	10.99	17.467	2.06	23.50	1.37
5.433	1.83	11.467	10.99	17.500	2.06	23.53	1.37
5.467	1.83	11.500	10.99	17.533	2.06	23.57	1.37
5.500	1.83	11.533	10.99	17.567	2.06	23.60	1.37
5.533	1.83	11.567	10.99	17.600	2.06	23.63	1.37
5.567	1.83	11.600	22.46	17.633	2.06	23.67	1.37
5.600	1.83	11.633	33.88	17.667	2.06	23.70	1.37
5.633	1.83	11.667	33.88	17.700	2.06	23.73	1.37
5.667	1.83	11.700	33.88	17.733	2.06	23.77	1.37
5.700	1.83	11.733	33.88	17.767	2.06	23.80	1.37
5.733	1.83	11.767	33.88	17.800	2.06	23.83	1.37
5.767	1.83	11.800	33.88	17.833	2.06	23.87	1.37
5.800	1.83	11.833	34.02	17.867	2.06	23.90	1.37
5.833	1.83	11.867	140.11	17.900	2.06	23.93	1.37
5.867	1.83	11.900	140.11	17.933	2.06	23.97	1.37
5.900	1.83	11.933	140.11	17.967	2.06	24.00	1.37
5.933	1.83	11.967	140.11	18.000	2.06	24.03	1.37
5.967	1.83	12.000	140.11	18.033	2.06	24.07	1.37
6.000	1.83	12.033	140.11	18.067	2.06	24.10	0.69
6.033	1.83	12.067	140.11	18.100	2.06		

Unit Hyd Qpeak (cms)= 1.705

PEAK FLOW (cms)= 1.817 (i)
TIME TO PEAK (hrs)= 12.300
RUNOFF VOLUME (mm)= 66.214
TOTAL RAINFALL (mm)= 114.469
RUNOFF COEFFICIENT = 0.578

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0105)	Area	(ha)=	3.55	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)=	3.00
	U.H. Tp(hrs)=		0.24		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.83	12.100	78.12	18.13	2.06
0.067	0.00	6.100	1.95	12.133	16.48	18.17	2.06
0.100	0.63	6.133	2.06	12.167	16.48	18.20	2.06
0.133	1.26	6.167	2.06	12.200	16.48	18.23	2.06
0.167	1.26	6.200	2.06	12.233	16.48	18.27	2.06
0.200	1.26	6.233	2.06	12.267	16.48	18.30	2.06
0.233	1.26	6.267	2.06	12.300	16.48	18.33	2.06
0.267	1.26	6.300	2.06	12.333	16.48	18.37	2.06
0.300	1.26	6.333	2.06	12.367	16.48	18.40	2.06
0.333	1.26	6.367	2.06	12.400	16.48	18.43	2.06
0.367	1.26	6.400	2.06	12.433	16.48	18.47	2.06
0.400	1.26	6.433	2.06	12.467	16.48	18.50	2.06
0.433	1.26	6.467	2.06	12.500	16.48	18.53	2.06
0.467	1.26	6.500	2.06	12.533	16.48	18.57	2.06
0.500	1.26	6.533	2.06	12.567	16.48	18.60	2.06
0.533	1.26	6.567	2.06	12.600	12.46	18.63	2.06
0.567	1.26	6.600	2.06	12.633	8.47	18.67	2.06
0.600	1.26	6.633	2.06	12.667	8.47	18.70	2.06
0.633	1.26	6.667	2.06	12.700	8.47	18.73	2.06
0.667	1.26	6.700	2.06	12.733	8.47	18.77	2.06
0.700	1.26	6.733	2.06	12.767	8.47	18.80	2.06
0.733	1.26	6.767	2.06	12.800	8.47	18.83	2.06
0.767	1.26	6.800	2.06	12.833	8.47	18.87	2.06
0.800	1.26	6.833	2.06	12.867	8.47	18.90	2.06
0.833	1.26	6.867	2.06	12.900	8.47	18.93	2.06
0.867	1.26	6.900	2.06	12.933	8.47	18.97	2.06
0.900	1.26	6.933	2.06	12.967	8.47	19.00	2.06
0.933	1.26	6.967	2.06	13.000	8.47	19.03	2.06
0.967	1.26	7.000	2.06	13.033	8.47	19.07	2.06
1.000	1.26	7.033	2.06	13.067	8.47	19.10	2.06
1.033	1.26	7.067	2.06	13.100	7.32	19.13	2.06
1.067	1.26	7.100	2.29	13.133	6.18	19.17	2.06
1.100	1.26	7.133	2.52	13.167	6.18	19.20	2.06
1.133	1.26	7.167	2.52	13.200	6.18	19.23	2.06
1.167	1.26	7.200	2.52	13.233	6.18	19.27	2.06
1.200	1.26	7.233	2.52	13.267	6.18	19.30	2.06
1.233	1.26	7.267	2.52	13.300	6.18	19.33	2.06
1.267	1.26	7.300	2.52	13.333	6.18	19.37	2.06
1.300	1.26	7.333	2.52	13.367	6.18	19.40	2.06
1.333	1.26	7.367	2.52	13.400	6.18	19.43	2.06
1.367	1.26	7.400	2.52	13.433	6.18	19.47	2.06
1.400	1.26	7.433	2.52	13.467	6.18	19.50	2.06
1.433	1.26	7.467	2.52	13.500	6.18	19.53	2.06
1.467	1.26	7.500	2.52	13.533	6.18	19.57	2.06
1.500	1.26	7.533	2.52	13.567	6.18	19.60	2.06
1.533	1.26	7.567	2.52	13.600	5.49	19.63	2.06
1.567	1.26	7.600	2.52	13.633	4.81	19.67	2.06
1.600	1.26	7.633	2.52	13.667	4.81	19.70	2.06
1.633	1.26	7.667	2.52	13.700	4.81	19.73	2.06
1.667	1.26	7.700	2.52	13.733	4.81	19.77	2.06
1.700	1.26	7.733	2.52	13.767	4.81	19.80	2.06
1.733	1.26	7.767	2.52	13.800	4.81	19.83	2.06
1.767	1.26	7.800	2.52	13.833	4.81	19.87	2.06
1.800	1.26	7.833	2.52	13.867	4.81	19.90	2.06
1.833	1.26	7.867	2.52	13.900	4.81	19.93	2.06
1.867	1.26	7.900	2.52	13.933	4.81	19.97	2.06
1.900	1.26	7.933	2.52	13.967	4.81	20.00	2.06
1.933	1.26	7.967	2.52	14.000	4.81	20.03	2.06
1.967	1.26	8.000	2.52	14.033	4.81	20.07	2.06
2.000	1.26	8.033	2.52	14.067	4.81	20.10	1.72
2.033	1.26	8.067	2.52	14.100	4.12	20.13	1.37
2.067	1.26	8.100	2.75	14.133	3.43	20.17	1.37
2.100	1.37	8.133	2.98	14.167	3.43	20.20	1.37
2.133	1.49	8.167	2.98	14.200	3.43	20.23	1.37
2.167	1.49	8.200	2.98	14.233	3.43	20.27	1.37
2.200	1.49	8.233	2.98	14.267	3.43	20.30	1.37
2.233	1.49	8.267	2.98	14.300	3.43	20.33	1.37
2.267	1.49	8.300	2.98	14.333	3.43	20.37	1.37
2.300	1.49	8.333	2.98	14.367	3.43	20.40	1.37
2.333	1.49	8.367	2.98	14.400	3.43	20.43	1.37
2.367	1.49	8.400	2.98	14.433	3.43	20.47	1.37
2.400	1.49	8.433	2.98	14.467	3.43	20.50	1.37
2.433	1.49	8.467	2.98	14.500	3.43	20.53	1.37
2.467	1.49	8.500	2.98	14.533	3.43	20.57	1.37
2.500	1.49	8.533	2.98	14.567	3.43	20.60	1.37
2.533	1.49	8.567	2.98	14.600	3.43	20.63	1.37
2.567	1.49	8.600	3.09	14.633	3.43	20.67	1.37
2.600	1.49	8.633	3.21	14.667	3.43	20.70	1.37
2.633	1.49	8.667	3.21	14.700	3.43	20.73	1.37
2.667	1.49	8.700	3.21	14.733	3.43	20.77	1.37
2.700	1.49	8.733	3.21	14.767	3.43	20.80	1.37
2.733	1.49	8.767	3.21	14.800	3.43	20.83	1.37
2.767	1.49	8.800	3.21	14.833	3.43	20.87	1.37
2.800	1.49	8.833	3.21	14.867	3.43	20.90	1.37
2.833	1.49	8.867	3.21	14.900	3.43	20.93	1.37
2.867	1.49	8.900	3.21	14.933	3.43	20.97	1.37
2.900	1.49	8.933	3.21	14.967	3.43	21.00	1.37
2.933	1.49	8.967	3.21	15.000	3.43	21.03	1.37
2.967	1.49	9.000	3.21	15.033	3.43	21.07	1.37
3.000	1.49	9.033	3.21	15.067	3.43	21.10	1.37
3.033	1.49	9.067	3.21	15.100	3.43	21.13	1.37
3.067	1.49	9.100	3.43	15.133	3.43	21.17	1.37
3.100	1.49	9.133	3.66	15.167	3.43	21.20	1.37
3.133	1.49	9.167	3.66	15.200	3.43	21.23	1.37
3.167	1.49	9.200	3.66	15.233	3.43	21.27	1.37
3.200	1.49	9.233	3.66	15.267	3.43	21.30	1.37
3.233	1.49	9.267	3.66	15.300	3.43	21.33	1.37
3.267	1.49	9.300	3.66	15.333	3.43	21.37	1.37
3.300	1.49	9.333	3.66	15.367	3.43	21.40	1.37
3.333	1.49	9.367	3.66	15.400	3.43	21.43	1.37
3.367	1.49	9.400	3.66	15.433	3.43	21.47	1.37
3.400	1.49	9.433	3.66	15.467	3.43	21.50	1.37
3.433	1.49	9.467	3.66	15.500	3.43	21.53	1.37
3.467	1.49	9.500	3.66	15.533	3.43	21.57	1.37
3.500	1.49	9.533	3.66	15.567	3.43	21.60	1.37
3.533	1.49	9.567	3.66	15.600	3.43	21.63	1.37
3.567	1.49	9.600	3.89	15.633	3.43	21.67	1.37
3.600	1.49	9.633	4.12	15.667	3.43	21.70	1.37
3.633	1.49	9.667	4.12	15.700	3.43	21.73	1.37
3.667	1.49	9.700	4.12	15.733	3.43	21.77	1.37
3.700	1.49	9.733	4.12	15.767	3.43	21.80	1.37
3.733	1.49	9.767	4.12	15.800	3.43	21.83	1.37
3.767	1.49	9.800	4.12	15.833	3.43	21.87	1.37
3.800	1.49	9.833	4.12	15.867	3.43	21.90	1.37
3.833	1.49	9.867	4.12	15.900	3.43	21.93	1.37
3.867	1.49	9.900	4.12	15.933	3.43	21.97	1.37
3.900	1.49	9.933	4.12	15.967	3.43	22.00	1.37
3.933	1.49	9.967	4.12	16.000	3.43	22.03	1.37
3.967	1.49	10.000	4.12	16.033	3.43	22.07	1.37
4.000	1.49	10.033	4.12	16.067	3.43	22.10	1.37
4.033	1.49	10.067	4.12	16.100	2.74	22.13	1.37
4.067	1.49	10.100	4.69	16.133	2.06	22.17	1.37
4.100	1.66	10.133	5.27	16.167	2.06	22.20	1.37
4.133	1.83	10.167	5.27	16.200	2.06	22.23	1.37
4.167	1.83	10.200	5.27	16.233	2.06	22.27	1.37
4.200	1.83	10.233	5.27	16.267	2.06	22.30	1.37
4.233	1.83	10.267	5.27	16.300	2.06	22.33	1.37
4.267	1.83	10.300	5.27	16.333	2.06	22.37	1.37
4.300	1.83	10.333	5.27	16.367	2.06	22.40	1.37
4.333	1.83	10.367	5.27	16.400	2.06	22.43	1.37
4.367	1.83	10.400	5.27	16.433	2.06	22.47	1.37
4.400	1.83	10.433	5.27	16.467	2.06	22.50	1.37
4.433	1.83	10.467	5.27	16.500	2.06	22.53	1.37
4.467	1.83	10.500	5.27	16.533	2.06	22.57	1.37
4.500	1.83	10.533	5.27	16.567	2.06	22.60	1.37
4.533	1.83	10.567	5.27	16.600	2.06	22.63	1.37
4.567	1.83	10.600	6.18	16.633	2.06	22.67	1.37
4.600	1.83	10.633	7.10	16.667	2.06	22.70	1.37
4.633	1.83	10.667	7.10	16.700	2.06	22.73	1.37
4.667	1.83	10.700	7.10	16.733	2.06	22.77	1.37
4.700	1.83	10.733	7.10	16.767	2.06	22.80	1.37
4.733	1.83	10.767	7.10	16.800	2.06	22.83	1.37
4.767	1.83	10.800	7.10	16.833	2.06	22.87	1.37
4.800	1.83	10.833	7.10	16.867	2.06	22.90	1.37
4.833	1.83	10.867	7.10	16.900	2.06	22.93	1.37
4.867	1.83	10.900	7.10	16.933	2.06	22.97	1.37
4.900	1.83	10.933	7.10	16.967	2.06	23.00	1.37
4.933	1.83	10.967	7.10	17.000	2.06	23.03	1.37
4.967	1.83	11.000	7.10	17.033	2.06	23.07	1.37
5.000	1.83	11.033	7.10	17.067	2.06	23.10	1.37
5.033	1.83	11.067	7.10	17.100	2.06	23.13	1.37
5.067	1.83	11.100	9.05	17.133	2.06	23.17	1.37
5.100	1.83	11.133	10.99	17.167	2.06	23.20	1.37
5.133	1.83	11.167	10.99	17.200	2.06	23.23	1.37
5.167	1.83	11.200	10.99	17.233	2.06	23.27	1.37
5.200	1.83	11.233	10.99	17.267	2.06	23.30	1.37
5.233	1.83	11.267	10.99	17.300	2.06	23.33	1.37
5.267	1.83	11.300	10.99	17.333	2.06	23.37	1.37
5.300	1.83	11.333	10.99	17.367	2.06	23.40	1.37
5.333	1.83	11.367	10.99	17.400	2.06	23.43	1.37
5.367	1.83	11.400	10.99	17.433	2.06	23.47	1.37
5.400	1.83	11.433	10.99	17.467	2.06	23.50	1.37
5.433	1.83	11.467	10.99	17.500	2.06	23.53	1.37
5.467	1.83	11.500	10.99	17.533	2.06	23.57	1.37
5.500	1.83	11.533	10.99	17.567	2.06	23.60	1.37
5.533	1.83	11.567	10.99	17.600	2.06	23.63	1.37
5.567	1.83	11.600	22.46	17.633	2.06	23.67	1.37
5.600	1.83	11.633	33.88	17.667	2.06	23.70	1.37
5.633	1.83	11.667	33.88	17.700	2.06	23.73	1.37
5.667	1.83	11.700	33.88	17.733	2.06	23.77	1.37
5.700	1.83	11.733	33.88	17.767	2.06	23.80	1.37
5.733	1.83	11.767	33.88	17.800	2.06	23.83	1.37
5.767	1.83	11.800	33.88	17.833	2.06	23.87	1.37
5.800	1.83	11.833	34.02	17.867	2.06	23.90	1.37
5.833	1.83	11.867	140.11	17.900	2.06	23.93	1.37
5.867	1.83	11.900	140.11	17.933	2.06	23.97	1.37
5.900	1.83	11.933	140.11	17.967	2.06	24.00	1.37
5.933	1.83	11.967	140.11	18.000	2.06	24.03	1.37
5.967	1.83	12.000	140.11	18.033	2.06	24.07	1.37
6.000	1.83	12.033	140.11	18.067	2.06	24.10	0.69
6.033	1.83	12.067	140.11	18.100	2.06		

Unit Hyd Qpeak (cms)= 0.565

PEAK FLOW (cms)= 0.546 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 66.213
TOTAL RAINFALL (mm)= 114.469
RUNOFF COEFFICIENT = 0.578

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0106)	Area	(ha)=	0.36	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)=	3.00
	U.H. Tp(hrs)=		0.14		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.83	12.100	78.12	18.13	2.06
0.067	0.00	6.100	1.95	12.133	16.48	18.17	2.06
0.100	0.63	6.133	2.06	12.167	16.48	18.20	2.06
0.133	1.26	6.167	2.06	12.200	16.48	18.23	2.06
0.167	1.26	6.200	2.06	12.233	16.48	18.27	2.06
0.200	1.26	6.233	2.06	12.267	16.48	18.30	2.06
0.233	1.26	6.267	2.06	12.300	16.48	18.33	2.06
0.267	1.26	6.300	2.06	12.333	16.48	18.37	2.06
0.300	1.26	6.333	2.06	12.367	16.48	18.40	2.06
0.333	1.26	6.367	2.06	12.400	16.48	18.43	2.06
0.367	1.26	6.400	2.06	12.433	16.48	18.47	2.06
0.400	1.26	6.433	2.06	12.467	16.48	18.50	2.06
0.433	1.26	6.467	2.06	12.500	16.48	18.53	2.06
0.467	1.26	6.500	2.06	12.533	16.48	18.57	2.06
0.500	1.26	6.533	2.06	12.567	16.48	18.60	2.06
0.533	1.26	6.567	2.06	12.600	12.46	18.63	2.06
0.567	1.26	6.600	2.06	12.633	8.47	18.67	2.06
0.600	1.26	6.633	2.06	12.667	8.47	18.70	2.06

100-yr 24hr SCS Type II

0.633	1.26	6.667	2.06	12.700	8.47	18.73	2.06
0.667	1.26	6.700	2.06	12.733	8.47	18.77	2.06
0.700	1.26	6.733	2.06	12.767	8.47	18.80	2.06
0.733	1.26	6.767	2.06	12.800	8.47	18.83	2.06
0.767	1.26	6.800	2.06	12.833	8.47	18.87	2.06
0.800	1.26	6.833	2.06	12.867	8.47	18.90	2.06
0.833	1.26	6.867	2.06	12.900	8.47	18.93	2.06
0.867	1.26	6.900	2.06	12.933	8.47	18.97	2.06
0.900	1.26	6.933	2.06	12.967	8.47	19.00	2.06
0.933	1.26	6.967	2.06	13.000	8.47	19.03	2.06
0.967	1.26	7.000	2.06	13.033	8.47	19.07	2.06
1.000	1.26	7.033	2.06	13.067	8.47	19.10	2.06
1.033	1.26	7.067	2.06	13.100	7.32	19.13	2.06
1.067	1.26	7.100	2.29	13.133	6.18	19.17	2.06
1.100	1.26	7.133	2.52	13.167	6.18	19.20	2.06
1.133	1.26	7.167	2.52	13.200	6.18	19.23	2.06
1.167	1.26	7.200	2.52	13.233	6.18	19.27	2.06
1.200	1.26	7.233	2.52	13.267	6.18	19.30	2.06
1.233	1.26	7.267	2.52	13.300	6.18	19.33	2.06
1.267	1.26	7.300	2.52	13.333	6.18	19.37	2.06
1.300	1.26	7.333	2.52	13.367	6.18	19.40	2.06
1.333	1.26	7.367	2.52	13.400	6.18	19.43	2.06
1.367	1.26	7.400	2.52	13.433	6.18	19.47	2.06
1.400	1.26	7.433	2.52	13.467	6.18	19.50	2.06
1.433	1.26	7.467	2.52	13.500	6.18	19.53	2.06
1.467	1.26	7.500	2.52	13.533	6.18	19.57	2.06
1.500	1.26	7.533	2.52	13.567	6.18	19.60	2.06
1.533	1.26	7.567	2.52	13.600	5.49	19.63	2.06
1.567	1.26	7.600	2.52	13.633	4.81	19.67	2.06
1.600	1.26	7.633	2.52	13.667	4.81	19.70	2.06
1.633	1.26	7.667	2.52	13.700	4.81	19.73	2.06
1.667	1.26	7.700	2.52	13.733	4.81	19.77	2.06
1.700	1.26	7.733	2.52	13.767	4.81	19.80	2.06
1.733	1.26	7.767	2.52	13.800	4.81	19.83	2.06
1.767	1.26	7.800	2.52	13.833	4.81	19.87	2.06
1.800	1.26	7.833	2.52	13.867	4.81	19.90	2.06
1.833	1.26	7.867	2.52	13.900	4.81	19.93	2.06
1.867	1.26	7.900	2.52	13.933	4.81	19.97	2.06
1.900	1.26	7.933	2.52	13.967	4.81	20.00	2.06
1.933	1.26	7.967	2.52	14.000	4.81	20.03	2.06
1.967	1.26	8.000	2.52	14.033	4.81	20.07	2.06
2.000	1.26	8.033	2.52	14.067	4.81	20.10	1.72
2.033	1.26	8.067	2.52	14.100	4.12	20.13	1.37
2.067	1.26	8.100	2.75	14.133	3.43	20.17	1.37
2.100	1.37	8.133	2.98	14.167	3.43	20.20	1.37
2.133	1.49	8.167	2.98	14.200	3.43	20.23	1.37
2.167	1.49	8.200	2.98	14.233	3.43	20.27	1.37
2.200	1.49	8.233	2.98	14.267	3.43	20.30	1.37
2.233	1.49	8.267	2.98	14.300	3.43	20.33	1.37
2.267	1.49	8.300	2.98	14.333	3.43	20.37	1.37
2.300	1.49	8.333	2.98	14.367	3.43	20.40	1.37
2.333	1.49	8.367	2.98	14.400	3.43	20.43	1.37
2.367	1.49	8.400	2.98	14.433	3.43	20.47	1.37
2.400	1.49	8.433	2.98	14.467	3.43	20.50	1.37
2.433	1.49	8.467	2.98	14.500	3.43	20.53	1.37
2.467	1.49	8.500	2.98	14.533	3.43	20.57	1.37
2.500	1.49	8.533	2.98	14.567	3.43	20.60	1.37
2.533	1.49	8.567	2.98	14.600	3.43	20.63	1.37
2.567	1.49	8.600	3.09	14.633	3.43	20.67	1.37
2.600	1.49	8.633	3.21	14.667	3.43	20.70	1.37
2.633	1.49	8.667	3.21	14.700	3.43	20.73	1.37
2.667	1.49	8.700	3.21	14.733	3.43	20.77	1.37
2.700	1.49	8.733	3.21	14.767	3.43	20.80	1.37
2.733	1.49	8.767	3.21	14.800	3.43	20.83	1.37
2.767	1.49	8.800	3.21	14.833	3.43	20.87	1.37
2.800	1.49	8.833	3.21	14.867	3.43	20.90	1.37
2.833	1.49	8.867	3.21	14.900	3.43	20.93	1.37
2.867	1.49	8.900	3.21	14.933	3.43	20.97	1.37
2.900	1.49	8.933	3.21	14.967	3.43	21.00	1.37
2.933	1.49	8.967	3.21	15.000	3.43	21.03	1.37
2.967	1.49	9.000	3.21	15.033	3.43	21.07	1.37
3.000	1.49	9.033	3.21	15.067	3.43	21.10	1.37
3.033	1.49	9.067	3.21	15.100	3.43	21.13	1.37
3.067	1.49	9.100	3.43	15.133	3.43	21.17	1.37
3.100	1.49	9.133	3.66	15.167	3.43	21.20	1.37
3.133	1.49	9.167	3.66	15.200	3.43	21.23	1.37
3.167	1.49	9.200	3.66	15.233	3.43	21.27	1.37
3.200	1.49	9.233	3.66	15.267	3.43	21.30	1.37
3.233	1.49	9.267	3.66	15.300	3.43	21.33	1.37
3.267	1.49	9.300	3.66	15.333	3.43	21.37	1.37
3.300	1.49	9.333	3.66	15.367	3.43	21.40	1.37
3.333	1.49	9.367	3.66	15.400	3.43	21.43	1.37
3.367	1.49	9.400	3.66	15.433	3.43	21.47	1.37
3.400	1.49	9.433	3.66	15.467	3.43	21.50	1.37
3.433	1.49	9.467	3.66	15.500	3.43	21.53	1.37
3.467	1.49	9.500	3.66	15.533	3.43	21.57	1.37
3.500	1.49	9.533	3.66	15.567	3.43	21.60	1.37
3.533	1.49	9.567	3.66	15.600	3.43	21.63	1.37
3.567	1.49	9.600	3.89	15.633	3.43	21.67	1.37
3.600	1.49	9.633	4.12	15.667	3.43	21.70	1.37
3.633	1.49	9.667	4.12	15.700	3.43	21.73	1.37
3.667	1.49	9.700	4.12	15.733	3.43	21.77	1.37
3.700	1.49	9.733	4.12	15.767	3.43	21.80	1.37
3.733	1.49	9.767	4.12	15.800	3.43	21.83	1.37
3.767	1.49	9.800	4.12	15.833	3.43	21.87	1.37
3.800	1.49	9.833	4.12	15.867	3.43	21.90	1.37
3.833	1.49	9.867	4.12	15.900	3.43	21.93	1.37
3.867	1.49	9.900	4.12	15.933	3.43	21.97	1.37
3.900	1.49	9.933	4.12	15.967	3.43	22.00	1.37
3.933	1.49	9.967	4.12	16.000	3.43	22.03	1.37
3.967	1.49	10.000	4.12	16.033	3.43	22.07	1.37
4.000	1.49	10.033	4.12	16.067	3.43	22.10	1.37
4.033	1.49	10.067	4.12	16.100	2.74	22.13	1.37
4.067	1.49	10.100	4.69	16.133	2.06	22.17	1.37
4.100	1.66	10.133	5.27	16.167	2.06	22.20	1.37
4.133	1.83	10.167	5.27	16.200	2.06	22.23	1.37
4.167	1.83	10.200	5.27	16.233	2.06	22.27	1.37
4.200	1.83	10.233	5.27	16.267	2.06	22.30	1.37
4.233	1.83	10.267	5.27	16.300	2.06	22.33	1.37
4.267	1.83	10.300	5.27	16.333	2.06	22.37	1.37
4.300	1.83	10.333	5.27	16.367	2.06	22.40	1.37
4.333	1.83	10.367	5.27	16.400	2.06	22.43	1.37
4.367	1.83	10.400	5.27	16.433	2.06	22.47	1.37
4.400	1.83	10.433	5.27	16.467	2.06	22.50	1.37
4.433	1.83	10.467	5.27	16.500	2.06	22.53	1.37
4.467	1.83	10.500	5.27	16.533	2.06	22.57	1.37
4.500	1.83	10.533	5.27	16.567	2.06	22.60	1.37
4.533	1.83	10.567	5.27	16.600	2.06	22.63	1.37
4.567	1.83	10.600	6.18	16.633	2.06	22.67	1.37
4.600	1.83	10.633	7.10	16.667	2.06	22.70	1.37
4.633	1.83	10.667	7.10	16.700	2.06	22.73	1.37
4.667	1.83	10.700	7.10	16.733	2.06	22.77	1.37
4.700	1.83	10.733	7.10	16.767	2.06	22.80	1.37
4.733	1.83	10.767	7.10	16.800	2.06	22.83	1.37
4.767	1.83	10.800	7.10	16.833	2.06	22.87	1.37
4.800	1.83	10.833	7.10	16.867	2.06	22.90	1.37
4.833	1.83	10.867	7.10	16.900	2.06	22.93	1.37
4.867	1.83	10.900	7.10	16.933	2.06	22.97	1.37
4.900	1.83	10.933	7.10	16.967	2.06	23.00	1.37
4.933	1.83	10.967	7.10	17.000	2.06	23.03	1.37
4.967	1.83	11.000	7.10	17.033	2.06	23.07	1.37
5.000	1.83	11.033	7.10	17.067	2.06	23.10	1.37
5.033	1.83	11.067	7.10	17.100	2.06	23.13	1.37
5.067	1.83	11.100	9.05	17.133	2.06	23.17	1.37
5.100	1.83	11.133	10.99	17.167	2.06	23.20	1.37
5.133	1.83	11.167	10.99	17.200	2.06	23.23	1.37
5.167	1.83	11.200	10.99	17.233	2.06	23.27	1.37
5.200	1.83	11.233	10.99	17.267	2.06	23.30	1.37
5.233	1.83	11.267	10.99	17.300	2.06	23.33	1.37
5.267	1.83	11.300	10.99	17.333	2.06	23.37	1.37
5.300	1.83	11.333	10.99	17.367	2.06	23.40	1.37
5.333	1.83	11.367	10.99	17.400	2.06	23.43	1.37
5.367	1.83	11.400	10.99	17.433	2.06	23.47	1.37
5.400	1.83	11.433	10.99	17.467	2.06	23.50	1.37
5.433	1.83	11.467	10.99	17.500	2.06	23.53	1.37
5.467	1.83	11.500	10.99	17.533	2.06	23.57	1.37
5.500	1.83	11.533	10.99	17.567	2.06	23.60	1.37
5.533	1.83	11.567	10.99	17.600	2.06	23.63	1.37
5.567	1.83	11.600	22.46	17.633	2.06	23.67	1.37
5.600	1.83	11.633	33.88	17.667	2.06	23.70	1.37
5.633	1.83	11.667	33.88	17.700	2.06	23.73	1.37
5.667	1.83	11.700	33.88	17.733	2.06	23.77	1.37
5.700	1.83	11.733	33.88	17.767	2.06	23.80	1.37
5.733	1.83	11.767	33.88	17.800	2.06	23.83	1.37
5.767	1.83	11.800	33.88	17.833	2.06	23.87	1.37
5.800	1.83	11.833	34.02	17.867	2.06	23.90	1.37
5.833	1.83	11.867	140.11	17.900	2.06	23.93	1.37
5.867	1.83	11.900	140.11	17.933	2.06	23.97	1.37
5.900	1.83	11.933	140.11	17.967	2.06	24.00	1.37
5.933	1.83	11.967	140.11	18.000	2.06	24.03	1.37
5.967	1.83	12.000	140.11	18.033	2.06	24.07	1.37
6.000	1.83	12.033	140.11	18.067	2.06	24.10	0.69
6.033	1.83	12.067	140.11	18.100	2.06		

Unit Hyd Qpeak (cms)= 0.098

PEAK FLOW (cms)= 0.076 (i)
TIME TO PEAK (hrs)= 12.133
RUNOFF VOLUME (mm)= 66.200
TOTAL RAINFALL (mm)= 114.469
RUNOFF COEFFICIENT = 0.578

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB	
STANDHYD (0104)	Area (ha)= 0.95
ID= 1 DT= 1.0 min	Total Imp(%)= 53.00 Dir. Conn.(%)= 26.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.50	0.45
Dep. Storage	(mm)=	1.00	6.75
Average Slope	(%)=	1.00	2.00
Length	(m)=	50.00	40.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.050	1.83	12.083	140.11	18.12	2.06
0.033	0.00	6.067	1.83	12.100	16.58	18.13	2.06
0.050	0.00	6.083	1.83	12.117	16.48	18.15	2.06
0.067	0.00	6.100	2.06	12.133	16.48	18.17	2.06
0.083	0.00	6.117	2.06	12.150	16.48	18.18	2.06
0.100	1.26	6.133	2.06	12.167	16.48	18.20	2.06
0.117	1.26	6.150	2.06	12.183	16.48	18.22	2.06
0.133	1.26	6.167	2.06	12.200	16.48	18.23	2.06
0.150	1.26	6.183	2.06	12.217	16.48	18.25	2.06
0.167	1.26	6.200	2.06	12.233	16.48	18.27	2.06
0.183	1.26	6.217	2.06	12.250	16.48	18.28	2.06
0.200	1.26	6.233	2.06	12.267	16.48	18.30	2.06
0.217	1.26	6.250	2.06	12.283	16.48	18.32	2.06
0.233	1.26	6.267	2.06	12.300	16.48	18.33	2.06
0.250	1.26	6.283	2.06	12.317	16.48	18.35	2.06
0.267	1.26	6.300	2.06	12.333	16.48	18.37	2.06
0.283	1.26	6.317	2.06	12.350	16.48	18.38	2.06
0.300	1.26	6.333	2.06	12.367	16.48	18.40	2.06
0.317	1.26	6.350	2.06	12.383	16.48	18.42	2.06
0.333	1.26	6.367	2.06	12.400	16.48	18.43	2.06
0.350	1.26	6.383	2.06	12.417	16.48	18.45	2.06
0.367	1.26	6.400	2.06	12.433	16.48	18.47	2.06
0.383	1.26	6.417	2.06	12.450	16.48	18.48	2.06
0.400	1.26	6.433	2.06	12.467	16.48	18.50	2.06
0.417	1.26	6.450	2.06	12.483	16.48	18.52	2.06
0.433	1.26	6.467	2.06	12.500	16.48	18.53	2.06
0.450	1.26	6.483	2.06	12.517	16.48	18.55	2.06
0.467	1.26	6.500	2.06	12.533	16.48	18.57	2.06
0.483	1.26	6.517	2.06	12.550	16.48	18.58	2.06
0.500	1.26	6.533	2.06	12.567	16.48	18.60	2.06
0.517	1.26	6.550	2.06	12.583	16.48	18.62	2.06
0.533	1.26	6.567	2.06	12.600	8.48	18.63	2.06
0.550	1.26	6.583	2.06	12.617	8.47	18.65	2.06
0.567	1.26	6.600	2.06	12.633	8.47	18.67	2.06
0.583	1.26	6.617	2.06	12.650	8.47	18.68	2.06
0.600	1.26	6.633	2.06	12.667	8.47	18.70	2.06
0.617	1.26	6.650	2.06	12.683	8.47	18.72	2.06
0.633	1.26	6.667	2.06	12.700	8.47	18.73	2.06
0.650	1.26	6.683	2.06	12.717	8.47	18.75	2.06
0.667	1.26	6.700	2.06	12.733	8.47	18.77	2.06
0.683	1.26	6.717	2.06	12.750	8.47	18.78	2.06
0.700	1.26	6.733	2.06	12.767	8.47	18.80	2.06
0.717	1.26	6.750	2.06	12.783	8.47	18.82	2.06
0.733	1.26	6.767	2.06	12.800	8.47	18.83	2.06
0.750	1.26	6.783	2.06	12.817	8.47	18.85	2.06
0.767	1.26	6.800	2.06	12.833	8.47	18.87	2.06
0.783	1.26	6.817	2.06	12.850	8.47	18.88	2.06
0.800	1.26	6.833	2.06	12.867	8.47	18.90	2.06
0.817	1.26	6.850	2.06	12.883	8.47	18.92	2.06
0.833	1.26	6.867	2.06	12.900	8.47	18.93	2.06
0.850	1.26	6.883	2.06	12.917	8.47	18.95	2.06
0.867	1.26	6.900	2.06	12.933	8.47	18.97	2.06
0.883	1.26	6.917	2.06	12.950	8.47	18.98	2.06
0.900	1.26	6.933	2.06	12.967	8.47	19.00	2.06
0.917	1.26	6.950	2.06	12.983	8.47	19.02	2.06
0.933	1.26	6.967	2.06	13.000	8.47	19.03	2.06
0.950	1.26	6.983	2.06	13.017	8.47	19.05	2.06
0.967	1.26	7.000	2.06	13.033	8.47	19.07	2.06
0.983	1.26	7.017	2.06	13.050	8.47	19.08	2.06
1.000	1.26	7.033	2.06	13.067	8.47	19.10	2.06
1.017	1.26	7.050	2.06	13.083	8.47	19.12	2.06
1.033	1.26	7.067	2.06	13.100	6.18	19.13	2.06
1.050	1.26	7.083	2.06	13.117	6.18	19.15	2.06
1.067	1.26	7.100	2.52	13.133	6.18	19.17	2.06
1.083	1.26	7.117	2.52	13.150	6.18	19.18	2.06
1.100	1.26	7.133	2.52	13.167	6.18	19.20	2.06
1.117	1.26	7.150	2.52	13.183	6.18	19.22	2.06
1.133	1.26	7.167	2.52	13.200	6.18	19.23	2.06
1.150	1.26	7.183	2.52	13.217	6.18	19.25	2.06
1.167	1.26	7.200	2.52	13.233	6.18	19.27	2.06
1.183	1.26	7.217	2.52	13.250	6.18	19.28	2.06
1.200	1.26	7.233	2.52	13.267	6.18	19.30	2.06
1.217	1.26	7.250	2.52	13.283	6.18	19.32	2.06
1.233	1.26	7.267	2.52	13.300	6.18	19.33	2.06
1.250	1.26	7.283	2.52	13.317	6.18	19.35	2.06
1.267	1.26	7.300	2.52	13.333	6.18	19.37	2.06
1.283	1.26	7.317	2.52	13.350	6.18	19.38	2.06
1.300	1.26	7.333	2.52	13.367	6.18	19.40	2.06
1.317	1.26	7.350	2.52	13.383	6.18	19.42	2.06
1.333	1.26	7.367	2.52	13.400	6.18	19.43	2.06
1.350	1.26	7.383	2.52	13.417	6.18	19.45	2.06
1.367	1.26	7.400	2.52	13.433	6.18	19.47	2.06
1.383	1.26	7.417	2.52	13.450	6.18	19.48	2.06
1.400	1.26	7.433	2.52	13.467	6.18	19.50	2.06
1.417	1.26	7.450	2.52	13.483	6.18	19.52	2.06
1.433	1.26	7.467	2.52	13.500	6.18	19.53	2.06
1.450	1.26	7.483	2.52	13.517	6.18	19.55	2.06
1.467	1.26	7.500	2.52	13.533	6.18	19.57	2.06
1.483	1.26	7.517	2.52	13.550	6.18	19.58	2.06
1.500	1.26	7.533	2.52	13.567	6.18	19.60	2.06
1.517	1.26	7.550	2.52	13.583	6.18	19.62	2.06
1.533	1.26	7.567	2.52	13.600	4.81	19.63	2.06
1.550	1.26	7.583	2.52	13.617	4.81	19.65	2.06

100-yr 24hr SCS Type II

1.567	1.26	7.600	2.52	13.633	4.81	19.67	2.06
1.583	1.26	7.617	2.52	13.650	4.81	19.68	2.06
1.600	1.26	7.633	2.52	13.667	4.81	19.70	2.06
1.617	1.26	7.650	2.52	13.683	4.81	19.72	2.06
1.633	1.26	7.667	2.52	13.700	4.81	19.73	2.06
1.650	1.26	7.683	2.52	13.717	4.81	19.75	2.06
1.667	1.26	7.700	2.52	13.733	4.81	19.77	2.06
1.683	1.26	7.717	2.52	13.750	4.81	19.78	2.06
1.700	1.26	7.733	2.52	13.767	4.81	19.80	2.06
1.717	1.26	7.750	2.52	13.783	4.81	19.82	2.06
1.733	1.26	7.767	2.52	13.800	4.81	19.83	2.06
1.750	1.26	7.783	2.52	13.817	4.81	19.85	2.06
1.767	1.26	7.800	2.52	13.833	4.81	19.87	2.06
1.783	1.26	7.817	2.52	13.850	4.81	19.88	2.06
1.800	1.26	7.833	2.52	13.867	4.81	19.90	2.06
1.817	1.26	7.850	2.52	13.883	4.81	19.92	2.06
1.833	1.26	7.867	2.52	13.900	4.81	19.93	2.06
1.850	1.26	7.883	2.52	13.917	4.81	19.95	2.06
1.867	1.26	7.900	2.52	13.933	4.81	19.97	2.06
1.883	1.26	7.917	2.52	13.950	4.81	19.98	2.06
1.900	1.26	7.933	2.52	13.967	4.81	20.00	2.06
1.917	1.26	7.950	2.52	13.983	4.81	20.02	2.06
1.933	1.26	7.967	2.52	14.000	4.81	20.03	2.06
1.950	1.26	7.983	2.52	14.017	4.81	20.05	2.06
1.967	1.26	8.000	2.52	14.033	4.81	20.07	2.06
1.983	1.26	8.017	2.52	14.050	4.81	20.08	2.06
2.000	1.26	8.033	2.52	14.067	4.81	20.10	1.38
2.017	1.26	8.050	2.52	14.083	4.81	20.12	1.37
2.033	1.26	8.067	2.52	14.100	3.44	20.13	1.37
2.050	1.26	8.083	2.52	14.117	3.43	20.15	1.37
2.067	1.26	8.100	2.98	14.133	3.43	20.17	1.37
2.083	1.26	8.117	2.98	14.150	3.43	20.18	1.37
2.100	1.49	8.133	2.98	14.167	3.43	20.20	1.37
2.117	1.49	8.150	2.98	14.183	3.43	20.22	1.37
2.133	1.49	8.167	2.98	14.200	3.43	20.23	1.37
2.150	1.49	8.183	2.98	14.217	3.43	20.25	1.37
2.167	1.49	8.200	2.98	14.233	3.43	20.27	1.37
2.183	1.49	8.217	2.98	14.250	3.43	20.28	1.37
2.200	1.49	8.233	2.98	14.267	3.43	20.30	1.37
2.217	1.49	8.250	2.98	14.283	3.43	20.32	1.37
2.233	1.49	8.267	2.98	14.300	3.43	20.33	1.37
2.250	1.49	8.283	2.98	14.317	3.43	20.35	1.37
2.267	1.49	8.300	2.98	14.333	3.43	20.37	1.37
2.283	1.49	8.317	2.98	14.350	3.43	20.38	1.37
2.300	1.49	8.333	2.98	14.367	3.43	20.40	1.37
2.317	1.49	8.350	2.98	14.383	3.43	20.42	1.37
2.333	1.49	8.367	2.98	14.400	3.43	20.43	1.37
2.350	1.49	8.383	2.98	14.417	3.43	20.45	1.37
2.367	1.49	8.400	2.98	14.433	3.43	20.47	1.37
2.383	1.49	8.417	2.98	14.450	3.43	20.48	1.37
2.400	1.49	8.433	2.98	14.467	3.43	20.50	1.37
2.417	1.49	8.450	2.98	14.483	3.43	20.52	1.37
2.433	1.49	8.467	2.98	14.500	3.43	20.53	1.37
2.450	1.49	8.483	2.98	14.517	3.43	20.55	1.37
2.467	1.49	8.500	2.98	14.533	3.43	20.57	1.37
2.483	1.49	8.517	2.98	14.550	3.43	20.58	1.37
2.500	1.49	8.533	2.98	14.567	3.43	20.60	1.37
2.517	1.49	8.550	2.98	14.583	3.43	20.62	1.37
2.533	1.49	8.567	2.98	14.600	3.43	20.63	1.37
2.550	1.49	8.583	2.98	14.617	3.43	20.65	1.37
2.567	1.49	8.600	3.21	14.633	3.43	20.67	1.37
2.583	1.49	8.617	3.21	14.650	3.43	20.68	1.37
2.600	1.49	8.633	3.21	14.667	3.43	20.70	1.37
2.617	1.49	8.650	3.21	14.683	3.43	20.72	1.37
2.633	1.49	8.667	3.21	14.700	3.43	20.73	1.37
2.650	1.49	8.683	3.21	14.717	3.43	20.75	1.37
2.667	1.49	8.700	3.21	14.733	3.43	20.77	1.37
2.683	1.49	8.717	3.21	14.750	3.43	20.78	1.37
2.700	1.49	8.733	3.21	14.767	3.43	20.80	1.37
2.717	1.49	8.750	3.21	14.783	3.43	20.82	1.37
2.733	1.49	8.767	3.21	14.800	3.43	20.83	1.37
2.750	1.49	8.783	3.21	14.817	3.43	20.85	1.37
2.767	1.49	8.800	3.21	14.833	3.43	20.87	1.37
2.783	1.49	8.817	3.21	14.850	3.43	20.88	1.37
2.800	1.49	8.833	3.21	14.867	3.43	20.90	1.37
2.817	1.49	8.850	3.21	14.883	3.43	20.92	1.37
2.833	1.49	8.867	3.21	14.900	3.43	20.93	1.37
2.850	1.49	8.883	3.21	14.917	3.43	20.95	1.37
2.867	1.49	8.900	3.21	14.933	3.43	20.97	1.37
2.883	1.49	8.917	3.21	14.950	3.43	20.98	1.37
2.900	1.49	8.933	3.21	14.967	3.43	21.00	1.37
2.917	1.49	8.950	3.21	14.983	3.43	21.02	1.37
2.933	1.49	8.967	3.21	15.000	3.43	21.03	1.37
2.950	1.49	8.983	3.21	15.017	3.43	21.05	1.37
2.967	1.49	9.000	3.21	15.033	3.43	21.07	1.37
2.983	1.49	9.017	3.21	15.050	3.43	21.08	1.37
3.000	1.49	9.033	3.21	15.067	3.43	21.10	1.37
3.017	1.49	9.050	3.21	15.083	3.43	21.12	1.37
3.033	1.49	9.067	3.21	15.100	3.43	21.13	1.37
3.050	1.49	9.083	3.21	15.117	3.43	21.15	1.37
3.067	1.49	9.100	3.66	15.133	3.43	21.17	1.37
3.083	1.49	9.117	3.66	15.150	3.43	21.18	1.37
3.100	1.49	9.133	3.66	15.167	3.43	21.20	1.37
3.117	1.49	9.150	3.66	15.183	3.43	21.22	1.37
3.133	1.49	9.167	3.66	15.200	3.43	21.23	1.37
3.150	1.49	9.183	3.66	15.217	3.43	21.25	1.37
3.167	1.49	9.200	3.66	15.233	3.43	21.27	1.37
3.183	1.49	9.217	3.66	15.250	3.43	21.28	1.37
3.200	1.49	9.233	3.66	15.267	3.43	21.30	1.37
3.217	1.49	9.250	3.66	15.283	3.43	21.32	1.37
3.233	1.49	9.267	3.66	15.300	3.43	21.33	1.37
3.250	1.49	9.283	3.66	15.317	3.43	21.35	1.37
3.267	1.49	9.300	3.66	15.333	3.43	21.37	1.37
3.283	1.49	9.317	3.66	15.350	3.43	21.38	1.37
3.300	1.49	9.333	3.66	15.367	3.43	21.40	1.37
3.317	1.49	9.350	3.66	15.383	3.43	21.42	1.37
3.333	1.49	9.367	3.66	15.400	3.43	21.43	1.37
3.350	1.49	9.383	3.66	15.417	3.43	21.45	1.37
3.367	1.49	9.400	3.66	15.433	3.43	21.47	1.37
3.383	1.49	9.417	3.66	15.450	3.43	21.48	1.37
3.400	1.49	9.433	3.66	15.467	3.43	21.50	1.37
3.417	1.49	9.450	3.66	15.483	3.43	21.52	1.37
3.433	1.49	9.467	3.66	15.500	3.43	21.53	1.37
3.450	1.49	9.483	3.66	15.517	3.43	21.55	1.37
3.467	1.49	9.500	3.66	15.533	3.43	21.57	1.37
3.483	1.49	9.517	3.66	15.550	3.43	21.58	1.37
3.500	1.49	9.533	3.66	15.567	3.43	21.60	1.37
3.517	1.49	9.550	3.66	15.583	3.43	21.62	1.37
3.533	1.49	9.567	3.66	15.600	3.43	21.63	1.37
3.550	1.49	9.583	3.66	15.617	3.43	21.65	1.37
3.567	1.49	9.600	4.12	15.633	3.43	21.67	1.37
3.583	1.49	9.617	4.12	15.650	3.43	21.68	1.37
3.600	1.49	9.633	4.12	15.667	3.43	21.70	1.37
3.617	1.49	9.650	4.12	15.683	3.43	21.72	1.37
3.633	1.49	9.667	4.12	15.700	3.43	21.73	1.37
3.650	1.49	9.683	4.12	15.717	3.43	21.75	1.37
3.667	1.49	9.700	4.12	15.733	3.43	21.77	1.37
3.683	1.49	9.717	4.12	15.750	3.43	21.78	1.37
3.700	1.49	9.733	4.12	15.767	3.43	21.80	1.37
3.717	1.49	9.750	4.12	15.783	3.43	21.82	1.37
3.733	1.49	9.767	4.12	15.800	3.43	21.83	1.37
3.750	1.49	9.783	4.12	15.817	3.43	21.85	1.37
3.767	1.49	9.800	4.12	15.833	3.43	21.87	1.37
3.783	1.49	9.817	4.12	15.850	3.43	21.88	1.37
3.800	1.49	9.833	4.12	15.867	3.43	21.90	1.37
3.817	1.49	9.850	4.12	15.883	3.43	21.92	1.37
3.833	1.49	9.867	4.12	15.900	3.43	21.93	1.37
3.850	1.49	9.883	4.12	15.917	3.43	21.95	1.37
3.867	1.49	9.900	4.12	15.933	3.43	21.97	1.37
3.883	1.49	9.917	4.12	15.950	3.43	21.98	1.37
3.900	1.49	9.933	4.12	15.967	3.43	22.00	1.37
3.917	1.49	9.950	4.12	15.983	3.43	22.02	1.37
3.933	1.49	9.967	4.12	16.000	3.43	22.03	1.37
3.950	1.49	9.983	4.12	16.017	3.43	22.05	1.37
3.967	1.49	10.000	4.12	16.033	3.43	22.07	1.37
3.983	1.49	10.017	4.12	16.050	3.43	22.08	1.37
4.000	1.49	10.033	4.12	16.067	3.43	22.10	1.37
4.017	1.49	10.050	4.12	16.083	3.43	22.12	1.37
4.033	1.49	10.067	4.12	16.100	2.07	22.13	1.37
4.050	1.49	10.083	4.12	16.117	2.06	22.15	1.37
4.067	1.49	10.100	5.27	16.133	2.06	22.17	1.37
4.083	1.49	10.117	5.27	16.150	2.06	22.18	1.37
4.100	1.83	10.133	5.27	16.167	2.06	22.20	1.37
4.117	1.83	10.150	5.27	16.183	2.06	22.22	1.37
4.133	1.83	10.167	5.27	16.200	2.06	22.23	1.37
4.150	1.83	10.183	5.27	16.217	2.06	22.25	1.37
4.167	1.83	10.200	5.27	16.233	2.06	22.27	1.37
4.183	1.83	10.217	5.27	16.250	2.06	22.28	1.37
4.200	1.83	10.233	5.27	16.267	2.06	22.30	1.37
4.217	1.83	10.250	5.27	16.283	2.06	22.32	1.37
4.233	1.83	10.267	5.27	16.300	2.06	22.33	1.37
4.250	1.83	10.283	5.27	16.317	2.06	22.35	1.37
4.267	1.83	10.300	5.27	16.333	2.06	22.37	1.37
4.283	1.83	10.317	5.27	16.350	2.06	22.38	1.37
4.300	1.83	10.333	5.27	16.367	2.06	22.40	1.37
4.317	1.83	10.350	5.27	16.383	2.06	22.42	1.37
4.333	1.83	10.367	5.27	16.400	2.06	22.43	1.37
4.350	1.83	10.383	5.27	16.417	2.06	22.45	1.37
4.367	1.83	10.400	5.27	16.433	2.06	22.47	1.37
4.383	1.83	10.417	5.27	16.450	2.06	22.48	1.37
4.400	1.83	10.433	5.27	16.467	2.06	22.50	1.37
4.417	1.83	10.450	5.27	16.483	2.06	22.52	1.37
4.433	1.83	10.467	5.27	16.500	2.06	22.53	1.37
4.450	1.83	10.483	5.27	16.517	2.06	22.55	1.37
4.467	1.83	10.500	5.27	16.533	2.06	22.57	1.37
4.483	1.83	10.517	5.27	16.550	2.06	22.58	1.37
4.500	1.83	10.533	5.27	16.567	2.06	22.60	1.37
4.517	1.83	10.550	5.27	16.583	2.06	22.62	1.37
4.533	1.83	10.567	5.27	16.600	2.06	22.63	1.37
4.550	1.83	10.583	5.27	16.617	2.06	22.65	1.37
4.567	1.83	10.600	7.10	16.633	2.06	22.67	1.37
4.583	1.83	10.617	7.10	16.650	2.06	22.68	1.37
4.600	1.83	10.633	7.10	16.667	2.06	22.70	1.37
4.617	1.83	10.650	7.10	16.683	2.06	22.72	1.37
4.633	1.83	10.667	7.10	16.700	2.06	22.73	1.37
4.650	1.83	10.683	7.10	16.717	2.06	22.75	1.37
4.667	1.83	10.700	7.10	16.733	2.06	22.77	1.37
4.683	1.83	10.717	7.10	16.750	2.06	22.78	1.37
4.700	1.83	10.733	7.10	16.767	2.06	22.80	1.37
4.717	1.83	10.750	7.10	16.783	2.06	22.82	1.37
4.733	1.83	10.767	7.10	16.800	2.06	22.83	1.37
4.750	1.83	10.783	7.10	16.817	2.06	22.85	1.37
4.767	1.83	10.800	7.10	16.833	2.06	22.87	1.37
4.783	1.83	10.817	7.10	16.850	2.06	22.88	1.37
4.800	1.83	10.833	7.10	16.867	2.06	22.90	1.37
4.817	1.83	10.850	7.10	16.883	2.06	22.92	1.37
4.833	1.83	10.867	7.10	16.900	2.06	22.93	1.37
4.850	1.83	10.883	7.10	16.917	2.06	22.95	1.37
4.867	1.83	10.900	7.10	16.933	2.06	22.97	1.37
4.883	1.83	10.917	7.10	16.950	2.06	22.98	1.37
4.900	1.83	10.933	7.10	16.967	2.06	23.00	1.37
4.917	1.83	10.950	7.10	16.983	2.06	23.02	1.37
4.933	1.83	10.967	7.10	17.000	2.06	23.03	1.37
4.950	1.83	10.983	7.10	17.017	2.06	23.05	1.37
4.967	1.83	11.000	7.10	17.033	2.06	23.07	1.37
4.983	1.83	11.017	7.10	17.050	2.06	23.08	1.37
5.000	1.83	11.033	7.10	17.067	2.06	23.10	1.37
5.017	1.83	11.050	7.10	17.083	2.06	23.12	1.37
5.033	1.83	11.067	7.10	17.100	2.06	23.13	1.37
5.050	1.83	11.083	7.10	17.117	2.06	23.15	1.37
5.067	1.83	11.100	10.99	17.133	2.06	23.17	1.37
5.083	1.83	11.117	10.99	17.150	2.06	23.18	1.37
5.100	1.83	11.133	10.99	17.167	2.06	23.20	1.37
5.117	1.83	11.150	10.99	17.183	2.06	23.22	1.37
5.133	1.83	11.167	10.99	17.200	2.06	23.23	1.37
5.150	1.83	11.183	10.99	17.217	2.06	23.25	1.37
5.167	1.83	11.200	10.99	17.233	2.06	23.27	1.37
5.183	1.83	11.217	10.99	17.250	2.06	23.28	1.37
5.200	1.83	11.233	10.99	17.267	2.06	23.30	1.37
5.217	1.83	11.250	10.99	17.283	2.06	23.32	1.37
5.233	1.83	11.267	10.99	17.300	2.06	23.33	1.37
5.250	1.83	11.283	10.99	17.317	2.06	23.35	1.37
5.267	1.83	11.300	10.99	17.333	2.06	23.37	1.37
5.283	1.83	11.317	10.99	17.350	2.06	23.38	1.37
5.300	1.83	11.333	10.99	17.367	2.06	23.40	1.37
5.317	1.83	11.350	10.99	17.383	2.06	23.42	1.37
5.333	1.83	11.367	10.99	17.400	2.06	23.43	1.37
5.350	1.83	11.383	10.99	17.417	2.06	23.45	1.37
5.367	1.83	11.400	10.99	17.433	2.06	23.47	1.37
5.383	1.83	11.417	10.99	17.450	2.06	23.48	1.37
5.400	1.83	11.433	10.99	17.467	2.06	23.50	1.37
5.417	1.83	11.450	10.99	17.483	2.06	23.52	1.37
5.433	1.83	11.467	10.99	17.500	2.06	23.53	1.37
5.450	1.83	11.483	10.99	17.517	2.06	23.55	1.37
5.467	1.83	11.500	10.99	17.533	2.06	23.57	1.37
5.483	1.83	11.517	10.99	17.550	2.06	23.58	1.37
5.500	1.83	11.533	10.99	17.567	2.06	23.60	1.37
5.517	1.83	11.550	10.99	17.583	2.06	23.62	1.37
5.533	1.83	11.567	10.99	17.600	2.06	23.63	1.37
5.550	1.83	11.583	10.99	17.617	2.06	23.65	1.37
5.567	1.83	11.600	33.87	17.633	2.06	23.67	1.37
5.583	1.83	11.617	33.88	17.650	2.06	23.68	1.37
5.600	1.83	11.633	33.88	17.667	2.06	23.70	1.37
5.617	1.83	11.650	33.88	17.683	2.06	23.72	1.37
5.633	1.83	11.667	33.88	17.700	2.06	23.73	1.37
5.650	1.83	11.683	33.88	17.717	2.06	23.75	1.37
5.667	1.83	11.700	33.88	17.733	2.06	23.77	1.37
5.683	1.83	11.717	33.88	17.750	2.06	23.78	1.37
5.700	1.83	11.733	33.88	17.767	2.06	23.80	1.37
5.717	1.83	11.750	33.88	17.783	2.06	23.82	1.37
5.733	1.83	11.767	33.88	17.800	2.06	23.83	1.37
5.750	1.83	11.783	33.88	17.817	2.06	23.85	1.37
5.767	1.83	11.800	33.88	17.833	2.06	23.87	1.37
5.783	1.83	11.817	33.88	17.850	2.06	23.88	1.37
5.800	1.83	11.833	33.88	17.867	2.06	23.90	1.37
5.817	1.83	11.850	140.05	17.883	2.06	23.92	1.37
5.833	1.83	11.867	140.11	17.900	2.06	23.93	1.37
5.850	1.83	11.883	140.11	17.917	2.06	23.95	1.37
5.867	1.83	11.900	140.11	17.933	2.06	23.97	1.37
5.883	1.83	11.917	140.11	17.950	2.06	23.98	1.37
5.900	1.83	11.933	140.11	17.967	2.06	24.00	1.37
5.917	1.83	11.950	140.11	17.983	2.06	24.02	1.37
5.933	1.83	11.967	140.11	18.000	2.06	24.03	1.37
5.950	1.83	11.983	140.11	18.017	2.06	24.05	1.37
5.967	1.83	12.000	140.11	18.033	2.06	24.07	1.37
5.983	1.83	12.017	140.11	18.050	2.06	24.08	1.37
6.000	1.83	12.033	140.11	18.067	2.06		
6.017	1.83	12.050	140.11	18.083	2.06		
6.033	1.83	12.067	140.11	18.100	2.06		

Max.Eff.Inten.(mm/hr)=	140.11	181.72	
over (min)	5.00	10.00	
Storage Coeff. (min)=	1.47 (ii)	9.29 (ii)	
Unit Hyd. Tpeak (min)=	5.00	10.00	
Unit Hyd. peak (cms)=	0.42	0.12	
			TOTALS
PEAK FLOW (cms)=	0.10	0.16	0.250 (iii)
TIME TO PEAK (hrs)=	12.08	12.15	12.10
RUNOFF VOLUME (mm)=	113.47	79.31	88.19
TOTAL RAINFALL (mm)=	114.47	114.47	114.47
RUNOFF COEFFICIENT =	0.99	0.69	0.77

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 79.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL

100-yr 24hr SCS Type II

THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0103)	Area	(ha)=	1.47	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)=	3.00
	U.H. Tp(hrs)=		0.19		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.83	12.100	78.12	18.13	2.06
0.067	0.00	6.100	1.95	12.133	16.48	18.17	2.06
0.100	0.63	6.133	2.06	12.167	16.48	18.20	2.06
0.133	1.26	6.167	2.06	12.200	16.48	18.23	2.06
0.167	1.26	6.200	2.06	12.233	16.48	18.27	2.06
0.200	1.26	6.233	2.06	12.267	16.48	18.30	2.06
0.233	1.26	6.267	2.06	12.300	16.48	18.33	2.06
0.267	1.26	6.300	2.06	12.333	16.48	18.37	2.06
0.300	1.26	6.333	2.06	12.367	16.48	18.40	2.06
0.333	1.26	6.367	2.06	12.400	16.48	18.43	2.06
0.367	1.26	6.400	2.06	12.433	16.48	18.47	2.06
0.400	1.26	6.433	2.06	12.467	16.48	18.50	2.06
0.433	1.26	6.467	2.06	12.500	16.48	18.53	2.06
0.467	1.26	6.500	2.06	12.533	16.48	18.57	2.06
0.500	1.26	6.533	2.06	12.567	16.48	18.60	2.06
0.533	1.26	6.567	2.06	12.600	12.46	18.63	2.06
0.567	1.26	6.600	2.06	12.633	8.47	18.67	2.06
0.600	1.26	6.633	2.06	12.667	8.47	18.70	2.06
0.633	1.26	6.667	2.06	12.700	8.47	18.73	2.06
0.667	1.26	6.700	2.06	12.733	8.47	18.77	2.06
0.700	1.26	6.733	2.06	12.767	8.47	18.80	2.06
0.733	1.26	6.767	2.06	12.800	8.47	18.83	2.06
0.767	1.26	6.800	2.06	12.833	8.47	18.87	2.06
0.800	1.26	6.833	2.06	12.867	8.47	18.90	2.06
0.833	1.26	6.867	2.06	12.900	8.47	18.93	2.06
0.867	1.26	6.900	2.06	12.933	8.47	18.97	2.06
0.900	1.26	6.933	2.06	12.967	8.47	19.00	2.06
0.933	1.26	6.967	2.06	13.000	8.47	19.03	2.06
0.967	1.26	7.000	2.06	13.033	8.47	19.07	2.06
1.000	1.26	7.033	2.06	13.067	8.47	19.10	2.06
1.033	1.26	7.067	2.06	13.100	7.32	19.13	2.06
1.067	1.26	7.100	2.29	13.133	6.18	19.17	2.06
1.100	1.26	7.133	2.52	13.167	6.18	19.20	2.06
1.133	1.26	7.167	2.52	13.200	6.18	19.23	2.06
1.167	1.26	7.200	2.52	13.233	6.18	19.27	2.06
1.200	1.26	7.233	2.52	13.267	6.18	19.30	2.06
1.233	1.26	7.267	2.52	13.300	6.18	19.33	2.06
1.267	1.26	7.300	2.52	13.333	6.18	19.37	2.06
1.300	1.26	7.333	2.52	13.367	6.18	19.40	2.06
1.333	1.26	7.367	2.52	13.400	6.18	19.43	2.06
1.367	1.26	7.400	2.52	13.433	6.18	19.47	2.06
1.400	1.26	7.433	2.52	13.467	6.18	19.50	2.06
1.433	1.26	7.467	2.52	13.500	6.18	19.53	2.06
1.467	1.26	7.500	2.52	13.533	6.18	19.57	2.06
1.500	1.26	7.533	2.52	13.567	6.18	19.60	2.06
1.533	1.26	7.567	2.52	13.600	5.49	19.63	2.06
1.567	1.26	7.600	2.52	13.633	4.81	19.67	2.06
1.600	1.26	7.633	2.52	13.667	4.81	19.70	2.06
1.633	1.26	7.667	2.52	13.700	4.81	19.73	2.06
1.667	1.26	7.700	2.52	13.733	4.81	19.77	2.06
1.700	1.26	7.733	2.52	13.767	4.81	19.80	2.06
1.733	1.26	7.767	2.52	13.800	4.81	19.83	2.06
1.767	1.26	7.800	2.52	13.833	4.81	19.87	2.06
1.800	1.26	7.833	2.52	13.867	4.81	19.90	2.06
1.833	1.26	7.867	2.52	13.900	4.81	19.93	2.06
1.867	1.26	7.900	2.52	13.933	4.81	19.97	2.06
1.900	1.26	7.933	2.52	13.967	4.81	20.00	2.06
1.933	1.26	7.967	2.52	14.000	4.81	20.03	2.06
1.967	1.26	8.000	2.52	14.033	4.81	20.07	2.06
2.000	1.26	8.033	2.52	14.067	4.81	20.10	1.72
2.033	1.26	8.067	2.52	14.100	4.12	20.13	1.37
2.067	1.26	8.100	2.75	14.133	3.43	20.17	1.37
2.100	1.37	8.133	2.98	14.167	3.43	20.20	1.37
2.133	1.49	8.167	2.98	14.200	3.43	20.23	1.37
2.167	1.49	8.200	2.98	14.233	3.43	20.27	1.37
2.200	1.49	8.233	2.98	14.267	3.43	20.30	1.37
2.233	1.49	8.267	2.98	14.300	3.43	20.33	1.37
2.267	1.49	8.300	2.98	14.333	3.43	20.37	1.37
2.300	1.49	8.333	2.98	14.367	3.43	20.40	1.37
2.333	1.49	8.367	2.98	14.400	3.43	20.43	1.37
2.367	1.49	8.400	2.98	14.433	3.43	20.47	1.37
2.400	1.49	8.433	2.98	14.467	3.43	20.50	1.37
2.433	1.49	8.467	2.98	14.500	3.43	20.53	1.37
2.467	1.49	8.500	2.98	14.533	3.43	20.57	1.37
2.500	1.49	8.533	2.98	14.567	3.43	20.60	1.37
2.533	1.49	8.567	2.98	14.600	3.43	20.63	1.37
2.567	1.49	8.600	3.09	14.633	3.43	20.67	1.37
2.600	1.49	8.633	3.21	14.667	3.43	20.70	1.37
2.633	1.49	8.667	3.21	14.700	3.43	20.73	1.37
2.667	1.49	8.700	3.21	14.733	3.43	20.77	1.37
2.700	1.49	8.733	3.21	14.767	3.43	20.80	1.37
2.733	1.49	8.767	3.21	14.800	3.43	20.83	1.37
2.767	1.49	8.800	3.21	14.833	3.43	20.87	1.37
2.800	1.49	8.833	3.21	14.867	3.43	20.90	1.37
2.833	1.49	8.867	3.21	14.900	3.43	20.93	1.37
2.867	1.49	8.900	3.21	14.933	3.43	20.97	1.37
2.900	1.49	8.933	3.21	14.967	3.43	21.00	1.37
2.933	1.49	8.967	3.21	15.000	3.43	21.03	1.37
2.967	1.49	9.000	3.21	15.033	3.43	21.07	1.37
3.000	1.49	9.033	3.21	15.067	3.43	21.10	1.37
3.033	1.49	9.067	3.21	15.100	3.43	21.13	1.37
3.067	1.49	9.100	3.43	15.133	3.43	21.17	1.37
3.100	1.49	9.133	3.66	15.167	3.43	21.20	1.37
3.133	1.49	9.167	3.66	15.200	3.43	21.23	1.37
3.167	1.49	9.200	3.66	15.233	3.43	21.27	1.37
3.200	1.49	9.233	3.66	15.267	3.43	21.30	1.37
3.233	1.49	9.267	3.66	15.300	3.43	21.33	1.37
3.267	1.49	9.300	3.66	15.333	3.43	21.37	1.37
3.300	1.49	9.333	3.66	15.367	3.43	21.40	1.37
3.333	1.49	9.367	3.66	15.400	3.43	21.43	1.37
3.367	1.49	9.400	3.66	15.433	3.43	21.47	1.37
3.400	1.49	9.433	3.66	15.467	3.43	21.50	1.37
3.433	1.49	9.467	3.66	15.500	3.43	21.53	1.37
3.467	1.49	9.500	3.66	15.533	3.43	21.57	1.37
3.500	1.49	9.533	3.66	15.567	3.43	21.60	1.37
3.533	1.49	9.567	3.66	15.600	3.43	21.63	1.37
3.567	1.49	9.600	3.89	15.633	3.43	21.67	1.37
3.600	1.49	9.633	4.12	15.667	3.43	21.70	1.37
3.633	1.49	9.667	4.12	15.700	3.43	21.73	1.37
3.667	1.49	9.700	4.12	15.733	3.43	21.77	1.37
3.700	1.49	9.733	4.12	15.767	3.43	21.80	1.37
3.733	1.49	9.767	4.12	15.800	3.43	21.83	1.37
3.767	1.49	9.800	4.12	15.833	3.43	21.87	1.37
3.800	1.49	9.833	4.12	15.867	3.43	21.90	1.37
3.833	1.49	9.867	4.12	15.900	3.43	21.93	1.37
3.867	1.49	9.900	4.12	15.933	3.43	21.97	1.37
3.900	1.49	9.933	4.12	15.967	3.43	22.00	1.37
3.933	1.49	9.967	4.12	16.000	3.43	22.03	1.37
3.967	1.49	10.000	4.12	16.033	3.43	22.07	1.37
4.000	1.49	10.033	4.12	16.067	3.43	22.10	1.37
4.033	1.49	10.067	4.12	16.100	2.74	22.13	1.37
4.067	1.49	10.100	4.69	16.133	2.06	22.17	1.37
4.100	1.66	10.133	5.27	16.167	2.06	22.20	1.37
4.133	1.83	10.167	5.27	16.200	2.06	22.23	1.37
4.167	1.83	10.200	5.27	16.233	2.06	22.27	1.37
4.200	1.83	10.233	5.27	16.267	2.06	22.30	1.37
4.233	1.83	10.267	5.27	16.300	2.06	22.33	1.37
4.267	1.83	10.300	5.27	16.333	2.06	22.37	1.37
4.300	1.83	10.333	5.27	16.367	2.06	22.40	1.37
4.333	1.83	10.367	5.27	16.400	2.06	22.43	1.37
4.367	1.83	10.400	5.27	16.433	2.06	22.47	1.37
4.400	1.83	10.433	5.27	16.467	2.06	22.50	1.37
4.433	1.83	10.467	5.27	16.500	2.06	22.53	1.37
4.467	1.83	10.500	5.27	16.533	2.06	22.57	1.37
4.500	1.83	10.533	5.27	16.567	2.06	22.60	1.37
4.533	1.83	10.567	5.27	16.600	2.06	22.63	1.37
4.567	1.83	10.600	6.18	16.633	2.06	22.67	1.37
4.600	1.83	10.633	7.10	16.667	2.06	22.70	1.37
4.633	1.83	10.667	7.10	16.700	2.06	22.73	1.37
4.667	1.83	10.700	7.10	16.733	2.06	22.77	1.37
4.700	1.83	10.733	7.10	16.767	2.06	22.80	1.37
4.733	1.83	10.767	7.10	16.800	2.06	22.83	1.37
4.767	1.83	10.800	7.10	16.833	2.06	22.87	1.37
4.800	1.83	10.833	7.10	16.867	2.06	22.90	1.37
4.833	1.83	10.867	7.10	16.900	2.06	22.93	1.37
4.867	1.83	10.900	7.10	16.933	2.06	22.97	1.37
4.900	1.83	10.933	7.10	16.967	2.06	23.00	1.37
4.933	1.83	10.967	7.10	17.000	2.06	23.03	1.37
4.967	1.83	11.000	7.10	17.033	2.06	23.07	1.37
5.000	1.83	11.033	7.10	17.067	2.06	23.10	1.37
5.033	1.83	11.067	7.10	17.100	2.06	23.13	1.37
5.067	1.83	11.100	9.05	17.133	2.06	23.17	1.37
5.100	1.83	11.133	10.99	17.167	2.06	23.20	1.37
5.133	1.83	11.167	10.99	17.200	2.06	23.23	1.37
5.167	1.83	11.200	10.99	17.233	2.06	23.27	1.37
5.200	1.83	11.233	10.99	17.267	2.06	23.30	1.37
5.233	1.83	11.267	10.99	17.300	2.06	23.33	1.37
5.267	1.83	11.300	10.99	17.333	2.06	23.37	1.37
5.300	1.83	11.333	10.99	17.367	2.06	23.40	1.37
5.333	1.83	11.367	10.99	17.400	2.06	23.43	1.37
5.367	1.83	11.400	10.99	17.433	2.06	23.47	1.37
5.400	1.83	11.433	10.99	17.467	2.06	23.50	1.37
5.433	1.83	11.467	10.99	17.500	2.06	23.53	1.37
5.467	1.83	11.500	10.99	17.533	2.06	23.57	1.37
5.500	1.83	11.533	10.99	17.567	2.06	23.60	1.37
5.533	1.83	11.567	10.99	17.600	2.06	23.63	1.37
5.567	1.83	11.600	22.46	17.633	2.06	23.67	1.37
5.600	1.83	11.633	33.88	17.667	2.06	23.70	1.37
5.633	1.83	11.667	33.88	17.700	2.06	23.73	1.37
5.667	1.83	11.700	33.88	17.733	2.06	23.77	1.37
5.700	1.83	11.733	33.88	17.767	2.06	23.80	1.37
5.733	1.83	11.767	33.88	17.800	2.06	23.83	1.37
5.767	1.83	11.800	33.88	17.833	2.06	23.87	1.37
5.800	1.83	11.833	34.02	17.867	2.06	23.90	1.37
5.833	1.83	11.867	140.11	17.900	2.06	23.93	1.37
5.867	1.83	11.900	140.11	17.933	2.06	23.97	1.37
5.900	1.83	11.933	140.11	17.967	2.06	24.00	1.37
5.933	1.83	11.967	140.11	18.000	2.06	24.03	1.37
5.967	1.83	12.000	140.11	18.033	2.06	24.07	1.37
6.000	1.83	12.033	140.11	18.067	2.06	24.10	0.69
6.033	1.83	12.067	140.11	18.100	2.06		

Unit Hyd Qpeak (cms)= 0.296

PEAK FLOW (cms)= 0.263 (i)
TIME TO PEAK (hrs)= 12.167
RUNOFF VOLUME (mm)= 66.211
TOTAL RAINFALL (mm)= 114.469
RUNOFF COEFFICIENT = 0.578

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0101)	Area	(ha)=	3.15	Curve Number	(CN)= 79.0
ID= 1 DT= 2.0 min	Ia	(mm)=	6.75	# of Linear Res.(N)=	3.00
	U.H. Tp(hrs)=		0.23		

NOTE: RAINFALL WAS TRANSFORMED TO 2.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.00	6.067	1.83	12.100	78.12	18.13	2.06
0.067	0.00	6.100	1.95	12.133	16.48	18.17	2.06
0.100	0.63	6.133	2.06	12.167	16.48	18.20	2.06
0.133	1.26	6.167	2.06	12.200	16.48	18.23	2.06
0.167	1.26	6.200	2.06	12.233	16.48	18.27	2.06
0.200	1.26	6.233	2.06	12.267	16.48	18.30	2.06
0.233	1.26	6.267	2.06	12.300	16.48	18.33	2.06
0.267	1.26	6.300	2.06	12.333	16.48	18.37	2.06
0.300	1.26	6.333	2.06	12.367	16.48	18.40	2.06
0.333	1.26	6.367	2.06	12.400	16.48	18.43	2.06
0.367	1.26	6.400	2.06	12.433	16.48	18.47	2.06
0.400	1.26	6.433	2.06	12.467	16.48	18.50	2.06
0.433	1.26	6.467	2.06	12.500	16.48	18.53	2.06
0.467	1.26	6.500	2.06	12.533	16.48	18.57	2.06
0.500	1.26	6.533	2.06	12.567	16.48	18.60	2.06
0.533	1.26	6.567	2.06	12.600	12.46	18.63	2.06
0.567	1.26	6.600	2.06	12.633	8.47	18.67	2.06
0.600	1.26	6.633	2.06	12.667	8.47	18.70	2.06
0.633	1.26	6.667	2.06	12.700	8.47	18.73	2.06
0.667	1.26	6.700	2.06	12.733	8.47	18.77	2.06
0.700	1.26	6.733	2.06	12.767	8.47	18.80	2.06
0.733	1.26	6.767	2.06	12.800	8.47	18.83	2.06
0.767	1.26	6.800	2.06	12.833	8.47	18.87	2.06
0.800	1.26	6.833	2.06	12.867	8.47	18.90	2.06
0.833	1.26	6.867	2.06	12.900	8.47	18.93	2.06
0.867	1.26	6.900	2.06	12.933	8.47	18.97	2.06
0.900	1.26	6.933	2.06	12.967	8.47	19.00	2.06
0.933	1.26	6.967	2.06	13.000	8.47	19.03	2.06
0.967	1.26	7.000	2.06	13.033	8.47	19.07	2.06
1.000	1.26	7.033	2.06	13.067	8.47	19.10	2.06
1.033	1.26	7.067	2.06	13.100	7.32	19.13	2.06
1.067	1.26	7.100	2.29	13.133	6.18	19.17	2.06
1.100	1.26	7.133	2.52	13.167	6.18	19.20	2.06
1.133	1.26	7.167	2.52	13.200	6.18	19.23	2.06
1.167	1.26	7.200	2.52	13.233	6.18	19.27	2.06
1.200	1.26	7.233	2.52	13.267	6.18	19.30	2.06
1.233	1.26	7.267	2.52	13.300	6.18	19.33	2.06
1.267	1.26	7.300	2.52	13.333	6.18	19.37	2.06
1.300	1.26	7.333	2.52	13.367	6.18	19.40	2.06
1.333	1.26	7.367	2.52	13.400	6.18	19.43	2.06
1.367	1.26	7.400	2.52	13.433	6.18	19.47	2.06
1.400	1.26	7.433	2.52	13.467	6.18	19.50	2.06
1.433	1.26	7.467	2.52	13.500	6.18	19.53	2.06
1.467	1.26	7.500	2.52	13.533	6.18	19.57	2.06
1.500	1.26	7.533	2.52	13.567	6.18	19.60	2.06
1.533	1.26	7.567	2.52	13.600	5.49	19.63	2.06
1.567	1.26	7.600	2.52	13.633	4.81	19.67	2.06
1.600	1.26	7.633	2.52	13.667	4.81	19.70	2.06
1.633	1.26	7.667	2.52	13.700	4.81	19.73	2.06
1.667	1.26	7.700	2.52	13.733	4.81	19.77	2.06
1.700	1.26	7.733	2.52	13.767	4.81	19.80	2.06
1.733	1.26	7.767	2.52	13.800	4.81	19.83	2.06
1.767	1.26	7.800	2.52	13.833	4.81	19.87	2.06
1.800	1.26	7.833	2.52	13.867	4.81	19.90	2.06
1.833	1.26	7.867	2.52	13.900	4.81	19.93	2.06
1.867	1.26	7.900	2.52	13.933	4.81	19.97	2.06
1.900	1.26	7.933	2.52	13.967	4.81	20.00	2.06
1.933	1.26	7.967	2.52	14.000	4.81	20.03	2.06
1.967	1.26	8.000	2.52	14.033	4.81	20.07	2.06
2.000	1.26	8.033	2.52	14.067	4.81	20.10	1.72
2.033	1.26	8.067	2.52	14.100	4.12	20.13	1.37
2.067	1.26	8.100	2.75	14.133	3.43	20.17	1.37
2.100	1.37	8.133	2.98	14.167	3.43	20.20	1.37
2.133	1.49	8.167	2.98	14.200	3.43	20.23	1.37
2.167	1.49	8.200	2.98	14.233	3.43	20.27	1.37

100-yr 24hr SCS Type II

2.200	1.49	8.233	2.98	14.267	3.43	20.30	1.37
2.233	1.49	8.267	2.98	14.300	3.43	20.33	1.37
2.267	1.49	8.300	2.98	14.333	3.43	20.37	1.37
2.300	1.49	8.333	2.98	14.367	3.43	20.40	1.37
2.333	1.49	8.367	2.98	14.400	3.43	20.43	1.37
2.367	1.49	8.400	2.98	14.433	3.43	20.47	1.37
2.400	1.49	8.433	2.98	14.467	3.43	20.50	1.37
2.433	1.49	8.467	2.98	14.500	3.43	20.53	1.37
2.467	1.49	8.500	2.98	14.533	3.43	20.57	1.37
2.500	1.49	8.533	2.98	14.567	3.43	20.60	1.37
2.533	1.49	8.567	2.98	14.600	3.43	20.63	1.37
2.567	1.49	8.600	3.09	14.633	3.43	20.67	1.37
2.600	1.49	8.633	3.21	14.667	3.43	20.70	1.37
2.633	1.49	8.667	3.21	14.700	3.43	20.73	1.37
2.667	1.49	8.700	3.21	14.733	3.43	20.77	1.37
2.700	1.49	8.733	3.21	14.767	3.43	20.80	1.37
2.733	1.49	8.767	3.21	14.800	3.43	20.83	1.37
2.767	1.49	8.800	3.21	14.833	3.43	20.87	1.37
2.800	1.49	8.833	3.21	14.867	3.43	20.90	1.37
2.833	1.49	8.867	3.21	14.900	3.43	20.93	1.37
2.867	1.49	8.900	3.21	14.933	3.43	20.97	1.37
2.900	1.49	8.933	3.21	14.967	3.43	21.00	1.37
2.933	1.49	8.967	3.21	15.000	3.43	21.03	1.37
2.967	1.49	9.000	3.21	15.033	3.43	21.07	1.37
3.000	1.49	9.033	3.21	15.067	3.43	21.10	1.37
3.033	1.49	9.067	3.21	15.100	3.43	21.13	1.37
3.067	1.49	9.100	3.43	15.133	3.43	21.17	1.37
3.100	1.49	9.133	3.66	15.167	3.43	21.20	1.37
3.133	1.49	9.167	3.66	15.200	3.43	21.23	1.37
3.167	1.49	9.200	3.66	15.233	3.43	21.27	1.37
3.200	1.49	9.233	3.66	15.267	3.43	21.30	1.37
3.233	1.49	9.267	3.66	15.300	3.43	21.33	1.37
3.267	1.49	9.300	3.66	15.333	3.43	21.37	1.37
3.300	1.49	9.333	3.66	15.367	3.43	21.40	1.37
3.333	1.49	9.367	3.66	15.400	3.43	21.43	1.37
3.367	1.49	9.400	3.66	15.433	3.43	21.47	1.37
3.400	1.49	9.433	3.66	15.467	3.43	21.50	1.37
3.433	1.49	9.467	3.66	15.500	3.43	21.53	1.37
3.467	1.49	9.500	3.66	15.533	3.43	21.57	1.37
3.500	1.49	9.533	3.66	15.567	3.43	21.60	1.37
3.533	1.49	9.567	3.66	15.600	3.43	21.63	1.37
3.567	1.49	9.600	3.89	15.633	3.43	21.67	1.37
3.600	1.49	9.633	4.12	15.667	3.43	21.70	1.37
3.633	1.49	9.667	4.12	15.700	3.43	21.73	1.37
3.667	1.49	9.700	4.12	15.733	3.43	21.77	1.37
3.700	1.49	9.733	4.12	15.767	3.43	21.80	1.37
3.733	1.49	9.767	4.12	15.800	3.43	21.83	1.37
3.767	1.49	9.800	4.12	15.833	3.43	21.87	1.37
3.800	1.49	9.833	4.12	15.867	3.43	21.90	1.37
3.833	1.49	9.867	4.12	15.900	3.43	21.93	1.37
3.867	1.49	9.900	4.12	15.933	3.43	21.97	1.37
3.900	1.49	9.933	4.12	15.967	3.43	22.00	1.37
3.933	1.49	9.967	4.12	16.000	3.43	22.03	1.37
3.967	1.49	10.000	4.12	16.033	3.43	22.07	1.37
4.000	1.49	10.033	4.12	16.067	3.43	22.10	1.37
4.033	1.49	10.067	4.12	16.100	2.74	22.13	1.37
4.067	1.49	10.100	4.69	16.133	2.06	22.17	1.37
4.100	1.66	10.133	5.27	16.167	2.06	22.20	1.37
4.133	1.83	10.167	5.27	16.200	2.06	22.23	1.37
4.167	1.83	10.200	5.27	16.233	2.06	22.27	1.37
4.200	1.83	10.233	5.27	16.267	2.06	22.30	1.37
4.233	1.83	10.267	5.27	16.300	2.06	22.33	1.37
4.267	1.83	10.300	5.27	16.333	2.06	22.37	1.37
4.300	1.83	10.333	5.27	16.367	2.06	22.40	1.37
4.333	1.83	10.367	5.27	16.400	2.06	22.43	1.37
4.367	1.83	10.400	5.27	16.433	2.06	22.47	1.37
4.400	1.83	10.433	5.27	16.467	2.06	22.50	1.37
4.433	1.83	10.467	5.27	16.500	2.06	22.53	1.37
4.467	1.83	10.500	5.27	16.533	2.06	22.57	1.37
4.500	1.83	10.533	5.27	16.567	2.06	22.60	1.37
4.533	1.83	10.567	5.27	16.600	2.06	22.63	1.37
4.567	1.83	10.600	6.18	16.633	2.06	22.67	1.37
4.600	1.83	10.633	7.10	16.667	2.06	22.70	1.37
4.633	1.83	10.667	7.10	16.700	2.06	22.73	1.37
4.667	1.83	10.700	7.10	16.733	2.06	22.77	1.37
4.700	1.83	10.733	7.10	16.767	2.06	22.80	1.37
4.733	1.83	10.767	7.10	16.800	2.06	22.83	1.37
4.767	1.83	10.800	7.10	16.833	2.06	22.87	1.37
4.800	1.83	10.833	7.10	16.867	2.06	22.90	1.37
4.833	1.83	10.867	7.10	16.900	2.06	22.93	1.37
4.867	1.83	10.900	7.10	16.933	2.06	22.97	1.37
4.900	1.83	10.933	7.10	16.967	2.06	23.00	1.37
4.933	1.83	10.967	7.10	17.000	2.06	23.03	1.37
4.967	1.83	11.000	7.10	17.033	2.06	23.07	1.37
5.000	1.83	11.033	7.10	17.067	2.06	23.10	1.37
5.033	1.83	11.067	7.10	17.100	2.06	23.13	1.37
5.067	1.83	11.100	9.05	17.133	2.06	23.17	1.37
5.100	1.83	11.133	10.99	17.167	2.06	23.20	1.37
5.133	1.83	11.167	10.99	17.200	2.06	23.23	1.37
5.167	1.83	11.200	10.99	17.233	2.06	23.27	1.37
5.200	1.83	11.233	10.99	17.267	2.06	23.30	1.37
5.233	1.83	11.267	10.99	17.300	2.06	23.33	1.37
5.267	1.83	11.300	10.99	17.333	2.06	23.37	1.37
5.300	1.83	11.333	10.99	17.367	2.06	23.40	1.37
5.333	1.83	11.367	10.99	17.400	2.06	23.43	1.37
5.367	1.83	11.400	10.99	17.433	2.06	23.47	1.37
5.400	1.83	11.433	10.99	17.467	2.06	23.50	1.37
5.433	1.83	11.467	10.99	17.500	2.06	23.53	1.37
5.467	1.83	11.500	10.99	17.533	2.06	23.57	1.37
5.500	1.83	11.533	10.99	17.567	2.06	23.60	1.37
5.533	1.83	11.567	10.99	17.600	2.06	23.63	1.37
5.567	1.83	11.600	22.46	17.633	2.06	23.67	1.37
5.600	1.83	11.633	33.88	17.667	2.06	23.70	1.37
5.633	1.83	11.667	33.88	17.700	2.06	23.73	1.37
5.667	1.83	11.700	33.88	17.733	2.06	23.77	1.37
5.700	1.83	11.733	33.88	17.767	2.06	23.80	1.37
5.733	1.83	11.767	33.88	17.800	2.06	23.83	1.37
5.767	1.83	11.800	33.88	17.833	2.06	23.87	1.37
5.800	1.83	11.833	34.02	17.867	2.06	23.90	1.37
5.833	1.83	11.867	140.11	17.900	2.06	23.93	1.37
5.867	1.83	11.900	140.11	17.933	2.06	23.97	1.37
5.900	1.83	11.933	140.11	17.967	2.06	24.00	1.37
5.933	1.83	11.967	140.11	18.000	2.06	24.03	1.37
5.967	1.83	12.000	140.11	18.033	2.06	24.07	1.37
6.000	1.83	12.033	140.11	18.067	2.06	24.10	0.69
6.033	1.83	12.067	140.11	18.100	2.06		

Unit Hyd Qpeak (cms)= 0.523

PEAK FLOW (cms)= 0.499 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 66.213
TOTAL RAINFALL (mm)= 114.469
RUNOFF COEFFICIENT = 0.578

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0009)	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
ID1= 1 (0101):	3.15	0.499	12.20	66.21
+ ID2= 2 (0103):	1.47	0.263	12.17	66.21
ID = 3 (0009):	4.62	0.756	12.20	66.21

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

25mm 4hr Chicago WQ Storm

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       V    V   I    SSSSS  U   U    A    L              (v 6.2.2015)
       V    V   I    SS     U   U   A A   L
        V  V    I      SS   U   U  AAAAA  L
         V V    I       SS  U   U A   A  L
          VV    I    SSSSS  UUUUU A   A  LLLLL

        OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
       O   O    T      T    H   H   Y Y   MM MM  O   O
       O   O    T      T    H   H    Y    M M M  O   O
        OOO     T      T    H   H    Y    M   M   OOO
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                    *****  D E T A I L E D    O U T P U T *****

  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\eelfe3a4-48f5-416c-bec2-
dedeb8d38cf6\55a860a8-4ea2-4748-b08c-5983e0f98e33\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\eelfe3a4-48f5-416c-bec2-
dedeb8d38cf6\55a860a8-4ea2-4748-b08c-5983e0f98e33\scen

DATE: 11/01/2023                          TIME: 03:23:15

USER:


COMMENTS: _____

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  ************************************************
  ** SIMULATION : 25mm 4hr 5min Chicago WQ stor **
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| CHICAGO STORM    |    IDF curve parameters: A= 141.350
| Ptotal=  9.33 mm |                          B=   5.200
--------------------                          C=   0.746
                       used in:   INTENSITY =  A / (t + B)^C

                       Duration of storm  =  4.00 hrs
                       Storm time step    =  5.00 min
                       Time to peak ratio =  0.46

      TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
       hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
      0.00    0.66 |  1.00    1.30 |  2.00    3.86 |  3.00    0.97
      0.08    0.68 |  1.08    1.44 |  2.08    2.98 |  3.08    0.92
      0.17    0.71 |  1.17    1.61 |  2.17    2.45 |  3.17    0.88
      0.25    0.74 |  1.25    1.84 |  2.25    2.09 |  3.25    0.84
      0.33    0.78 |  1.33    2.16 |  2.33    1.83 |  3.33    0.80
      0.42    0.81 |  1.42    2.63 |  2.42    1.63 |  3.42    0.77
      0.50    0.86 |  1.50    3.42 |  2.50    1.48 |  3.50    0.74
      0.58    0.91 |  1.58    5.00 |  2.58    1.36 |  3.58    0.72
      0.67    0.96 |  1.67    9.74 |  2.67    1.25 |  3.67    0.69
      0.75    1.03 |  1.75   25.00 |  2.75    1.17 |  3.75    0.67
      0.83    1.10 |  1.83   10.28 |  2.83    1.09 |  3.83    0.65
      0.92    1.19 |  1.92    5.56 |  2.92    1.03 |  3.92    0.63

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| CALIB             |
| NASHYD   (  0102)|   Area     (ha)=  14.73   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
-------------------   U.H. Tp(hrs)=   0.33

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.


                    ---- TRANSFORMED HYETOGRAPH ----
      TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
       hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
     0.033    0.66 | 1.033    1.30 | 2.033    3.86 |  3.03    0.97
     0.067    0.66 | 1.067    1.30 | 2.067    3.86 |  3.07    0.97
     0.100    0.67 | 1.100    1.37 | 2.100    3.42 |  3.10    0.95
     0.133    0.68 | 1.133    1.44 | 2.133    2.98 |  3.13    0.92
     0.167    0.68 | 1.167    1.44 | 2.167    2.98 |  3.17    0.92
     0.200    0.71 | 1.200    1.61 | 2.200    2.45 |  3.20    0.88
     0.233    0.71 | 1.233    1.61 | 2.233    2.45 |  3.23    0.88
     0.267    0.73 | 1.267    1.73 | 2.267    2.27 |  3.27    0.86
     0.300    0.74 | 1.300    1.84 | 2.300    2.09 |  3.30    0.84
     0.333    0.74 | 1.333    1.84 | 2.333    2.09 |  3.33    0.84
     0.367    0.78 | 1.367    2.16 | 2.367    1.83 |  3.37    0.80
     0.400    0.78 | 1.400    2.16 | 2.400    1.83 |  3.40    0.80
     0.433    0.80 | 1.433    2.40 | 2.433    1.73 |  3.43    0.79
     0.467    0.81 | 1.467    2.63 | 2.467    1.63 |  3.47    0.77
     0.500    0.81 | 1.500    2.63 | 2.500    1.63 |  3.50    0.77
     0.533    0.86 | 1.533    3.42 | 2.533    1.48 |  3.53    0.74
     0.567    0.86 | 1.567    3.42 | 2.567    1.48 |  3.57    0.74
     0.600    0.88 | 1.600    4.21 | 2.600    1.42 |  3.60    0.73
     0.633    0.91 | 1.633    5.00 | 2.633    1.36 |  3.63    0.72
     0.667    0.91 | 1.667    5.00 | 2.667    1.36 |  3.67    0.72
     0.700    0.96 | 1.700    9.74 | 2.700    1.25 |  3.70    0.69
     0.733    0.96 | 1.733    9.74 | 2.733    1.25 |  3.73    0.69
     0.767    1.00 | 1.767   17.37 | 2.767    1.21 |  3.77    0.68
     0.800    1.03 | 1.800   25.00 | 2.800    1.17 |  3.80    0.67
     0.833    1.03 | 1.833   25.00 | 2.833    1.17 |  3.83    0.67
     0.867    1.10 | 1.867   10.28 | 2.867    1.09 |  3.87    0.65
     0.900    1.10 | 1.900   10.28 | 2.900    1.09 |  3.90    0.65
     0.933    1.15 | 1.933    7.92 | 2.933    1.06 |  3.93    0.64
     0.967    1.19 | 1.967    5.56 | 2.967    1.03 |  3.97    0.63
     1.000    1.19 | 2.000    5.56 | 3.000    1.03 |  4.00    0.63

    Unit Hyd Qpeak  (cms)=   1.705

    PEAK FLOW       (cms)=   0.002 (i)
    TIME TO PEAK    (hrs)=   3.333
    RUNOFF VOLUME    (mm)=   0.095
    TOTAL RAINFALL   (mm)=   9.327
    RUNOFF COEFFICIENT   =   0.010

    (i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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| CALIB             |
| NASHYD   (  0105)|   Area     (ha)=   3.55   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
-------------------   U.H. Tp(hrs)=   0.24

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.


                    ---- TRANSFORMED HYETOGRAPH ----
      TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
       hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
     0.033    0.66 | 1.033    1.30 | 2.033    3.86 |  3.03    0.97
     0.067    0.66 | 1.067    1.30 | 2.067    3.86 |  3.07    0.97
     0.100    0.67 | 1.100    1.37 | 2.100    3.42 |  3.10    0.95
     0.133    0.68 | 1.133    1.44 | 2.133    2.98 |  3.13    0.92
     0.167    0.68 | 1.167    1.44 | 2.167    2.98 |  3.17    0.92
     0.200    0.71 | 1.200    1.61 | 2.200    2.45 |  3.20    0.88
     0.233    0.71 | 1.233    1.61 | 2.233    2.45 |  3.23    0.88
     0.267    0.73 | 1.267    1.73 | 2.267    2.27 |  3.27    0.86
     0.300    0.74 | 1.300    1.84 | 2.300    2.09 |  3.30    0.84
     0.333    0.74 | 1.333    1.84 | 2.333    2.09 |  3.33    0.84
     0.367    0.78 | 1.367    2.16 | 2.367    1.83 |  3.37    0.80
     0.400    0.78 | 1.400    2.16 | 2.400    1.83 |  3.40    0.80
     0.433    0.80 | 1.433    2.40 | 2.433    1.73 |  3.43    0.79
     0.467    0.81 | 1.467    2.63 | 2.467    1.63 |  3.47    0.77
     0.500    0.81 | 1.500    2.63 | 2.500    1.63 |  3.50    0.77
     0.533    0.86 | 1.533    3.42 | 2.533    1.48 |  3.53    0.74
     0.567    0.86 | 1.567    3.42 | 2.567    1.48 |  3.57    0.74
     0.600    0.88 | 1.600    4.21 | 2.600    1.42 |  3.60    0.73
     0.633    0.91 | 1.633    5.00 | 2.633    1.36 |  3.63    0.72
     0.667    0.91 | 1.667    5.00 | 2.667    1.36 |  3.67    0.72
     0.700    0.96 | 1.700    9.74 | 2.700    1.25 |  3.70    0.69
     0.733    0.96 | 1.733    9.74 | 2.733    1.25 |  3.73    0.69
     0.767    1.00 | 1.767   17.37 | 2.767    1.21 |  3.77    0.68
     0.800    1.03 | 1.800   25.00 | 2.800    1.17 |  3.80    0.67
     0.833    1.03 | 1.833   25.00 | 2.833    1.17 |  3.83    0.67
     0.867    1.10 | 1.867   10.28 | 2.867    1.09 |  3.87    0.65
     0.900    1.10 | 1.900   10.28 | 2.900    1.09 |  3.90    0.65
     0.933    1.15 | 1.933    7.92 | 2.933    1.06 |  3.93    0.64
     0.967    1.19 | 1.967    5.56 | 2.967    1.03 |  3.97    0.63
     1.000    1.19 | 2.000    5.56 | 3.000    1.03 |  4.00    0.63

    Unit Hyd Qpeak  (cms)=   0.565

    PEAK FLOW       (cms)=   0.001 (i)
    TIME TO PEAK    (hrs)=   3.100
    RUNOFF VOLUME    (mm)=   0.095
    TOTAL RAINFALL   (mm)=   9.327
    RUNOFF COEFFICIENT   =   0.010

    (i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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| CALIB             |
| NASHYD   (  0106)|   Area     (ha)=   0.36   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
-------------------   U.H. Tp(hrs)=   0.14

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.


                    ---- TRANSFORMED HYETOGRAPH ----
      TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
       hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
     0.033    0.66 | 1.033    1.30 | 2.033    3.86 |  3.03    0.97
     0.067    0.66 | 1.067    1.30 | 2.067    3.86 |  3.07    0.97
     0.100    0.67 | 1.100    1.37 | 2.100    3.42 |  3.10    0.95
     0.133    0.68 | 1.133    1.44 | 2.133    2.98 |  3.13    0.92
     0.167    0.68 | 1.167    1.44 | 2.167    2.98 |  3.17    0.92
     0.200    0.71 | 1.200    1.61 | 2.200    2.45 |  3.20    0.88
     0.233    0.71 | 1.233    1.61 | 2.233    2.45 |  3.23    0.88
     0.267    0.73 | 1.267    1.73 | 2.267    2.27 |  3.27    0.86
     0.300    0.74 | 1.300    1.84 | 2.300    2.09 |  3.30    0.84
     0.333    0.74 | 1.333    1.84 | 2.333    2.09 |  3.33    0.84
     0.367    0.78 | 1.367    2.16 | 2.367    1.83 |  3.37    0.80
     0.400    0.78 | 1.400    2.16 | 2.400    1.83 |  3.40    0.80
     0.433    0.80 | 1.433    2.40 | 2.433    1.73 |  3.43    0.79
     0.467    0.81 | 1.467    2.63 | 2.467    1.63 |  3.47    0.77
     0.500    0.81 | 1.500    2.63 | 2.500    1.63 |  3.50    0.77
     0.533    0.86 | 1.533    3.42 | 2.533    1.48 |  3.53    0.74
     0.567    0.86 | 1.567    3.42 | 2.567    1.48 |  3.57    0.74
     0.600    0.88 | 1.600    4.21 | 2.600    1.42 |  3.60    0.73
     0.633    0.91 | 1.633    5.00 | 2.633    1.36 |  3.63    0.72
     0.667    0.91 | 1.667    5.00 | 2.667    1.36 |  3.67    0.72
     0.700    0.96 | 1.700    9.74 | 2.700    1.25 |  3.70    0.69
     0.733    0.96 | 1.733    9.74 | 2.733    1.25 |  3.73    0.69
     0.767    1.00 | 1.767   17.37 | 2.767    1.21 |  3.77    0.68
     0.800    1.03 | 1.800   25.00 | 2.800    1.17 |  3.80    0.67
     0.833    1.03 | 1.833   25.00 | 2.833    1.17 |  3.83    0.67
     0.867    1.10 | 1.867   10.28 | 2.867    1.09 |  3.87    0.65
     0.900    1.10 | 1.900   10.28 | 2.900    1.09 |  3.90    0.65
     0.933    1.15 | 1.933    7.92 | 2.933    1.06 |  3.93    0.64
     0.967    1.19 | 1.967    5.56 | 2.967    1.03 |  3.97    0.63
     1.000    1.19 | 2.000    5.56 | 3.000    1.03 |  4.00    0.63

    Unit Hyd Qpeak  (cms)=   0.098

    PEAK FLOW       (cms)=   0.000 (i)
    TIME TO PEAK    (hrs)=   2.833
    RUNOFF VOLUME    (mm)=   0.094
    TOTAL RAINFALL   (mm)=   9.327
    RUNOFF COEFFICIENT   =   0.010

    (i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

--------------------------------------------------------------------------------
-------------------
| CALIB             |
| STANDHYD (  0104)|   Area     (ha)=   0.95
|ID= 1 DT= 1.0 min |   Total Imp(%)=  53.00   Dir. Conn.(%)=  26.00
-------------------

                        IMPERVIOUS    PERVIOUS (i)
    Surface Area     (ha)=     0.50          0.45
    Dep. Storage     (mm)=     1.00          6.75
    Average Slope     (%)=     1.00          2.00
    Length            (m)=    50.00         40.00
    Mannings n            =    0.013         0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.


                    ---- TRANSFORMED HYETOGRAPH ----
      TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
       hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
     0.017    0.66 | 1.017    1.30 | 2.017    3.86 |  3.02    0.97
     0.033    0.66 | 1.033    1.30 | 2.033    3.86 |  3.03    0.97
     0.050    0.66 | 1.050    1.30 | 2.050    3.86 |  3.05    0.97
     0.067    0.66 | 1.067    1.30 | 2.067    3.86 |  3.07    0.97
     0.083    0.66 | 1.083    1.30 | 2.083    3.86 |  3.08    0.97
     0.100    0.68 | 1.100    1.44 | 2.100    2.98 |  3.10    0.92
     0.117    0.68 | 1.117    1.44 | 2.117    2.98 |  3.12    0.92
     0.133    0.68 | 1.133    1.44 | 2.133    2.98 |  3.13    0.92
     0.150    0.68 | 1.150    1.44 | 2.150    2.98 |  3.15    0.92
     0.167    0.68 | 1.167    1.44 | 2.167    2.98 |  3.17    0.92
     0.183    0.71 | 1.183    1.61 | 2.183    2.45 |  3.18    0.88
     0.200    0.71 | 1.200    1.61 | 2.200    2.45 |  3.20    0.88
     0.217    0.71 | 1.217    1.61 | 2.217    2.45 |  3.22    0.88
     0.233    0.71 | 1.233    1.61 | 2.233    2.45 |  3.23    0.88
     0.250    0.71 | 1.250    1.61 | 2.250    2.45 |  3.25    0.88
     0.267    0.74 | 1.267    1.84 | 2.267    2.09 |  3.27    0.84
     0.283    0.74 | 1.283    1.84 | 2.283    2.09 |  3.28    0.84
     0.300    0.74 | 1.300    1.84 | 2.300    2.09 |  3.30    0.84
     0.317    0.74 | 1.317    1.84 | 2.317    2.09 |  3.32    0.84
     0.333    0.74 | 1.333    1.84 | 2.333    2.09 |  3.33    0.84
     0.350    0.78 | 1.350    2.16 | 2.350    1.83 |  3.35    0.80
     0.367    0.78 | 1.367    2.16 | 2.367    1.83 |  3.37    0.80
     0.383    0.78 | 1.383    2.16 | 2.383    1.83 |  3.38    0.80
     0.400    0.78 | 1.400    2.16 | 2.400    1.83 |  3.40    0.80
     0.417    0.78 | 1.417    2.16 | 2.417    1.83 |  3.42    0.80
     0.433    0.81 | 1.433    2.63 | 2.433    1.63 |  3.43    0.77
     0.450    0.81 | 1.450    2.63 | 2.450    1.63 |  3.45    0.77
     0.467    0.81 | 1.467    2.63 | 2.467    1.63 |  3.47    0.77
     0.483    0.81 | 1.483    2.63 | 2.483    1.63 |  3.48    0.77
     0.500    0.81 | 1.500    2.63 | 2.500    1.63 |  3.50    0.77
     0.517    0.86 | 1.517    3.42 | 2.517    1.48 |  3.52    0.74
     0.533    0.86 | 1.533    3.42 | 2.533    1.48 |  3.53    0.74
```

25mm 4hr Chicago WQ Storm

0.550	0.86	1.550	3.42	2.550	1.48	3.55	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.583	0.86	1.583	3.42	2.583	1.48	3.58	0.74
0.600	0.91	1.600	5.00	2.600	1.36	3.60	0.72
0.617	0.91	1.617	5.00	2.617	1.36	3.62	0.72
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.650	0.91	1.650	5.00	2.650	1.36	3.65	0.72
0.667	0.91	1.667	5.00	2.667	1.36	3.67	0.72
0.683	0.96	1.683	9.74	2.683	1.25	3.68	0.69
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.717	0.96	1.717	9.74	2.717	1.25	3.72	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.750	0.96	1.750	9.74	2.750	1.25	3.75	0.69
0.767	1.03	1.767	25.00	2.767	1.17	3.77	0.67
0.783	1.03	1.783	25.00	2.783	1.17	3.78	0.67
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.817	1.03	1.817	25.00	2.817	1.17	3.82	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.850	1.10	1.850	10.28	2.850	1.09	3.85	0.65
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.883	1.10	1.883	10.28	2.883	1.09	3.88	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.917	1.10	1.917	10.28	2.917	1.09	3.92	0.65
0.933	1.19	1.933	5.56	2.933	1.03	3.93	0.63
0.950	1.19	1.950	5.56	2.950	1.03	3.95	0.63
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
0.983	1.19	1.983	5.56	2.983	1.03	3.98	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

```
Max.Eff.Inten.(mm/hr)=      25.00          0.57
          over (min)         5.00         59.00
Storage Coeff.  (min)=      2.93 (ii)    58.88 (ii)
Unit Hyd. Tpeak (min)=      5.00         59.00
Unit Hyd. peak  (cms)=      0.31          0.02
                                                  *TOTALS*
PEAK FLOW       (cms)=      0.01          0.00          0.014 (iii)
TIME TO PEAK    (hrs)=      1.87          3.38          1.87
RUNOFF VOLUME    (mm)=      8.33          0.53          2.52
TOTAL RAINFALL   (mm)=      9.33          9.33          9.33
RUNOFF COEFFICIENT   =      0.89          0.06          0.27


  (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
      CN*  =  79.0    Ia = Dep. Storage  (Above)
 (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
      THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.
```

```
-------------------
| CALIB             |
| NASHYD   (  0103)|   Area     (ha)=   1.47   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
-------------------   U.H. Tp(hrs)=   0.19

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.
```

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.66	1.033	1.30	2.033	3.86	3.03	0.97
0.067	0.66	1.067	1.30	2.067	3.86	3.07	0.97
0.100	0.67	1.100	1.37	2.100	3.42	3.10	0.95
0.133	0.68	1.133	1.44	2.133	2.98	3.13	0.92
0.167	0.68	1.167	1.44	2.167	2.98	3.17	0.92
0.200	0.71	1.200	1.61	2.200	2.45	3.20	0.88
0.233	0.71	1.233	1.61	2.233	2.45	3.23	0.88
0.267	0.73	1.267	1.73	2.267	2.27	3.27	0.86
0.300	0.74	1.300	1.84	2.300	2.09	3.30	0.84
0.333	0.74	1.333	1.84	2.333	2.09	3.33	0.84
0.367	0.78	1.367	2.16	2.367	1.83	3.37	0.80
0.400	0.78	1.400	2.16	2.400	1.83	3.40	0.80
0.433	0.80	1.433	2.40	2.433	1.73	3.43	0.79
0.467	0.81	1.467	2.63	2.467	1.63	3.47	0.77
0.500	0.81	1.500	2.63	2.500	1.63	3.50	0.77
0.533	0.86	1.533	3.42	2.533	1.48	3.53	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.600	0.88	1.600	4.21	2.600	1.42	3.60	0.73
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.667	0.91	1.667	5.00	2.667	1.36	3.67	0.72
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.767	1.00	1.767	17.37	2.767	1.21	3.77	0.68
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.933	1.15	1.933	7.92	2.933	1.06	3.93	0.64
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

```
Unit Hyd Qpeak  (cms)=   0.296

PEAK FLOW       (cms)=   0.000 (i)
TIME TO PEAK    (hrs)=   2.967
RUNOFF VOLUME    (mm)=   0.094
TOTAL RAINFALL   (mm)=   9.327
RUNOFF COEFFICIENT   =   0.010

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.
```

```
-------------------
| CALIB             |
| NASHYD   (  0101)|   Area     (ha)=   3.15   Curve Number    (CN)= 79.0
|ID= 1 DT= 2.0 min |   Ia       (mm)=   6.75   # of Linear Res.(N)= 3.00
-------------------   U.H. Tp(hrs)=   0.23

        NOTE:  RAINFALL WAS TRANSFORMED TO   2.0 MIN. TIME STEP.
```

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.033	0.66	1.033	1.30	2.033	3.86	3.03	0.97
0.067	0.66	1.067	1.30	2.067	3.86	3.07	0.97
0.100	0.67	1.100	1.37	2.100	3.42	3.10	0.95
0.133	0.68	1.133	1.44	2.133	2.98	3.13	0.92
0.167	0.68	1.167	1.44	2.167	2.98	3.17	0.92
0.200	0.71	1.200	1.61	2.200	2.45	3.20	0.88
0.233	0.71	1.233	1.61	2.233	2.45	3.23	0.88
0.267	0.73	1.267	1.73	2.267	2.27	3.27	0.86
0.300	0.74	1.300	1.84	2.300	2.09	3.30	0.84
0.333	0.74	1.333	1.84	2.333	2.09	3.33	0.84
0.367	0.78	1.367	2.16	2.367	1.83	3.37	0.80
0.400	0.78	1.400	2.16	2.400	1.83	3.40	0.80
0.433	0.80	1.433	2.40	2.433	1.73	3.43	0.79
0.467	0.81	1.467	2.63	2.467	1.63	3.47	0.77
0.500	0.81	1.500	2.63	2.500	1.63	3.50	0.77
0.533	0.86	1.533	3.42	2.533	1.48	3.53	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.600	0.88	1.600	4.21	2.600	1.42	3.60	0.73
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.667	0.91	1.667	5.00	2.667	1.36	3.67	0.72
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.767	1.00	1.767	17.37	2.767	1.21	3.77	0.68
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.933	1.15	1.933	7.92	2.933	1.06	3.93	0.64
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

```
Unit Hyd Qpeak  (cms)=   0.523

PEAK FLOW       (cms)=   0.000 (i)
TIME TO PEAK    (hrs)=   3.067
RUNOFF VOLUME    (mm)=   0.095
TOTAL RAINFALL   (mm)=   9.327
RUNOFF COEFFICIENT   =   0.010

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.
```

```
-------------------
| ADD HYD  (  0009)|
|   1 +  2 =  3    |          AREA    QPEAK    TPEAK     R.V.
-------------------           (ha)    (cms)    (hrs)     (mm)
       ID1= 1 (  0101):     3.15   0.000     3.07     0.09
     + ID2= 2 (  0103):     1.47   0.000     2.97     0.09
       ==========================================
       ID = 3 (  0009):     4.62   0.001     3.03     0.09

    NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
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 FINISH
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Appendix C

Post-Development Hydrologic Modeling

Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

Project Number: 49428-100
Date: 11/22/2023
Designed by: SXA
File: Q:\49428\100\SWM\Preliminary\[49428-100 -Preliminary SWM Analysis.xlsx]Param - Post

POST-DEVELOPMENT CONDITIONS HYDROLOGIC MODELING PARAMETERS

Catchment ID	Catchment Description	Hydrograph Method	Area (ha)	**Perv. CN**	Perv. IA	IMP IA (mm)	Impervious (%) TIMP	Impervious (%) XIMP	Flow Length (m) Perv.	Flow Length (m) Imperv.	Manning "n" Perv.	Manning "n" Imperv.	Slope (%) Perv.	Slope (%) Imperv.	Time to Peak Tp (hrs)
201	Uncontrolled to Townline Ditch - Park, Easement, SPS & backs of towns Block 58-60	NASHYD	2.54	80	6.35	1.00	0.10	0.00	100	20	0.250	0.013	2.0	1.0	0.11
202	Uncontrolled to Townline Ditch - portion of Towns, Street B & SWM Block	STANDHYD	0.33	80	6.35	1.00	0.70	0.30	10	30	0.25	0.013	2.0	1.0	0.11
203	Uncontrolled to Townline Ditch - Street A & Street C	STANDHYD	1.05	80	6.35	1.00	0.28	0.14	10	30	0.25	0.013	2.0	1.0	0.11
204	Controlled to SWM Pond	STANDHYD	16.91	90	2.82	1.00	0.75	0.37	30	40	0.250	0.013	2.0	1.0	0.13
205	Uncontrolled Lundy's lane to 750mm Culvert at Townline Road	NASHYD	0.28	80	6.35	1.00	0.20	0.01	15	5	0.250	0.013	2.0	1.0	0.11
206	Uncontrolled to Lundy's lane Ditch	NASHYD	0.13	80	6.35	1.00	0.25	0.01	15	5	0.250	0.013	2.0	1.0	0.11
207	Uncontrolled Block 72 West (sheet flow to adjacent lot)	NASHYD	0.25	80	6.35	1.00	0.25	0.01	15	5	0.250	0.013	2.0	1.0	0.11
208	Uncontrolled Backs of Sgl Family Detached (sheet flow to future development)	STANDHYD	0.61	80	6.35	1.00	0.45	0.01	25	5	0.250	0.013	2.0	1.0	0.11
209	Uncontrolled Townhouse block 69 (sheet flow West to future development)	NASHYD	0.06	80	6.35	1.00	0.25	0.01	5	0	0.250	0.013	2.0	1.0	0.11
210	Uncontrolled Townhouse block 69 (sheet flow North to field)	NASHYD	0.10	80	6.35	1.00	0.25	0.01	5	0	0.250	0.013	2.0	1.0	0.11
211	Controlled to SWM Pond (up to 5-yr) & Overland to Townline Rd (>5-yr)	STANDHYD	0.18	90	2.82	1.00	0.70	0.35	10	5	0.250	0.013	2.0	8.0	0.11
212	Pond Block	STANDHYD	1.77	80	6.35	1.00	0.50	0.50	2	10	0.250	0.013	33.0	2.0	0.11
		TOTAL	**24.21**				**0.62**								

- For NASHYD commands, N=3
- Pervious Initial Abstraction (Perv. Ia) = 0.1 x S , where S = (25400 / CN) - 254
- Depression Storage over Impervious areas (DPSI) = 1.0 mm
* Pond Imperviousness = permanent water surface area / block area = 0.66 ha / 1.86 ha = 35.5%. 50% Imperviousness modeled is conservatively high.

Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

Project Number: 49428-100
Date: 9/6/2023
Designed by: SXA
File: Q:\49428\100\SWM\Preliminary\[49428-100 -Preliminary SWM Analysis.xlsx]Param - Post

Time to Peak Calculations

Time to peak (T_p) values were derived from time of concentration (T_c) calculations based on the Bransby - Williams Formula:

$$T_c = \frac{kL}{(S^{0.3}A^{0.1})}$$ (MTO Dainage Manual Design Chart 1.12)

T_c = Overland flow time of concentration (minutes)
L = Flow travel length
S = Basin slope (%)
k = 0.01445
A = Watershed Area (sq km)

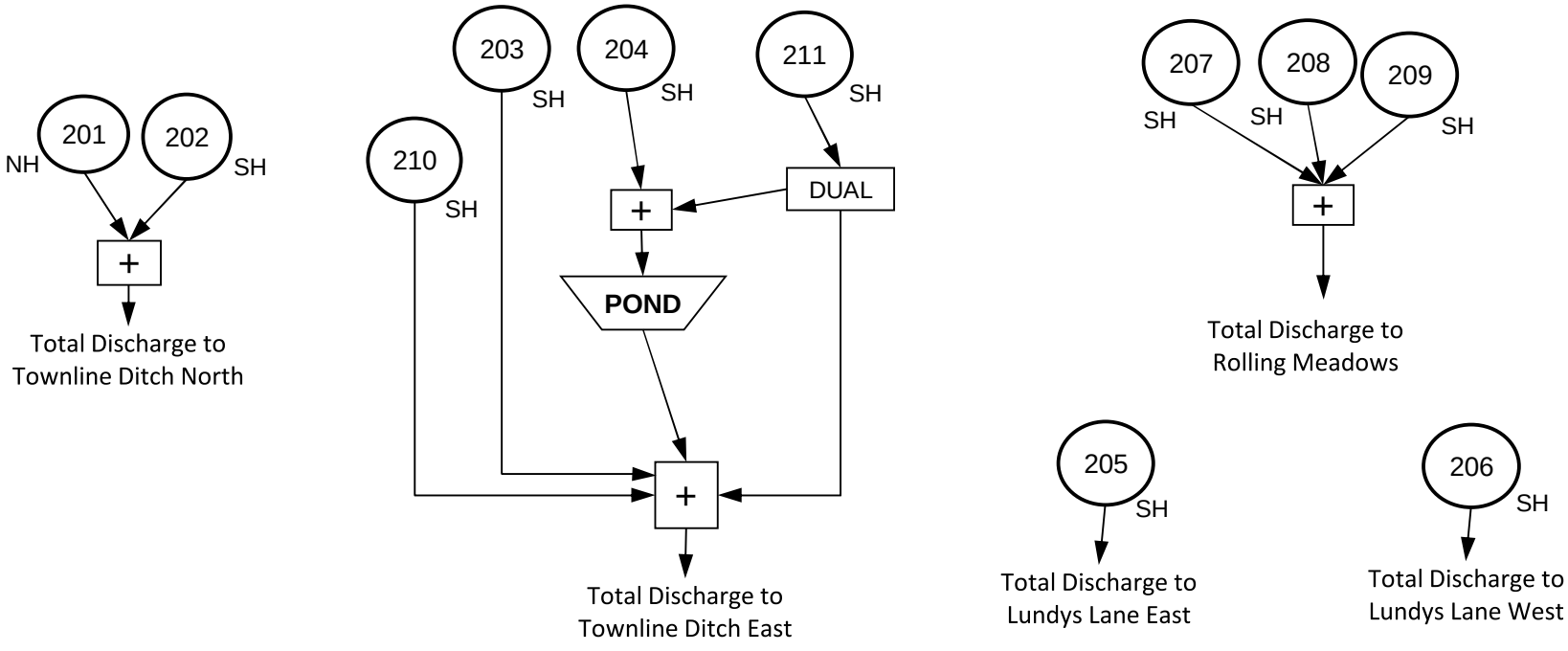
From this, **$T_p = 0.67\ T_c$**

The time to peak values used in the NASHYD command for the existing conditions hydrologic modeling are shown below:

Catchment ID	Area (ha)	Length (m)	'C'	Slope (m/m)	T_c (min)	T_p (min)	T_p (hrs)
201	2.54	80	0.10	0.33	10	6.7	0.11
202	0.33	29	0.70	0.02	10	6.7	0.11
203	1.05	51	0.28	0.02	10	6.7	0.11
204	16.91	206	0.75	0.02	11.48	7.69	0.13
205	0.28	26	0.20	0.02	10	6.7	0.11
206	0.13	18	0.25	0.02	10	6.7	0.11
207	0.25	25	0.25	0.02	10	6.7	0.11
208	0.61	39	0.45	0.02	10	6.7	0.11
209	0.06	12	0.25	0.02	10	6.7	0.11
210	0.10	16	0.25	0.02	10	6.7	0.11
211	0.18	21	0.70	0.02	10	6.7	0.11
212	1.77	67	0.50	0.02	10	6.7	0.11
Total	24.21						

Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

PROPOSED DEVELOPMENT CONDITIONS MODEL SCHEMATIC



LEGEND

Storage — Route Reservoir through Active / Dead Storage

201 — Catchment Area

\+ — Add Hydrographs

- "NH" denotes NASHYD hydrograph command
- "SH" denotes STANDHYD hydrograph command

2-yr 24hr SCS Type II

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================================================================================
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      V    V   I    SSSSS  U   U    A    L                (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
       V  V    I      SS   U   U  A   A  L
        VV     I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M   M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                  *****  D E T A I L E D   O U T P U T  *****

  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\e898f241-ce8b-475d-918e-fb45c18be049\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\e898f241-ce8b-475d-918e-fb45c18be049\scen

DATE: 11/01/2023                          TIME: 04:20:51

USER:

COMMENTS: _____

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  ***********************************************
  ** SIMULATION : 002 2yr 24hr 10min SCS Type I **
  ***********************************************

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|    READ STORM     |    Filename: C:\Users\SAhonen\AppD
|                   |              ata\Local\Temp\
|                   |              c1647a78-757b-4305-aa52-b335c28469ae\734386be
| Ptotal= 59.77 mm  |    Comments: 2yr 24hr 10min SCS Type II (MTO)
---------------------
```

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.00	0.00	6.17	1.08	12.33	8.61	18.50	1.08
0.17	0.66	6.33	1.08	12.50	8.61	18.67	1.08
0.33	0.66	6.50	1.08	12.67	4.42	18.83	1.08
0.50	0.66	6.67	1.08	12.83	4.42	19.00	1.08
0.67	0.66	6.83	1.08	13.00	4.42	19.17	1.08
0.83	0.66	7.00	1.08	13.17	3.23	19.33	1.08
1.00	0.66	7.17	1.31	13.33	3.23	19.50	1.08
1.17	0.66	7.33	1.31	13.50	3.23	19.67	1.08
1.33	0.66	7.50	1.31	13.67	2.51	19.83	1.08
1.50	0.66	7.67	1.31	13.83	2.51	20.00	1.08
1.67	0.66	7.83	1.31	14.00	2.51	20.17	0.72
1.83	0.66	8.00	1.31	14.17	1.79	20.33	0.72
2.00	0.66	8.17	1.55	14.33	1.79	20.50	0.72
2.17	0.78	8.33	1.55	14.50	1.79	20.67	0.72
2.33	0.78	8.50	1.55	14.67	1.79	20.83	0.72
2.50	0.78	8.67	1.67	14.83	1.79	21.00	0.72
2.67	0.78	8.83	1.67	15.00	1.79	21.17	0.72
2.83	0.78	9.00	1.67	15.17	1.79	21.33	0.72
3.00	0.78	9.17	1.91	15.33	1.79	21.50	0.72
3.17	0.78	9.33	1.91	15.50	1.79	21.67	0.72
3.33	0.78	9.50	1.91	15.67	1.79	21.83	0.72
3.50	0.78	9.67	2.15	15.83	1.79	22.00	0.72
3.67	0.78	9.83	2.15	16.00	1.79	22.17	0.72
3.83	0.78	10.00	2.15	16.17	1.08	22.33	0.72
4.00	0.78	10.17	2.75	16.33	1.08	22.50	0.72
4.17	0.96	10.33	2.75	16.50	1.08	22.67	0.72
4.33	0.96	10.50	2.75	16.67	1.08	22.83	0.72
4.50	0.96	10.67	3.71	16.83	1.08	23.00	0.72
4.67	0.96	10.83	3.71	17.00	1.08	23.17	0.72
4.83	0.96	11.00	3.71	17.17	1.08	23.33	0.72
5.00	0.96	11.17	5.74	17.33	1.08	23.50	0.72
5.17	0.96	11.33	5.74	17.50	1.08	23.67	0.72
5.33	0.96	11.50	5.74	17.67	1.08	23.83	0.72
5.50	0.96	11.67	17.69	17.83	1.08	24.00	0.72
5.67	0.96	11.83	45.43	18.00	1.08		
5.83	0.96	12.00	73.16	18.17	1.08		
6.00	0.96	12.17	8.61	18.33	1.08		

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| CALIB             |
| STANDHYD (  0204)|   Area    (ha)=  16.91
|ID= 1 DT= 1.0 min |   Total Imp(%)=  75.00   Dir. Conn.(%)=  37.50
---------------------

                          IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=      12.68         4.23
     Dep. Storage     (mm)=       1.00         5.00
     Average Slope     (%)=       2.00         2.00
     Length            (m)=      40.00        30.00
     Mannings n             =    0.013        0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.

                              ---- TRANSFORMED HYETOGRAPH ----
```

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08
0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08
0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08
0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08
1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72

2-yr 24hr SCS Type II

2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72
3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

Max.Eff.Inten.(mm/hr)=		73.16	146.06
over (min)		5.00	8.00
Storage Coeff. (min)=		1.36 (ii)	7.08 (ii)
Unit Hyd. Tpeak (min)=		5.00	8.00
Unit Hyd. peak (cms)=		0.43	0.15
			TOTALS
PEAK FLOW	(cms)=	1.29	1.35 2.575 (iii)
TIME TO PEAK	(hrs)=	12.17	12.20 12.17
RUNOFF VOLUME	(mm)=	58.77	40.12 47.12
TOTAL RAINFALL	(mm)=	59.77	59.77 59.77
RUNOFF COEFFICIENT	=	0.98	0.67 0.79

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0211)	Area	(ha)= 0.18	
ID= 1 DT= 1.0 min	Total Imp(%)= 70.00	Dir. Conn.(%)= 35.00	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.13	0.05
Dep. Storage	(mm)=	1.00	2.80
Average Slope	(%)=	1.00	2.00
Length	(m)=	34.64	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08
0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08
0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08
0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08

2-yr 24hr SCS Type II

1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72
3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72

2-yr 24hr SCS Type II

5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

Max.Eff.Inten.(mm/hr)=	73.16	145.14	
over (min)	5.00	5.00	
Storage Coeff. (min)=	1.53 (ii)	4.81 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.42	0.23	
			TOTALS
PEAK FLOW (cms)=	0.01	0.02	0.032 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	58.77	47.82	51.64
TOTAL RAINFALL (mm)=	59.77	59.77	59.77
RUNOFF COEFFICIENT =	0.98	0.80	0.86

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 90.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

DUHYD (0023)					
Inlet Cap.= 0.039					
#of Inlets= 1					
Total(cms)= 0.0		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
TOTAL HYD.(ID= 1):		0.18	0.03	12.17	51.64
MAJOR SYS.(ID= 2):		0.00	0.00	0.00	0.00
MINOR SYS.(ID= 3):		0.18	0.03	12.17	51.64

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB
STANDHYD (0212)| Area (ha)= 1.77
ID= 1 DT= 1.0 min | Total Imp(%)= 50.00 Dir. Conn.(%)= 50.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.89	0.89
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	33.00
Length	(m)=	108.63	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08
0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08
0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08
0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08
1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.033	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72

2-yr 24hr SCS Type II

3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

```
     Max.Eff.Inten.(mm/hr)=      73.16        38.17
               over (min)         5.00         5.00
     Storage Coeff.  (min)=       3.04 (ii)    4.54 (ii)
     Unit Hyd. Tpeak (min)=       5.00         5.00
     Unit Hyd. peak  (cms)=       0.31         0.24
                                                      *TOTALS*
     PEAK FLOW       (cms)=       0.17         0.08      0.258 (iii)
     TIME TO PEAK    (hrs)=      12.17        12.18      12.17
     RUNOFF VOLUME    (mm)=      58.77        25.36      42.07
     TOTAL RAINFALL   (mm)=      59.77        59.77      59.77
     RUNOFF COEFFICIENT   =       0.98         0.42       0.70

       (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
           CN*  =  80.0    Ia = Dep. Storage  (Above)
      (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
           THAN THE STORAGE COEFFICIENT.
     (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.
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-------------------
| ADD HYD  (  0024)|
|   1 +  2 =  3    |        AREA    QPEAK    TPEAK      R.V.
-------------------         (ha)     (cms)    (hrs)      (mm)
       ID1= 1 (  0204):    16.91    2.575    12.17     47.12
     + ID2= 2 (  0212):     1.77    0.258    12.17     42.07
       ========================================================
       ID = 3 (  0024):    18.68    2.833    12.17     46.64

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
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-------------------
| ADD HYD  (  0024)|
|   3 +  2 =  1    |        AREA    QPEAK    TPEAK      R.V.
-------------------         (ha)     (cms)    (hrs)      (mm)
       ID1= 3 (  0024):    18.68    2.833    12.17     46.64
     + ID2= 2 (  0023):     0.18    0.032    12.17     51.64
       ========================================================
       ID = 1 (  0024):    18.86    2.865    12.17     46.69

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
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| RESERVOIR(  0002)|     OVERFLOW IS OFF
| IN= 2---> OUT= 1 |
| DT=  1.0 min     |    OUTFLOW    STORAGE   |  OUTFLOW    STORAGE
-------------------        (cms)     (ha.m.)  |    (cms)     (ha.m.)
                          0.0000      0.0000  |   0.4535      0.8095
                          0.0049      0.0710  |   0.5215      0.9015
                          0.0085      0.1443  |   0.5814      0.9955
                          0.0110      0.2200  |   0.6357      1.0914
                          0.0130      0.2982  |   0.8135      1.1894
                          0.0340      0.3786  |   1.1256      1.2893
                          0.0891      0.4610  |   1.5570      1.3912
                          0.1705      0.5453  |   2.1096      1.4952
                          0.2689      0.6314  |   2.7880      1.6010
                          0.3715      0.7195  |   3.5978      1.7088

                              AREA      QPEAK     TPEAK       R.V.
                              (ha)      (cms)     (hrs)       (mm)
     INFLOW : ID= 2 (  0024)     18.860     2.865     12.17      46.69
     OUTFLOW: ID= 1 (  0002)     18.860     0.192     13.23      30.07

                    PEAK   FLOW   REDUCTION [Qout/Qin](%)=  6.70
                    TIME SHIFT OF PEAK FLOW          (min)= 64.00
                    MAXIMUM  STORAGE   USED       (ha.m.)=  0.5640
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| CALIB            |
| STANDHYD (  0203)|   Area     (ha)=   1.05
|ID= 1 DT= 1.0 min |   Total Imp(%)=  28.00   Dir. Conn.(%)=  14.00
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                          IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=       0.29         0.76
     Dep. Storage     (mm)=       1.00         5.00
     Average Slope     (%)=       1.00         2.00
     Length            (m)=      70.00        10.00
     Mannings n            =      0.013        0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.
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---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08
0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08
0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08

2-yr 24hr SCS Type II

0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08
1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72
3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72

2-yr 24hr SCS Type II

5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

Max.Eff.Inten.(mm/hr)=	73.16	50.90	
over (min)	5.00	10.00	
Storage Coeff. (min)=	2.34 (ii)	9.04 (ii)	
Unit Hyd. Tpeak (min)=	5.00	10.00	
Unit Hyd. peak (cms)=	0.35	0.12	
		TOTALS	
PEAK FLOW (cms)=	0.03	0.07	0.098 (iii)
TIME TO PEAK (hrs)=	12.17	12.23	12.20
RUNOFF VOLUME (mm)=	58.77	28.41	32.66
TOTAL RAINFALL (mm)=	59.77	59.77	59.77
RUNOFF COEFFICIENT =	0.98	0.48	0.55

***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
STANDHYD (0205)	Area (ha)=	0.28			
ID= 1 DT= 1.0 min	Total Imp(%)=	20.00	Dir. Conn.(%)=	0.01	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.22
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08
0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08
0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08
0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08
1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72
3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72

2-yr 24hr SCS Type II

3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

```
      Max.Eff.Inten.(mm/hr)=      73.16        54.65
                 over (min)        5.00         6.00
      Storage Coeff.  (min)=       0.48 (ii)    5.47 (ii)
      Unit Hyd. Tpeak (min)=       5.00         6.00
      Unit Hyd. peak  (cms)=       0.54         0.20
                                                          *TOTALS*
      PEAK FLOW       (cms)=       0.00         0.03        0.029 (iii)
      TIME TO PEAK    (hrs)=      12.12        12.18        12.18
      RUNOFF VOLUME    (mm)=      58.77        29.18        29.18
      TOTAL RAINFALL   (mm)=      59.77        59.77        59.77
      RUNOFF COEFFICIENT   =       0.98         0.49         0.49

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
              YOU SHOULD CONSIDER SPLITTING THE AREA.

         (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
             CN*  =  80.0    Ia = Dep. Storage  (Above)
        (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
             THAN THE STORAGE COEFFICIENT.
       (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

--------------------------------------------------------------------------------

--------------------
| ADD HYD  (  0007)|
|   1 +  2 =  3    |        AREA    QPEAK    TPEAK     R.V.
--------------------        (ha)    (cms)    (hrs)     (mm)
       ID1= 1 (  0002):    18.86    0.192    13.23    30.07
     + ID2= 2 (  0203):     1.05    0.098    12.20    32.66
       ==========================================
       ID = 3 (  0007):    19.91    0.202    13.18    30.20

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
--------------------------------------------------------------------------------

--------------------
| ADD HYD  (  0007)|
|   3 +  2 =  1    |        AREA    QPEAK    TPEAK     R.V.
--------------------        (ha)    (cms)    (hrs)     (mm)
       ID1= 3 (  0007):    19.91    0.202    13.18    30.20
     + ID2= 2 (  0205):     0.28    0.029    12.18    29.18
       ==========================================
       ID = 1 (  0007):    20.19    0.205    12.75    30.19

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
--------------------------------------------------------------------------------

--------------------
| CALIB            |
| STANDHYD (  0208)|   Area     (ha)=   0.61
|ID= 1 DT= 1.0 min |   Total Imp(%)=  45.00   Dir. Conn.(%)=   0.01
--------------------

                          IMPERVIOUS    PERVIOUS (i)
      Surface Area     (ha)=       0.27         0.34
      Dep. Storage     (mm)=       1.00         5.00
      Average Slope     (%)=       1.00         2.00
      Length            (m)=       5.00        25.00
      Mannings n            =      0.013        0.250

         NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.

                        ---- TRANSFORMED HYETOGRAPH ----
  TIME     RAIN |  TIME     RAIN |  TIME     RAIN |  TIME     RAIN
   hrs    mm/hr |   hrs    mm/hr |   hrs    mm/hr |   hrs    mm/hr
 0.017     0.00 | 6.067     0.96 |12.117    73.16 | 18.17     1.08
 0.033     0.00 | 6.083     0.96 |12.133    73.16 | 18.18     1.08
 0.050     0.00 | 6.100     0.96 |12.150    73.16 | 18.20     1.08
 0.067     0.00 | 6.117     0.96 |12.167    73.16 | 18.22     1.08
 0.083     0.00 | 6.133     0.96 |12.183     8.66 | 18.23     1.08
 0.100     0.00 | 6.150     0.96 |12.200     8.61 | 18.25     1.08
 0.117     0.00 | 6.167     0.96 |12.217     8.61 | 18.27     1.08
 0.133     0.00 | 6.183     1.08 |12.233     8.61 | 18.28     1.08
 0.150     0.00 | 6.200     1.08 |12.250     8.61 | 18.30     1.08
 0.167     0.00 | 6.217     1.08 |12.267     8.61 | 18.32     1.08
 0.183     0.66 | 6.233     1.08 |12.283     8.61 | 18.33     1.08
 0.200     0.66 | 6.250     1.08 |12.300     8.61 | 18.35     1.08
 0.217     0.66 | 6.267     1.08 |12.317     8.61 | 18.37     1.08
 0.233     0.66 | 6.283     1.08 |12.333     8.61 | 18.38     1.08
 0.250     0.66 | 6.300     1.08 |12.350     8.61 | 18.40     1.08
 0.267     0.66 | 6.317     1.08 |12.367     8.61 | 18.42     1.08
 0.283     0.66 | 6.333     1.08 |12.383     8.61 | 18.43     1.08
 0.300     0.66 | 6.350     1.08 |12.400     8.61 | 18.45     1.08
 0.317     0.66 | 6.367     1.08 |12.417     8.61 | 18.47     1.08
 0.333     0.66 | 6.383     1.08 |12.433     8.61 | 18.48     1.08
 0.350     0.66 | 6.400     1.08 |12.450     8.61 | 18.50     1.08
 0.367     0.66 | 6.417     1.08 |12.467     8.61 | 18.52     1.08
 0.383     0.66 | 6.433     1.08 |12.483     8.61 | 18.53     1.08
 0.400     0.66 | 6.450     1.08 |12.500     8.61 | 18.55     1.08
 0.417     0.66 | 6.467     1.08 |12.517     8.61 | 18.57     1.08
 0.433     0.66 | 6.483     1.08 |12.533     8.61 | 18.58     1.08
 0.450     0.66 | 6.500     1.08 |12.550     8.61 | 18.60     1.08
 0.467     0.66 | 6.517     1.08 |12.567     8.61 | 18.62     1.08
 0.483     0.66 | 6.533     1.08 |12.583     8.61 | 18.63     1.08
 0.500     0.66 | 6.550     1.08 |12.600     8.61 | 18.65     1.08
 0.517     0.66 | 6.567     1.08 |12.617     8.61 | 18.67     1.08
 0.533     0.66 | 6.583     1.08 |12.633     8.61 | 18.68     1.08
 0.550     0.66 | 6.600     1.08 |12.650     8.61 | 18.70     1.08
 0.567     0.66 | 6.617     1.08 |12.667     8.61 | 18.72     1.08
 0.583     0.66 | 6.633     1.08 |12.683     4.43 | 18.73     1.08
 0.600     0.66 | 6.650     1.08 |12.700     4.42 | 18.75     1.08
 0.617     0.66 | 6.667     1.08 |12.717     4.42 | 18.77     1.08
 0.633     0.66 | 6.683     1.08 |12.733     4.42 | 18.78     1.08
 0.650     0.66 | 6.700     1.08 |12.750     4.42 | 18.80     1.08
 0.667     0.66 | 6.717     1.08 |12.767     4.42 | 18.82     1.08
 0.683     0.66 | 6.733     1.08 |12.783     4.42 | 18.83     1.08
 0.700     0.66 | 6.750     1.08 |12.800     4.42 | 18.85     1.08
 0.717     0.66 | 6.767     1.08 |12.817     4.42 | 18.87     1.08
 0.733     0.66 | 6.783     1.08 |12.833     4.42 | 18.88     1.08
 0.750     0.66 | 6.800     1.08 |12.850     4.42 | 18.90     1.08
 0.767     0.66 | 6.817     1.08 |12.867     4.42 | 18.92     1.08
 0.783     0.66 | 6.833     1.08 |12.883     4.42 | 18.93     1.08
 0.800     0.66 | 6.850     1.08 |12.900     4.42 | 18.95     1.08
 0.817     0.66 | 6.867     1.08 |12.917     4.42 | 18.97     1.08
 0.833     0.66 | 6.883     1.08 |12.933     4.42 | 18.98     1.08
 0.850     0.66 | 6.900     1.08 |12.950     4.42 | 19.00     1.08
 0.867     0.66 | 6.917     1.08 |12.967     4.42 | 19.02     1.08
 0.883     0.66 | 6.933     1.08 |12.983     4.42 | 19.03     1.08
 0.900     0.66 | 6.950     1.08 |13.000     4.42 | 19.05     1.08
 0.917     0.66 | 6.967     1.08 |13.017     4.42 | 19.07     1.08
 0.933     0.66 | 6.983     1.08 |13.033     4.42 | 19.08     1.08
 0.950     0.66 | 7.000     1.08 |13.050     4.42 | 19.10     1.08
 0.967     0.66 | 7.017     1.08 |13.067     4.42 | 19.12     1.08
 0.983     0.66 | 7.033     1.08 |13.083     4.42 | 19.13     1.08
 1.000     0.66 | 7.050     1.08 |13.100     4.42 | 19.15     1.08
 1.017     0.66 | 7.067     1.08 |13.117     4.42 | 19.17     1.08
 1.033     0.66 | 7.083     1.08 |13.133     4.42 | 19.18     1.08
 1.050     0.66 | 7.100     1.08 |13.150     4.42 | 19.20     1.08
 1.067     0.66 | 7.117     1.08 |13.167     4.42 | 19.22     1.08
 1.083     0.66 | 7.133     1.08 |13.183     3.23 | 19.23     1.08
 1.100     0.66 | 7.150     1.08 |13.200     3.23 | 19.25     1.08
 1.117     0.66 | 7.167     1.08 |13.217     3.23 | 19.27     1.08
 1.133     0.66 | 7.183     1.31 |13.233     3.23 | 19.28     1.08
 1.150     0.66 | 7.200     1.31 |13.250     3.23 | 19.30     1.08
 1.167     0.66 | 7.217     1.31 |13.267     3.23 | 19.32     1.08
 1.183     0.66 | 7.233     1.31 |13.283     3.23 | 19.33     1.08
 1.200     0.66 | 7.250     1.31 |13.300     3.23 | 19.35     1.08
 1.217     0.66 | 7.267     1.31 |13.317     3.23 | 19.37     1.08
 1.233     0.66 | 7.283     1.31 |13.333     3.23 | 19.38     1.08
 1.250     0.66 | 7.300     1.31 |13.350     3.23 | 19.40     1.08
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2-yr 24hr SCS Type II

1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72
3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72

2-yr 24hr SCS Type II

	6.033	0.96	12.083	73.16	18.133	1.08	
	6.050	0.96	12.100	73.16	18.150	1.08	

Max.Eff.Inten.(mm/hr)=	73.16	95.09	
over (min)	5.00	6.00	
Storage Coeff. (min)=	0.48 (ii)	5.91 (ii)	
Unit Hyd. Tpeak (min)=	5.00	6.00	
Unit Hyd. peak (cms)=	0.54	0.19	
		TOTALS	
PEAK FLOW (cms)=	0.00	0.07	0.075 (iii)
TIME TO PEAK (hrs)=	12.13	12.18	12.18
RUNOFF VOLUME (mm)=	58.77	35.36	35.36
TOTAL RAINFALL (mm)=	59.77	59.77	59.77
RUNOFF COEFFICIENT =	0.98	0.59	0.59

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
STANDHYD (0209)	Area (ha)=	0.06			
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)=	0.01	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.01	0.05
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08
0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08
0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08
0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08
1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72
3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72

2-yr 24hr SCS Type II

4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

Max.Eff.Inten.(mm/hr)=	73.16	60.38	
over (min)	5.00	3.00	
Storage Coeff. (min)=	0.48 (ii)	2.96 (ii)	
Unit Hyd. Tpeak (min)=	5.00	3.00	
Unit Hyd. peak (cms)=	0.54	0.38	
			TOTALS
PEAK FLOW (cms)=	0.00	0.01	0.008 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	58.77	30.28	28.05
TOTAL RAINFALL (mm)=	59.77	59.77	59.77
RUNOFF COEFFICIENT =	0.98	0.51	0.47

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0201)	Area (ha)=	2.54	Curve Number (CN)=	79.0	
ID= 1 DT= 1.0 min	Ia (mm)=	6.35	# of Linear Res.(N)=	3.00	
	U.H. Tp(hrs)=	0.11			

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08
0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08
0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08
0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08
1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72

2-yr 24hr SCS Type II

2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72
3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

Unit Hyd Qpeak (cms)= 0.882

PEAK FLOW (cms)= 0.206 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 19.022
TOTAL RAINFALL (mm)= 59.770
RUNOFF COEFFICIENT = 0.318

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0202)	Area (ha)=	0.33	
ID= 1 DT= 1.0 min	Total Imp(%)=	70.00	Dir. Conn.(%)= 30.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.23	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	30.00	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08

2-yr 24hr SCS Type II

0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08
0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08
0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08
1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72
3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72

2-yr 24hr SCS Type II

5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

Max.Eff.Inten.(mm/hr)=	73.16	133.48	
over (min)	5.00	5.00	
Storage Coeff. (min)=	1.41 (ii)	4.89 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.43	0.23	
			TOTALS
PEAK FLOW (cms)=	0.02	0.03	0.053 (iii)
TIME TO PEAK (hrs)=	12.17	12.18	12.17
RUNOFF VOLUME (mm)=	58.77	39.14	45.02
TOTAL RAINFALL (mm)=	59.77	59.77	59.77
RUNOFF COEFFICIENT =	0.98	0.65	0.75

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0210)	Area (ha)=	0.10	
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.08
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	5.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08
0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08
0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08
0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08
1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72

2-yr 24hr SCS Type II

3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72
3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

Max.Eff.Inten.(mm/hr)=	73.16	60.38	
over (min)	5.00	3.00	
Storage Coeff. (min)=	0.48 (ii)	2.36 (ii)	
Unit Hyd. Tpeak (min)=	5.00	3.00	
Unit Hyd. peak (cms)=	0.54	0.44	
			TOTALS
PEAK FLOW (cms)=	0.00	0.01	0.013 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	58.77	30.28	30.27
TOTAL RAINFALL (mm)=	59.77	59.77	59.77
RUNOFF COEFFICIENT =	0.98	0.51	0.51

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0015)					
1 + 2 = 3	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
ID1= 1 (0201):	2.54	0.206	12.20	19.02
+ ID2= 2 (0202):	0.33	0.053	12.17	45.02
ID = 3 (0015):	2.87	0.255	12.20	26.06

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0015)					
3 + 2 = 1	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
ID1= 3 (0015):	2.87	0.255	12.20	26.06
+ ID2= 2 (0210):	0.10	0.013	12.17	30.27
ID = 1 (0015):	2.97	0.267	12.18	26.20

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB			
STANDHYD (0206)	Area (ha)= 0.13		
ID= 1 DT= 1.0 min	Total Imp(%)= 25.00	Dir. Conn.(%)= 0.01	

	IMPERVIOUS	PERVIOUS (i)
Surface Area (ha)=	0.03	0.10
Dep. Storage (mm)=	1.00	5.00
Average Slope (%)=	1.00	2.00
Length (m)=	5.00	15.00
Mannings n =	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08
0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08

2-yr 24hr SCS Type II

0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08
0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08
1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72
3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72

2-yr 24hr SCS Type II

5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

Max.Eff.Inten.(mm/hr)=	73.16	60.38	
over (min)	5.00	6.00	
Storage Coeff. (min)=	0.48 (ii)	5.27 (ii)	
Unit Hyd. Tpeak (min)=	5.00	6.00	
Unit Hyd. peak (cms)=	0.54	0.20	
			TOTALS
PEAK FLOW (cms)=	0.00	0.01	0.014 (iii)
TIME TO PEAK (hrs)=	12.12	12.18	12.18
RUNOFF VOLUME (mm)=	58.77	30.27	30.25
TOTAL RAINFALL (mm)=	59.77	59.77	59.77
RUNOFF COEFFICIENT =	0.98	0.51	0.51

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB									
STANDHYD (0207)	Area (ha)= 0.25								
ID= 1 DT= 1.0 min	Total Imp(%)= 25.00	Dir. Conn.(%)= 0.01							

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.19
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	0.96	12.117	73.16	18.17	1.08
0.033	0.00	6.083	0.96	12.133	73.16	18.18	1.08
0.050	0.00	6.100	0.96	12.150	73.16	18.20	1.08
0.067	0.00	6.117	0.96	12.167	73.16	18.22	1.08
0.083	0.00	6.133	0.96	12.183	8.66	18.23	1.08
0.100	0.00	6.150	0.96	12.200	8.61	18.25	1.08
0.117	0.00	6.167	0.96	12.217	8.61	18.27	1.08
0.133	0.00	6.183	1.08	12.233	8.61	18.28	1.08
0.150	0.00	6.200	1.08	12.250	8.61	18.30	1.08
0.167	0.00	6.217	1.08	12.267	8.61	18.32	1.08
0.183	0.66	6.233	1.08	12.283	8.61	18.33	1.08
0.200	0.66	6.250	1.08	12.300	8.61	18.35	1.08
0.217	0.66	6.267	1.08	12.317	8.61	18.37	1.08
0.233	0.66	6.283	1.08	12.333	8.61	18.38	1.08
0.250	0.66	6.300	1.08	12.350	8.61	18.40	1.08
0.267	0.66	6.317	1.08	12.367	8.61	18.42	1.08
0.283	0.66	6.333	1.08	12.383	8.61	18.43	1.08
0.300	0.66	6.350	1.08	12.400	8.61	18.45	1.08
0.317	0.66	6.367	1.08	12.417	8.61	18.47	1.08
0.333	0.66	6.383	1.08	12.433	8.61	18.48	1.08
0.350	0.66	6.400	1.08	12.450	8.61	18.50	1.08
0.367	0.66	6.417	1.08	12.467	8.61	18.52	1.08
0.383	0.66	6.433	1.08	12.483	8.61	18.53	1.08
0.400	0.66	6.450	1.08	12.500	8.61	18.55	1.08
0.417	0.66	6.467	1.08	12.517	8.61	18.57	1.08
0.433	0.66	6.483	1.08	12.533	8.61	18.58	1.08
0.450	0.66	6.500	1.08	12.550	8.61	18.60	1.08
0.467	0.66	6.517	1.08	12.567	8.61	18.62	1.08
0.483	0.66	6.533	1.08	12.583	8.61	18.63	1.08
0.500	0.66	6.550	1.08	12.600	8.61	18.65	1.08
0.517	0.66	6.567	1.08	12.617	8.61	18.67	1.08
0.533	0.66	6.583	1.08	12.633	8.61	18.68	1.08
0.550	0.66	6.600	1.08	12.650	8.61	18.70	1.08
0.567	0.66	6.617	1.08	12.667	8.61	18.72	1.08
0.583	0.66	6.633	1.08	12.683	4.43	18.73	1.08
0.600	0.66	6.650	1.08	12.700	4.42	18.75	1.08
0.617	0.66	6.667	1.08	12.717	4.42	18.77	1.08
0.633	0.66	6.683	1.08	12.733	4.42	18.78	1.08
0.650	0.66	6.700	1.08	12.750	4.42	18.80	1.08
0.667	0.66	6.717	1.08	12.767	4.42	18.82	1.08
0.683	0.66	6.733	1.08	12.783	4.42	18.83	1.08
0.700	0.66	6.750	1.08	12.800	4.42	18.85	1.08
0.717	0.66	6.767	1.08	12.817	4.42	18.87	1.08
0.733	0.66	6.783	1.08	12.833	4.42	18.88	1.08
0.750	0.66	6.800	1.08	12.850	4.42	18.90	1.08
0.767	0.66	6.817	1.08	12.867	4.42	18.92	1.08
0.783	0.66	6.833	1.08	12.883	4.42	18.93	1.08
0.800	0.66	6.850	1.08	12.900	4.42	18.95	1.08
0.817	0.66	6.867	1.08	12.917	4.42	18.97	1.08
0.833	0.66	6.883	1.08	12.933	4.42	18.98	1.08
0.850	0.66	6.900	1.08	12.950	4.42	19.00	1.08
0.867	0.66	6.917	1.08	12.967	4.42	19.02	1.08
0.883	0.66	6.933	1.08	12.983	4.42	19.03	1.08
0.900	0.66	6.950	1.08	13.000	4.42	19.05	1.08
0.917	0.66	6.967	1.08	13.017	4.42	19.07	1.08
0.933	0.66	6.983	1.08	13.033	4.42	19.08	1.08
0.950	0.66	7.000	1.08	13.050	4.42	19.10	1.08
0.967	0.66	7.017	1.08	13.067	4.42	19.12	1.08
0.983	0.66	7.033	1.08	13.083	4.42	19.13	1.08
1.000	0.66	7.050	1.08	13.100	4.42	19.15	1.08
1.017	0.66	7.067	1.08	13.117	4.42	19.17	1.08
1.033	0.66	7.083	1.08	13.133	4.42	19.18	1.08
1.050	0.66	7.100	1.08	13.150	4.42	19.20	1.08
1.067	0.66	7.117	1.08	13.167	4.42	19.22	1.08
1.083	0.66	7.133	1.08	13.183	3.23	19.23	1.08
1.100	0.66	7.150	1.08	13.200	3.23	19.25	1.08
1.117	0.66	7.167	1.08	13.217	3.23	19.27	1.08
1.133	0.66	7.183	1.31	13.233	3.23	19.28	1.08
1.150	0.66	7.200	1.31	13.250	3.23	19.30	1.08
1.167	0.66	7.217	1.31	13.267	3.23	19.32	1.08
1.183	0.66	7.233	1.31	13.283	3.23	19.33	1.08
1.200	0.66	7.250	1.31	13.300	3.23	19.35	1.08
1.217	0.66	7.267	1.31	13.317	3.23	19.37	1.08
1.233	0.66	7.283	1.31	13.333	3.23	19.38	1.08
1.250	0.66	7.300	1.31	13.350	3.23	19.40	1.08
1.267	0.66	7.317	1.31	13.367	3.23	19.42	1.08
1.283	0.66	7.333	1.31	13.383	3.23	19.43	1.08
1.300	0.66	7.350	1.31	13.400	3.23	19.45	1.08
1.317	0.66	7.367	1.31	13.417	3.23	19.47	1.08
1.333	0.66	7.383	1.31	13.433	3.23	19.48	1.08
1.350	0.66	7.400	1.31	13.450	3.23	19.50	1.08
1.367	0.66	7.417	1.31	13.467	3.23	19.52	1.08
1.383	0.66	7.433	1.31	13.483	3.23	19.53	1.08
1.400	0.66	7.450	1.31	13.500	3.23	19.55	1.08
1.417	0.66	7.467	1.31	13.517	3.23	19.57	1.08
1.433	0.66	7.483	1.31	13.533	3.23	19.58	1.08
1.450	0.66	7.500	1.31	13.550	3.23	19.60	1.08
1.467	0.66	7.517	1.31	13.567	3.23	19.62	1.08
1.483	0.66	7.533	1.31	13.583	3.23	19.63	1.08
1.500	0.66	7.550	1.31	13.600	3.23	19.65	1.08
1.517	0.66	7.567	1.31	13.617	3.23	19.67	1.08
1.533	0.66	7.583	1.31	13.633	3.23	19.68	1.08
1.550	0.66	7.600	1.31	13.650	3.23	19.70	1.08
1.567	0.66	7.617	1.31	13.667	3.23	19.72	1.08
1.583	0.66	7.633	1.31	13.683	2.51	19.73	1.08
1.600	0.66	7.650	1.31	13.700	2.51	19.75	1.08
1.617	0.66	7.667	1.31	13.717	2.51	19.77	1.08
1.633	0.66	7.683	1.31	13.733	2.51	19.78	1.08
1.650	0.66	7.700	1.31	13.750	2.51	19.80	1.08
1.667	0.66	7.717	1.31	13.767	2.51	19.82	1.08
1.683	0.66	7.733	1.31	13.783	2.51	19.83	1.08
1.700	0.66	7.750	1.31	13.800	2.51	19.85	1.08
1.717	0.66	7.767	1.31	13.817	2.51	19.87	1.08
1.733	0.66	7.783	1.31	13.833	2.51	19.88	1.08
1.750	0.66	7.800	1.31	13.850	2.51	19.90	1.08
1.767	0.66	7.817	1.31	13.867	2.51	19.92	1.08
1.783	0.66	7.833	1.31	13.883	2.51	19.93	1.08
1.800	0.66	7.850	1.31	13.900	2.51	19.95	1.08
1.817	0.66	7.867	1.31	13.917	2.51	19.97	1.08
1.833	0.66	7.883	1.31	13.933	2.51	19.98	1.08
1.850	0.66	7.900	1.31	13.950	2.51	20.00	1.08
1.867	0.66	7.917	1.31	13.967	2.51	20.02	1.08
1.883	0.66	7.933	1.31	13.983	2.51	20.03	1.08
1.900	0.66	7.950	1.31	14.000	2.51	20.05	1.08
1.917	0.66	7.967	1.31	14.017	2.51	20.07	1.08
1.933	0.66	7.983	1.31	14.033	2.51	20.08	1.08
1.950	0.66	8.000	1.31	14.050	2.51	20.10	1.08
1.967	0.66	8.017	1.31	14.067	2.51	20.12	1.08
1.983	0.66	8.033	1.31	14.083	2.51	20.13	1.08
2.000	0.66	8.050	1.31	14.100	2.51	20.15	1.08
2.017	0.66	8.067	1.31	14.117	2.51	20.17	1.08
2.033	0.66	8.083	1.31	14.133	2.51	20.18	0.72
2.050	0.66	8.100	1.31	14.150	2.51	20.20	0.72
2.067	0.66	8.117	1.31	14.167	2.51	20.22	0.72
2.083	0.66	8.133	1.31	14.183	1.80	20.23	0.72
2.100	0.66	8.150	1.31	14.200	1.79	20.25	0.72
2.117	0.66	8.167	1.32	14.217	1.79	20.27	0.72
2.133	0.66	8.183	1.55	14.233	1.79	20.28	0.72
2.150	0.66	8.200	1.55	14.250	1.79	20.30	0.72
2.167	0.66	8.217	1.55	14.267	1.79	20.32	0.72
2.183	0.78	8.233	1.55	14.283	1.79	20.33	0.72
2.200	0.78	8.250	1.55	14.300	1.79	20.35	0.72
2.217	0.78	8.267	1.55	14.317	1.79	20.37	0.72
2.233	0.78	8.283	1.55	14.333	1.79	20.38	0.72
2.250	0.78	8.300	1.55	14.350	1.79	20.40	0.72
2.267	0.78	8.317	1.55	14.367	1.79	20.42	0.72
2.283	0.78	8.333	1.55	14.383	1.79	20.43	0.72
2.300	0.78	8.350	1.55	14.400	1.79	20.45	0.72
2.317	0.78	8.367	1.55	14.417	1.79	20.47	0.72
2.333	0.78	8.383	1.55	14.433	1.79	20.48	0.72
2.350	0.78	8.400	1.55	14.450	1.79	20.50	0.72
2.367	0.78	8.417	1.55	14.467	1.79	20.52	0.72
2.383	0.78	8.433	1.55	14.483	1.79	20.53	0.72
2.400	0.78	8.450	1.55	14.500	1.79	20.55	0.72
2.417	0.78	8.467	1.55	14.517	1.79	20.57	0.72
2.433	0.78	8.483	1.55	14.533	1.79	20.58	0.72
2.450	0.78	8.500	1.55	14.550	1.79	20.60	0.72
2.467	0.78	8.517	1.55	14.567	1.79	20.62	0.72
2.483	0.78	8.533	1.55	14.583	1.79	20.63	0.72
2.500	0.78	8.550	1.55	14.600	1.79	20.65	0.72
2.517	0.78	8.567	1.55	14.617	1.79	20.67	0.72
2.533	0.78	8.583	1.55	14.633	1.79	20.68	0.72
2.550	0.78	8.600	1.55	14.650	1.79	20.70	0.72
2.567	0.78	8.617	1.55	14.667	1.79	20.72	0.72
2.583	0.78	8.633	1.55	14.683	1.79	20.73	0.72
2.600	0.78	8.650	1.55	14.700	1.79	20.75	0.72
2.617	0.78	8.667	1.55	14.717	1.79	20.77	0.72
2.633	0.78	8.683	1.67	14.733	1.79	20.78	0.72
2.650	0.78	8.700	1.67	14.750	1.79	20.80	0.72
2.667	0.78	8.717	1.67	14.767	1.79	20.82	0.72
2.683	0.78	8.733	1.67	14.783	1.79	20.83	0.72
2.700	0.78	8.750	1.67	14.800	1.79	20.85	0.72
2.717	0.78	8.767	1.67	14.817	1.79	20.87	0.72
2.733	0.78	8.783	1.67	14.833	1.79	20.88	0.72
2.750	0.78	8.800	1.67	14.850	1.79	20.90	0.72
2.767	0.78	8.817	1.67	14.867	1.79	20.92	0.72
2.783	0.78	8.833	1.67	14.883	1.79	20.93	0.72
2.800	0.78	8.850	1.67	14.900	1.79	20.95	0.72
2.817	0.78	8.867	1.67	14.917	1.79	20.97	0.72
2.833	0.78	8.883	1.67	14.933	1.79	20.98	0.72
2.850	0.78	8.900	1.67	14.950	1.79	21.00	0.72
2.867	0.78	8.917	1.67	14.967	1.79	21.02	0.72
2.883	0.78	8.933	1.67	14.983	1.79	21.03	0.72
2.900	0.78	8.950	1.67	15.000	1.79	21.05	0.72
2.917	0.78	8.967	1.67	15.017	1.79	21.07	0.72
2.933	0.78	8.983	1.67	15.033	1.79	21.08	0.72
2.950	0.78	9.000	1.67	15.050	1.79	21.10	0.72
2.967	0.78	9.017	1.67	15.067	1.79	21.12	0.72
2.983	0.78	9.033	1.67	15.083	1.79	21.13	0.72
3.000	0.78	9.050	1.67	15.100	1.79	21.15	0.72
3.017	0.78	9.067	1.67	15.117	1.79	21.17	0.72
3.033	0.78	9.083	1.67	15.133	1.79	21.18	0.72
3.050	0.78	9.100	1.67	15.150	1.79	21.20	0.72
3.067	0.78	9.117	1.67	15.167	1.79	21.22	0.72
3.083	0.78	9.133	1.67	15.183	1.79	21.23	0.72
3.100	0.78	9.150	1.67	15.200	1.79	21.25	0.72
3.117	0.78	9.167	1.67	15.217	1.79	21.27	0.72
3.133	0.78	9.183	1.91	15.233	1.79	21.28	0.72
3.150	0.78	9.200	1.91	15.250	1.79	21.30	0.72
3.167	0.78	9.217	1.91	15.267	1.79	21.32	0.72
3.183	0.78	9.233	1.91	15.283	1.79	21.33	0.72
3.200	0.78	9.250	1.91	15.300	1.79	21.35	0.72
3.217	0.78	9.267	1.91	15.317	1.79	21.37	0.72
3.233	0.78	9.283	1.91	15.333	1.79	21.38	0.72
3.250	0.78	9.300	1.91	15.350	1.79	21.40	0.72
3.267	0.78	9.317	1.91	15.367	1.79	21.42	0.72
3.283	0.78	9.333	1.91	15.383	1.79	21.43	0.72
3.300	0.78	9.350	1.91	15.400	1.79	21.45	0.72
3.317	0.78	9.367	1.91	15.417	1.79	21.47	0.72
3.333	0.78	9.383	1.91	15.433	1.79	21.48	0.72
3.350	0.78	9.400	1.91	15.450	1.79	21.50	0.72
3.367	0.78	9.417	1.91	15.467	1.79	21.52	0.72
3.383	0.78	9.433	1.91	15.483	1.79	21.53	0.72
3.400	0.78	9.450	1.91	15.500	1.79	21.55	0.72
3.417	0.78	9.467	1.91	15.517	1.79	21.57	0.72
3.433	0.78	9.483	1.91	15.533	1.79	21.58	0.72
3.450	0.78	9.500	1.91	15.550	1.79	21.60	0.72
3.467	0.78	9.517	1.91	15.567	1.79	21.62	0.72
3.483	0.78	9.533	1.91	15.583	1.79	21.63	0.72
3.500	0.78	9.550	1.91	15.600	1.79	21.65	0.72
3.517	0.78	9.567	1.91	15.617	1.79	21.67	0.72
3.533	0.78	9.583	1.91	15.633	1.79	21.68	0.72
3.550	0.78	9.600	1.91	15.650	1.79	21.70	0.72
3.567	0.78	9.617	1.91	15.667	1.79	21.72	0.72
3.583	0.78	9.633	1.91	15.683	1.79	21.73	0.72
3.600	0.78	9.650	1.91	15.700	1.79	21.75	0.72

2-yr 24hr SCS Type II

3.617	0.78	9.667	1.91	15.717	1.79	21.77	0.72
3.633	0.78	9.683	2.15	15.733	1.79	21.78	0.72
3.650	0.78	9.700	2.15	15.750	1.79	21.80	0.72
3.667	0.78	9.717	2.15	15.767	1.79	21.82	0.72
3.683	0.78	9.733	2.15	15.783	1.79	21.83	0.72
3.700	0.78	9.750	2.15	15.800	1.79	21.85	0.72
3.717	0.78	9.767	2.15	15.817	1.79	21.87	0.72
3.733	0.78	9.783	2.15	15.833	1.79	21.88	0.72
3.750	0.78	9.800	2.15	15.850	1.79	21.90	0.72
3.767	0.78	9.817	2.15	15.867	1.79	21.92	0.72
3.783	0.78	9.833	2.15	15.883	1.79	21.93	0.72
3.800	0.78	9.850	2.15	15.900	1.79	21.95	0.72
3.817	0.78	9.867	2.15	15.917	1.79	21.97	0.72
3.833	0.78	9.883	2.15	15.933	1.79	21.98	0.72
3.850	0.78	9.900	2.15	15.950	1.79	22.00	0.72
3.867	0.78	9.917	2.15	15.967	1.79	22.02	0.72
3.883	0.78	9.933	2.15	15.983	1.79	22.03	0.72
3.900	0.78	9.950	2.15	16.000	1.79	22.05	0.72
3.917	0.78	9.967	2.15	16.017	1.79	22.07	0.72
3.933	0.78	9.983	2.15	16.033	1.79	22.08	0.72
3.950	0.78	10.000	2.15	16.050	1.79	22.10	0.72
3.967	0.78	10.017	2.15	16.067	1.79	22.12	0.72
3.983	0.78	10.033	2.15	16.083	1.79	22.13	0.72
4.000	0.78	10.050	2.15	16.100	1.79	22.15	0.72
4.017	0.78	10.067	2.15	16.117	1.79	22.17	0.72
4.033	0.78	10.083	2.15	16.133	1.79	22.18	0.72
4.050	0.78	10.100	2.15	16.150	1.79	22.20	0.72
4.067	0.78	10.117	2.15	16.167	1.79	22.22	0.72
4.083	0.78	10.133	2.15	16.183	1.08	22.23	0.72
4.100	0.78	10.150	2.15	16.200	1.08	22.25	0.72
4.117	0.78	10.167	2.15	16.217	1.08	22.27	0.72
4.133	0.78	10.183	2.75	16.233	1.08	22.28	0.72
4.150	0.78	10.200	2.75	16.250	1.08	22.30	0.72
4.167	0.78	10.217	2.75	16.267	1.08	22.32	0.72
4.183	0.96	10.233	2.75	16.283	1.08	22.33	0.72
4.200	0.96	10.250	2.75	16.300	1.08	22.35	0.72
4.217	0.96	10.267	2.75	16.317	1.08	22.37	0.72
4.233	0.96	10.283	2.75	16.333	1.08	22.38	0.72
4.250	0.96	10.300	2.75	16.350	1.08	22.40	0.72
4.267	0.96	10.317	2.75	16.367	1.08	22.42	0.72
4.283	0.96	10.333	2.75	16.383	1.08	22.43	0.72
4.300	0.96	10.350	2.75	16.400	1.08	22.45	0.72
4.317	0.96	10.367	2.75	16.417	1.08	22.47	0.72
4.333	0.96	10.383	2.75	16.433	1.08	22.48	0.72
4.350	0.96	10.400	2.75	16.450	1.08	22.50	0.72
4.367	0.96	10.417	2.75	16.467	1.08	22.52	0.72
4.383	0.96	10.433	2.75	16.483	1.08	22.53	0.72
4.400	0.96	10.450	2.75	16.500	1.08	22.55	0.72
4.417	0.96	10.467	2.75	16.517	1.08	22.57	0.72
4.433	0.96	10.483	2.75	16.533	1.08	22.58	0.72
4.450	0.96	10.500	2.75	16.550	1.08	22.60	0.72
4.467	0.96	10.517	2.75	16.567	1.08	22.62	0.72
4.483	0.96	10.533	2.75	16.583	1.08	22.63	0.72
4.500	0.96	10.550	2.75	16.600	1.08	22.65	0.72
4.517	0.96	10.567	2.75	16.617	1.08	22.67	0.72
4.533	0.96	10.583	2.75	16.633	1.08	22.68	0.72
4.550	0.96	10.600	2.75	16.650	1.08	22.70	0.72
4.567	0.96	10.617	2.75	16.667	1.08	22.72	0.72
4.583	0.96	10.633	2.75	16.683	1.08	22.73	0.72
4.600	0.96	10.650	2.75	16.700	1.08	22.75	0.72
4.617	0.96	10.667	2.75	16.717	1.08	22.77	0.72
4.633	0.96	10.683	3.71	16.733	1.08	22.78	0.72
4.650	0.96	10.700	3.71	16.750	1.08	22.80	0.72
4.667	0.96	10.717	3.71	16.767	1.08	22.82	0.72
4.683	0.96	10.733	3.71	16.783	1.08	22.83	0.72
4.700	0.96	10.750	3.71	16.800	1.08	22.85	0.72
4.717	0.96	10.767	3.71	16.817	1.08	22.87	0.72
4.733	0.96	10.783	3.71	16.833	1.08	22.88	0.72
4.750	0.96	10.800	3.71	16.850	1.08	22.90	0.72
4.767	0.96	10.817	3.71	16.867	1.08	22.92	0.72
4.783	0.96	10.833	3.71	16.883	1.08	22.93	0.72
4.800	0.96	10.850	3.71	16.900	1.08	22.95	0.72
4.817	0.96	10.867	3.71	16.917	1.08	22.97	0.72
4.833	0.96	10.883	3.71	16.933	1.08	22.98	0.72
4.850	0.96	10.900	3.71	16.950	1.08	23.00	0.72
4.867	0.96	10.917	3.71	16.967	1.08	23.02	0.72
4.883	0.96	10.933	3.71	16.983	1.08	23.03	0.72
4.900	0.96	10.950	3.71	17.000	1.08	23.05	0.72
4.917	0.96	10.967	3.71	17.017	1.08	23.07	0.72
4.933	0.96	10.983	3.71	17.033	1.08	23.08	0.72
4.950	0.96	11.000	3.71	17.050	1.08	23.10	0.72
4.967	0.96	11.017	3.71	17.067	1.08	23.12	0.72
4.983	0.96	11.033	3.71	17.083	1.08	23.13	0.72
5.000	0.96	11.050	3.71	17.100	1.08	23.15	0.72
5.017	0.96	11.067	3.71	17.117	1.08	23.17	0.72
5.033	0.96	11.083	3.71	17.133	1.08	23.18	0.72
5.050	0.96	11.100	3.71	17.150	1.08	23.20	0.72
5.067	0.96	11.117	3.71	17.167	1.08	23.22	0.72
5.083	0.96	11.133	3.71	17.183	1.08	23.23	0.72
5.100	0.96	11.150	3.71	17.200	1.08	23.25	0.72
5.117	0.96	11.167	3.71	17.217	1.08	23.27	0.72
5.133	0.96	11.183	5.74	17.233	1.08	23.28	0.72
5.150	0.96	11.200	5.74	17.250	1.08	23.30	0.72
5.167	0.96	11.217	5.74	17.267	1.08	23.32	0.72
5.183	0.96	11.233	5.74	17.283	1.08	23.33	0.72
5.200	0.96	11.250	5.74	17.300	1.08	23.35	0.72
5.217	0.96	11.267	5.74	17.317	1.08	23.37	0.72
5.233	0.96	11.283	5.74	17.333	1.08	23.38	0.72
5.250	0.96	11.300	5.74	17.350	1.08	23.40	0.72
5.267	0.96	11.317	5.74	17.367	1.08	23.42	0.72
5.283	0.96	11.333	5.74	17.383	1.08	23.43	0.72
5.300	0.96	11.350	5.74	17.400	1.08	23.45	0.72
5.317	0.96	11.367	5.74	17.417	1.08	23.47	0.72
5.333	0.96	11.383	5.74	17.433	1.08	23.48	0.72
5.350	0.96	11.400	5.74	17.450	1.08	23.50	0.72
5.367	0.96	11.417	5.74	17.467	1.08	23.52	0.72
5.383	0.96	11.433	5.74	17.483	1.08	23.53	0.72
5.400	0.96	11.450	5.74	17.500	1.08	23.55	0.72
5.417	0.96	11.467	5.74	17.517	1.08	23.57	0.72
5.433	0.96	11.483	5.74	17.533	1.08	23.58	0.72
5.450	0.96	11.500	5.74	17.550	1.08	23.60	0.72
5.467	0.96	11.517	5.74	17.567	1.08	23.62	0.72
5.483	0.96	11.533	5.74	17.583	1.08	23.63	0.72
5.500	0.96	11.550	5.74	17.600	1.08	23.65	0.72
5.517	0.96	11.567	5.74	17.617	1.08	23.67	0.72
5.533	0.96	11.583	5.74	17.633	1.08	23.68	0.72
5.550	0.96	11.600	5.74	17.650	1.08	23.70	0.72
5.567	0.96	11.617	5.74	17.667	1.08	23.72	0.72
5.583	0.96	11.633	5.74	17.683	1.08	23.73	0.72
5.600	0.96	11.650	5.74	17.700	1.08	23.75	0.72
5.617	0.96	11.667	5.74	17.717	1.08	23.77	0.72
5.633	0.96	11.683	17.69	17.733	1.08	23.78	0.72
5.650	0.96	11.700	17.69	17.750	1.08	23.80	0.72
5.667	0.96	11.717	17.69	17.767	1.08	23.82	0.72
5.683	0.96	11.733	17.69	17.783	1.08	23.83	0.72
5.700	0.96	11.750	17.69	17.800	1.08	23.85	0.72
5.717	0.96	11.767	17.69	17.817	1.08	23.87	0.72
5.733	0.96	11.783	17.69	17.833	1.08	23.88	0.72
5.750	0.96	11.800	17.69	17.850	1.08	23.90	0.72
5.767	0.96	11.817	17.69	17.867	1.08	23.92	0.72
5.783	0.96	11.833	17.69	17.883	1.08	23.93	0.72
5.800	0.96	11.850	45.41	17.900	1.08	23.95	0.72
5.817	0.96	11.867	45.43	17.917	1.08	23.97	0.72
5.833	0.96	11.883	45.43	17.933	1.08	23.98	0.72
5.850	0.96	11.900	45.43	17.950	1.08	24.00	0.72
5.867	0.96	11.917	45.43	17.967	1.08	24.02	0.72
5.883	0.96	11.933	45.43	17.983	1.08	24.03	0.72
5.900	0.96	11.950	45.43	18.000	1.08	24.05	0.72
5.917	0.96	11.967	45.43	18.017	1.08	24.07	0.72
5.933	0.96	11.983	45.43	18.033	1.08	24.08	0.72
5.950	0.96	12.000	45.43	18.050	1.08	24.10	0.72
5.967	0.96	12.017	73.14	18.067	1.08	24.12	0.72
5.983	0.96	12.033	73.16	18.083	1.08	24.13	0.72
6.000	0.96	12.050	73.16	18.100	1.08	24.15	0.72
6.017	0.96	12.067	73.16	18.117	1.08	24.17	0.72
6.033	0.96	12.083	73.16	18.133	1.08		
6.050	0.96	12.100	73.16	18.150	1.08		

Max.Eff.Inten.(mm/hr)=	73.16	60.38	
over (min)	5.00	6.00	
Storage Coeff. (min)=	0.48 (ii)	5.27 (ii)	
Unit Hyd. Tpeak (min)=	5.00	6.00	
Unit Hyd. peak (cms)=	0.54	0.20	
			TOTALS
PEAK FLOW (cms)=	0.00	0.03	0.027 (iii)
TIME TO PEAK (hrs)=	12.12	12.18	12.18
RUNOFF VOLUME (mm)=	58.77	30.28	30.27
TOTAL RAINFALL (mm)=	59.77	59.77	59.77
RUNOFF COEFFICIENT =	0.98	0.51	0.51

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0026)				
1 + 2 = 3	AREA	QPEAK	TPEAK	R.V.
	(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0206):	0.13	0.014	12.18	30.25
+ ID2= 2 (0207):	0.25	0.027	12.18	30.27
ID = 3 (0026):	0.38	0.041	12.18	30.26

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

5-yr 24hr SCS Type II

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================================================================================
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      V    V   I    SSSSS  U   U    A    L                (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
       V  V    I      SS   U   U  A   A  L
        VV     I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M   M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                  *****  D E T A I L E D    O U T P U T  *****

  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\de316eb8-ca48-4896-b298-c5d28b6e1335\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\de316eb8-ca48-4896-b298-c5d28b6e1335\scen

DATE: 11/01/2023                          TIME: 04:20:50

USER:

COMMENTS: _____

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  ********************************************
  ** SIMULATION : 005yr 24hr 10min SCS Type II  **
  ********************************************

--------------------
|    READ STORM    |    Filename: C:\Users\SAhonen\AppD
|                  |              ata\Local\Temp\
|                  |              c1647a78-757b-4305-aa52-b335c28469ae\43ec4bfc
| Ptotal= 71.04 mm |    Comments: 5yr 24hr 10min SCS Type II (MTO)
--------------------
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
                0.00    0.00 |  6.17    1.28 | 12.33   10.23 |  18.50    1.28
                0.17    0.78 |  6.33    1.28 | 12.50   10.23 |  18.67    1.28
                0.33    0.78 |  6.50    1.28 | 12.67    5.26 |  18.83    1.28
                0.50    0.78 |  6.67    1.28 | 12.83    5.26 |  19.00    1.28
                0.67    0.78 |  6.83    1.28 | 13.00    5.26 |  19.17    1.28
                0.83    0.78 |  7.00    1.28 | 13.17    3.84 |  19.33    1.28
                1.00    0.78 |  7.17    1.56 | 13.33    3.84 |  19.50    1.28
                1.17    0.78 |  7.33    1.56 | 13.50    3.84 |  19.67    1.28
                1.33    0.78 |  7.50    1.56 | 13.67    2.98 |  19.83    1.28
                1.50    0.78 |  7.67    1.56 | 13.83    2.98 |  20.00    1.28
                1.67    0.78 |  7.83    1.56 | 14.00    2.98 |  20.17    0.85
                1.83    0.78 |  8.00    1.56 | 14.17    2.13 |  20.33    0.85
                2.00    0.78 |  8.17    1.85 | 14.33    2.13 |  20.50    0.85
                2.17    0.92 |  8.33    1.85 | 14.50    2.13 |  20.67    0.85
                2.33    0.92 |  8.50    1.85 | 14.67    2.13 |  20.83    0.85
                2.50    0.92 |  8.67    1.99 | 14.83    2.13 |  21.00    0.85
                2.67    0.92 |  8.83    1.99 | 15.00    2.13 |  21.17    0.85
                2.83    0.92 |  9.00    1.99 | 15.17    2.13 |  21.33    0.85
                3.00    0.92 |  9.17    2.27 | 15.33    2.13 |  21.50    0.85
                3.17    0.92 |  9.33    2.27 | 15.50    2.13 |  21.67    0.85
                3.33    0.92 |  9.50    2.27 | 15.67    2.13 |  21.83    0.85
                3.50    0.92 |  9.67    2.56 | 15.83    2.13 |  22.00    0.85
                3.67    0.92 |  9.83    2.56 | 16.00    2.13 |  22.17    0.85
                3.83    0.92 | 10.00    2.56 | 16.17    1.28 |  22.33    0.85
                4.00    0.92 | 10.17    3.27 | 16.33    1.28 |  22.50    0.85
                4.17    1.14 | 10.33    3.27 | 16.50    1.28 |  22.67    0.85
                4.33    1.14 | 10.50    3.27 | 16.67    1.28 |  22.83    0.85
                4.50    1.14 | 10.67    4.40 | 16.83    1.28 |  23.00    0.85
                4.67    1.14 | 10.83    4.40 | 17.00    1.28 |  23.17    0.85
                4.83    1.14 | 11.00    4.40 | 17.17    1.28 |  23.33    0.85
                5.00    1.14 | 11.17    6.82 | 17.33    1.28 |  23.50    0.85
                5.17    1.14 | 11.33    6.82 | 17.50    1.28 |  23.67    0.85
                5.33    1.14 | 11.50    6.82 | 17.67    1.28 |  23.83    0.85
                5.50    1.14 | 11.67   21.03 | 17.83    1.28 |  24.00    0.85
                5.67    1.14 | 11.83   53.99 | 18.00    1.28 |
                5.83    1.14 | 12.00   86.95 | 18.17    1.28 |
                6.00    1.14 | 12.17   10.23 | 18.33    1.28 |

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| CALIB            |
| STANDHYD (  0204)|   Area     (ha)=  16.91
|ID= 1 DT= 1.0 min |   Total Imp(%)=  75.00   Dir. Conn.(%)=  37.50
--------------------

                             IMPERVIOUS     PERVIOUS (i)
     Surface Area     (ha)=       12.68          4.23
     Dep. Storage     (mm)=        1.00          5.00
     Average Slope     (%)=        2.00          2.00
     Length            (m)=       40.00         30.00
     Mannings n             =      0.013         0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.


                              ---- TRANSFORMED HYETOGRAPH ----
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
               0.017    0.00 |  6.067    1.14 |12.117   86.95 |  18.17    1.28
               0.033    0.00 |  6.083    1.14 |12.133   86.95 |  18.18    1.28
               0.050    0.00 |  6.100    1.14 |12.150   86.95 |  18.20    1.28
               0.067    0.00 |  6.117    1.14 |12.167   86.95 |  18.22    1.28
               0.083    0.00 |  6.133    1.14 |12.183   10.30 |  18.23    1.28
               0.100    0.00 |  6.150    1.14 |12.200   10.23 |  18.25    1.28
               0.117    0.00 |  6.167    1.14 |12.217   10.23 |  18.27    1.28
               0.133    0.00 |  6.183    1.28 |12.233   10.23 |  18.28    1.28
               0.150    0.00 |  6.200    1.28 |12.250   10.23 |  18.30    1.28
               0.167    0.00 |  6.217    1.28 |12.267   10.23 |  18.32    1.28
               0.183    0.78 |  6.233    1.28 |12.283   10.23 |  18.33    1.28
               0.200    0.78 |  6.250    1.28 |12.300   10.23 |  18.35    1.28
               0.217    0.78 |  6.267    1.28 |12.317   10.23 |  18.37    1.28
               0.233    0.78 |  6.283    1.28 |12.333   10.23 |  18.38    1.28
               0.250    0.78 |  6.300    1.28 |12.350   10.23 |  18.40    1.28
               0.267    0.78 |  6.317    1.28 |12.367   10.23 |  18.42    1.28
               0.283    0.78 |  6.333    1.28 |12.383   10.23 |  18.43    1.28
               0.300    0.78 |  6.350    1.28 |12.400   10.23 |  18.45    1.28
               0.317    0.78 |  6.367    1.28 |12.417   10.23 |  18.47    1.28
               0.333    0.78 |  6.383    1.28 |12.433   10.23 |  18.48    1.28
               0.350    0.78 |  6.400    1.28 |12.450   10.23 |  18.50    1.28
               0.367    0.78 |  6.417    1.28 |12.467   10.23 |  18.52    1.28
               0.383    0.78 |  6.433    1.28 |12.483   10.23 |  18.53    1.28
               0.400    0.78 |  6.450    1.28 |12.500   10.23 |  18.55    1.28
               0.417    0.78 |  6.467    1.28 |12.517   10.23 |  18.57    1.28
               0.433    0.78 |  6.483    1.28 |12.533   10.23 |  18.58    1.28
               0.450    0.78 |  6.500    1.28 |12.550   10.23 |  18.60    1.28
               0.467    0.78 |  6.517    1.28 |12.567   10.23 |  18.62    1.28
               0.483    0.78 |  6.533    1.28 |12.583   10.23 |  18.63    1.28
               0.500    0.78 |  6.550    1.28 |12.600   10.23 |  18.65    1.28
               0.517    0.78 |  6.567    1.28 |12.617   10.23 |  18.67    1.28
               0.533    0.78 |  6.583    1.28 |12.633   10.23 |  18.68    1.28
               0.550    0.78 |  6.600    1.28 |12.650   10.23 |  18.70    1.28
               0.567    0.78 |  6.617    1.28 |12.667   10.23 |  18.72    1.28
               0.583    0.78 |  6.633    1.28 |12.683    5.26 |  18.73    1.28
               0.600    0.78 |  6.650    1.28 |12.700    5.26 |  18.75    1.28
               0.617    0.78 |  6.667    1.28 |12.717    5.26 |  18.77    1.28
               0.633    0.78 |  6.683    1.28 |12.733    5.26 |  18.78    1.28
               0.650    0.78 |  6.700    1.28 |12.750    5.26 |  18.80    1.28
               0.667    0.78 |  6.717    1.28 |12.767    5.26 |  18.82    1.28
               0.683    0.78 |  6.733    1.28 |12.783    5.26 |  18.83    1.28
               0.700    0.78 |  6.750    1.28 |12.800    5.26 |  18.85    1.28
               0.717    0.78 |  6.767    1.28 |12.817    5.26 |  18.87    1.28
               0.733    0.78 |  6.783    1.28 |12.833    5.26 |  18.88    1.28
               0.750    0.78 |  6.800    1.28 |12.850    5.26 |  18.90    1.28
               0.767    0.78 |  6.817    1.28 |12.867    5.26 |  18.92    1.28
               0.783    0.78 |  6.833    1.28 |12.883    5.26 |  18.93    1.28
               0.800    0.78 |  6.850    1.28 |12.900    5.26 |  18.95    1.28
               0.817    0.78 |  6.867    1.28 |12.917    5.26 |  18.97    1.28
               0.833    0.78 |  6.883    1.28 |12.933    5.26 |  18.98    1.28
               0.850    0.78 |  6.900    1.28 |12.950    5.26 |  19.00    1.28
               0.867    0.78 |  6.917    1.28 |12.967    5.26 |  19.02    1.28
               0.883    0.78 |  6.933    1.28 |12.983    5.26 |  19.03    1.28
               0.900    0.78 |  6.950    1.28 |13.000    5.26 |  19.05    1.28
               0.917    0.78 |  6.967    1.28 |13.017    5.26 |  19.07    1.28
               0.933    0.78 |  6.983    1.28 |13.033    5.26 |  19.08    1.28
               0.950    0.78 |  7.000    1.28 |13.050    5.26 |  19.10    1.28
               0.967    0.78 |  7.017    1.28 |13.067    5.26 |  19.12    1.28
               0.983    0.78 |  7.033    1.28 |13.083    5.26 |  19.13    1.28
               1.000    0.78 |  7.050    1.28 |13.100    5.26 |  19.15    1.28
               1.017    0.78 |  7.067    1.28 |13.117    5.26 |  19.17    1.28
               1.033    0.78 |  7.083    1.28 |13.133    5.26 |  19.18    1.28
               1.050    0.78 |  7.100    1.28 |13.150    5.26 |  19.20    1.28
               1.067    0.78 |  7.117    1.28 |13.167    5.26 |  19.22    1.28
               1.083    0.78 |  7.133    1.28 |13.183    3.84 |  19.23    1.28
               1.100    0.78 |  7.150    1.28 |13.200    3.84 |  19.25    1.28
               1.117    0.78 |  7.167    1.28 |13.217    3.84 |  19.27    1.28
               1.133    0.78 |  7.183    1.56 |13.233    3.84 |  19.28    1.28
               1.150    0.78 |  7.200    1.56 |13.250    3.84 |  19.30    1.28
               1.167    0.78 |  7.217    1.56 |13.267    3.84 |  19.32    1.28
               1.183    0.78 |  7.233    1.56 |13.283    3.84 |  19.33    1.28
               1.200    0.78 |  7.250    1.56 |13.300    3.84 |  19.35    1.28
               1.217    0.78 |  7.267    1.56 |13.317    3.84 |  19.37    1.28
               1.233    0.78 |  7.283    1.56 |13.333    3.84 |  19.38    1.28
               1.250    0.78 |  7.300    1.56 |13.350    3.84 |  19.40    1.28
               1.267    0.78 |  7.317    1.56 |13.367    3.84 |  19.42    1.28
               1.283    0.78 |  7.333    1.56 |13.383    3.84 |  19.43    1.28
               1.300    0.78 |  7.350    1.56 |13.400    3.84 |  19.45    1.28
               1.317    0.78 |  7.367    1.56 |13.417    3.84 |  19.47    1.28
               1.333    0.78 |  7.383    1.56 |13.433    3.84 |  19.48    1.28
               1.350    0.78 |  7.400    1.56 |13.450    3.84 |  19.50    1.28
               1.367    0.78 |  7.417    1.56 |13.467    3.84 |  19.52    1.28
               1.383    0.78 |  7.433    1.56 |13.483    3.84 |  19.53    1.28
               1.400    0.78 |  7.450    1.56 |13.500    3.84 |  19.55    1.28
               1.417    0.78 |  7.467    1.56 |13.517    3.84 |  19.57    1.28
               1.433    0.78 |  7.483    1.56 |13.533    3.84 |  19.58    1.28
               1.450    0.78 |  7.500    1.56 |13.550    3.84 |  19.60    1.28
               1.467    0.78 |  7.517    1.56 |13.567    3.84 |  19.62    1.28
               1.483    0.78 |  7.533    1.56 |13.583    3.84 |  19.63    1.28
               1.500    0.78 |  7.550    1.56 |13.600    3.84 |  19.65    1.28
               1.517    0.78 |  7.567    1.56 |13.617    3.84 |  19.67    1.28
               1.533    0.78 |  7.583    1.56 |13.633    3.84 |  19.68    1.28
               1.550    0.78 |  7.600    1.56 |13.650    3.84 |  19.70    1.28
               1.567    0.78 |  7.617    1.56 |13.667    3.84 |  19.72    1.28
               1.583    0.78 |  7.633    1.56 |13.683    2.99 |  19.73    1.28
               1.600    0.78 |  7.650    1.56 |13.700    2.98 |  19.75    1.28
               1.617    0.78 |  7.667    1.56 |13.717    2.98 |  19.77    1.28
               1.633    0.78 |  7.683    1.56 |13.733    2.98 |  19.78    1.28
               1.650    0.78 |  7.700    1.56 |13.750    2.98 |  19.80    1.28
               1.667    0.78 |  7.717    1.56 |13.767    2.98 |  19.82    1.28
               1.683    0.78 |  7.733    1.56 |13.783    2.98 |  19.83    1.28
               1.700    0.78 |  7.750    1.56 |13.800    2.98 |  19.85    1.28
               1.717    0.78 |  7.767    1.56 |13.817    2.98 |  19.87    1.28
               1.733    0.78 |  7.783    1.56 |13.833    2.98 |  19.88    1.28
               1.750    0.78 |  7.800    1.56 |13.850    2.98 |  19.90    1.28
               1.767    0.78 |  7.817    1.56 |13.867    2.98 |  19.92    1.28
               1.783    0.78 |  7.833    1.56 |13.883    2.98 |  19.93    1.28
               1.800    0.78 |  7.850    1.56 |13.900    2.98 |  19.95    1.28
               1.817    0.78 |  7.867    1.56 |13.917    2.98 |  19.97    1.28
               1.833    0.78 |  7.883    1.56 |13.933    2.98 |  19.98    1.28
               1.850    0.78 |  7.900    1.56 |13.950    2.98 |  20.00    1.28
               1.867    0.78 |  7.917    1.56 |13.967    2.98 |  20.02    1.28
               1.883    0.78 |  7.933    1.56 |13.983    2.98 |  20.03    1.28
               1.900    0.78 |  7.950    1.56 |14.000    2.98 |  20.05    1.28
               1.917    0.78 |  7.967    1.56 |14.017    2.98 |  20.07    1.28
               1.933    0.78 |  7.983    1.56 |14.033    2.98 |  20.08    1.28
               1.950    0.78 |  8.000    1.56 |14.050    2.98 |  20.10    1.28
               1.967    0.78 |  8.017    1.56 |14.067    2.98 |  20.12    1.28
               1.983    0.78 |  8.033    1.56 |14.083    2.98 |  20.13    1.28
               2.000    0.78 |  8.050    1.56 |14.100    2.98 |  20.15    1.28
               2.017    0.78 |  8.067    1.56 |14.117    2.98 |  20.17    1.28
               2.033    0.78 |  8.083    1.56 |14.133    2.98 |  20.18    0.86
               2.050    0.78 |  8.100    1.56 |14.150    2.98 |  20.20    0.85
               2.067    0.78 |  8.117    1.56 |14.167    2.98 |  20.22    0.85
               2.083    0.78 |  8.133    1.56 |14.183    2.13 |  20.23    0.85
               2.100    0.78 |  8.150    1.56 |14.200    2.13 |  20.25    0.85
               2.117    0.78 |  8.167    1.56 |14.217    2.13 |  20.27    0.85
               2.133    0.78 |  8.183    1.85 |14.233    2.13 |  20.28    0.85
               2.150    0.78 |  8.200    1.85 |14.250    2.13 |  20.30    0.85
               2.167    0.78 |  8.217    1.85 |14.267    2.13 |  20.32    0.85
               2.183    0.92 |  8.233    1.85 |14.283    2.13 |  20.33    0.85
               2.200    0.92 |  8.250    1.85 |14.300    2.13 |  20.35    0.85
               2.217    0.92 |  8.267    1.85 |14.317    2.13 |  20.37    0.85
               2.233    0.92 |  8.283    1.85 |14.333    2.13 |  20.38    0.85
               2.250    0.92 |  8.300    1.85 |14.350    2.13 |  20.40    0.85
               2.267    0.92 |  8.317    1.85 |14.367    2.13 |  20.42    0.85
               2.283    0.92 |  8.333    1.85 |14.383    2.13 |  20.43    0.85
               2.300    0.92 |  8.350    1.85 |14.400    2.13 |  20.45    0.85
               2.317    0.92 |  8.367    1.85 |14.417    2.13 |  20.47    0.85
               2.333    0.92 |  8.383    1.85 |14.433    2.13 |  20.48    0.85
               2.350    0.92 |  8.400    1.85 |14.450    2.13 |  20.50    0.85
               2.367    0.92 |  8.417    1.85 |14.467    2.13 |  20.52    0.85
               2.383    0.92 |  8.433    1.85 |14.483    2.13 |  20.53    0.85
               2.400    0.92 |  8.450    1.85 |14.500    2.13 |  20.55    0.85
               2.417    0.92 |  8.467    1.85 |14.517    2.13 |  20.57    0.85
               2.433    0.92 |  8.483    1.85 |14.533    2.13 |  20.58    0.85
               2.450    0.92 |  8.500    1.85 |14.550    2.13 |  20.60    0.85
               2.467    0.92 |  8.517    1.85 |14.567    2.13 |  20.62    0.85
               2.483    0.92 |  8.533    1.85 |14.583    2.13 |  20.63    0.85
               2.500    0.92 |  8.550    1.85 |14.600    2.13 |  20.65    0.85
               2.517    0.92 |  8.567    1.85 |14.617    2.13 |  20.67    0.85
               2.533    0.92 |  8.583    1.85 |14.633    2.13 |  20.68    0.85
               2.550    0.92 |  8.600    1.85 |14.650    2.13 |  20.70    0.85
               2.567    0.92 |  8.617    1.85 |14.667    2.13 |  20.72    0.85
               2.583    0.92 |  8.633    1.85 |14.683    2.13 |  20.73    0.85
               2.600    0.92 |  8.650    1.85 |14.700    2.13 |  20.75    0.85
               2.617    0.92 |  8.667    1.85 |14.717    2.13 |  20.77    0.85
               2.633    0.92 |  8.683    1.99 |14.733    2.13 |  20.78    0.85
               2.650    0.92 |  8.700    1.99 |14.750    2.13 |  20.80    0.85
               2.667    0.92 |  8.717    1.99 |14.767    2.13 |  20.82    0.85
               2.683    0.92 |  8.733    1.99 |14.783    2.13 |  20.83    0.85
               2.700    0.92 |  8.750    1.99 |14.800    2.13 |  20.85    0.85
               2.717    0.92 |  8.767    1.99 |14.817    2.13 |  20.87    0.85
               2.733    0.92 |  8.783    1.99 |14.833    2.13 |  20.88    0.85
               2.750    0.92 |  8.800    1.99 |14.850    2.13 |  20.90    0.85
               2.767    0.92 |  8.817    1.99 |14.867    2.13 |  20.92    0.85
               2.783    0.92 |  8.833    1.99 |14.883    2.13 |  20.93    0.85
               2.800    0.92 |  8.850    1.99 |14.900    2.13 |  20.95    0.85
               2.817    0.92 |  8.867    1.99 |14.917    2.13 |  20.97    0.85
               2.833    0.92 |  8.883    1.99 |14.933    2.13 |  20.98    0.85
               2.850    0.92 |  8.900    1.99 |14.950    2.13 |  21.00    0.85
               2.867    0.92 |  8.917    1.99 |14.967    2.13 |  21.02    0.85
               2.883    0.92 |  8.933    1.99 |14.983    2.13 |  21.03    0.85
               2.900    0.92 |  8.950    1.99 |15.000    2.13 |  21.05    0.85
               2.917    0.92 |  8.967    1.99 |15.017    2.13 |  21.07    0.85
               2.933    0.92 |  8.983    1.99 |15.033    2.13 |  21.08    0.85
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5-yr 24hr SCS Type II

2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85
3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85
4.083	0.92	10.133	2.56	16.183	2.13	22.23	0.85
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85
6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

Max.Eff.Inten.(mm/hr)=		86.95	181.86	
over (min)		5.00	7.00	
Storage Coeff. (min)=		1.27 (ii)	6.61 (ii)	
Unit Hyd. Tpeak (min)=		5.00	7.00	
Unit Hyd. peak (cms)=		0.44	0.17	
				TOTALS
PEAK FLOW	(cms)=	1.53	1.74	3.229 (iii)
TIME TO PEAK	(hrs)=	12.17	12.20	12.17
RUNOFF VOLUME	(mm)=	70.03	50.47	57.81
TOTAL RAINFALL	(mm)=	71.04	71.04	71.04
RUNOFF COEFFICIENT	=	0.99	0.71	0.81

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0211)	Area	(ha)= 0.18	
ID= 1 DT= 1.0 min	Total Imp(%)= 70.00	Dir. Conn.(%)= 35.00	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.13	0.05
Dep. Storage	(mm)=	1.00	2.80
Average Slope	(%)=	1.00	2.00
Length	(m)=	34.64	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.14	12.117	86.95	18.17	1.28
0.033	0.00	6.083	1.14	12.133	86.95	18.18	1.28
0.050	0.00	6.100	1.14	12.150	86.95	18.20	1.28
0.067	0.00	6.117	1.14	12.167	86.95	18.22	1.28
0.083	0.00	6.133	1.14	12.183	10.30	18.23	1.28
0.100	0.00	6.150	1.14	12.200	10.23	18.25	1.28
0.117	0.00	6.167	1.14	12.217	10.23	18.27	1.28
0.133	0.00	6.183	1.28	12.233	10.23	18.28	1.28
0.150	0.00	6.200	1.28	12.250	10.23	18.30	1.28
0.167	0.00	6.217	1.28	12.267	10.23	18.32	1.28
0.183	0.78	6.233	1.28	12.283	10.23	18.33	1.28
0.200	0.78	6.250	1.28	12.300	10.23	18.35	1.28
0.217	0.78	6.267	1.28	12.317	10.23	18.37	1.28
0.233	0.78	6.283	1.28	12.333	10.23	18.38	1.28
0.250	0.78	6.300	1.28	12.350	10.23	18.40	1.28
0.267	0.78	6.317	1.28	12.367	10.23	18.42	1.28
0.283	0.78	6.333	1.28	12.383	10.23	18.43	1.28
0.300	0.78	6.350	1.28	12.400	10.23	18.45	1.28
0.317	0.78	6.367	1.28	12.417	10.23	18.47	1.28
0.333	0.78	6.383	1.28	12.433	10.23	18.48	1.28
0.350	0.78	6.400	1.28	12.450	10.23	18.50	1.28
0.367	0.78	6.417	1.28	12.467	10.23	18.52	1.28
0.383	0.78	6.433	1.28	12.483	10.23	18.53	1.28
0.400	0.78	6.450	1.28	12.500	10.23	18.55	1.28
0.417	0.78	6.467	1.28	12.517	10.23	18.57	1.28
0.433	0.78	6.483	1.28	12.533	10.23	18.58	1.28
0.450	0.78	6.500	1.28	12.550	10.23	18.60	1.28
0.467	0.78	6.517	1.28	12.567	10.23	18.62	1.28
0.483	0.78	6.533	1.28	12.583	10.23	18.63	1.28
0.500	0.78	6.550	1.28	12.600	10.23	18.65	1.28
0.517	0.78	6.567	1.28	12.617	10.23	18.67	1.28
0.533	0.78	6.583	1.28	12.633	10.23	18.68	1.28
0.550	0.78	6.600	1.28	12.650	10.23	18.70	1.28
0.567	0.78	6.617	1.28	12.667	10.23	18.72	1.28
0.583	0.78	6.633	1.28	12.683	5.26	18.73	1.28
0.600	0.78	6.650	1.28	12.700	5.26	18.75	1.28
0.617	0.78	6.667	1.28	12.717	5.26	18.77	1.28
0.633	0.78	6.683	1.28	12.733	5.26	18.78	1.28
0.650	0.78	6.700	1.28	12.750	5.26	18.80	1.28
0.667	0.78	6.717	1.28	12.767	5.26	18.82	1.28
0.683	0.78	6.733	1.28	12.783	5.26	18.83	1.28
0.700	0.78	6.750	1.28	12.800	5.26	18.85	1.28
0.717	0.78	6.767	1.28	12.817	5.26	18.87	1.28
0.733	0.78	6.783	1.28	12.833	5.26	18.88	1.28
0.750	0.78	6.800	1.28	12.850	5.26	18.90	1.28
0.767	0.78	6.817	1.28	12.867	5.26	18.92	1.28
0.783	0.78	6.833	1.28	12.883	5.26	18.93	1.28
0.800	0.78	6.850	1.28	12.900	5.26	18.95	1.28
0.817	0.78	6.867	1.28	12.917	5.26	18.97	1.28
0.833	0.78	6.883	1.28	12.933	5.26	18.98	1.28
0.850	0.78	6.900	1.28	12.950	5.26	19.00	1.28
0.867	0.78	6.917	1.28	12.967	5.26	19.02	1.28
0.883	0.78	6.933	1.28	12.983	5.26	19.03	1.28
0.900	0.78	6.950	1.28	13.000	5.26	19.05	1.28
0.917	0.78	6.967	1.28	13.017	5.26	19.07	1.28
0.933	0.78	6.983	1.28	13.033	5.26	19.08	1.28
0.950	0.78	7.000	1.28	13.050	5.26	19.10	1.28
0.967	0.78	7.017	1.28	13.067	5.26	19.12	1.28
0.983	0.78	7.033	1.28	13.083	5.26	19.13	1.28
1.000	0.78	7.050	1.28	13.100	5.26	19.15	1.28

5-yr 24hr SCS Type II

1.017	0.78	7.067	1.28	13.117	5.26	19.17	1.28
1.033	0.78	7.083	1.28	13.133	5.26	19.18	1.28
1.050	0.78	7.100	1.28	13.150	5.26	19.20	1.28
1.067	0.78	7.117	1.28	13.167	5.26	19.22	1.28
1.083	0.78	7.133	1.28	13.183	3.84	19.23	1.28
1.100	0.78	7.150	1.28	13.200	3.84	19.25	1.28
1.117	0.78	7.167	1.28	13.217	3.84	19.27	1.28
1.133	0.78	7.183	1.56	13.233	3.84	19.28	1.28
1.150	0.78	7.200	1.56	13.250	3.84	19.30	1.28
1.167	0.78	7.217	1.56	13.267	3.84	19.32	1.28
1.183	0.78	7.233	1.56	13.283	3.84	19.33	1.28
1.200	0.78	7.250	1.56	13.300	3.84	19.35	1.28
1.217	0.78	7.267	1.56	13.317	3.84	19.37	1.28
1.233	0.78	7.283	1.56	13.333	3.84	19.38	1.28
1.250	0.78	7.300	1.56	13.350	3.84	19.40	1.28
1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28
1.517	0.78	7.567	1.56	13.617	3.84	19.67	1.28
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85
2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85
3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85

5-yr 24hr SCS Type II

5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85
6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

Max.Eff.Inten.(mm/hr)=	86.95	176.14	
over (min)	5.00	5.00	
Storage Coeff. (min)=	1.43 (ii)	4.48 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.43	0.24	
			TOTALS
PEAK FLOW (cms)=	0.02	0.02	0.039 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	70.04	58.77	62.70
TOTAL RAINFALL (mm)=	71.04	71.04	71.04
RUNOFF COEFFICIENT =	0.99	0.83	0.88

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 90.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

DUHYD (0023)					
Inlet Cap.= 0.039					
#of Inlets= 1					
Total(cms)= 0.0		AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
TOTAL HYD.(ID= 1):		0.18	0.04	12.17	62.70
MAJOR SYS.(ID= 2):		0.00	0.00	12.17	62.70
MINOR SYS.(ID= 3):		0.18	0.04	12.17	62.70

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB					
STANDHYD (0212)|	Area (ha)= 1.77				
ID= 1 DT= 1.0 min |	Total Imp(%)= 50.00		Dir. Conn.(%)= 50.00		
	IMPERVIOUS	PERVIOUS (i)			
Surface Area (ha)=	0.89	0.89			
Dep. Storage (mm)=	1.00	5.00			
Average Slope (%)=	1.00	33.00			
Length (m)=	108.63	10.00			
Mannings n =	0.013	0.250			

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.14	12.117	86.95	18.17	1.28
0.033	0.00	6.083	1.14	12.133	86.95	18.18	1.28
0.050	0.00	6.100	1.14	12.150	86.95	18.20	1.28
0.067	0.00	6.117	1.14	12.167	86.95	18.22	1.28
0.083	0.00	6.133	1.14	12.183	10.30	18.23	1.28
0.100	0.00	6.150	1.14	12.200	10.23	18.25	1.28
0.117	0.00	6.167	1.14	12.217	10.23	18.27	1.28
0.133	0.00	6.183	1.28	12.233	10.23	18.28	1.28
0.150	0.00	6.200	1.28	12.250	10.23	18.30	1.28
0.167	0.00	6.217	1.28	12.267	10.23	18.32	1.28
0.183	0.78	6.233	1.28	12.283	10.23	18.33	1.28
0.200	0.78	6.250	1.28	12.300	10.23	18.35	1.28
0.217	0.78	6.267	1.28	12.317	10.23	18.37	1.28
0.233	0.78	6.283	1.28	12.333	10.23	18.38	1.28
0.250	0.78	6.300	1.28	12.350	10.23	18.40	1.28
0.267	0.78	6.317	1.28	12.367	10.23	18.42	1.28
0.283	0.78	6.333	1.28	12.383	10.23	18.43	1.28
0.300	0.78	6.350	1.28	12.400	10.23	18.45	1.28
0.317	0.78	6.367	1.28	12.417	10.23	18.47	1.28
0.333	0.78	6.383	1.28	12.433	10.23	18.48	1.28
0.350	0.78	6.400	1.28	12.450	10.23	18.50	1.28
0.367	0.78	6.417	1.28	12.467	10.23	18.52	1.28
0.383	0.78	6.433	1.28	12.483	10.23	18.53	1.28
0.400	0.78	6.450	1.28	12.500	10.23	18.55	1.28
0.417	0.78	6.467	1.28	12.517	10.23	18.57	1.28
0.433	0.78	6.483	1.28	12.533	10.23	18.58	1.28
0.450	0.78	6.500	1.28	12.550	10.23	18.60	1.28
0.467	0.78	6.517	1.28	12.567	10.23	18.62	1.28
0.483	0.78	6.533	1.28	12.583	10.23	18.63	1.28
0.500	0.78	6.550	1.28	12.600	10.23	18.65	1.28
0.517	0.78	6.567	1.28	12.617	10.23	18.67	1.28
0.533	0.78	6.583	1.28	12.633	10.23	18.68	1.28
0.550	0.78	6.600	1.28	12.650	10.23	18.70	1.28
0.567	0.78	6.617	1.28	12.667	10.23	18.72	1.28
0.583	0.78	6.633	1.28	12.683	5.26	18.73	1.28
0.600	0.78	6.650	1.28	12.700	5.26	18.75	1.28
0.617	0.78	6.667	1.28	12.717	5.26	18.77	1.28
0.633	0.78	6.683	1.28	12.733	5.26	18.78	1.28
0.650	0.78	6.700	1.28	12.750	5.26	18.80	1.28
0.667	0.78	6.717	1.28	12.767	5.26	18.82	1.28
0.683	0.78	6.733	1.28	12.783	5.26	18.83	1.28
0.700	0.78	6.750	1.28	12.800	5.26	18.85	1.28
0.717	0.78	6.767	1.28	12.817	5.26	18.87	1.28
0.733	0.78	6.783	1.28	12.833	5.26	18.88	1.28
0.750	0.78	6.800	1.28	12.850	5.26	18.90	1.28
0.767	0.78	6.817	1.28	12.867	5.26	18.92	1.28
0.783	0.78	6.833	1.28	12.883	5.26	18.93	1.28
0.800	0.78	6.850	1.28	12.900	5.26	18.95	1.28
0.817	0.78	6.867	1.28	12.917	5.26	18.97	1.28
0.833	0.78	6.883	1.28	12.933	5.26	18.98	1.28
0.850	0.78	6.900	1.28	12.950	5.26	19.00	1.28
0.867	0.78	6.917	1.28	12.967	5.26	19.02	1.28
0.883	0.78	6.933	1.28	12.983	5.26	19.03	1.28
0.900	0.78	6.950	1.28	13.000	5.26	19.05	1.28
0.917	0.78	6.967	1.28	13.017	5.26	19.07	1.28
0.933	0.78	6.983	1.28	13.033	5.26	19.08	1.28
0.950	0.78	7.000	1.28	13.050	5.26	19.10	1.28
0.967	0.78	7.017	1.28	13.067	5.26	19.12	1.28
0.983	0.78	7.033	1.28	13.083	5.26	19.13	1.28
1.000	0.78	7.050	1.28	13.100	5.26	19.15	1.28
1.017	0.78	7.067	1.28	13.117	5.26	19.17	1.28
1.033	0.78	7.083	1.28	13.133	5.26	19.18	1.28
1.050	0.78	7.100	1.28	13.150	5.26	19.20	1.28
1.067	0.78	7.117	1.28	13.167	5.26	19.22	1.28
1.083	0.78	7.133	1.28	13.183	3.84	19.23	1.28
1.100	0.78	7.150	1.28	13.200	3.84	19.25	1.28
1.117	0.78	7.167	1.28	13.217	3.84	19.27	1.28
1.133	0.78	7.183	1.56	13.233	3.84	19.28	1.28
1.150	0.78	7.200	1.56	13.250	3.84	19.30	1.28
1.167	0.78	7.217	1.56	13.267	3.84	19.32	1.28
1.183	0.78	7.233	1.56	13.283	3.84	19.33	1.28
1.200	0.78	7.250	1.56	13.300	3.84	19.35	1.28
1.217	0.78	7.267	1.56	13.317	3.84	19.37	1.28
1.233	0.78	7.283	1.56	13.333	3.84	19.38	1.28
1.250	0.78	7.300	1.56	13.350	3.84	19.40	1.28
1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28
1.517	0.92	7.567	1.56	13.617	3.84	19.67	1.28
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85
2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85

5-yr 24hr SCS Type II

3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85
6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

```
     Max.Eff.Inten.(mm/hr)=      86.95        50.51
               over (min)         5.00         5.00
     Storage Coeff.  (min)=       2.84 (ii)    4.24 (ii)
     Unit Hyd. Tpeak (min)=       5.00         5.00
     Unit Hyd. peak  (cms)=       0.32         0.25
                                                        *TOTALS*
     PEAK FLOW       (cms)=       0.21         0.11      0.321 (iii)
     TIME TO PEAK    (hrs)=      12.17        12.18      12.17
     RUNOFF VOLUME    (mm)=      70.03        33.66      51.85
     TOTAL RAINFALL   (mm)=      71.04        71.04      71.04
     RUNOFF COEFFICIENT   =       0.99         0.47       0.73

       (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
           CN* = 80.0    Ia = Dep. Storage  (Above)
      (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
           THAN THE STORAGE COEFFICIENT.
     (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.
```

```
--------------------
| ADD HYD  (  0024)|
|   1 +  2 =  3    |        AREA    QPEAK    TPEAK      R.V.
--------------------         (ha)    (cms)    (hrs)      (mm)
       ID1= 1 (  0204):    16.91    3.229    12.17    57.81
     + ID2= 2 (  0212):     1.77    0.321    12.17    51.85
       ========================================================
       ID = 3 (  0024):    18.68    3.549    12.17    57.25

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
```

```
--------------------
| ADD HYD  (  0024)|
|   3 +  2 =  1    |        AREA    QPEAK    TPEAK      R.V.
--------------------         (ha)    (cms)    (hrs)      (mm)
       ID1= 3 (  0024):    18.68    3.549    12.17    57.25
     + ID2= 2 (  0023):     0.18    0.039    12.17    62.70
       ========================================================
       ID = 1 (  0024):    18.86    3.588    12.17    57.30

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
```

```
--------------------
| RESERVOIR(  0002)|     OVERFLOW IS OFF
| IN= 2---> OUT= 1 |
| DT=  1.0 min     |    OUTFLOW    STORAGE   |  OUTFLOW    STORAGE
--------------------      (cms)     (ha.m.)   |   (cms)     (ha.m.)
                          0.0000     0.0000   |   0.4535     0.8095
                          0.0049     0.0710   |   0.5215     0.9015
                          0.0085     0.1443   |   0.5814     0.9955
                          0.0110     0.2200   |   0.6357     1.0914
                          0.0130     0.2982   |   0.8135     1.1894
                          0.0340     0.3786   |   1.1256     1.2893
                          0.0891     0.4610   |   1.5570     1.3912
                          0.1705     0.5453   |   2.1096     1.4952
                          0.2689     0.6314   |   2.7880     1.6010
                          0.3715     0.7195   |   3.5978     1.7088

                             AREA      QPEAK      TPEAK       R.V.
                             (ha)      (cms)      (hrs)       (mm)
     INFLOW : ID= 2 (  0024)    18.860      3.588      12.17      57.30
     OUTFLOW: ID= 1 (  0002)    18.860      0.312      12.83      40.43

                    PEAK   FLOW   REDUCTION [Qout/Qin](%)=  8.71
                    TIME SHIFT OF PEAK FLOW          (min)= 40.00
                    MAXIMUM  STORAGE   USED       (ha.m.)=  0.6687
```

```
--------------------
| CALIB            |
| STANDHYD (  0203)|   Area     (ha)=   1.05
|ID= 1 DT= 1.0 min |   Total Imp(%)=  28.00   Dir. Conn.(%)=  14.00
--------------------
                          IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=       0.29         0.76
     Dep. Storage     (mm)=       1.00         5.00
     Average Slope     (%)=       1.00         2.00
     Length            (m)=      70.00        10.00
     Mannings n            =      0.013        0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.

                          ---- TRANSFORMED HYETOGRAPH ----
  TIME    RAIN |  TIME    RAIN |  TIME    RAIN |  TIME    RAIN
   hrs   mm/hr |   hrs   mm/hr |   hrs   mm/hr |   hrs   mm/hr
 0.017    0.00 | 6.067    1.14 |12.117   86.95 | 18.17    1.28
 0.033    0.00 | 6.083    1.14 |12.133   86.95 | 18.18    1.28
 0.050    0.00 | 6.100    1.14 |12.150   86.95 | 18.20    1.28
 0.067    0.00 | 6.117    1.14 |12.167   86.95 | 18.22    1.28
 0.083    0.00 | 6.133    1.14 |12.183   10.30 | 18.23    1.28
 0.100    0.00 | 6.150    1.14 |12.200   10.23 | 18.25    1.28
 0.117    0.00 | 6.167    1.14 |12.217   10.23 | 18.27    1.28
 0.133    0.00 | 6.183    1.28 |12.233   10.23 | 18.28    1.28
 0.150    0.00 | 6.200    1.28 |12.250   10.23 | 18.30    1.28
 0.167    0.00 | 6.217    1.28 |12.267   10.23 | 18.32    1.28
 0.183    0.78 | 6.233    1.28 |12.283   10.23 | 18.33    1.28
 0.200    0.78 | 6.250    1.28 |12.300   10.23 | 18.35    1.28
 0.217    0.78 | 6.267    1.28 |12.317   10.23 | 18.37    1.28
 0.233    0.78 | 6.283    1.28 |12.333   10.23 | 18.38    1.28
 0.250    0.78 | 6.300    1.28 |12.350   10.23 | 18.40    1.28
 0.267    0.78 | 6.317    1.28 |12.367   10.23 | 18.42    1.28
 0.283    0.78 | 6.333    1.28 |12.383   10.23 | 18.43    1.28
 0.300    0.78 | 6.350    1.28 |12.400   10.23 | 18.45    1.28
 0.317    0.78 | 6.367    1.28 |12.417   10.23 | 18.47    1.28
 0.333    0.78 | 6.383    1.28 |12.433   10.23 | 18.48    1.28
 0.350    0.78 | 6.400    1.28 |12.450   10.23 | 18.50    1.28
 0.367    0.78 | 6.417    1.28 |12.467   10.23 | 18.52    1.28
 0.383    0.78 | 6.433    1.28 |12.483   10.23 | 18.53    1.28
 0.400    0.78 | 6.450    1.28 |12.500   10.23 | 18.55    1.28
 0.417    0.78 | 6.467    1.28 |12.517   10.23 | 18.57    1.28
 0.433    0.78 | 6.483    1.28 |12.533   10.23 | 18.58    1.28
 0.450    0.78 | 6.500    1.28 |12.550   10.23 | 18.60    1.28
 0.467    0.78 | 6.517    1.28 |12.567   10.23 | 18.62    1.28
 0.483    0.78 | 6.533    1.28 |12.583   10.23 | 18.63    1.28
 0.500    0.78 | 6.550    1.28 |12.600   10.23 | 18.65    1.28
 0.517    0.78 | 6.567    1.28 |12.617   10.23 | 18.67    1.28
 0.533    0.78 | 6.583    1.28 |12.633   10.23 | 18.68    1.28
 0.550    0.78 | 6.600    1.28 |12.650   10.23 | 18.70    1.28
 0.567    0.78 | 6.617    1.28 |12.667   10.23 | 18.72    1.28
 0.583    0.78 | 6.633    1.28 |12.683    5.26 | 18.73    1.28
 0.600    0.78 | 6.650    1.28 |12.700    5.26 | 18.75    1.28
 0.617    0.78 | 6.667    1.28 |12.717    5.26 | 18.77    1.28
 0.633    0.78 | 6.683    1.28 |12.733    5.26 | 18.78    1.28
 0.650    0.78 | 6.700    1.28 |12.750    5.26 | 18.80    1.28
 0.667    0.78 | 6.717    1.28 |12.767    5.26 | 18.82    1.28
 0.683    0.78 | 6.733    1.28 |12.783    5.26 | 18.83    1.28
 0.700    0.78 | 6.750    1.28 |12.800    5.26 | 18.85    1.28
 0.717    0.78 | 6.767    1.28 |12.817    5.26 | 18.87    1.28
 0.733    0.78 | 6.783    1.28 |12.833    5.26 | 18.88    1.28
 0.750    0.78 | 6.800    1.28 |12.850    5.26 | 18.90    1.28
 0.767    0.78 | 6.817    1.28 |12.867    5.26 | 18.92    1.28
 0.783    0.78 | 6.833    1.28 |12.883    5.26 | 18.93    1.28
 0.800    0.78 | 6.850    1.28 |12.900    5.26 | 18.95    1.28
 0.817    0.78 | 6.867    1.28 |12.917    5.26 | 18.97    1.28
 0.833    0.78 | 6.883    1.28 |12.933    5.26 | 18.98    1.28
```

5-yr 24hr SCS Type II

0.850	0.78	6.900	1.28	12.950	5.26	19.00	1.28	
0.867	0.78	6.917	1.28	12.967	5.26	19.02	1.28	
0.883	0.78	6.933	1.28	12.983	5.26	19.03	1.28	
0.900	0.78	6.950	1.28	13.000	5.26	19.05	1.28	
0.917	0.78	6.967	1.28	13.017	5.26	19.07	1.28	
0.933	0.78	6.983	1.28	13.033	5.26	19.08	1.28	
0.950	0.78	7.000	1.28	13.050	5.26	19.10	1.28	
0.967	0.78	7.017	1.28	13.067	5.26	19.12	1.28	
0.983	0.78	7.033	1.28	13.083	5.26	19.13	1.28	
1.000	0.78	7.050	1.28	13.100	5.26	19.15	1.28	
1.017	0.78	7.067	1.28	13.117	5.26	19.17	1.28	
1.033	0.78	7.083	1.28	13.133	5.26	19.18	1.28	
1.050	0.78	7.100	1.28	13.150	5.26	19.20	1.28	
1.067	0.78	7.117	1.28	13.167	5.26	19.22	1.28	
1.083	0.78	7.133	1.28	13.183	3.84	19.23	1.28	
1.100	0.78	7.150	1.28	13.200	3.84	19.25	1.28	
1.117	0.78	7.167	1.28	13.217	3.84	19.27	1.28	
1.133	0.78	7.183	1.56	13.233	3.84	19.28	1.28	
1.150	0.78	7.200	1.56	13.250	3.84	19.30	1.28	
1.167	0.78	7.217	1.56	13.267	3.84	19.32	1.28	
1.183	0.78	7.233	1.56	13.283	3.84	19.33	1.28	
1.200	0.78	7.250	1.56	13.300	3.84	19.35	1.28	
1.217	0.78	7.267	1.56	13.317	3.84	19.37	1.28	
1.233	0.78	7.283	1.56	13.333	3.84	19.38	1.28	
1.250	0.78	7.300	1.56	13.350	3.84	19.40	1.28	
1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28	
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28	
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28	
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28	
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28	
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28	
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28	
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28	
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28	
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28	
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28	
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28	
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28	
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28	
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28	
1.517	0.78	7.567	1.56	13.617	3.84	19.67	1.28	
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28	
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28	
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28	
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28	
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28	
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28	
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28	
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28	
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28	
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28	
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28	
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28	
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28	
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28	
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28	
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28	
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28	
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28	
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28	
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28	
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28	
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28	
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28	
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28	
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28	
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28	
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28	
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28	
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28	
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28	
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86	
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85	
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85	
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85	
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85	
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85	
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85	
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85	
2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85	
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85	
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85	
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85	
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85	
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85	
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85	
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85	
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85	
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85	
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85	
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85	
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85	
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85	
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85	
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85	
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85	
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85	
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85	
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85	
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85	
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85	
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85	
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85	
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85	
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85	
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85	
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85	
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85	
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85	
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85	
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85	
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85	
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85	
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85	
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85	
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85	
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85	
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85	
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85	
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85	
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85	
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85	
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85	
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85	
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85	
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85	
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85	
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85	
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85	
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85	
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85	
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85	
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85	
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85	
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85	
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85	
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85	
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85	
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85	
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85	
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85	
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85	
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85	
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85	
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85	
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85	
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85	
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85	
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85	
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85	
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85	
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85	
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85	
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85	
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85	
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85	
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85	
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85	
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85	
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85	
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85	
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85	
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85	
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85	
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85	
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85	
3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85	
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85	
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85	
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85	
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85	
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85	
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85	
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85	
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85	
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85	
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85	
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85	
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85	
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85	
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85	
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85	
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85	
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85	
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85	
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85	
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85	
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85	
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85	
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85	
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85	
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85	
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85	
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85	
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85	
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85	
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85	
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85	
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85	
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85	
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85	
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85	
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85	
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85	
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85	
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85	
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85	
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85	
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85	
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85	
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85	
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85	
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85	
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85	
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85	
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85	
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85	
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85	
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85	
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85	
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85	
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85	
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85	
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85	
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85	
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85	
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85	
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85	
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85	
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85	
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85	
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85	
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85	
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85	
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85	
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85	
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85	
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85	
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85	
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85	
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85	
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85	
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85	
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85	
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85	
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85	
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85	
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85	
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85	
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85	
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85	
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85	
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85	
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85	
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85	
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85	
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85	
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85	
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85	
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85	
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85	
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85	
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85	
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85	
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85	
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85	
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85	
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85	
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85	
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85	
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85	
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85	
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85	
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85	
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85	
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85	
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85	
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85	
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85	
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85	
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85	
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85	
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85	
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85	
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85	
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85	

5-yr 24hr SCS Type II

5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85
6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

Max.Eff.Inten.(mm/hr)=	86.95	66.41	
over (min)	5.00	9.00	
Storage Coeff. (min)=	2.18 (ii)	8.44 (ii)	
Unit Hyd. Tpeak (min)=	5.00	9.00	
Unit Hyd. peak (cms)=	0.36	0.13	
		TOTALS	
PEAK FLOW (cms)=	0.04	0.10	0.131 (iii)
TIME TO PEAK (hrs)=	12.17	12.22	12.20
RUNOFF VOLUME (mm)=	70.04	37.23	41.83
TOTAL RAINFALL (mm)=	71.04	71.04	71.04
RUNOFF COEFFICIENT =	0.99	0.52	0.59

***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0205)	Area (ha)=	0.28	
ID= 1 DT= 1.0 min	Total Imp(%)=	20.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.22
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.14	12.117	86.95	18.17	1.28
0.033	0.00	6.083	1.14	12.133	86.95	18.18	1.28
0.050	0.00	6.100	1.14	12.150	86.95	18.20	1.28
0.067	0.00	6.117	1.14	12.167	86.95	18.22	1.28
0.083	0.00	6.133	1.14	12.183	10.30	18.23	1.28
0.100	0.00	6.150	1.14	12.200	10.23	18.25	1.28
0.117	0.00	6.167	1.14	12.217	10.23	18.27	1.28
0.133	0.00	6.183	1.28	12.233	10.23	18.28	1.28
0.150	0.00	6.200	1.28	12.250	10.23	18.30	1.28
0.167	0.00	6.217	1.28	12.267	10.23	18.32	1.28
0.183	0.78	6.233	1.28	12.283	10.23	18.33	1.28
0.200	0.78	6.250	1.28	12.300	10.23	18.35	1.28
0.217	0.78	6.267	1.28	12.317	10.23	18.37	1.28
0.233	0.78	6.283	1.28	12.333	10.23	18.38	1.28
0.250	0.78	6.300	1.28	12.350	10.23	18.40	1.28
0.267	0.78	6.317	1.28	12.367	10.23	18.42	1.28
0.283	0.78	6.333	1.28	12.383	10.23	18.43	1.28
0.300	0.78	6.350	1.28	12.400	10.23	18.45	1.28
0.317	0.78	6.367	1.28	12.417	10.23	18.47	1.28
0.333	0.78	6.383	1.28	12.433	10.23	18.48	1.28
0.350	0.78	6.400	1.28	12.450	10.23	18.50	1.28
0.367	0.78	6.417	1.28	12.467	10.23	18.52	1.28
0.383	0.78	6.433	1.28	12.483	10.23	18.53	1.28
0.400	0.78	6.450	1.28	12.500	10.23	18.55	1.28
0.417	0.78	6.467	1.28	12.517	10.23	18.57	1.28
0.433	0.78	6.483	1.28	12.533	10.23	18.58	1.28
0.450	0.78	6.500	1.28	12.550	10.23	18.60	1.28
0.467	0.78	6.517	1.28	12.567	10.23	18.62	1.28
0.483	0.78	6.533	1.28	12.583	10.23	18.63	1.28
0.500	0.78	6.550	1.28	12.600	10.23	18.65	1.28
0.517	0.78	6.567	1.28	12.617	10.23	18.67	1.28
0.533	0.78	6.583	1.28	12.633	10.23	18.68	1.28
0.550	0.78	6.600	1.28	12.650	10.23	18.70	1.28
0.567	0.78	6.617	1.28	12.667	10.23	18.72	1.28
0.583	0.78	6.633	1.28	12.683	5.26	18.73	1.28
0.600	0.78	6.650	1.28	12.700	5.26	18.75	1.28
0.617	0.78	6.667	1.28	12.717	5.26	18.77	1.28
0.633	0.78	6.683	1.28	12.733	5.26	18.78	1.28
0.650	0.78	6.700	1.28	12.750	5.26	18.80	1.28
0.667	0.78	6.717	1.28	12.767	5.26	18.82	1.28
0.683	0.78	6.733	1.28	12.783	5.26	18.83	1.28
0.700	0.78	6.750	1.28	12.800	5.26	18.85	1.28
0.717	0.78	6.767	1.28	12.817	5.26	18.87	1.28
0.733	0.78	6.783	1.28	12.833	5.26	18.88	1.28
0.750	0.78	6.800	1.28	12.850	5.26	18.90	1.28
0.767	0.78	6.817	1.28	12.867	5.26	18.92	1.28
0.783	0.78	6.833	1.28	12.883	5.26	18.93	1.28
0.800	0.78	6.850	1.28	12.900	5.26	18.95	1.28
0.817	0.78	6.867	1.28	12.917	5.26	18.97	1.28
0.833	0.78	6.883	1.28	12.933	5.26	18.98	1.28
0.850	0.78	6.900	1.28	12.950	5.26	19.00	1.28
0.867	0.78	6.917	1.28	12.967	5.26	19.02	1.28
0.883	0.78	6.933	1.28	12.983	5.26	19.03	1.28
0.900	0.78	6.950	1.28	13.000	5.26	19.05	1.28
0.917	0.78	6.967	1.28	13.017	5.26	19.07	1.28
0.933	0.78	6.983	1.28	13.033	5.26	19.08	1.28
0.950	0.78	7.000	1.28	13.050	5.26	19.10	1.28
0.967	0.78	7.017	1.28	13.067	5.26	19.12	1.28
0.983	0.78	7.033	1.28	13.083	5.26	19.13	1.28
1.000	0.78	7.050	1.28	13.100	5.26	19.15	1.28
1.017	0.78	7.067	1.28	13.117	5.26	19.17	1.28
1.033	0.78	7.083	1.28	13.133	5.26	19.18	1.28
1.050	0.78	7.100	1.28	13.150	5.26	19.20	1.28
1.067	0.78	7.117	1.28	13.167	5.26	19.22	1.28
1.083	0.78	7.133	1.28	13.183	3.84	19.23	1.28
1.100	0.78	7.150	1.28	13.200	3.84	19.25	1.28
1.117	0.78	7.167	1.28	13.217	3.84	19.27	1.28
1.133	0.78	7.183	1.56	13.233	3.84	19.28	1.28
1.150	0.78	7.200	1.56	13.250	3.84	19.30	1.28
1.167	0.78	7.217	1.56	13.267	3.84	19.32	1.28
1.183	0.78	7.233	1.56	13.283	3.84	19.33	1.28
1.200	0.78	7.250	1.56	13.300	3.84	19.35	1.28
1.217	0.78	7.267	1.56	13.317	3.84	19.37	1.28
1.233	0.78	7.283	1.56	13.333	3.84	19.38	1.28
1.250	0.78	7.300	1.56	13.350	3.84	19.40	1.28
1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28
1.517	0.78	7.567	1.56	13.617	3.84	19.67	1.28
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85
2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85
3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85

5-yr 24hr SCS Type II

3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85
6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

```
      Max.Eff.Inten.(mm/hr)=      86.95        71.06
                 over (min)        5.00         5.00
      Storage Coeff.  (min)=       0.45 (ii)    4.94 (ii)
      Unit Hyd. Tpeak (min)=       5.00         5.00
      Unit Hyd. peak  (cms)=       0.55         0.23
                                                          *TOTALS*
      PEAK FLOW       (cms)=       0.00         0.04       0.039 (iii)
      TIME TO PEAK    (hrs)=      12.12        12.18       12.18
      RUNOFF VOLUME    (mm)=      70.04        38.13       38.13
      TOTAL RAINFALL   (mm)=      71.04        71.04       71.04
      RUNOFF COEFFICIENT   =       0.99         0.54        0.54

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
              YOU SHOULD CONSIDER SPLITTING THE AREA.

        (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
            CN*  =  80.0    Ia = Dep. Storage  (Above)
       (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
            THAN THE STORAGE COEFFICIENT.
      (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

--------------------------------------------------------------------------------

--------------------
| ADD HYD  (  0007)|
|   1 +  2 =  3    |        AREA    QPEAK    TPEAK      R.V.
--------------------         (ha)    (cms)    (hrs)      (mm)
       ID1= 1 (  0002):    18.86    0.312    12.83     40.43
     + ID2= 2 (  0203):     1.05    0.131    12.20     41.83
       ==========================================================
       ID = 3 (  0007):    19.91    0.334    12.72     40.51

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
--------------------------------------------------------------------------------

--------------------
| ADD HYD  (  0007)|
|   3 +  2 =  1    |        AREA    QPEAK    TPEAK      R.V.
--------------------         (ha)    (cms)    (hrs)      (mm)
       ID1= 3 (  0007):    19.91    0.334    12.72     40.51
     + ID2= 2 (  0205):     0.28    0.039    12.18     38.13
       ==========================================================
       ID = 1 (  0007):    20.19    0.345    12.28     40.47

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
--------------------------------------------------------------------------------
--------------------
| CALIB            |
| STANDHYD (  0208)|   Area     (ha)=   0.61
|ID= 1 DT= 1.0 min |   Total Imp(%)=  45.00   Dir. Conn.(%)=   0.01
--------------------

                              IMPERVIOUS    PERVIOUS (i)
      Surface Area     (ha)=       0.27         0.34
      Dep. Storage     (mm)=       1.00         5.00
      Average Slope     (%)=       1.00         2.00
      Length            (m)=       5.00        25.00
      Mannings n          =       0.013        0.250

         NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.

                          ---- TRANSFORMED HYETOGRAPH ----
   TIME     RAIN |  TIME     RAIN |  TIME     RAIN |  TIME     RAIN
    hrs    mm/hr |   hrs    mm/hr |   hrs    mm/hr |   hrs    mm/hr
  0.017     0.00 |  6.067    1.14 | 12.117   86.95 | 18.17     1.28
  0.033     0.00 |  6.083    1.14 | 12.133   86.95 | 18.18     1.28
  0.050     0.00 |  6.100    1.14 | 12.150   86.95 | 18.20     1.28
  0.067     0.00 |  6.117    1.14 | 12.167   86.95 | 18.22     1.28
  0.083     0.00 |  6.133    1.14 | 12.183   10.30 | 18.23     1.28
  0.100     0.00 |  6.150    1.14 | 12.200   10.23 | 18.25     1.28
  0.117     0.00 |  6.167    1.14 | 12.217   10.23 | 18.27     1.28
  0.133     0.00 |  6.183    1.28 | 12.233   10.23 | 18.28     1.28
  0.150     0.00 |  6.200    1.28 | 12.250   10.23 | 18.30     1.28
  0.167     0.00 |  6.217    1.28 | 12.267   10.23 | 18.32     1.28
  0.183     0.78 |  6.233    1.28 | 12.283   10.23 | 18.33     1.28
  0.200     0.78 |  6.250    1.28 | 12.300   10.23 | 18.35     1.28
  0.217     0.78 |  6.267    1.28 | 12.317   10.23 | 18.37     1.28
  0.233     0.78 |  6.283    1.28 | 12.333   10.23 | 18.38     1.28
  0.250     0.78 |  6.300    1.28 | 12.350   10.23 | 18.40     1.28
  0.267     0.78 |  6.317    1.28 | 12.367   10.23 | 18.42     1.28
  0.283     0.78 |  6.333    1.28 | 12.383   10.23 | 18.43     1.28
  0.300     0.78 |  6.350    1.28 | 12.400   10.23 | 18.45     1.28
  0.317     0.78 |  6.367    1.28 | 12.417   10.23 | 18.47     1.28
  0.333     0.78 |  6.383    1.28 | 12.433   10.23 | 18.48     1.28
  0.350     0.78 |  6.400    1.28 | 12.450   10.23 | 18.50     1.28
  0.367     0.78 |  6.417    1.28 | 12.467   10.23 | 18.52     1.28
  0.383     0.78 |  6.433    1.28 | 12.483   10.23 | 18.53     1.28
  0.400     0.78 |  6.450    1.28 | 12.500   10.23 | 18.55     1.28
  0.417     0.78 |  6.467    1.28 | 12.517   10.23 | 18.57     1.28
  0.433     0.78 |  6.483    1.28 | 12.533   10.23 | 18.58     1.28
  0.450     0.78 |  6.500    1.28 | 12.550   10.23 | 18.60     1.28
  0.467     0.78 |  6.517    1.28 | 12.567   10.23 | 18.62     1.28
  0.483     0.78 |  6.533    1.28 | 12.583   10.23 | 18.63     1.28
  0.500     0.78 |  6.550    1.28 | 12.600   10.23 | 18.65     1.28
  0.517     0.78 |  6.567    1.28 | 12.617   10.23 | 18.67     1.28
  0.533     0.78 |  6.583    1.28 | 12.633   10.23 | 18.68     1.28
  0.550     0.78 |  6.600    1.28 | 12.650   10.23 | 18.70     1.28
  0.567     0.78 |  6.617    1.28 | 12.667   10.23 | 18.72     1.28
  0.583     0.78 |  6.633    1.28 | 12.683    5.26 | 18.73     1.28
  0.600     0.78 |  6.650    1.28 | 12.700    5.26 | 18.75     1.28
  0.617     0.78 |  6.667    1.28 | 12.717    5.26 | 18.77     1.28
  0.633     0.78 |  6.683    1.28 | 12.733    5.26 | 18.78     1.28
  0.650     0.78 |  6.700    1.28 | 12.750    5.26 | 18.80     1.28
  0.667     0.78 |  6.717    1.28 | 12.767    5.26 | 18.82     1.28
  0.683     0.78 |  6.733    1.28 | 12.783    5.26 | 18.83     1.28
  0.700     0.78 |  6.750    1.28 | 12.800    5.26 | 18.85     1.28
  0.717     0.78 |  6.767    1.28 | 12.817    5.26 | 18.87     1.28
  0.733     0.78 |  6.783    1.28 | 12.833    5.26 | 18.88     1.28
  0.750     0.78 |  6.800    1.28 | 12.850    5.26 | 18.90     1.28
  0.767     0.78 |  6.817    1.28 | 12.867    5.26 | 18.92     1.28
  0.783     0.78 |  6.833    1.28 | 12.883    5.26 | 18.93     1.28
  0.800     0.78 |  6.850    1.28 | 12.900    5.26 | 18.95     1.28
  0.817     0.78 |  6.867    1.28 | 12.917    5.26 | 18.97     1.28
  0.833     0.78 |  6.883    1.28 | 12.933    5.26 | 18.98     1.28
  0.850     0.78 |  6.900    1.28 | 12.950    5.26 | 19.00     1.28
  0.867     0.78 |  6.917    1.28 | 12.967    5.26 | 19.02     1.28
  0.883     0.78 |  6.933    1.28 | 12.983    5.26 | 19.03     1.28
  0.900     0.78 |  6.950    1.28 | 13.000    5.26 | 19.05     1.28
  0.917     0.78 |  6.967    1.28 | 13.017    5.26 | 19.07     1.28
  0.933     0.78 |  6.983    1.28 | 13.033    5.26 | 19.08     1.28
  0.950     0.78 |  7.000    1.28 | 13.050    5.26 | 19.10     1.28
  0.967     0.78 |  7.017    1.28 | 13.067    5.26 | 19.12     1.28
  0.983     0.78 |  7.033    1.28 | 13.083    5.26 | 19.13     1.28
  1.000     0.78 |  7.050    1.28 | 13.100    5.26 | 19.15     1.28
  1.017     0.78 |  7.067    1.28 | 13.117    5.26 | 19.17     1.28
  1.033     0.78 |  7.083    1.28 | 13.133    5.26 | 19.18     1.28
  1.050     0.78 |  7.100    1.28 | 13.150    5.26 | 19.20     1.28
  1.067     0.78 |  7.117    1.28 | 13.167    5.26 | 19.22     1.28
  1.083     0.78 |  7.133    1.28 | 13.183    3.84 | 19.23     1.28
  1.100     0.78 |  7.150    1.28 | 13.200    3.84 | 19.25     1.28
  1.117     0.78 |  7.167    1.28 | 13.217    3.84 | 19.27     1.28
  1.133     0.78 |  7.183    1.56 | 13.233    3.84 | 19.28     1.28
  1.150     0.78 |  7.200    1.56 | 13.250    3.84 | 19.30     1.28
  1.167     0.78 |  7.217    1.56 | 13.267    3.84 | 19.32     1.28
  1.183     0.78 |  7.233    1.56 | 13.283    3.84 | 19.33     1.28
  1.200     0.78 |  7.250    1.56 | 13.300    3.84 | 19.35     1.28
  1.217     0.78 |  7.267    1.56 | 13.317    3.84 | 19.37     1.28
  1.233     0.78 |  7.283    1.56 | 13.333    3.84 | 19.38     1.28
  1.250     0.78 |  7.300    1.56 | 13.350    3.84 | 19.40     1.28
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5-yr 24hr SCS Type II

1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28
1.517	0.78	7.567	1.56	13.617	3.84	19.67	1.28
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85
2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85
3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85

5-yr 24hr SCS Type II

6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

Max.Eff.Inten.(mm/hr)=	86.95	120.53	
over (min)	5.00	6.00	
Storage Coeff. (min)=	0.45 (ii)	5.39 (ii)	
Unit Hyd. Tpeak (min)=	5.00	6.00	
Unit Hyd. peak (cms)=	0.54	0.20	
		TOTALS	
PEAK FLOW (cms)=	0.00	0.10	0.097 (iii)
TIME TO PEAK (hrs)=	12.13	12.18	12.18
RUNOFF VOLUME (mm)=	70.04	45.18	45.18
TOTAL RAINFALL (mm)=	71.04	71.04	71.04
RUNOFF COEFFICIENT =	0.99	0.64	0.64

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
STANDHYD (0209)	Area	(ha)=	0.06		
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)=	0.01	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.01	0.05
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.14	12.117	86.95	18.17	1.28
0.033	0.00	6.083	1.14	12.133	86.95	18.18	1.28
0.050	0.00	6.100	1.14	12.150	86.95	18.20	1.28
0.067	0.00	6.117	1.14	12.167	86.95	18.22	1.28
0.083	0.00	6.133	1.14	12.183	10.30	18.23	1.28
0.100	0.00	6.150	1.14	12.200	10.23	18.25	1.28
0.117	0.00	6.167	1.14	12.217	10.23	18.27	1.28
0.133	0.00	6.183	1.28	12.233	10.23	18.28	1.28
0.150	0.00	6.200	1.28	12.250	10.23	18.30	1.28
0.167	0.00	6.217	1.28	12.267	10.23	18.32	1.28
0.183	0.78	6.233	1.28	12.283	10.23	18.33	1.28
0.200	0.78	6.250	1.28	12.300	10.23	18.35	1.28
0.217	0.78	6.267	1.28	12.317	10.23	18.37	1.28
0.233	0.78	6.283	1.28	12.333	10.23	18.38	1.28
0.250	0.78	6.300	1.28	12.350	10.23	18.40	1.28
0.267	0.78	6.317	1.28	12.367	10.23	18.42	1.28
0.283	0.78	6.333	1.28	12.383	10.23	18.43	1.28
0.300	0.78	6.350	1.28	12.400	10.23	18.45	1.28
0.317	0.78	6.367	1.28	12.417	10.23	18.47	1.28
0.333	0.78	6.383	1.28	12.433	10.23	18.48	1.28
0.350	0.78	6.400	1.28	12.450	10.23	18.50	1.28
0.367	0.78	6.417	1.28	12.467	10.23	18.52	1.28
0.383	0.78	6.433	1.28	12.483	10.23	18.53	1.28
0.400	0.78	6.450	1.28	12.500	10.23	18.55	1.28
0.417	0.78	6.467	1.28	12.517	10.23	18.57	1.28
0.433	0.78	6.483	1.28	12.533	10.23	18.58	1.28
0.450	0.78	6.500	1.28	12.550	10.23	18.60	1.28
0.467	0.78	6.517	1.28	12.567	10.23	18.62	1.28
0.483	0.78	6.533	1.28	12.583	10.23	18.63	1.28
0.500	0.78	6.550	1.28	12.600	10.23	18.65	1.28
0.517	0.78	6.567	1.28	12.617	10.23	18.67	1.28
0.533	0.78	6.583	1.28	12.633	10.23	18.68	1.28
0.550	0.78	6.600	1.28	12.650	10.23	18.70	1.28
0.567	0.78	6.617	1.28	12.667	10.23	18.72	1.28
0.583	0.78	6.633	1.28	12.683	5.26	18.73	1.28
0.600	0.78	6.650	1.28	12.700	5.26	18.75	1.28
0.617	0.78	6.667	1.28	12.717	5.26	18.77	1.28
0.633	0.78	6.683	1.28	12.733	5.26	18.78	1.28
0.650	0.78	6.700	1.28	12.750	5.26	18.80	1.28
0.667	0.78	6.717	1.28	12.767	5.26	18.82	1.28
0.683	0.78	6.733	1.28	12.783	5.26	18.83	1.28
0.700	0.78	6.750	1.28	12.800	5.26	18.85	1.28
0.717	0.78	6.767	1.28	12.817	5.26	18.87	1.28
0.733	0.78	6.783	1.28	12.833	5.26	18.88	1.28
0.750	0.78	6.800	1.28	12.850	5.26	18.90	1.28
0.767	0.78	6.817	1.28	12.867	5.26	18.92	1.28
0.783	0.78	6.833	1.28	12.883	5.26	18.93	1.28
0.800	0.78	6.850	1.28	12.900	5.26	18.95	1.28
0.817	0.78	6.867	1.28	12.917	5.26	18.97	1.28
0.833	0.78	6.883	1.28	12.933	5.26	18.98	1.28
0.850	0.78	6.900	1.28	12.950	5.26	19.00	1.28
0.867	0.78	6.917	1.28	12.967	5.26	19.02	1.28
0.883	0.78	6.933	1.28	12.983	5.26	19.03	1.28
0.900	0.78	6.950	1.28	13.000	5.26	19.05	1.28
0.917	0.78	6.967	1.28	13.017	5.26	19.07	1.28
0.933	0.78	6.983	1.28	13.033	5.26	19.08	1.28
0.950	0.78	7.000	1.28	13.050	5.26	19.10	1.28
0.967	0.78	7.017	1.28	13.067	5.26	19.12	1.28
0.983	0.78	7.033	1.28	13.083	5.26	19.13	1.28
1.000	0.78	7.050	1.28	13.100	5.26	19.15	1.28
1.017	0.78	7.067	1.28	13.117	5.26	19.17	1.28
1.033	0.78	7.083	1.28	13.133	5.26	19.18	1.28
1.050	0.78	7.100	1.28	13.150	5.26	19.20	1.28
1.067	0.78	7.117	1.28	13.167	5.26	19.22	1.28
1.083	0.78	7.133	1.28	13.183	3.84	19.23	1.28
1.100	0.78	7.150	1.28	13.200	3.84	19.25	1.28
1.117	0.78	7.167	1.28	13.217	3.84	19.27	1.28
1.133	0.78	7.183	1.56	13.233	3.84	19.28	1.28
1.150	0.78	7.200	1.56	13.250	3.84	19.30	1.28
1.167	0.78	7.217	1.56	13.267	3.84	19.32	1.28
1.183	0.78	7.233	1.56	13.283	3.84	19.33	1.28
1.200	0.78	7.250	1.56	13.300	3.84	19.35	1.28
1.217	0.78	7.267	1.56	13.317	3.84	19.37	1.28
1.233	0.78	7.283	1.56	13.333	3.84	19.38	1.28
1.250	0.78	7.300	1.56	13.350	3.84	19.40	1.28
1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28
1.517	0.78	7.567	1.56	13.617	3.84	19.67	1.28
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85
2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85
3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85

5-yr 24hr SCS Type II

4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85	
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85	
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85	
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85	
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85	
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85	
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85	
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85	
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85	
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85	
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85	
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85	
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85	
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85	
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85	
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85	
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85	
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85	
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85	
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85	
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85	
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85	
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85	
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85	
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85	
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85	
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85	
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85	
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85	
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85	
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85	
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85	
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85	
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85	
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85	
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85	
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85	
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85	
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85	
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85	
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85	
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85	
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85	
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85	
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85	
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85	
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85	
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85	
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85	
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85	
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85	
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85	
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85	
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85	
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85	
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85	
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85	
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85	
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85	
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85	
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85	
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85	
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85	
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85	
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85	
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85	
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85	
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85	
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85	
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85	
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85	
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85	
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85	
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85	
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85	
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85	
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85	
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85	
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85	
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85	
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85	
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85	
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85	
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85	
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85	
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85	
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85	
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85	
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85	
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85	
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85	
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85	
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85	
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85	
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85	
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85	
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85	
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85	
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85	
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85	
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85	
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85	
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85	
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85	
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85	
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85	
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85	
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85	
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85	
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85	
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85	
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85	
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85	
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85	
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85	
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85	
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85	
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85	
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85	
6.033	1.14	12.083	86.95	18.133	1.28			
6.050	1.14	12.100	86.95	18.150	1.28			

Max.Eff.Inten.(mm/hr)=	86.95	78.13	
over (min)	5.00	3.00	
Storage Coeff. (min)=	0.45 (ii)	2.68 (ii)	
Unit Hyd. Tpeak (min)=	5.00	3.00	
Unit Hyd. peak (cms)=	0.55	0.40	
			TOTALS
PEAK FLOW (cms)=	0.00	0.01	0.010 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	70.04	39.40	39.38
TOTAL RAINFALL (mm)=	71.04	71.04	71.04
RUNOFF COEFFICIENT =	0.99	0.55	0.55

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
NASHYD (0201)	Area (ha)=	2.54	Curve Number (CN)= 79.0
ID= 1 DT= 1.0 min	Ia (mm)=	6.35	# of Linear Res.(N)= 3.00
	U.H. Tp(hrs)=	0.11	

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.14	12.117	86.95	18.17	1.28
0.033	0.00	6.083	1.14	12.133	86.95	18.18	1.28
0.050	0.00	6.100	1.14	12.150	86.95	18.20	1.28
0.067	0.00	6.117	1.14	12.167	86.95	18.22	1.28
0.083	0.00	6.133	1.14	12.183	10.30	18.23	1.28
0.100	0.00	6.150	1.14	12.200	10.23	18.25	1.28
0.117	0.00	6.167	1.14	12.217	10.23	18.27	1.28
0.133	0.00	6.183	1.28	12.233	10.23	18.28	1.28
0.150	0.00	6.200	1.28	12.250	10.23	18.30	1.28
0.167	0.00	6.217	1.28	12.267	10.23	18.32	1.28
0.183	0.78	6.233	1.28	12.283	10.23	18.33	1.28
0.200	0.78	6.250	1.28	12.300	10.23	18.35	1.28
0.217	0.78	6.267	1.28	12.317	10.23	18.37	1.28
0.233	0.78	6.283	1.28	12.333	10.23	18.38	1.28
0.250	0.78	6.300	1.28	12.350	10.23	18.40	1.28
0.267	0.78	6.317	1.28	12.367	10.23	18.42	1.28
0.283	0.78	6.333	1.28	12.383	10.23	18.43	1.28
0.300	0.78	6.350	1.28	12.400	10.23	18.45	1.28
0.317	0.78	6.367	1.28	12.417	10.23	18.47	1.28
0.333	0.78	6.383	1.28	12.433	10.23	18.48	1.28
0.350	0.78	6.400	1.28	12.450	10.23	18.50	1.28
0.367	0.78	6.417	1.28	12.467	10.23	18.52	1.28
0.383	0.78	6.433	1.28	12.483	10.23	18.53	1.28
0.400	0.78	6.450	1.28	12.500	10.23	18.55	1.28
0.417	0.78	6.467	1.28	12.517	10.23	18.57	1.28
0.433	0.78	6.483	1.28	12.533	10.23	18.58	1.28
0.450	0.78	6.500	1.28	12.550	10.23	18.60	1.28
0.467	0.78	6.517	1.28	12.567	10.23	18.62	1.28
0.483	0.78	6.533	1.28	12.583	10.23	18.63	1.28
0.500	0.78	6.550	1.28	12.600	10.23	18.65	1.28
0.517	0.78	6.567	1.28	12.617	10.23	18.67	1.28
0.533	0.78	6.583	1.28	12.633	10.23	18.68	1.28
0.550	0.78	6.600	1.28	12.650	10.23	18.70	1.28
0.567	0.78	6.617	1.28	12.667	10.23	18.72	1.28
0.583	0.78	6.633	1.28	12.683	5.26	18.73	1.28
0.600	0.78	6.650	1.28	12.700	5.26	18.75	1.28
0.617	0.78	6.667	1.28	12.717	5.26	18.77	1.28
0.633	0.78	6.683	1.28	12.733	5.26	18.78	1.28
0.650	0.78	6.700	1.28	12.750	5.26	18.80	1.28
0.667	0.78	6.717	1.28	12.767	5.26	18.82	1.28
0.683	0.78	6.733	1.28	12.783	5.26	18.83	1.28
0.700	0.78	6.750	1.28	12.800	5.26	18.85	1.28
0.717	0.78	6.767	1.28	12.817	5.26	18.87	1.28
0.733	0.78	6.783	1.28	12.833	5.26	18.88	1.28
0.750	0.78	6.800	1.28	12.850	5.26	18.90	1.28
0.767	0.78	6.817	1.28	12.867	5.26	18.92	1.28
0.783	0.78	6.833	1.28	12.883	5.26	18.93	1.28
0.800	0.78	6.850	1.28	12.900	5.26	18.95	1.28
0.817	0.78	6.867	1.28	12.917	5.26	18.97	1.28
0.833	0.78	6.883	1.28	12.933	5.26	18.98	1.28
0.850	0.78	6.900	1.28	12.950	5.26	19.00	1.28
0.867	0.78	6.917	1.28	12.967	5.26	19.02	1.28
0.883	0.78	6.933	1.28	12.983	5.26	19.03	1.28
0.900	0.78	6.950	1.28	13.000	5.26	19.05	1.28
0.917	0.78	6.967	1.28	13.017	5.26	19.07	1.28
0.933	0.78	6.983	1.28	13.033	5.26	19.08	1.28
0.950	0.78	7.000	1.28	13.050	5.26	19.10	1.28
0.967	0.78	7.017	1.28	13.067	5.26	19.12	1.28
0.983	0.78	7.033	1.28	13.083	5.26	19.13	1.28
1.000	0.78	7.050	1.28	13.100	5.26	19.15	1.28
1.017	0.78	7.067	1.28	13.117	5.26	19.17	1.28
1.033	0.78	7.083	1.28	13.133	5.26	19.18	1.28
1.050	0.78	7.100	1.28	13.150	5.26	19.20	1.28
1.067	0.78	7.117	1.28	13.167	5.26	19.22	1.28
1.083	0.78	7.133	1.28	13.183	3.84	19.23	1.28
1.100	0.78	7.150	1.28	13.200	3.84	19.25	1.28
1.117	0.78	7.167	1.28	13.217	3.84	19.27	1.28
1.133	0.78	7.183	1.56	13.233	3.84	19.28	1.28
1.150	0.78	7.200	1.56	13.250	3.84	19.30	1.28
1.167	0.78	7.217	1.56	13.267	3.84	19.32	1.28
1.183	0.78	7.233	1.56	13.283	3.84	19.33	1.28
1.200	0.78	7.250	1.56	13.300	3.84	19.35	1.28
1.217	0.78	7.267	1.56	13.317	3.84	19.37	1.28
1.233	0.78	7.283	1.56	13.333	3.84	19.38	1.28
1.250	0.78	7.300	1.56	13.350	3.84	19.40	1.28
1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28
1.517	0.78	7.567	1.56	13.617	3.84	19.67	1.28
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85

5-yr 24hr SCS Type II

2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85
3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85
6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

Unit Hyd Qpeak (cms)= 0.882

PEAK FLOW (cms)= 0.277 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 25.790
TOTAL RAINFALL (mm)= 71.041
RUNOFF COEFFICIENT = 0.363

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0202)	Area (ha)= 0.33		
ID= 1 DT= 1.0 min	Total Imp(%)= 70.00	Dir. Conn.(%)= 30.00	
	IMPERVIOUS	PERVIOUS (i)	
Surface Area	(ha)= 0.23	0.10	
Dep. Storage	(mm)= 1.00	5.00	
Average Slope	(%)= 1.00	2.00	
Length	(m)= 30.00	10.00	
Mannings n	= 0.013	0.250	

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.14	12.117	86.95	18.17	1.28
0.033	0.00	6.083	1.14	12.133	86.95	18.18	1.28
0.050	0.00	6.100	1.14	12.150	86.95	18.20	1.28
0.067	0.00	6.117	1.14	12.167	86.95	18.22	1.28
0.083	0.00	6.133	1.14	12.183	10.30	18.23	1.28
0.100	0.00	6.150	1.14	12.200	10.23	18.25	1.28
0.117	0.00	6.167	1.14	12.217	10.23	18.27	1.28
0.133	0.00	6.183	1.28	12.233	10.23	18.28	1.28
0.150	0.00	6.200	1.28	12.250	10.23	18.30	1.28
0.167	0.00	6.217	1.28	12.267	10.23	18.32	1.28
0.183	0.78	6.233	1.28	12.283	10.23	18.33	1.28
0.200	0.78	6.250	1.28	12.300	10.23	18.35	1.28
0.217	0.78	6.267	1.28	12.317	10.23	18.37	1.28
0.233	0.78	6.283	1.28	12.333	10.23	18.38	1.28
0.250	0.78	6.300	1.28	12.350	10.23	18.40	1.28
0.267	0.78	6.317	1.28	12.367	10.23	18.42	1.28
0.283	0.78	6.333	1.28	12.383	10.23	18.43	1.28
0.300	0.78	6.350	1.28	12.400	10.23	18.45	1.28
0.317	0.78	6.367	1.28	12.417	10.23	18.47	1.28
0.333	0.78	6.383	1.28	12.433	10.23	18.48	1.28
0.350	0.78	6.400	1.28	12.450	10.23	18.50	1.28
0.367	0.78	6.417	1.28	12.467	10.23	18.52	1.28

5-yr 24hr SCS Type II

0.383	0.78	6.433	1.28	12.483	10.23	18.53	1.28	
0.400	0.78	6.450	1.28	12.500	10.23	18.55	1.28	
0.417	0.78	6.467	1.28	12.517	10.23	18.57	1.28	
0.433	0.78	6.483	1.28	12.533	10.23	18.58	1.28	
0.450	0.78	6.500	1.28	12.550	10.23	18.60	1.28	
0.467	0.78	6.517	1.28	12.567	10.23	18.62	1.28	
0.483	0.78	6.533	1.28	12.583	10.23	18.63	1.28	
0.500	0.78	6.550	1.28	12.600	10.23	18.65	1.28	
0.517	0.78	6.567	1.28	12.617	10.23	18.67	1.28	
0.533	0.78	6.583	1.28	12.633	10.23	18.68	1.28	
0.550	0.78	6.600	1.28	12.650	10.23	18.70	1.28	
0.567	0.78	6.617	1.28	12.667	10.23	18.72	1.28	
0.583	0.78	6.633	1.28	12.683	5.26	18.73	1.28	
0.600	0.78	6.650	1.28	12.700	5.26	18.75	1.28	
0.617	0.78	6.667	1.28	12.717	5.26	18.77	1.28	
0.633	0.78	6.683	1.28	12.733	5.26	18.78	1.28	
0.650	0.78	6.700	1.28	12.750	5.26	18.80	1.28	
0.667	0.78	6.717	1.28	12.767	5.26	18.82	1.28	
0.683	0.78	6.733	1.28	12.783	5.26	18.83	1.28	
0.700	0.78	6.750	1.28	12.800	5.26	18.85	1.28	
0.717	0.78	6.767	1.28	12.817	5.26	18.87	1.28	
0.733	0.78	6.783	1.28	12.833	5.26	18.88	1.28	
0.750	0.78	6.800	1.28	12.850	5.26	18.90	1.28	
0.767	0.78	6.817	1.28	12.867	5.26	18.92	1.28	
0.783	0.78	6.833	1.28	12.883	5.26	18.93	1.28	
0.800	0.78	6.850	1.28	12.900	5.26	18.95	1.28	
0.817	0.78	6.867	1.28	12.917	5.26	18.97	1.28	
0.833	0.78	6.883	1.28	12.933	5.26	18.98	1.28	
0.850	0.78	6.900	1.28	12.950	5.26	19.00	1.28	
0.867	0.78	6.917	1.28	12.967	5.26	19.02	1.28	
0.883	0.78	6.933	1.28	12.983	5.26	19.03	1.28	
0.900	0.78	6.950	1.28	13.000	5.26	19.05	1.28	
0.917	0.78	6.967	1.28	13.017	5.26	19.07	1.28	
0.933	0.78	6.983	1.28	13.033	5.26	19.08	1.28	
0.950	0.78	7.000	1.28	13.050	5.26	19.10	1.28	
0.967	0.78	7.017	1.28	13.067	5.26	19.12	1.28	
0.983	0.78	7.033	1.28	13.083	5.26	19.13	1.28	
1.000	0.78	7.050	1.28	13.100	5.26	19.15	1.28	
1.017	0.78	7.067	1.28	13.117	5.26	19.17	1.28	
1.033	0.78	7.083	1.28	13.133	5.26	19.18	1.28	
1.050	0.78	7.100	1.28	13.150	5.26	19.20	1.28	
1.067	0.78	7.117	1.28	13.167	5.26	19.22	1.28	
1.083	0.78	7.133	1.28	13.183	3.84	19.23	1.28	
1.100	0.78	7.150	1.28	13.200	3.84	19.25	1.28	
1.117	0.78	7.167	1.28	13.217	3.84	19.27	1.28	
1.133	0.78	7.183	1.56	13.233	3.84	19.28	1.28	
1.150	0.78	7.200	1.56	13.250	3.84	19.30	1.28	
1.167	0.78	7.217	1.56	13.267	3.84	19.32	1.28	
1.183	0.78	7.233	1.56	13.283	3.84	19.33	1.28	
1.200	0.78	7.250	1.56	13.300	3.84	19.35	1.28	
1.217	0.78	7.267	1.56	13.317	3.84	19.37	1.28	
1.233	0.78	7.283	1.56	13.333	3.84	19.38	1.28	
1.250	0.78	7.300	1.56	13.350	3.84	19.40	1.28	
1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28	
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28	
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28	
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28	
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28	
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28	
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28	
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28	
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28	
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28	
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28	
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28	
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28	
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28	
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28	
1.517	0.78	7.567	1.56	13.617	3.84	19.67	1.28	
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28	
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28	
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28	
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28	
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28	
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28	
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28	
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28	
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28	
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28	
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28	
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28	
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28	
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28	
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28	
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28	
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28	
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28	
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28	
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28	
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28	
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28	
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28	
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28	
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28	
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28	
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28	
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28	
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28	
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28	
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86	
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85	
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85	
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85	
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85	
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85	
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85	
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85	
2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85	
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85	
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85	
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85	
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85	
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85	
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85	
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85	
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85	
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85	
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85	
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85	
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85	
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85	
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85	
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85	
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85	
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85	
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85	
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85	
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85	
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85	
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85	
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85	
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85	
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85	
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85	
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85	
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85	
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85	
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85	
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85	
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85	
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85	
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85	
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85	
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85	
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85	
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85	
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85	
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85	
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85	
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85	
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85	
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85	
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85	
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85	
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85	
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85	
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85	
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85	
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85	
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85	
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85	
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85	
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85	
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85	
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85	
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85	
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85	
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85	
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85	
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85	
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85	
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85	
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85	
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85	
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85	
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85	
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85	
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85	
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85	
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85	
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85	
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85	
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85	
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85	
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85	
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85	
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85	
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85	
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85	
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85	
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85	
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85	
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85	
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85	
3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85	
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85	
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85	
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85	
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85	
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85	
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85	
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85	
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85	
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85	
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85	
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85	
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85	
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85	
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85	
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85	
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85	
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85	
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85	
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85	
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85	
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85	
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85	
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85	
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85	
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85	
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85	
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85	
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85	
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85	
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85	
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85	
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85	
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85	
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85	
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85	
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85	
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85	
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85	
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85	
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85	
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85	
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85	
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85	
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85	
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85	
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85	
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85	
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85	
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85	
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85	
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85	
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85	
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85	
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85	
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85	
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85	
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85	
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85	
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85	
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85	
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85	
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85	
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85	
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85	
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85	
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85	
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85	
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85	
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85	
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85	
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85	
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85	
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85	
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85	
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85	
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85	
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85	
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85	
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85	
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85	
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85	
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85	
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85	
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85	
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85	
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85	
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85	
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85	
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85	
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85	
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85	

5-yr 24hr SCS Type II

5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85
6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

Max.Eff.Inten.(mm/hr)=		86.95	166.79
over (min)		5.00	5.00
Storage Coeff. (min)=		1.31 (ii)	4.56 (ii)
Unit Hyd. Tpeak (min)=		5.00	5.00
Unit Hyd. peak (cms)=		0.44	0.24
			TOTALS
PEAK FLOW	(cms)=	0.02	0.04	0.066 (iii)
TIME TO PEAK	(hrs)=	12.17	12.17	12.17
RUNOFF VOLUME	(mm)=	70.04	49.38	55.58
TOTAL RAINFALL	(mm)=	71.04	71.04	71.04
RUNOFF COEFFICIENT	=	0.99	0.70	0.78

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0210)	Area	(ha)=	0.10
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)=	0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.08
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	5.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME	RAIN	TIME	RAIN	TIME	RAIN	TIME	RAIN
hrs	mm/hr	hrs	mm/hr	hrs	mm/hr	hrs	mm/hr
0.017	0.00	6.067	1.14	12.117	86.95	18.17	1.28
0.033	0.00	6.083	1.14	12.133	86.95	18.18	1.28
0.050	0.00	6.100	1.14	12.150	86.95	18.20	1.28
0.067	0.00	6.117	1.14	12.167	86.95	18.22	1.28
0.083	0.00	6.133	1.14	12.183	10.30	18.23	1.28
0.100	0.00	6.150	1.14	12.200	10.23	18.25	1.28
0.117	0.00	6.167	1.14	12.217	10.23	18.27	1.28
0.133	0.00	6.183	1.28	12.233	10.23	18.28	1.28
0.150	0.00	6.200	1.28	12.250	10.23	18.30	1.28
0.167	0.00	6.217	1.28	12.267	10.23	18.32	1.28
0.183	0.78	6.233	1.28	12.283	10.23	18.33	1.28
0.200	0.78	6.250	1.28	12.300	10.23	18.35	1.28
0.217	0.78	6.267	1.28	12.317	10.23	18.37	1.28
0.233	0.78	6.283	1.28	12.333	10.23	18.38	1.28
0.250	0.78	6.300	1.28	12.350	10.23	18.40	1.28
0.267	0.78	6.317	1.28	12.367	10.23	18.42	1.28
0.283	0.78	6.333	1.28	12.383	10.23	18.43	1.28
0.300	0.78	6.350	1.28	12.400	10.23	18.45	1.28
0.317	0.78	6.367	1.28	12.417	10.23	18.47	1.28
0.333	0.78	6.383	1.28	12.433	10.23	18.48	1.28
0.350	0.78	6.400	1.28	12.450	10.23	18.50	1.28
0.367	0.78	6.417	1.28	12.467	10.23	18.52	1.28
0.383	0.78	6.433	1.28	12.483	10.23	18.53	1.28
0.400	0.78	6.450	1.28	12.500	10.23	18.55	1.28
0.417	0.78	6.467	1.28	12.517	10.23	18.57	1.28
0.433	0.78	6.483	1.28	12.533	10.23	18.58	1.28
0.450	0.78	6.500	1.28	12.550	10.23	18.60	1.28
0.467	0.78	6.517	1.28	12.567	10.23	18.62	1.28
0.483	0.78	6.533	1.28	12.583	10.23	18.63	1.28
0.500	0.78	6.550	1.28	12.600	10.23	18.65	1.28
0.517	0.78	6.567	1.28	12.617	10.23	18.67	1.28
0.533	0.78	6.583	1.28	12.633	10.23	18.68	1.28
0.550	0.78	6.600	1.28	12.650	10.23	18.70	1.28
0.567	0.78	6.617	1.28	12.667	10.23	18.72	1.28
0.583	0.78	6.633	1.28	12.683	5.26	18.73	1.28
0.600	0.78	6.650	1.28	12.700	5.26	18.75	1.28
0.617	0.78	6.667	1.28	12.717	5.26	18.77	1.28
0.633	0.78	6.683	1.28	12.733	5.26	18.78	1.28
0.650	0.78	6.700	1.28	12.750	5.26	18.80	1.28
0.667	0.78	6.717	1.28	12.767	5.26	18.82	1.28
0.683	0.78	6.733	1.28	12.783	5.26	18.83	1.28
0.700	0.78	6.750	1.28	12.800	5.26	18.85	1.28
0.717	0.78	6.767	1.28	12.817	5.26	18.87	1.28
0.733	0.78	6.783	1.28	12.833	5.26	18.88	1.28
0.750	0.78	6.800	1.28	12.850	5.26	18.90	1.28
0.767	0.78	6.817	1.28	12.867	5.26	18.92	1.28
0.783	0.78	6.833	1.28	12.883	5.26	18.93	1.28
0.800	0.78	6.850	1.28	12.900	5.26	18.95	1.28
0.817	0.78	6.867	1.28	12.917	5.26	18.97	1.28
0.833	0.78	6.883	1.28	12.933	5.26	18.98	1.28
0.850	0.78	6.900	1.28	12.950	5.26	19.00	1.28
0.867	0.78	6.917	1.28	12.967	5.26	19.02	1.28
0.883	0.78	6.933	1.28	12.983	5.26	19.03	1.28
0.900	0.78	6.950	1.28	13.000	5.26	19.05	1.28
0.917	0.78	6.967	1.28	13.017	5.26	19.07	1.28
0.933	0.78	6.983	1.28	13.033	5.26	19.08	1.28
0.950	0.78	7.000	1.28	13.050	5.26	19.10	1.28
0.967	0.78	7.017	1.28	13.067	5.26	19.12	1.28
0.983	0.78	7.033	1.28	13.083	5.26	19.13	1.28
1.000	0.78	7.050	1.28	13.100	5.26	19.15	1.28
1.017	0.78	7.067	1.28	13.117	5.26	19.17	1.28
1.033	0.78	7.083	1.28	13.133	5.26	19.18	1.28
1.050	0.78	7.100	1.28	13.150	5.26	19.20	1.28
1.067	0.78	7.117	1.28	13.167	5.26	19.22	1.28
1.083	0.78	7.133	1.28	13.183	3.84	19.23	1.28
1.100	0.78	7.150	1.28	13.200	3.84	19.25	1.28
1.117	0.78	7.167	1.28	13.217	3.84	19.27	1.28
1.133	0.78	7.183	1.56	13.233	3.84	19.28	1.28
1.150	0.78	7.200	1.56	13.250	3.84	19.30	1.28
1.167	0.78	7.217	1.56	13.267	3.84	19.32	1.28
1.183	0.78	7.233	1.56	13.283	3.84	19.33	1.28
1.200	0.78	7.250	1.56	13.300	3.84	19.35	1.28
1.217	0.78	7.267	1.56	13.317	3.84	19.37	1.28
1.233	0.78	7.283	1.56	13.333	3.84	19.38	1.28
1.250	0.78	7.300	1.56	13.350	3.84	19.40	1.28
1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28
1.517	0.78	7.567	1.56	13.617	3.84	19.67	1.28
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85
2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85

5-yr 24hr SCS Type II

3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85
3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85
6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

Max.Eff.Inten.(mm/hr)=	86.95	78.13	
over (min)	5.00	3.00	
Storage Coeff. (min)=	0.45 (ii)	2.15 (ii)	
Unit Hyd. Tpeak (min)=	5.00	3.00	
Unit Hyd. peak (cms)=	0.55	0.46	
			TOTALS
PEAK FLOW (cms)=	0.00	0.02	0.017 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	70.04	39.40	39.39
TOTAL RAINFALL (mm)=	71.04	71.04	71.04
RUNOFF COEFFICIENT =	0.99	0.55	0.55

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0015)		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0201):		2.54	0.277	12.20	25.79
+ ID2= 2 (0202):		0.33	0.066	12.17	55.58
ID = 3 (0015):		2.87	0.338	12.18	34.40

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0015)		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
ID1= 3 (0015):		2.87	0.338	12.18	34.40
+ ID2= 2 (0210):		0.10	0.017	12.17	39.39
ID = 1 (0015):		2.97	0.353	12.18	34.57

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB				
STANDHYD (0206)		Area (ha)=	0.13	
ID= 1 DT= 1.0 min		Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.14	12.117	86.95	18.17	1.28
0.033	0.00	6.083	1.14	12.133	86.95	18.18	1.28
0.050	0.00	6.100	1.14	12.150	86.95	18.20	1.28
0.067	0.00	6.117	1.14	12.167	86.95	18.22	1.28
0.083	0.00	6.133	1.14	12.183	10.30	18.23	1.28
0.100	0.00	6.150	1.14	12.200	10.23	18.25	1.28
0.117	0.00	6.167	1.14	12.217	10.23	18.27	1.28
0.133	0.00	6.183	1.28	12.233	10.23	18.28	1.28
0.150	0.00	6.200	1.28	12.250	10.23	18.30	1.28
0.167	0.00	6.217	1.28	12.267	10.23	18.32	1.28
0.183	0.78	6.233	1.28	12.283	10.23	18.33	1.28
0.200	0.78	6.250	1.28	12.300	10.23	18.35	1.28
0.217	0.78	6.267	1.28	12.317	10.23	18.37	1.28
0.233	0.78	6.283	1.28	12.333	10.23	18.38	1.28
0.250	0.78	6.300	1.28	12.350	10.23	18.40	1.28
0.267	0.78	6.317	1.28	12.367	10.23	18.42	1.28
0.283	0.78	6.333	1.28	12.383	10.23	18.43	1.28
0.300	0.78	6.350	1.28	12.400	10.23	18.45	1.28
0.317	0.78	6.367	1.28	12.417	10.23	18.47	1.28
0.333	0.78	6.383	1.28	12.433	10.23	18.48	1.28
0.350	0.78	6.400	1.28	12.450	10.23	18.50	1.28
0.367	0.78	6.417	1.28	12.467	10.23	18.52	1.28
0.383	0.78	6.433	1.28	12.483	10.23	18.53	1.28
0.400	0.78	6.450	1.28	12.500	10.23	18.55	1.28
0.417	0.78	6.467	1.28	12.517	10.23	18.57	1.28
0.433	0.78	6.483	1.28	12.533	10.23	18.58	1.28
0.450	0.78	6.500	1.28	12.550	10.23	18.60	1.28
0.467	0.78	6.517	1.28	12.567	10.23	18.62	1.28
0.483	0.78	6.533	1.28	12.583	10.23	18.63	1.28
0.500	0.78	6.550	1.28	12.600	10.23	18.65	1.28
0.517	0.78	6.567	1.28	12.617	10.23	18.67	1.28
0.533	0.78	6.583	1.28	12.633	10.23	18.68	1.28
0.550	0.78	6.600	1.28	12.650	10.23	18.70	1.28
0.567	0.78	6.617	1.28	12.667	10.23	18.72	1.28
0.583	0.78	6.633	1.28	12.683	5.26	18.73	1.28
0.600	0.78	6.650	1.28	12.700	5.26	18.75	1.28
0.617	0.78	6.667	1.28	12.717	5.26	18.77	1.28
0.633	0.78	6.683	1.28	12.733	5.26	18.78	1.28
0.650	0.78	6.700	1.28	12.750	5.26	18.80	1.28
0.667	0.78	6.717	1.28	12.767	5.26	18.82	1.28
0.683	0.78	6.733	1.28	12.783	5.26	18.83	1.28
0.700	0.78	6.750	1.28	12.800	5.26	18.85	1.28
0.717	0.78	6.767	1.28	12.817	5.26	18.87	1.28
0.733	0.78	6.783	1.28	12.833	5.26	18.88	1.28
0.750	0.78	6.800	1.28	12.850	5.26	18.90	1.28
0.767	0.78	6.817	1.28	12.867	5.26	18.92	1.28
0.783	0.78	6.833	1.28	12.883	5.26	18.93	1.28
0.800	0.78	6.850	1.28	12.900	5.26	18.95	1.28
0.817	0.78	6.867	1.28	12.917	5.26	18.97	1.28

5-yr 24hr SCS Type II

0.833	0.78	6.883	1.28	12.933	5.26	18.98	1.28
0.850	0.78	6.900	1.28	12.950	5.26	19.00	1.28
0.867	0.78	6.917	1.28	12.967	5.26	19.02	1.28
0.883	0.78	6.933	1.28	12.983	5.26	19.03	1.28
0.900	0.78	6.950	1.28	13.000	5.26	19.05	1.28
0.917	0.78	6.967	1.28	13.017	5.26	19.07	1.28
0.933	0.78	6.983	1.28	13.033	5.26	19.08	1.28
0.950	0.78	7.000	1.28	13.050	5.26	19.10	1.28
0.967	0.78	7.017	1.28	13.067	5.26	19.12	1.28
0.983	0.78	7.033	1.28	13.083	5.26	19.13	1.28
1.000	0.78	7.050	1.28	13.100	5.26	19.15	1.28
1.017	0.78	7.067	1.28	13.117	5.26	19.17	1.28
1.033	0.78	7.083	1.28	13.133	5.26	19.18	1.28
1.050	0.78	7.100	1.28	13.150	5.26	19.20	1.28
1.067	0.78	7.117	1.28	13.167	5.26	19.22	1.28
1.083	0.78	7.133	1.28	13.183	3.84	19.23	1.28
1.100	0.78	7.150	1.28	13.200	3.84	19.25	1.28
1.117	0.78	7.167	1.28	13.217	3.84	19.27	1.28
1.133	0.78	7.183	1.56	13.233	3.84	19.28	1.28
1.150	0.78	7.200	1.56	13.250	3.84	19.30	1.28
1.167	0.78	7.217	1.56	13.267	3.84	19.32	1.28
1.183	0.78	7.233	1.56	13.283	3.84	19.33	1.28
1.200	0.78	7.250	1.56	13.300	3.84	19.35	1.28
1.217	0.78	7.267	1.56	13.317	3.84	19.37	1.28
1.233	0.78	7.283	1.56	13.333	3.84	19.38	1.28
1.250	0.78	7.300	1.56	13.350	3.84	19.40	1.28
1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28
1.517	0.78	7.567	1.56	13.617	3.84	19.67	1.28
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85
2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85
3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85

5-yr 24hr SCS Type II

5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.02	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85
6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

Max.Eff.Inten.(mm/hr)=	86.95	78.13	
over (min)	5.00	5.00	
Storage Coeff. (min)=	0.45 (ii)	4.77 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.55	0.23	
		TOTALS	
PEAK FLOW (cms)=	0.00	0.02	0.019 (iii)
TIME TO PEAK (hrs)=	12.12	12.18	12.18
RUNOFF VOLUME (mm)=	70.04	39.40	39.38
TOTAL RAINFALL (mm)=	71.04	71.04	71.04
RUNOFF COEFFICIENT =	0.99	0.55	0.55

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB							
STANDHYD (0207)	Area (ha)=	0.25					
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)=	0.01			

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.19
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.14	12.117	86.95	18.17	1.28
0.033	0.00	6.083	1.14	12.133	86.95	18.18	1.28
0.050	0.00	6.100	1.14	12.150	86.95	18.20	1.28
0.067	0.00	6.117	1.14	12.167	86.95	18.22	1.28
0.083	0.00	6.133	1.14	12.183	10.30	18.23	1.28
0.100	0.00	6.150	1.14	12.200	10.23	18.25	1.28
0.117	0.00	6.167	1.14	12.217	10.23	18.27	1.28
0.133	0.00	6.183	1.28	12.233	10.23	18.28	1.28
0.150	0.00	6.200	1.28	12.250	10.23	18.30	1.28
0.167	0.00	6.217	1.28	12.267	10.23	18.32	1.28
0.183	0.78	6.233	1.28	12.283	10.23	18.33	1.28
0.200	0.78	6.250	1.28	12.300	10.23	18.35	1.28
0.217	0.78	6.267	1.28	12.317	10.23	18.37	1.28
0.233	0.78	6.283	1.28	12.333	10.23	18.38	1.28
0.250	0.78	6.300	1.28	12.350	10.23	18.40	1.28
0.267	0.78	6.317	1.28	12.367	10.23	18.42	1.28
0.283	0.78	6.333	1.28	12.383	10.23	18.43	1.28
0.300	0.78	6.350	1.28	12.400	10.23	18.45	1.28
0.317	0.78	6.367	1.28	12.417	10.23	18.47	1.28
0.333	0.78	6.383	1.28	12.433	10.23	18.48	1.28
0.350	0.78	6.400	1.28	12.450	10.23	18.50	1.28
0.367	0.78	6.417	1.28	12.467	10.23	18.52	1.28
0.383	0.78	6.433	1.28	12.483	10.23	18.53	1.28
0.400	0.78	6.450	1.28	12.500	10.23	18.55	1.28
0.417	0.78	6.467	1.28	12.517	10.23	18.57	1.28
0.433	0.78	6.483	1.28	12.533	10.23	18.58	1.28
0.450	0.78	6.500	1.28	12.550	10.23	18.60	1.28
0.467	0.78	6.517	1.28	12.567	10.23	18.62	1.28
0.483	0.78	6.533	1.28	12.583	10.23	18.63	1.28
0.500	0.78	6.550	1.28	12.600	10.23	18.65	1.28
0.517	0.78	6.567	1.28	12.617	10.23	18.67	1.28
0.533	0.78	6.583	1.28	12.633	10.23	18.68	1.28
0.550	0.78	6.600	1.28	12.650	10.23	18.70	1.28
0.567	0.78	6.617	1.28	12.667	10.23	18.72	1.28
0.583	0.78	6.633	1.28	12.683	5.26	18.73	1.28
0.600	0.78	6.650	1.28	12.700	5.26	18.75	1.28
0.617	0.78	6.667	1.28	12.717	5.26	18.77	1.28
0.633	0.78	6.683	1.28	12.733	5.26	18.78	1.28
0.650	0.78	6.700	1.28	12.750	5.26	18.80	1.28
0.667	0.78	6.717	1.28	12.767	5.26	18.82	1.28
0.683	0.78	6.733	1.28	12.783	5.26	18.83	1.28
0.700	0.78	6.750	1.28	12.800	5.26	18.85	1.28
0.717	0.78	6.767	1.28	12.817	5.26	18.87	1.28
0.733	0.78	6.783	1.28	12.833	5.26	18.88	1.28
0.750	0.78	6.800	1.28	12.850	5.26	18.90	1.28
0.767	0.78	6.817	1.28	12.867	5.26	18.92	1.28
0.783	0.78	6.833	1.28	12.883	5.26	18.93	1.28
0.800	0.78	6.850	1.28	12.900	5.26	18.95	1.28
0.817	0.78	6.867	1.28	12.917	5.26	18.97	1.28
0.833	0.78	6.883	1.28	12.933	5.26	18.98	1.28
0.850	0.78	6.900	1.28	12.950	5.26	19.00	1.28
0.867	0.78	6.917	1.28	12.967	5.26	19.02	1.28
0.883	0.78	6.933	1.28	12.983	5.26	19.03	1.28
0.900	0.78	6.950	1.28	13.000	5.26	19.05	1.28
0.917	0.78	6.967	1.28	13.017	5.26	19.07	1.28
0.933	0.78	6.983	1.28	13.033	5.26	19.08	1.28
0.950	0.78	7.000	1.28	13.050	5.26	19.10	1.28
0.967	0.78	7.017	1.28	13.067	5.26	19.12	1.28
0.983	0.78	7.033	1.28	13.083	5.26	19.13	1.28
1.000	0.78	7.050	1.28	13.100	5.26	19.15	1.28
1.017	0.78	7.067	1.28	13.117	5.26	19.17	1.28
1.033	0.78	7.083	1.28	13.133	5.26	19.18	1.28
1.050	0.78	7.100	1.28	13.150	5.26	19.20	1.28
1.067	0.78	7.117	1.28	13.167	5.26	19.22	1.28
1.083	0.78	7.133	1.28	13.183	3.84	19.23	1.28
1.100	0.78	7.150	1.28	13.200	3.84	19.25	1.28
1.117	0.78	7.167	1.28	13.217	3.84	19.27	1.28
1.133	0.78	7.183	1.56	13.233	3.84	19.28	1.28
1.150	0.78	7.200	1.56	13.250	3.84	19.30	1.28
1.167	0.78	7.217	1.56	13.267	3.84	19.32	1.28
1.183	0.78	7.233	1.56	13.283	3.84	19.33	1.28
1.200	0.78	7.250	1.56	13.300	3.84	19.35	1.28
1.217	0.78	7.267	1.56	13.317	3.84	19.37	1.28
1.233	0.78	7.283	1.56	13.333	3.84	19.38	1.28
1.250	0.78	7.300	1.56	13.350	3.84	19.40	1.28
1.267	0.78	7.317	1.56	13.367	3.84	19.42	1.28
1.283	0.78	7.333	1.56	13.383	3.84	19.43	1.28
1.300	0.78	7.350	1.56	13.400	3.84	19.45	1.28
1.317	0.78	7.367	1.56	13.417	3.84	19.47	1.28
1.333	0.78	7.383	1.56	13.433	3.84	19.48	1.28
1.350	0.78	7.400	1.56	13.450	3.84	19.50	1.28
1.367	0.78	7.417	1.56	13.467	3.84	19.52	1.28
1.383	0.78	7.433	1.56	13.483	3.84	19.53	1.28
1.400	0.78	7.450	1.56	13.500	3.84	19.55	1.28
1.417	0.78	7.467	1.56	13.517	3.84	19.57	1.28
1.433	0.78	7.483	1.56	13.533	3.84	19.58	1.28
1.450	0.78	7.500	1.56	13.550	3.84	19.60	1.28
1.467	0.78	7.517	1.56	13.567	3.84	19.62	1.28
1.483	0.78	7.533	1.56	13.583	3.84	19.63	1.28
1.500	0.78	7.550	1.56	13.600	3.84	19.65	1.28
1.517	0.78	7.567	1.56	13.617	3.84	19.67	1.28
1.533	0.78	7.583	1.56	13.633	3.84	19.68	1.28
1.550	0.78	7.600	1.56	13.650	3.84	19.70	1.28
1.567	0.78	7.617	1.56	13.667	3.84	19.72	1.28
1.583	0.78	7.633	1.56	13.683	2.99	19.73	1.28
1.600	0.78	7.650	1.56	13.700	2.98	19.75	1.28
1.617	0.78	7.667	1.56	13.717	2.98	19.77	1.28
1.633	0.78	7.683	1.56	13.733	2.98	19.78	1.28
1.650	0.78	7.700	1.56	13.750	2.98	19.80	1.28
1.667	0.78	7.717	1.56	13.767	2.98	19.82	1.28
1.683	0.78	7.733	1.56	13.783	2.98	19.83	1.28
1.700	0.78	7.750	1.56	13.800	2.98	19.85	1.28
1.717	0.78	7.767	1.56	13.817	2.98	19.87	1.28
1.733	0.78	7.783	1.56	13.833	2.98	19.88	1.28
1.750	0.78	7.800	1.56	13.850	2.98	19.90	1.28
1.767	0.78	7.817	1.56	13.867	2.98	19.92	1.28
1.783	0.78	7.833	1.56	13.883	2.98	19.93	1.28
1.800	0.78	7.850	1.56	13.900	2.98	19.95	1.28
1.817	0.78	7.867	1.56	13.917	2.98	19.97	1.28
1.833	0.78	7.883	1.56	13.933	2.98	19.98	1.28
1.850	0.78	7.900	1.56	13.950	2.98	20.00	1.28
1.867	0.78	7.917	1.56	13.967	2.98	20.02	1.28
1.883	0.78	7.933	1.56	13.983	2.98	20.03	1.28
1.900	0.78	7.950	1.56	14.000	2.98	20.05	1.28
1.917	0.78	7.967	1.56	14.017	2.98	20.07	1.28
1.933	0.78	7.983	1.56	14.033	2.98	20.08	1.28
1.950	0.78	8.000	1.56	14.050	2.98	20.10	1.28
1.967	0.78	8.017	1.56	14.067	2.98	20.12	1.28
1.983	0.78	8.033	1.56	14.083	2.98	20.13	1.28
2.000	0.78	8.050	1.56	14.100	2.98	20.15	1.28
2.017	0.78	8.067	1.56	14.117	2.98	20.17	1.28
2.033	0.78	8.083	1.56	14.133	2.98	20.18	0.86
2.050	0.78	8.100	1.56	14.150	2.98	20.20	0.85
2.067	0.78	8.117	1.56	14.167	2.98	20.22	0.85
2.083	0.78	8.133	1.56	14.183	2.13	20.23	0.85
2.100	0.78	8.150	1.56	14.200	2.13	20.25	0.85
2.117	0.78	8.167	1.56	14.217	2.13	20.27	0.85
2.133	0.78	8.183	1.85	14.233	2.13	20.28	0.85
2.150	0.78	8.200	1.85	14.250	2.13	20.30	0.85
2.167	0.78	8.217	1.85	14.267	2.13	20.32	0.85
2.183	0.92	8.233	1.85	14.283	2.13	20.33	0.85
2.200	0.92	8.250	1.85	14.300	2.13	20.35	0.85
2.217	0.92	8.267	1.85	14.317	2.13	20.37	0.85
2.233	0.92	8.283	1.85	14.333	2.13	20.38	0.85
2.250	0.92	8.300	1.85	14.350	2.13	20.40	0.85
2.267	0.92	8.317	1.85	14.367	2.13	20.42	0.85
2.283	0.92	8.333	1.85	14.383	2.13	20.43	0.85
2.300	0.92	8.350	1.85	14.400	2.13	20.45	0.85
2.317	0.92	8.367	1.85	14.417	2.13	20.47	0.85
2.333	0.92	8.383	1.85	14.433	2.13	20.48	0.85
2.350	0.92	8.400	1.85	14.450	2.13	20.50	0.85
2.367	0.92	8.417	1.85	14.467	2.13	20.52	0.85
2.383	0.92	8.433	1.85	14.483	2.13	20.53	0.85
2.400	0.92	8.450	1.85	14.500	2.13	20.55	0.85
2.417	0.92	8.467	1.85	14.517	2.13	20.57	0.85
2.433	0.92	8.483	1.85	14.533	2.13	20.58	0.85
2.450	0.92	8.500	1.85	14.550	2.13	20.60	0.85
2.467	0.92	8.517	1.85	14.567	2.13	20.62	0.85
2.483	0.92	8.533	1.85	14.583	2.13	20.63	0.85
2.500	0.92	8.550	1.85	14.600	2.13	20.65	0.85
2.517	0.92	8.567	1.85	14.617	2.13	20.67	0.85
2.533	0.92	8.583	1.85	14.633	2.13	20.68	0.85
2.550	0.92	8.600	1.85	14.650	2.13	20.70	0.85
2.567	0.92	8.617	1.85	14.667	2.13	20.72	0.85
2.583	0.92	8.633	1.85	14.683	2.13	20.73	0.85
2.600	0.92	8.650	1.85	14.700	2.13	20.75	0.85
2.617	0.92	8.667	1.85	14.717	2.13	20.77	0.85
2.633	0.92	8.683	1.99	14.733	2.13	20.78	0.85
2.650	0.92	8.700	1.99	14.750	2.13	20.80	0.85
2.667	0.92	8.717	1.99	14.767	2.13	20.82	0.85
2.683	0.92	8.733	1.99	14.783	2.13	20.83	0.85
2.700	0.92	8.750	1.99	14.800	2.13	20.85	0.85
2.717	0.92	8.767	1.99	14.817	2.13	20.87	0.85
2.733	0.92	8.783	1.99	14.833	2.13	20.88	0.85
2.750	0.92	8.800	1.99	14.850	2.13	20.90	0.85
2.767	0.92	8.817	1.99	14.867	2.13	20.92	0.85
2.783	0.92	8.833	1.99	14.883	2.13	20.93	0.85
2.800	0.92	8.850	1.99	14.900	2.13	20.95	0.85
2.817	0.92	8.867	1.99	14.917	2.13	20.97	0.85
2.833	0.92	8.883	1.99	14.933	2.13	20.98	0.85
2.850	0.92	8.900	1.99	14.950	2.13	21.00	0.85
2.867	0.92	8.917	1.99	14.967	2.13	21.02	0.85
2.883	0.92	8.933	1.99	14.983	2.13	21.03	0.85
2.900	0.92	8.950	1.99	15.000	2.13	21.05	0.85
2.917	0.92	8.967	1.99	15.017	2.13	21.07	0.85
2.933	0.92	8.983	1.99	15.033	2.13	21.08	0.85
2.950	0.92	9.000	1.99	15.050	2.13	21.10	0.85
2.967	0.92	9.017	1.99	15.067	2.13	21.12	0.85
2.983	0.92	9.033	1.99	15.083	2.13	21.13	0.85
3.000	0.92	9.050	1.99	15.100	2.13	21.15	0.85
3.017	0.92	9.067	1.99	15.117	2.13	21.17	0.85
3.033	0.92	9.083	1.99	15.133	2.13	21.18	0.85
3.050	0.92	9.100	1.99	15.150	2.13	21.20	0.85
3.067	0.92	9.117	1.99	15.167	2.13	21.22	0.85
3.083	0.92	9.133	1.99	15.183	2.13	21.23	0.85
3.100	0.92	9.150	1.99	15.200	2.13	21.25	0.85
3.117	0.92	9.167	1.99	15.217	2.13	21.27	0.85
3.133	0.92	9.183	2.27	15.233	2.13	21.28	0.85
3.150	0.92	9.200	2.27	15.250	2.13	21.30	0.85
3.167	0.92	9.217	2.27	15.267	2.13	21.32	0.85
3.183	0.92	9.233	2.27	15.283	2.13	21.33	0.85
3.200	0.92	9.250	2.27	15.300	2.13	21.35	0.85
3.217	0.92	9.267	2.27	15.317	2.13	21.37	0.85
3.233	0.92	9.283	2.27	15.333	2.13	21.38	0.85
3.250	0.92	9.300	2.27	15.350	2.13	21.40	0.85
3.267	0.92	9.317	2.27	15.367	2.13	21.42	0.85
3.283	0.92	9.333	2.27	15.383	2.13	21.43	0.85
3.300	0.92	9.350	2.27	15.400	2.13	21.45	0.85
3.317	0.92	9.367	2.27	15.417	2.13	21.47	0.85
3.333	0.92	9.383	2.27	15.433	2.13	21.48	0.85
3.350	0.92	9.400	2.27	15.450	2.13	21.50	0.85
3.367	0.92	9.417	2.27	15.467	2.13	21.52	0.85
3.383	0.92	9.433	2.27	15.483	2.13	21.53	0.85
3.400	0.92	9.450	2.27	15.500	2.13	21.55	0.85
3.417	0.92	9.467	2.27	15.517	2.13	21.57	0.85
3.433	0.92	9.483	2.27	15.533	2.13	21.58	0.85
3.450	0.92	9.500	2.27	15.550	2.13	21.60	0.85
3.467	0.92	9.517	2.27	15.567	2.13	21.62	0.85
3.483	0.92	9.533	2.27	15.583	2.13	21.63	0.85
3.500	0.92	9.550	2.27	15.600	2.13	21.65	0.85
3.517	0.92	9.567	2.27	15.617	2.13	21.67	0.85
3.533	0.92	9.583	2.27	15.633	2.13	21.68	0.85
3.550	0.92	9.600	2.27	15.650	2.13	21.70	0.85
3.567	0.92	9.617	2.27	15.667	2.13	21.72	0.85
3.583	0.92	9.633	2.27	15.683	2.13	21.73	0.85
3.600	0.92	9.650	2.27	15.700	2.13	21.75	0.85

5-yr 24hr SCS Type II

3.617	0.92	9.667	2.27	15.717	2.13	21.77	0.85
3.633	0.92	9.683	2.56	15.733	2.13	21.78	0.85
3.650	0.92	9.700	2.56	15.750	2.13	21.80	0.85
3.667	0.92	9.717	2.56	15.767	2.13	21.82	0.85
3.683	0.92	9.733	2.56	15.783	2.13	21.83	0.85
3.700	0.92	9.750	2.56	15.800	2.13	21.85	0.85
3.717	0.92	9.767	2.56	15.817	2.13	21.87	0.85
3.733	0.92	9.783	2.56	15.833	2.13	21.88	0.85
3.750	0.92	9.800	2.56	15.850	2.13	21.90	0.85
3.767	0.92	9.817	2.56	15.867	2.13	21.92	0.85
3.783	0.92	9.833	2.56	15.883	2.13	21.93	0.85
3.800	0.92	9.850	2.56	15.900	2.13	21.95	0.85
3.817	0.92	9.867	2.56	15.917	2.13	21.97	0.85
3.833	0.92	9.883	2.56	15.933	2.13	21.98	0.85
3.850	0.92	9.900	2.56	15.950	2.13	22.00	0.85
3.867	0.92	9.917	2.56	15.967	2.13	22.02	0.85
3.883	0.92	9.933	2.56	15.983	2.13	22.03	0.85
3.900	0.92	9.950	2.56	16.000	2.13	22.05	0.85
3.917	0.92	9.967	2.56	16.017	2.13	22.07	0.85
3.933	0.92	9.983	2.56	16.033	2.13	22.08	0.85
3.950	0.92	10.000	2.56	16.050	2.13	22.10	0.85
3.967	0.92	10.017	2.56	16.067	2.13	22.12	0.85
3.983	0.92	10.033	2.56	16.083	2.13	22.13	0.85
4.000	0.92	10.050	2.56	16.100	2.13	22.15	0.85
4.017	0.92	10.067	2.56	16.117	2.13	22.17	0.85
4.033	0.92	10.083	2.56	16.133	2.13	22.18	0.85
4.050	0.92	10.100	2.56	16.150	2.13	22.20	0.85
4.067	0.92	10.117	2.56	16.167	2.13	22.22	0.85
4.083	0.92	10.133	2.56	16.183	1.28	22.23	0.85
4.100	0.92	10.150	2.56	16.200	1.28	22.25	0.85
4.117	0.92	10.167	2.56	16.217	1.28	22.27	0.85
4.133	0.92	10.183	3.27	16.233	1.28	22.28	0.85
4.150	0.92	10.200	3.27	16.250	1.28	22.30	0.85
4.167	0.92	10.217	3.27	16.267	1.28	22.32	0.85
4.183	1.14	10.233	3.27	16.283	1.28	22.33	0.85
4.200	1.14	10.250	3.27	16.300	1.28	22.35	0.85
4.217	1.14	10.267	3.27	16.317	1.28	22.37	0.85
4.233	1.14	10.283	3.27	16.333	1.28	22.38	0.85
4.250	1.14	10.300	3.27	16.350	1.28	22.40	0.85
4.267	1.14	10.317	3.27	16.367	1.28	22.42	0.85
4.283	1.14	10.333	3.27	16.383	1.28	22.43	0.85
4.300	1.14	10.350	3.27	16.400	1.28	22.45	0.85
4.317	1.14	10.367	3.27	16.417	1.28	22.47	0.85
4.333	1.14	10.383	3.27	16.433	1.28	22.48	0.85
4.350	1.14	10.400	3.27	16.450	1.28	22.50	0.85
4.367	1.14	10.417	3.27	16.467	1.28	22.52	0.85
4.383	1.14	10.433	3.27	16.483	1.28	22.53	0.85
4.400	1.14	10.450	3.27	16.500	1.28	22.55	0.85
4.417	1.14	10.467	3.27	16.517	1.28	22.57	0.85
4.433	1.14	10.483	3.27	16.533	1.28	22.58	0.85
4.450	1.14	10.500	3.27	16.550	1.28	22.60	0.85
4.467	1.14	10.517	3.27	16.567	1.28	22.62	0.85
4.483	1.14	10.533	3.27	16.583	1.28	22.63	0.85
4.500	1.14	10.550	3.27	16.600	1.28	22.65	0.85
4.517	1.14	10.567	3.27	16.617	1.28	22.67	0.85
4.533	1.14	10.583	3.27	16.633	1.28	22.68	0.85
4.550	1.14	10.600	3.27	16.650	1.28	22.70	0.85
4.567	1.14	10.617	3.27	16.667	1.28	22.72	0.85
4.583	1.14	10.633	3.27	16.683	1.28	22.73	0.85
4.600	1.14	10.650	3.27	16.700	1.28	22.75	0.85
4.617	1.14	10.667	3.27	16.717	1.28	22.77	0.85
4.633	1.14	10.683	4.40	16.733	1.28	22.78	0.85
4.650	1.14	10.700	4.40	16.750	1.28	22.80	0.85
4.667	1.14	10.717	4.40	16.767	1.28	22.82	0.85
4.683	1.14	10.733	4.40	16.783	1.28	22.83	0.85
4.700	1.14	10.750	4.40	16.800	1.28	22.85	0.85
4.717	1.14	10.767	4.40	16.817	1.28	22.87	0.85
4.733	1.14	10.783	4.40	16.833	1.28	22.88	0.85
4.750	1.14	10.800	4.40	16.850	1.28	22.90	0.85
4.767	1.14	10.817	4.40	16.867	1.28	22.92	0.85
4.783	1.14	10.833	4.40	16.883	1.28	22.93	0.85
4.800	1.14	10.850	4.40	16.900	1.28	22.95	0.85
4.817	1.14	10.867	4.40	16.917	1.28	22.97	0.85
4.833	1.14	10.883	4.40	16.933	1.28	22.98	0.85
4.850	1.14	10.900	4.40	16.950	1.28	23.00	0.85
4.867	1.14	10.917	4.40	16.967	1.28	23.02	0.85
4.883	1.14	10.933	4.40	16.983	1.28	23.03	0.85
4.900	1.14	10.950	4.40	17.000	1.28	23.05	0.85
4.917	1.14	10.967	4.40	17.017	1.28	23.07	0.85
4.933	1.14	10.983	4.40	17.033	1.28	23.08	0.85
4.950	1.14	11.000	4.40	17.050	1.28	23.10	0.85
4.967	1.14	11.017	4.40	17.067	1.28	23.12	0.85
4.983	1.14	11.033	4.40	17.083	1.28	23.13	0.85
5.000	1.14	11.050	4.40	17.100	1.28	23.15	0.85
5.017	1.14	11.067	4.40	17.117	1.28	23.17	0.85
5.033	1.14	11.083	4.40	17.133	1.28	23.18	0.85
5.050	1.14	11.100	4.40	17.150	1.28	23.20	0.85
5.067	1.14	11.117	4.40	17.167	1.28	23.22	0.85
5.083	1.14	11.133	4.40	17.183	1.28	23.23	0.85
5.100	1.14	11.150	4.40	17.200	1.28	23.25	0.85
5.117	1.14	11.167	4.40	17.217	1.28	23.27	0.85
5.133	1.14	11.183	6.82	17.233	1.28	23.28	0.85
5.150	1.14	11.200	6.82	17.250	1.28	23.30	0.85
5.167	1.14	11.217	6.82	17.267	1.28	23.32	0.85
5.183	1.14	11.233	6.82	17.283	1.28	23.33	0.85
5.200	1.14	11.250	6.82	17.300	1.28	23.35	0.85
5.217	1.14	11.267	6.82	17.317	1.28	23.37	0.85
5.233	1.14	11.283	6.82	17.333	1.28	23.38	0.85
5.250	1.14	11.300	6.82	17.350	1.28	23.40	0.85
5.267	1.14	11.317	6.82	17.367	1.28	23.42	0.85
5.283	1.14	11.333	6.82	17.383	1.28	23.43	0.85
5.300	1.14	11.350	6.82	17.400	1.28	23.45	0.85
5.317	1.14	11.367	6.82	17.417	1.28	23.47	0.85
5.333	1.14	11.383	6.82	17.433	1.28	23.48	0.85
5.350	1.14	11.400	6.82	17.450	1.28	23.50	0.85
5.367	1.14	11.417	6.82	17.467	1.28	23.52	0.85
5.383	1.14	11.433	6.82	17.483	1.28	23.53	0.85
5.400	1.14	11.450	6.82	17.500	1.28	23.55	0.85
5.417	1.14	11.467	6.82	17.517	1.28	23.57	0.85
5.433	1.14	11.483	6.82	17.533	1.28	23.58	0.85
5.450	1.14	11.500	6.82	17.550	1.28	23.60	0.85
5.467	1.14	11.517	6.82	17.567	1.28	23.62	0.85
5.483	1.14	11.533	6.82	17.583	1.28	23.63	0.85
5.500	1.14	11.550	6.82	17.600	1.28	23.65	0.85
5.517	1.14	11.567	6.82	17.617	1.28	23.67	0.85
5.533	1.14	11.583	6.82	17.633	1.28	23.68	0.85
5.550	1.14	11.600	6.82	17.650	1.28	23.70	0.85
5.567	1.14	11.617	6.82	17.667	1.28	23.72	0.85
5.583	1.14	11.633	6.82	17.683	1.28	23.73	0.85
5.600	1.14	11.650	6.82	17.700	1.28	23.75	0.85
5.617	1.14	11.667	6.82	17.717	1.28	23.77	0.85
5.633	1.14	11.683	21.02	17.733	1.28	23.78	0.85
5.650	1.14	11.700	21.03	17.750	1.28	23.80	0.85
5.667	1.14	11.717	21.03	17.767	1.28	23.82	0.85
5.683	1.14	11.733	21.03	17.783	1.28	23.83	0.85
5.700	1.14	11.750	21.03	17.800	1.28	23.85	0.85
5.717	1.14	11.767	21.03	17.817	1.28	23.87	0.85
5.733	1.14	11.783	21.03	17.833	1.28	23.88	0.85
5.750	1.14	11.800	21.03	17.850	1.28	23.90	0.85
5.767	1.14	11.817	21.03	17.867	1.28	23.92	0.85
5.783	1.14	11.833	21.03	17.883	1.28	23.93	0.85
5.800	1.14	11.850	53.97	17.900	1.28	23.95	0.85
5.817	1.14	11.867	53.99	17.917	1.28	23.97	0.85
5.833	1.14	11.883	53.99	17.933	1.28	23.98	0.85
5.850	1.14	11.900	53.99	17.950	1.28	24.00	0.85
5.867	1.14	11.917	53.99	17.967	1.28	24.02	0.85
5.883	1.14	11.933	53.99	17.983	1.28	24.03	0.85
5.900	1.14	11.950	53.99	18.000	1.28	24.05	0.85
5.917	1.14	11.967	53.99	18.017	1.28	24.07	0.85
5.933	1.14	11.983	53.99	18.033	1.28	24.08	0.85
5.950	1.14	12.000	53.99	18.050	1.28	24.10	0.85
5.967	1.14	12.017	86.93	18.067	1.28	24.12	0.85
5.983	1.14	12.033	86.95	18.083	1.28	24.13	0.85
6.000	1.14	12.050	86.95	18.100	1.28	24.15	0.85
6.017	1.14	12.067	86.95	18.117	1.28	24.17	0.85
6.033	1.14	12.083	86.95	18.133	1.28		
6.050	1.14	12.100	86.95	18.150	1.28		

```
     Max.Eff.Inten.(mm/hr)=      86.95        78.13
               over (min)         5.00         5.00
     Storage Coeff.  (min)=       0.45 (ii)    4.77 (ii)
     Unit Hyd. Tpeak (min)=       5.00         5.00
     Unit Hyd. peak  (cms)=       0.55         0.23
                                                          *TOTALS*
     PEAK FLOW       (cms)=       0.00         0.04        0.037 (iii)
     TIME TO PEAK    (hrs)=      12.12        12.18        12.18
     RUNOFF VOLUME    (mm)=      70.04        39.40        39.39
     TOTAL RAINFALL   (mm)=      71.04        71.04        71.04
     RUNOFF COEFFICIENT   =       0.99         0.55         0.55

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
             YOU SHOULD CONSIDER SPLITTING THE AREA.

       (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
           CN*  =  80.0     Ia = Dep. Storage  (Above)
      (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
           THAN THE STORAGE COEFFICIENT.
     (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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------------------
| ADD HYD  (  0026)|
|   1 +  2 =  3    |          AREA    QPEAK    TPEAK      R.V.
------------------            (ha)     (cms)    (hrs)      (mm)
        ID1= 1 (  0206):      0.13   0.019    12.18     39.38
      + ID2= 2 (  0207):      0.25   0.037    12.18     39.39
        ==========================================================
        ID = 3 (  0026):      0.38   0.056    12.18     39.39

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
--------------------------------------------------------------------------------
```

10-yr 24hr SCS Type II

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================================================================================
====================

      V    V   I    SSSSS  U   U    A    L                (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
       V  V    I      SS   U   U  A   A  L
        VV     I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M M M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                    *****  D E T A I L E D    O U T P U T  *****

  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\df0a781d-2564-48ef-8dda-c8c12dc338bf\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\df0a781d-2564-48ef-8dda-c8c12dc338bf\scen

DATE: 11/01/2023                          TIME: 04:20:50

USER:


COMMENTS: _____

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  ***********************************************
  ** SIMULATION : 010yr 24hr 10min SCS Type II  **
  ***********************************************


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|    READ STORM     |    Filename: C:\Users\SAhonen\AppD
|                   |              ata\Local\Temp\
|                   |              c1647a78-757b-4305-aa52-b335c28469ae\11c917f6
| Ptotal= 80.35 mm  |    Comments: 10yr 24hr 10min SCS Type II (MTO)
---------------------
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
                0.00    0.00 |  6.17    1.45 | 12.33   11.57 |  18.50    1.45
                0.17    0.88 |  6.33    1.45 | 12.50   11.57 |  18.67    1.45
                0.33    0.88 |  6.50    1.45 | 12.67    5.95 |  18.83    1.45
                0.50    0.88 |  6.67    1.45 | 12.83    5.95 |  19.00    1.45
                0.67    0.88 |  6.83    1.45 | 13.00    5.95 |  19.17    1.45
                0.83    0.88 |  7.00    1.45 | 13.17    4.34 |  19.33    1.45
                1.00    0.88 |  7.17    1.77 | 13.33    4.34 |  19.50    1.45
                1.17    0.88 |  7.33    1.77 | 13.50    4.34 |  19.67    1.45
                1.33    0.88 |  7.50    1.77 | 13.67    3.37 |  19.83    1.45
                1.50    0.88 |  7.67    1.77 | 13.83    3.37 |  20.00    1.45
                1.67    0.88 |  7.83    1.77 | 14.00    3.37 |  20.17    0.96
                1.83    0.88 |  8.00    1.77 | 14.17    2.41 |  20.33    0.96
                2.00    0.88 |  8.17    2.09 | 14.33    2.41 |  20.50    0.96
                2.17    1.04 |  8.33    2.09 | 14.50    2.41 |  20.67    0.96
                2.33    1.04 |  8.50    2.09 | 14.67    2.41 |  20.83    0.96
                2.50    1.04 |  8.67    2.25 | 14.83    2.41 |  21.00    0.96
                2.67    1.04 |  8.83    2.25 | 15.00    2.41 |  21.17    0.96
                2.83    1.04 |  9.00    2.25 | 15.17    2.41 |  21.33    0.96
                3.00    1.04 |  9.17    2.57 | 15.33    2.41 |  21.50    0.96
                3.17    1.04 |  9.33    2.57 | 15.50    2.41 |  21.67    0.96
                3.33    1.04 |  9.50    2.57 | 15.67    2.41 |  21.83    0.96
                3.50    1.04 |  9.67    2.89 | 15.83    2.41 |  22.00    0.96
                3.67    1.04 |  9.83    2.89 | 16.00    2.41 |  22.17    0.96
                3.83    1.04 | 10.00    2.89 | 16.17    1.45 |  22.33    0.96
                4.00    1.04 | 10.17    3.70 | 16.33    1.45 |  22.50    0.96
                4.17    1.29 | 10.33    3.70 | 16.50    1.45 |  22.67    0.96
                4.33    1.29 | 10.50    3.70 | 16.67    1.45 |  22.83    0.96
                4.50    1.29 | 10.67    4.98 | 16.83    1.45 |  23.00    0.96
                4.67    1.29 | 10.83    4.98 | 17.00    1.45 |  23.17    0.96
                4.83    1.29 | 11.00    4.98 | 17.17    1.45 |  23.33    0.96
                5.00    1.29 | 11.17    7.71 | 17.33    1.45 |  23.50    0.96
                5.17    1.29 | 11.33    7.71 | 17.50    1.45 |  23.67    0.96
                5.33    1.29 | 11.50    7.71 | 17.67    1.45 |  23.83    0.96
                5.50    1.29 | 11.67   23.78 | 17.83    1.45 |  24.00    0.96
                5.67    1.29 | 11.83   61.07 | 18.00    1.45 |
                5.83    1.29 | 12.00   98.35 | 18.17    1.45 |
                6.00    1.29 | 12.17   11.57 | 18.33    1.45 |

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---------------------
| CALIB             |
| STANDHYD (  0204) |   Area    (ha)=  16.91
|ID= 1 DT= 1.0 min  |   Total Imp(%)=  75.00   Dir. Conn.(%)=  37.50
---------------------
                              IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=       12.68          4.23
     Dep. Storage     (mm)=        1.00          5.00
     Average Slope     (%)=        2.00          2.00
     Length            (m)=       40.00         30.00
     Mannings n             =      0.013         0.250

         NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.


                              ---- TRANSFORMED HYETOGRAPH ----
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
               0.017    0.00 |  6.067    1.29 |12.117   98.35 |  18.17    1.45
               0.033    0.00 |  6.083    1.29 |12.133   98.35 |  18.18    1.45
               0.050    0.00 |  6.100    1.29 |12.150   98.35 |  18.20    1.45
               0.067    0.00 |  6.117    1.29 |12.167   98.35 |  18.22    1.45
               0.083    0.00 |  6.133    1.29 |12.183   11.64 |  18.23    1.45
               0.100    0.00 |  6.150    1.29 |12.200   11.57 |  18.25    1.45
               0.117    0.00 |  6.167    1.29 |12.217   11.57 |  18.27    1.45
               0.133    0.00 |  6.183    1.45 |12.233   11.57 |  18.28    1.45
               0.150    0.00 |  6.200    1.45 |12.250   11.57 |  18.30    1.45
               0.167    0.00 |  6.217    1.45 |12.267   11.57 |  18.32    1.45
               0.183    0.88 |  6.233    1.45 |12.283   11.57 |  18.33    1.45
               0.200    0.88 |  6.250    1.45 |12.300   11.57 |  18.35    1.45
               0.217    0.88 |  6.267    1.45 |12.317   11.57 |  18.37    1.45
               0.233    0.88 |  6.283    1.45 |12.333   11.57 |  18.38    1.45
               0.250    0.88 |  6.300    1.45 |12.350   11.57 |  18.40    1.45
               0.267    0.88 |  6.317    1.45 |12.367   11.57 |  18.42    1.45
               0.283    0.88 |  6.333    1.45 |12.383   11.57 |  18.43    1.45
               0.300    0.88 |  6.350    1.45 |12.400   11.57 |  18.45    1.45
               0.317    0.88 |  6.367    1.45 |12.417   11.57 |  18.47    1.45
               0.333    0.88 |  6.383    1.45 |12.433   11.57 |  18.48    1.45
               0.350    0.88 |  6.400    1.45 |12.450   11.57 |  18.50    1.45
               0.367    0.88 |  6.417    1.45 |12.467   11.57 |  18.52    1.45
               0.383    0.88 |  6.433    1.45 |12.483   11.57 |  18.53    1.45
               0.400    0.88 |  6.450    1.45 |12.500   11.57 |  18.55    1.45
               0.417    0.88 |  6.467    1.45 |12.517   11.57 |  18.57    1.45
               0.433    0.88 |  6.483    1.45 |12.533   11.57 |  18.58    1.45
               0.450    0.88 |  6.500    1.45 |12.550   11.57 |  18.60    1.45
               0.467    0.88 |  6.517    1.45 |12.567   11.57 |  18.62    1.45
               0.483    0.88 |  6.533    1.45 |12.583   11.57 |  18.63    1.45
               0.500    0.88 |  6.550    1.45 |12.600   11.57 |  18.65    1.45
               0.517    0.88 |  6.567    1.45 |12.617   11.57 |  18.67    1.45
               0.533    0.88 |  6.583    1.45 |12.633   11.57 |  18.68    1.45
               0.550    0.88 |  6.600    1.45 |12.650   11.57 |  18.70    1.45
               0.567    0.88 |  6.617    1.45 |12.667   11.57 |  18.72    1.45
               0.583    0.88 |  6.633    1.45 |12.683    5.95 |  18.73    1.45
               0.600    0.88 |  6.650    1.45 |12.700    5.95 |  18.75    1.45
               0.617    0.88 |  6.667    1.45 |12.717    5.95 |  18.77    1.45
               0.633    0.88 |  6.683    1.45 |12.733    5.95 |  18.78    1.45
               0.650    0.88 |  6.700    1.45 |12.750    5.95 |  18.80    1.45
               0.667    0.88 |  6.717    1.45 |12.767    5.95 |  18.82    1.45
               0.683    0.88 |  6.733    1.45 |12.783    5.95 |  18.83    1.45
               0.700    0.88 |  6.750    1.45 |12.800    5.95 |  18.85    1.45
               0.717    0.88 |  6.767    1.45 |12.817    5.95 |  18.87    1.45
               0.733    0.88 |  6.783    1.45 |12.833    5.95 |  18.88    1.45
               0.750    0.88 |  6.800    1.45 |12.850    5.95 |  18.90    1.45
               0.767    0.88 |  6.817    1.45 |12.867    5.95 |  18.92    1.45
               0.783    0.88 |  6.833    1.45 |12.883    5.95 |  18.93    1.45
               0.800    0.88 |  6.850    1.45 |12.900    5.95 |  18.95    1.45
               0.817    0.88 |  6.867    1.45 |12.917    5.95 |  18.97    1.45
               0.833    0.88 |  6.883    1.45 |12.933    5.95 |  18.98    1.45
               0.850    0.88 |  6.900    1.45 |12.950    5.95 |  19.00    1.45
               0.867    0.88 |  6.917    1.45 |12.967    5.95 |  19.02    1.45
               0.883    0.88 |  6.933    1.45 |12.983    5.95 |  19.03    1.45
               0.900    0.88 |  6.950    1.45 |13.000    5.95 |  19.05    1.45
               0.917    0.88 |  6.967    1.45 |13.017    5.95 |  19.07    1.45
               0.933    0.88 |  6.983    1.45 |13.033    5.95 |  19.08    1.45
               0.950    0.88 |  7.000    1.45 |13.050    5.95 |  19.10    1.45
               0.967    0.88 |  7.017    1.45 |13.067    5.95 |  19.12    1.45
               0.983    0.88 |  7.033    1.45 |13.083    5.95 |  19.13    1.45
               1.000    0.88 |  7.050    1.45 |13.100    5.95 |  19.15    1.45
               1.017    0.88 |  7.067    1.45 |13.117    5.95 |  19.17    1.45
               1.033    0.88 |  7.083    1.45 |13.133    5.95 |  19.18    1.45
               1.050    0.88 |  7.100    1.45 |13.150    5.95 |  19.20    1.45
               1.067    0.88 |  7.117    1.45 |13.167    5.95 |  19.22    1.45
               1.083    0.88 |  7.133    1.45 |13.183    4.34 |  19.23    1.45
               1.100    0.88 |  7.150    1.45 |13.200    4.34 |  19.25    1.45
               1.117    0.88 |  7.167    1.45 |13.217    4.34 |  19.27    1.45
               1.133    0.88 |  7.183    1.77 |13.233    4.34 |  19.28    1.45
               1.150    0.88 |  7.200    1.77 |13.250    4.34 |  19.30    1.45
               1.167    0.88 |  7.217    1.77 |13.267    4.34 |  19.32    1.45
               1.183    0.88 |  7.233    1.77 |13.283    4.34 |  19.33    1.45
               1.200    0.88 |  7.250    1.77 |13.300    4.34 |  19.35    1.45
               1.217    0.88 |  7.267    1.77 |13.317    4.34 |  19.37    1.45
               1.233    0.88 |  7.283    1.77 |13.333    4.34 |  19.38    1.45
               1.250    0.88 |  7.300    1.77 |13.350    4.34 |  19.40    1.45
               1.267    0.88 |  7.317    1.77 |13.367    4.34 |  19.42    1.45
               1.283    0.88 |  7.333    1.77 |13.383    4.34 |  19.43    1.45
               1.300    0.88 |  7.350    1.77 |13.400    4.34 |  19.45    1.45
               1.317    0.88 |  7.367    1.77 |13.417    4.34 |  19.47    1.45
               1.333    0.88 |  7.383    1.77 |13.433    4.34 |  19.48    1.45
               1.350    0.88 |  7.400    1.77 |13.450    4.34 |  19.50    1.45
               1.367    0.88 |  7.417    1.77 |13.467    4.34 |  19.52    1.45
               1.383    0.88 |  7.433    1.77 |13.483    4.34 |  19.53    1.45
               1.400    0.88 |  7.450    1.77 |13.500    4.34 |  19.55    1.45
               1.417    0.88 |  7.467    1.77 |13.517    4.34 |  19.57    1.45
               1.433    0.88 |  7.483    1.77 |13.533    4.34 |  19.58    1.45
               1.450    0.88 |  7.500    1.77 |13.550    4.34 |  19.60    1.45
               1.467    0.88 |  7.517    1.77 |13.567    4.34 |  19.62    1.45
               1.483    0.88 |  7.533    1.77 |13.583    4.34 |  19.63    1.45
               1.500    0.88 |  7.550    1.77 |13.600    4.34 |  19.65    1.45
               1.517    0.88 |  7.567    1.77 |13.617    4.34 |  19.67    1.45
               1.533    0.88 |  7.583    1.77 |13.633    4.34 |  19.68    1.45
               1.550    0.88 |  7.600    1.77 |13.650    4.34 |  19.70    1.45
               1.567    0.88 |  7.617    1.77 |13.667    4.34 |  19.72    1.45
               1.583    0.88 |  7.633    1.77 |13.683    3.38 |  19.73    1.45
               1.600    0.88 |  7.650    1.77 |13.700    3.37 |  19.75    1.45
               1.617    0.88 |  7.667    1.77 |13.717    3.37 |  19.77    1.45
               1.633    0.88 |  7.683    1.77 |13.733    3.37 |  19.78    1.45
               1.650    0.88 |  7.700    1.77 |13.750    3.37 |  19.80    1.45
               1.667    0.88 |  7.717    1.77 |13.767    3.37 |  19.82    1.45
               1.683    0.88 |  7.733    1.77 |13.783    3.37 |  19.83    1.45
               1.700    0.88 |  7.750    1.77 |13.800    3.37 |  19.85    1.45
               1.717    0.88 |  7.767    1.77 |13.817    3.37 |  19.87    1.45
               1.733    0.88 |  7.783    1.77 |13.833    3.37 |  19.88    1.45
               1.750    0.88 |  7.800    1.77 |13.850    3.37 |  19.90    1.45
               1.767    0.88 |  7.817    1.77 |13.867    3.37 |  19.92    1.45
               1.783    0.88 |  7.833    1.77 |13.883    3.37 |  19.93    1.45
               1.800    0.88 |  7.850    1.77 |13.900    3.37 |  19.95    1.45
               1.817    0.88 |  7.867    1.77 |13.917    3.37 |  19.97    1.45
               1.833    0.88 |  7.883    1.77 |13.933    3.37 |  19.98    1.45
               1.850    0.88 |  7.900    1.77 |13.950    3.37 |  20.00    1.45
               1.867    0.88 |  7.917    1.77 |13.967    3.37 |  20.02    1.45
               1.883    0.88 |  7.933    1.77 |13.983    3.37 |  20.03    1.45
               1.900    0.88 |  7.950    1.77 |14.000    3.37 |  20.05    1.45
               1.917    0.88 |  7.967    1.77 |14.017    3.37 |  20.07    1.45
               1.933    0.88 |  7.983    1.77 |14.033    3.37 |  20.08    1.45
               1.950    0.88 |  8.000    1.77 |14.050    3.37 |  20.10    1.45
               1.967    0.88 |  8.017    1.77 |14.067    3.37 |  20.12    1.45
               1.983    0.88 |  8.033    1.77 |14.083    3.37 |  20.13    1.45
               2.000    0.88 |  8.050    1.77 |14.100    3.37 |  20.15    1.45
               2.017    0.88 |  8.067    1.77 |14.117    3.37 |  20.17    1.45
               2.033    0.88 |  8.083    1.77 |14.133    3.37 |  20.18    0.97
               2.050    0.88 |  8.100    1.77 |14.150    3.37 |  20.20    0.96
               2.067    0.88 |  8.117    1.77 |14.167    3.37 |  20.22    0.96
               2.083    0.88 |  8.133    1.77 |14.183    2.41 |  20.23    0.96
               2.100    0.88 |  8.150    1.77 |14.200    2.41 |  20.25    0.96
               2.117    0.88 |  8.167    1.77 |14.217    2.41 |  20.27    0.96
               2.133    0.88 |  8.183    2.09 |14.233    2.41 |  20.28    0.96
               2.150    0.88 |  8.200    2.09 |14.250    2.41 |  20.30    0.96
               2.167    0.88 |  8.217    2.09 |14.267    2.41 |  20.32    0.96
               2.183    1.04 |  8.233    2.09 |14.283    2.41 |  20.33    0.96
               2.200    1.04 |  8.250    2.09 |14.300    2.41 |  20.35    0.96
               2.217    1.04 |  8.267    2.09 |14.317    2.41 |  20.37    0.96
               2.233    1.04 |  8.283    2.09 |14.333    2.41 |  20.38    0.96
               2.250    1.04 |  8.300    2.09 |14.350    2.41 |  20.40    0.96
               2.267    1.04 |  8.317    2.09 |14.367    2.41 |  20.42    0.96
               2.283    1.04 |  8.333    2.09 |14.383    2.41 |  20.43    0.96
               2.300    1.04 |  8.350    2.09 |14.400    2.41 |  20.45    0.96
               2.317    1.04 |  8.367    2.09 |14.417    2.41 |  20.47    0.96
               2.333    1.04 |  8.383    2.09 |14.433    2.41 |  20.48    0.96
               2.350    1.04 |  8.400    2.09 |14.450    2.41 |  20.50    0.96
               2.367    1.04 |  8.417    2.09 |14.467    2.41 |  20.52    0.96
               2.383    1.04 |  8.433    2.09 |14.483    2.41 |  20.53    0.96
               2.400    1.04 |  8.450    2.09 |14.500    2.41 |  20.55    0.96
               2.417    1.04 |  8.467    2.09 |14.517    2.41 |  20.57    0.96
               2.433    1.04 |  8.483    2.09 |14.533    2.41 |  20.58    0.96
               2.450    1.04 |  8.500    2.09 |14.550    2.41 |  20.60    0.96
               2.467    1.04 |  8.517    2.09 |14.567    2.41 |  20.62    0.96
               2.483    1.04 |  8.533    2.09 |14.583    2.41 |  20.63    0.96
               2.500    1.04 |  8.550    2.09 |14.600    2.41 |  20.65    0.96
               2.517    1.04 |  8.567    2.09 |14.617    2.41 |  20.67    0.96
               2.533    1.04 |  8.583    2.09 |14.633    2.41 |  20.68    0.96
               2.550    1.04 |  8.600    2.09 |14.650    2.41 |  20.70    0.96
               2.567    1.04 |  8.617    2.09 |14.667    2.41 |  20.72    0.96
               2.583    1.04 |  8.633    2.09 |14.683    2.41 |  20.73    0.96
               2.600    1.04 |  8.650    2.09 |14.700    2.41 |  20.75    0.96
               2.617    1.04 |  8.667    2.09 |14.717    2.41 |  20.77    0.96
               2.633    1.04 |  8.683    2.25 |14.733    2.41 |  20.78    0.96
               2.650    1.04 |  8.700    2.25 |14.750    2.41 |  20.80    0.96
               2.667    1.04 |  8.717    2.25 |14.767    2.41 |  20.82    0.96
               2.683    1.04 |  8.733    2.25 |14.783    2.41 |  20.83    0.96
               2.700    1.04 |  8.750    2.25 |14.800    2.41 |  20.85    0.96
               2.717    1.04 |  8.767    2.25 |14.817    2.41 |  20.87    0.96
               2.733    1.04 |  8.783    2.25 |14.833    2.41 |  20.88    0.96
               2.750    1.04 |  8.800    2.25 |14.850    2.41 |  20.90    0.96
               2.767    1.04 |  8.817    2.25 |14.867    2.41 |  20.92    0.96
               2.783    1.04 |  8.833    2.25 |14.883    2.41 |  20.93    0.96
               2.800    1.04 |  8.850    2.25 |14.900    2.41 |  20.95    0.96
               2.817    1.04 |  8.867    2.25 |14.917    2.41 |  20.97    0.96
               2.833    1.04 |  8.883    2.25 |14.933    2.41 |  20.98    0.96
               2.850    1.04 |  8.900    2.25 |14.950    2.41 |  21.00    0.96
               2.867    1.04 |  8.917    2.25 |14.967    2.41 |  21.02    0.96
               2.883    1.04 |  8.933    2.25 |14.983    2.41 |  21.03    0.96
               2.900    1.04 |  8.950    2.25 |15.000    2.41 |  21.05    0.96
               2.917    1.04 |  8.967    2.25 |15.017    2.41 |  21.07    0.96
               2.933    1.04 |  8.983    2.25 |15.033    2.41 |  21.08    0.96
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10-yr 24hr SCS Type II

2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96
3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

Max.Eff.Inten.(mm/hr)=		98.35	211.54	
over (min)		5.00	7.00	
Storage Coeff. (min)=		1.21 (ii)	6.29 (ii)	
Unit Hyd. Tpeak (min)=		5.00	7.00	
Unit Hyd. peak (cms)=		0.45	0.17	
				TOTALS
PEAK FLOW	(cms)=	1.73	2.05	3.742 (iii)
TIME TO PEAK	(hrs)=	12.17	12.20	12.17
RUNOFF VOLUME	(mm)=	79.35	59.16	66.74
TOTAL RAINFALL	(mm)=	80.35	80.35	80.35
RUNOFF COEFFICIENT	=	0.99	0.74	0.83

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB	
STANDHYD (0211)	Area (ha)= 0.18
ID= 1 DT= 1.0 min	Total Imp(%)= 70.00 Dir. Conn.(%)= 35.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.13	0.05
Dep. Storage	(mm)=	1.00	2.80
Average Slope	(%)=	1.00	2.00
Length	(m)=	34.64	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45
0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45
0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45
0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45

10-yr 24hr SCS Type II

1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45
1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96
2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96
3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96

10-yr 24hr SCS Type II

5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

Max.Eff.Inten.(mm/hr)=	98.35	201.64	
over (min)	5.00	5.00	
Storage Coeff. (min)=	1.36 (ii)	4.27 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.43	0.25	
			TOTALS
PEAK FLOW (cms)=	0.02	0.03	0.045 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	79.35	67.87	71.88
TOTAL RAINFALL (mm)=	80.35	80.35	80.35
RUNOFF COEFFICIENT =	0.99	0.84	0.89

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 90.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

DUHYD (0023)					
Inlet Cap.= 0.039					
#of Inlets= 1					
Total(cms)= 0.0		AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
TOTAL HYD.(ID= 1):		0.18	0.05	12.17	71.88
MAJOR SYS.(ID= 2):		0.00	0.01	12.17	71.88
MINOR SYS.(ID= 3):		0.18	0.04	12.10	71.88

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB				
STANDHYD (0212)|	Area	(ha)=	1.77	
ID= 1 DT= 1.0 min |	Total Imp(%)=	50.00	Dir. Conn.(%)=	50.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.89	0.89
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	33.00
Length	(m)=	108.63	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45
0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45
0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45
0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45
1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45
1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96
2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96

10-yr 24hr SCS Type II

3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

```
     Max.Eff.Inten.(mm/hr)=      98.35        61.15
               over (min)         5.00         5.00
     Storage Coeff.  (min)=       2.70 (ii)    4.04 (ii)
     Unit Hyd. Tpeak (min)=       5.00         5.00
     Unit Hyd. peak  (cms)=       0.32         0.26
                                                        *TOTALS*
     PEAK FLOW        (cms)=      0.24         0.14       0.374 (iii)
     TIME TO PEAK     (hrs)=     12.17        12.18      12.17
     RUNOFF VOLUME     (mm)=     79.34        40.89      60.12
     TOTAL RAINFALL    (mm)=     80.35        80.35      80.35
     RUNOFF COEFFICIENT   =       0.99         0.51       0.75


       (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
           CN*  =  80.0    Ia = Dep. Storage  (Above)
      (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
           THAN THE STORAGE COEFFICIENT.
     (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.
```

```
--------------------
| ADD HYD  (  0024)|
|   1 +  2 =  3    |        AREA    QPEAK    TPEAK     R.V.
--------------------         (ha)    (cms)    (hrs)     (mm)
       ID1= 1 (  0204):     16.91    3.742    12.17    66.74
     + ID2= 2 (  0212):      1.77    0.374    12.17    60.12
       ========================================================
       ID = 3 (  0024):     18.68    4.116    12.17    66.11

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
```

```
--------------------
| ADD HYD  (  0024)|
|   3 +  2 =  1    |        AREA    QPEAK    TPEAK     R.V.
--------------------         (ha)    (cms)    (hrs)     (mm)
       ID1= 3 (  0024):     18.68    4.116    12.17    66.11
     + ID2= 2 (  0023):      0.18    0.039    12.10    71.88
       ========================================================
       ID = 1 (  0024):     18.86    4.155    12.17    66.16

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
```

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--------------------
| RESERVOIR(  0002)|     OVERFLOW IS OFF
| IN= 2---> OUT= 1 |
| DT=  1.0 min     |    OUTFLOW    STORAGE   |  OUTFLOW    STORAGE
--------------------      (cms)     (ha.m.)   |   (cms)     (ha.m.)
                         0.0000      0.0000   |  0.4535      0.8095
                         0.0049      0.0710   |  0.5215      0.9015
                         0.0085      0.1443   |  0.5814      0.9955
                         0.0110      0.2200   |  0.6357      1.0914
                         0.0130      0.2982   |  0.8135      1.1894
                         0.0340      0.3786   |  1.1256      1.2893
                         0.0891      0.4610   |  1.5570      1.3912
                         0.1705      0.5453   |  2.1096      1.4952
                         0.2689      0.6314   |  2.7880      1.6010
                         0.3715      0.7195   |  3.5978      1.7088

                              AREA      QPEAK     TPEAK       R.V.
                               (ha)      (cms)     (hrs)       (mm)
     INFLOW : ID= 2 (  0024)     18.858     4.155     12.17      66.16
     OUTFLOW: ID= 1 (  0002)     18.858     0.408     12.78      49.13

                    PEAK   FLOW   REDUCTION [Qout/Qin](%)=  9.83
                    TIME SHIFT OF PEAK FLOW          (min)= 37.00
                    MAXIMUM  STORAGE   USED       (ha.m.)=  0.7601
```

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--------------------
| CALIB            |
| STANDHYD (  0203)|   Area     (ha)=   1.05
|ID= 1 DT= 1.0 min |   Total Imp(%)=  28.00   Dir. Conn.(%)=  14.00
--------------------
                          IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=       0.29         0.76
     Dep. Storage     (mm)=       1.00         5.00
     Average Slope     (%)=       1.00         2.00
     Length            (m)=      70.00        10.00
     Mannings n           =      0.013        0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.
```

---- TRANSFORMED HYETOGRAPH ----							
TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45
0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45
0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45

10-yr 24hr SCS Type II

0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45
1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45
1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96
2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96
3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96

10-yr 24hr SCS Type II

5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

Max.Eff.Inten.(mm/hr)=	98.35	79.65
over (min)	5.00	9.00
Storage Coeff. (min)=	2.08 (ii)	8.03 (ii)
Unit Hyd. Tpeak (min)=	5.00	9.00
Unit Hyd. peak (cms)=	0.37	0.14
		TOTALS
PEAK FLOW (cms)=	0.04	0.12 0.157 (iii)
TIME TO PEAK (hrs)=	12.17	12.22 12.20
RUNOFF VOLUME (mm)=	79.35	44.85 49.68
TOTAL RAINFALL (mm)=	80.35	80.35 80.35
RUNOFF COEFFICIENT =	0.99	0.56 0.62

***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0205)	Area (ha)=	0.28	
ID= 1 DT= 1.0 min	Total Imp(%)=	20.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.22
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45
0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45
0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45
0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45
1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45
1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96
2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96
3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96

10-yr 24hr SCS Type II

3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

```
      Max.Eff.Inten.(mm/hr)=      98.35         85.04
                 over (min)        5.00          5.00
      Storage Coeff.  (min)=       0.43 (ii)     4.61 (ii)
      Unit Hyd. Tpeak (min)=       5.00          5.00
      Unit Hyd. peak  (cms)=       0.55          0.24
                                                          *TOTALS*
      PEAK FLOW       (cms)=       0.00          0.05      0.048 (iii)
      TIME TO PEAK    (hrs)=      12.12         12.18      12.18
      RUNOFF VOLUME    (mm)=      79.35         45.84      45.84
      TOTAL RAINFALL   (mm)=      80.35         80.35      80.35
      RUNOFF COEFFICIENT   =       0.99          0.57       0.57

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
              YOU SHOULD CONSIDER SPLITTING THE AREA.

        (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
            CN*  =  80.0    Ia = Dep. Storage  (Above)
       (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
            THAN THE STORAGE COEFFICIENT.
      (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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--------------------
| ADD HYD  (  0007)|
|   1 +  2 =  3    |        AREA    QPEAK    TPEAK      R.V.
--------------------        (ha)    (cms)    (hrs)      (mm)
       ID1= 1 (  0002):    18.86    0.408    12.78     49.13
     + ID2= 2 (  0203):     1.05    0.157    12.20     49.68
       ==========================================================
       ID = 3 (  0007):    19.91    0.453    12.30     49.16

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

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--------------------
| ADD HYD  (  0007)|
|   3 +  2 =  1    |        AREA    QPEAK    TPEAK      R.V.
--------------------        (ha)    (cms)    (hrs)      (mm)
       ID1= 3 (  0007):    19.91    0.453    12.30     49.16
     + ID2= 2 (  0205):     0.28    0.048    12.18     45.84
       ==========================================================
       ID = 1 (  0007):    20.19    0.477    12.27     49.11

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

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--------------------
| CALIB            |
| STANDHYD (  0208)|   Area     (ha)=   0.61
|ID= 1 DT= 1.0 min |   Total Imp(%)=  45.00   Dir. Conn.(%)=   0.01
--------------------

                          IMPERVIOUS    PERVIOUS (i)
      Surface Area     (ha)=       0.27          0.34
      Dep. Storage     (mm)=       1.00          5.00
      Average Slope     (%)=       1.00          2.00
      Length            (m)=       5.00         25.00
      Mannings n          =       0.013         0.250

         NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.
```

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45
0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45
0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45
0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45
1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45

10-yr 24hr SCS Type II

1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96
2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96
3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96

10-yr 24hr SCS Type II

6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

Max.Eff.Inten.(mm/hr)=	98.35	141.83	
over (min)	5.00	6.00	
Storage Coeff. (min)=	0.43 (ii)	5.06 (ii)	
Unit Hyd. Tpeak (min)=	5.00	6.00	
Unit Hyd. peak (cms)=	0.55	0.21	
		TOTALS	
PEAK FLOW (cms)=	0.00	0.12	0.116 (iii)
TIME TO PEAK (hrs)=	12.13	12.18	12.18
RUNOFF VOLUME (mm)=	79.35	53.51	53.51
TOTAL RAINFALL (mm)=	80.35	80.35	80.35
RUNOFF COEFFICIENT =	0.99	0.67	0.67

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
STANDHYD (0209)	Area	(ha)=	0.06		
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)=	0.01	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.01	0.05
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45
0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45
0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45
0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45
1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45
1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96
2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96
3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96

10-yr 24hr SCS Type II

4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

Max.Eff.Inten.(mm/hr)=	98.35	93.20	
over (min)	5.00	3.00	
Storage Coeff. (min)=	0.43 (ii)	2.51 (ii)	
Unit Hyd. Tpeak (min)=	5.00	3.00	
Unit Hyd. peak (cms)=	0.55	0.42	
			TOTALS
PEAK FLOW (cms)=	0.00	0.01	0.012 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	79.35	47.23	47.21
TOTAL RAINFALL (mm)=	80.35	80.35	80.35
RUNOFF COEFFICIENT =	0.99	0.59	0.59

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
NASHYD (0201)	Area (ha)=	2.54	Curve Number (CN)= 79.0
ID= 1 DT= 1.0 min	Ia (mm)=	6.35	# of Linear Res.(N)= 3.00
	U.H. Tp(hrs)=	0.11	

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45
0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45
0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45
0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45
1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45
1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96

10-yr 24hr SCS Type II

2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96
3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

Unit Hyd Qpeak (cms)= 0.882

PEAK FLOW (cms)= 0.338 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 31.747
TOTAL RAINFALL (mm)= 80.351
RUNOFF COEFFICIENT = 0.395

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB
STANDHYD (0202) | Area (ha)= 0.33
ID= 1 DT= 1.0 min | Total Imp(%)= 70.00 Dir. Conn.(%)= 30.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.23	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	30.00	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45

10-yr 24hr SCS Type II

0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45
0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45
0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45
1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45
1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96
2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96
3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96

10-yr 24hr SCS Type II

5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

Max.Eff.Inten.(mm/hr)=	98.35	194.46	
over (min)	5.00	5.00	
Storage Coeff. (min)=	1.25 (ii)	4.34 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.45	0.25	
			TOTALS
PEAK FLOW (cms)=	0.03	0.05	0.076 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	79.35	58.02	64.41
TOTAL RAINFALL (mm)=	80.35	80.35	80.35
RUNOFF COEFFICIENT =	0.99	0.72	0.80

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0210)	Area (ha)=	0.10	
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.08
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	5.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45
0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45
0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45
0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45
1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45
1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96
2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96

10-yr 24hr SCS Type II

3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96
3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

Max.Eff.Inten.(mm/hr)=	98.35	93.20	
over (min)	5.00	3.00	
Storage Coeff. (min)=	0.43 (ii)	2.01 (ii)	
Unit Hyd. Tpeak (min)=	5.00	3.00	
Unit Hyd. peak (cms)=	0.55	0.48	
			TOTALS
PEAK FLOW (cms)=	0.00	0.02	0.020 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	79.35	47.23	47.22
TOTAL RAINFALL (mm)=	80.35	80.35	80.35
RUNOFF COEFFICIENT =	0.99	0.59	0.59

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0015)		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0201):		2.54	0.338	12.20	31.75
+ ID2= 2 (0202):		0.33	0.076	12.17	64.41
ID = 3 (0015):		2.87	0.410	12.18	41.65

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0015)		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
ID1= 3 (0015):		2.87	0.410	12.18	41.65
+ ID2= 2 (0210):		0.10	0.020	12.17	47.22
ID = 1 (0015):		2.97	0.428	12.18	41.84

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB				
STANDHYD (0206)		Area (ha)=	0.13	
ID= 1 DT= 1.0 min		Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45
0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45

10-yr 24hr SCS Type II

0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45
0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45
1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45
1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96
2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96
3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96

10-yr 24hr SCS Type II

5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

Max.Eff.Inten.(mm/hr)=	98.35	93.20	
over (min)	5.00	5.00	
Storage Coeff. (min)=	0.43 (ii)	4.46 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.55	0.24	
		TOTALS	
PEAK FLOW (cms)=	0.00	0.02	0.023 (iii)
TIME TO PEAK (hrs)=	12.12	12.18	12.18
RUNOFF VOLUME (mm)=	79.35	47.23	47.22
TOTAL RAINFALL (mm)=	80.35	80.35	80.35
RUNOFF COEFFICIENT =	0.99	0.59	0.59

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB													
STANDHYD (0207)	Area (ha)= 0.25												
ID= 1 DT= 1.0 min	Total Imp(%)= 25.00	Dir. Conn.(%)= 0.01											

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.19
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.29	12.117	98.35	18.17	1.45
0.033	0.00	6.083	1.29	12.133	98.35	18.18	1.45
0.050	0.00	6.100	1.29	12.150	98.35	18.20	1.45
0.067	0.00	6.117	1.29	12.167	98.35	18.22	1.45
0.083	0.00	6.133	1.29	12.183	11.64	18.23	1.45
0.100	0.00	6.150	1.29	12.200	11.57	18.25	1.45
0.117	0.00	6.167	1.29	12.217	11.57	18.27	1.45
0.133	0.00	6.183	1.45	12.233	11.57	18.28	1.45
0.150	0.00	6.200	1.45	12.250	11.57	18.30	1.45
0.167	0.00	6.217	1.45	12.267	11.57	18.32	1.45
0.183	0.88	6.233	1.45	12.283	11.57	18.33	1.45
0.200	0.88	6.250	1.45	12.300	11.57	18.35	1.45
0.217	0.88	6.267	1.45	12.317	11.57	18.37	1.45
0.233	0.88	6.283	1.45	12.333	11.57	18.38	1.45
0.250	0.88	6.300	1.45	12.350	11.57	18.40	1.45
0.267	0.88	6.317	1.45	12.367	11.57	18.42	1.45
0.283	0.88	6.333	1.45	12.383	11.57	18.43	1.45
0.300	0.88	6.350	1.45	12.400	11.57	18.45	1.45
0.317	0.88	6.367	1.45	12.417	11.57	18.47	1.45
0.333	0.88	6.383	1.45	12.433	11.57	18.48	1.45
0.350	0.88	6.400	1.45	12.450	11.57	18.50	1.45
0.367	0.88	6.417	1.45	12.467	11.57	18.52	1.45
0.383	0.88	6.433	1.45	12.483	11.57	18.53	1.45
0.400	0.88	6.450	1.45	12.500	11.57	18.55	1.45
0.417	0.88	6.467	1.45	12.517	11.57	18.57	1.45
0.433	0.88	6.483	1.45	12.533	11.57	18.58	1.45
0.450	0.88	6.500	1.45	12.550	11.57	18.60	1.45
0.467	0.88	6.517	1.45	12.567	11.57	18.62	1.45
0.483	0.88	6.533	1.45	12.583	11.57	18.63	1.45
0.500	0.88	6.550	1.45	12.600	11.57	18.65	1.45
0.517	0.88	6.567	1.45	12.617	11.57	18.67	1.45
0.533	0.88	6.583	1.45	12.633	11.57	18.68	1.45
0.550	0.88	6.600	1.45	12.650	11.57	18.70	1.45
0.567	0.88	6.617	1.45	12.667	11.57	18.72	1.45
0.583	0.88	6.633	1.45	12.683	5.95	18.73	1.45
0.600	0.88	6.650	1.45	12.700	5.95	18.75	1.45
0.617	0.88	6.667	1.45	12.717	5.95	18.77	1.45
0.633	0.88	6.683	1.45	12.733	5.95	18.78	1.45
0.650	0.88	6.700	1.45	12.750	5.95	18.80	1.45
0.667	0.88	6.717	1.45	12.767	5.95	18.82	1.45
0.683	0.88	6.733	1.45	12.783	5.95	18.83	1.45
0.700	0.88	6.750	1.45	12.800	5.95	18.85	1.45
0.717	0.88	6.767	1.45	12.817	5.95	18.87	1.45
0.733	0.88	6.783	1.45	12.833	5.95	18.88	1.45
0.750	0.88	6.800	1.45	12.850	5.95	18.90	1.45
0.767	0.88	6.817	1.45	12.867	5.95	18.92	1.45
0.783	0.88	6.833	1.45	12.883	5.95	18.93	1.45
0.800	0.88	6.850	1.45	12.900	5.95	18.95	1.45
0.817	0.88	6.867	1.45	12.917	5.95	18.97	1.45
0.833	0.88	6.883	1.45	12.933	5.95	18.98	1.45
0.850	0.88	6.900	1.45	12.950	5.95	19.00	1.45
0.867	0.88	6.917	1.45	12.967	5.95	19.02	1.45
0.883	0.88	6.933	1.45	12.983	5.95	19.03	1.45
0.900	0.88	6.950	1.45	13.000	5.95	19.05	1.45
0.917	0.88	6.967	1.45	13.017	5.95	19.07	1.45
0.933	0.88	6.983	1.45	13.033	5.95	19.08	1.45
0.950	0.88	7.000	1.45	13.050	5.95	19.10	1.45
0.967	0.88	7.017	1.45	13.067	5.95	19.12	1.45
0.983	0.88	7.033	1.45	13.083	5.95	19.13	1.45
1.000	0.88	7.050	1.45	13.100	5.95	19.15	1.45
1.017	0.88	7.067	1.45	13.117	5.95	19.17	1.45
1.033	0.88	7.083	1.45	13.133	5.95	19.18	1.45
1.050	0.88	7.100	1.45	13.150	5.95	19.20	1.45
1.067	0.88	7.117	1.45	13.167	5.95	19.22	1.45
1.083	0.88	7.133	1.45	13.183	4.34	19.23	1.45
1.100	0.88	7.150	1.45	13.200	4.34	19.25	1.45
1.117	0.88	7.167	1.45	13.217	4.34	19.27	1.45
1.133	0.88	7.183	1.77	13.233	4.34	19.28	1.45
1.150	0.88	7.200	1.77	13.250	4.34	19.30	1.45
1.167	0.88	7.217	1.77	13.267	4.34	19.32	1.45
1.183	0.88	7.233	1.77	13.283	4.34	19.33	1.45
1.200	0.88	7.250	1.77	13.300	4.34	19.35	1.45
1.217	0.88	7.267	1.77	13.317	4.34	19.37	1.45
1.233	0.88	7.283	1.77	13.333	4.34	19.38	1.45
1.250	0.88	7.300	1.77	13.350	4.34	19.40	1.45
1.267	0.88	7.317	1.77	13.367	4.34	19.42	1.45
1.283	0.88	7.333	1.77	13.383	4.34	19.43	1.45
1.300	0.88	7.350	1.77	13.400	4.34	19.45	1.45
1.317	0.88	7.367	1.77	13.417	4.34	19.47	1.45
1.333	0.88	7.383	1.77	13.433	4.34	19.48	1.45
1.350	0.88	7.400	1.77	13.450	4.34	19.50	1.45
1.367	0.88	7.417	1.77	13.467	4.34	19.52	1.45
1.383	0.88	7.433	1.77	13.483	4.34	19.53	1.45
1.400	0.88	7.450	1.77	13.500	4.34	19.55	1.45
1.417	0.88	7.467	1.77	13.517	4.34	19.57	1.45
1.433	0.88	7.483	1.77	13.533	4.34	19.58	1.45
1.450	0.88	7.500	1.77	13.550	4.34	19.60	1.45
1.467	0.88	7.517	1.77	13.567	4.34	19.62	1.45
1.483	0.88	7.533	1.77	13.583	4.34	19.63	1.45
1.500	0.88	7.550	1.77	13.600	4.34	19.65	1.45
1.517	0.88	7.567	1.77	13.617	4.34	19.67	1.45
1.533	0.88	7.583	1.77	13.633	4.34	19.68	1.45
1.550	0.88	7.600	1.77	13.650	4.34	19.70	1.45
1.567	0.88	7.617	1.77	13.667	4.34	19.72	1.45
1.583	0.88	7.633	1.77	13.683	3.38	19.73	1.45
1.600	0.88	7.650	1.77	13.700	3.37	19.75	1.45
1.617	0.88	7.667	1.77	13.717	3.37	19.77	1.45
1.633	0.88	7.683	1.77	13.733	3.37	19.78	1.45
1.650	0.88	7.700	1.77	13.750	3.37	19.80	1.45
1.667	0.88	7.717	1.77	13.767	3.37	19.82	1.45
1.683	0.88	7.733	1.77	13.783	3.37	19.83	1.45
1.700	0.88	7.750	1.77	13.800	3.37	19.85	1.45
1.717	0.88	7.767	1.77	13.817	3.37	19.87	1.45
1.733	0.88	7.783	1.77	13.833	3.37	19.88	1.45
1.750	0.88	7.800	1.77	13.850	3.37	19.90	1.45
1.767	0.88	7.817	1.77	13.867	3.37	19.92	1.45
1.783	0.88	7.833	1.77	13.883	3.37	19.93	1.45
1.800	0.88	7.850	1.77	13.900	3.37	19.95	1.45
1.817	0.88	7.867	1.77	13.917	3.37	19.97	1.45
1.833	0.88	7.883	1.77	13.933	3.37	19.98	1.45
1.850	0.88	7.900	1.77	13.950	3.37	20.00	1.45
1.867	0.88	7.917	1.77	13.967	3.37	20.02	1.45
1.883	0.88	7.933	1.77	13.983	3.37	20.03	1.45
1.900	0.88	7.950	1.77	14.000	3.37	20.05	1.45
1.917	0.88	7.967	1.77	14.017	3.37	20.07	1.45
1.933	0.88	7.983	1.77	14.033	3.37	20.08	1.45
1.950	0.88	8.000	1.77	14.050	3.37	20.10	1.45
1.967	0.88	8.017	1.77	14.067	3.37	20.12	1.45
1.983	0.88	8.033	1.77	14.083	3.37	20.13	1.45
2.000	0.88	8.050	1.77	14.100	3.37	20.15	1.45
2.017	0.88	8.067	1.77	14.117	3.37	20.17	1.45
2.033	0.88	8.083	1.77	14.133	3.37	20.18	0.97
2.050	0.88	8.100	1.77	14.150	3.37	20.20	0.96
2.067	0.88	8.117	1.77	14.167	3.37	20.22	0.96
2.083	0.88	8.133	1.77	14.183	2.41	20.23	0.96
2.100	0.88	8.150	1.77	14.200	2.41	20.25	0.96
2.117	0.88	8.167	1.77	14.217	2.41	20.27	0.96
2.133	0.88	8.183	2.09	14.233	2.41	20.28	0.96
2.150	0.88	8.200	2.09	14.250	2.41	20.30	0.96
2.167	0.88	8.217	2.09	14.267	2.41	20.32	0.96
2.183	1.04	8.233	2.09	14.283	2.41	20.33	0.96
2.200	1.04	8.250	2.09	14.300	2.41	20.35	0.96
2.217	1.04	8.267	2.09	14.317	2.41	20.37	0.96
2.233	1.04	8.283	2.09	14.333	2.41	20.38	0.96
2.250	1.04	8.300	2.09	14.350	2.41	20.40	0.96
2.267	1.04	8.317	2.09	14.367	2.41	20.42	0.96
2.283	1.04	8.333	2.09	14.383	2.41	20.43	0.96
2.300	1.04	8.350	2.09	14.400	2.41	20.45	0.96
2.317	1.04	8.367	2.09	14.417	2.41	20.47	0.96
2.333	1.04	8.383	2.09	14.433	2.41	20.48	0.96
2.350	1.04	8.400	2.09	14.450	2.41	20.50	0.96
2.367	1.04	8.417	2.09	14.467	2.41	20.52	0.96
2.383	1.04	8.433	2.09	14.483	2.41	20.53	0.96
2.400	1.04	8.450	2.09	14.500	2.41	20.55	0.96
2.417	1.04	8.467	2.09	14.517	2.41	20.57	0.96
2.433	1.04	8.483	2.09	14.533	2.41	20.58	0.96
2.450	1.04	8.500	2.09	14.550	2.41	20.60	0.96
2.467	1.04	8.517	2.09	14.567	2.41	20.62	0.96
2.483	1.04	8.533	2.09	14.583	2.41	20.63	0.96
2.500	1.04	8.550	2.09	14.600	2.41	20.65	0.96
2.517	1.04	8.567	2.09	14.617	2.41	20.67	0.96
2.533	1.04	8.583	2.09	14.633	2.41	20.68	0.96
2.550	1.04	8.600	2.09	14.650	2.41	20.70	0.96
2.567	1.04	8.617	2.09	14.667	2.41	20.72	0.96
2.583	1.04	8.633	2.09	14.683	2.41	20.73	0.96
2.600	1.04	8.650	2.09	14.700	2.41	20.75	0.96
2.617	1.04	8.667	2.09	14.717	2.41	20.77	0.96
2.633	1.04	8.683	2.25	14.733	2.41	20.78	0.96
2.650	1.04	8.700	2.25	14.750	2.41	20.80	0.96
2.667	1.04	8.717	2.25	14.767	2.41	20.82	0.96
2.683	1.04	8.733	2.25	14.783	2.41	20.83	0.96
2.700	1.04	8.750	2.25	14.800	2.41	20.85	0.96
2.717	1.04	8.767	2.25	14.817	2.41	20.87	0.96
2.733	1.04	8.783	2.25	14.833	2.41	20.88	0.96
2.750	1.04	8.800	2.25	14.850	2.41	20.90	0.96
2.767	1.04	8.817	2.25	14.867	2.41	20.92	0.96
2.783	1.04	8.833	2.25	14.883	2.41	20.93	0.96
2.800	1.04	8.850	2.25	14.900	2.41	20.95	0.96
2.817	1.04	8.867	2.25	14.917	2.41	20.97	0.96
2.833	1.04	8.883	2.25	14.933	2.41	20.98	0.96
2.850	1.04	8.900	2.25	14.950	2.41	21.00	0.96
2.867	1.04	8.917	2.25	14.967	2.41	21.02	0.96
2.883	1.04	8.933	2.25	14.983	2.41	21.03	0.96
2.900	1.04	8.950	2.25	15.000	2.41	21.05	0.96
2.917	1.04	8.967	2.25	15.017	2.41	21.07	0.96
2.933	1.04	8.983	2.25	15.033	2.41	21.08	0.96
2.950	1.04	9.000	2.25	15.050	2.41	21.10	0.96
2.967	1.04	9.017	2.25	15.067	2.41	21.12	0.96
2.983	1.04	9.033	2.25	15.083	2.41	21.13	0.96
3.000	1.04	9.050	2.25	15.100	2.41	21.15	0.96
3.017	1.04	9.067	2.25	15.117	2.41	21.17	0.96
3.033	1.04	9.083	2.25	15.133	2.41	21.18	0.96
3.050	1.04	9.100	2.25	15.150	2.41	21.20	0.96
3.067	1.04	9.117	2.25	15.167	2.41	21.22	0.96
3.083	1.04	9.133	2.25	15.183	2.41	21.23	0.96
3.100	1.04	9.150	2.25	15.200	2.41	21.25	0.96
3.117	1.04	9.167	2.25	15.217	2.41	21.27	0.96
3.133	1.04	9.183	2.57	15.233	2.41	21.28	0.96
3.150	1.04	9.200	2.57	15.250	2.41	21.30	0.96
3.167	1.04	9.217	2.57	15.267	2.41	21.32	0.96
3.183	1.04	9.233	2.57	15.283	2.41	21.33	0.96
3.200	1.04	9.250	2.57	15.300	2.41	21.35	0.96
3.217	1.04	9.267	2.57	15.317	2.41	21.37	0.96
3.233	1.04	9.283	2.57	15.333	2.41	21.38	0.96
3.250	1.04	9.300	2.57	15.350	2.41	21.40	0.96
3.267	1.04	9.317	2.57	15.367	2.41	21.42	0.96
3.283	1.04	9.333	2.57	15.383	2.41	21.43	0.96
3.300	1.04	9.350	2.57	15.400	2.41	21.45	0.96
3.317	1.04	9.367	2.57	15.417	2.41	21.47	0.96
3.333	1.04	9.383	2.57	15.433	2.41	21.48	0.96
3.350	1.04	9.400	2.57	15.450	2.41	21.50	0.96
3.367	1.04	9.417	2.57	15.467	2.41	21.52	0.96
3.383	1.04	9.433	2.57	15.483	2.41	21.53	0.96
3.400	1.04	9.450	2.57	15.500	2.41	21.55	0.96
3.417	1.04	9.467	2.57	15.517	2.41	21.57	0.96
3.433	1.04	9.483	2.57	15.533	2.41	21.58	0.96
3.450	1.04	9.500	2.57	15.550	2.41	21.60	0.96
3.467	1.04	9.517	2.57	15.567	2.41	21.62	0.96
3.483	1.04	9.533	2.57	15.583	2.41	21.63	0.96
3.500	1.04	9.550	2.57	15.600	2.41	21.65	0.96
3.517	1.04	9.567	2.57	15.617	2.41	21.67	0.96
3.533	1.04	9.583	2.57	15.633	2.41	21.68	0.96
3.550	1.04	9.600	2.57	15.650	2.41	21.70	0.96
3.567	1.04	9.617	2.57	15.667	2.41	21.72	0.96
3.583	1.04	9.633	2.57	15.683	2.41	21.73	0.96
3.600	1.04	9.650	2.57	15.700	2.41	21.75	0.96

10-yr 24hr SCS Type II

3.617	1.04	9.667	2.57	15.717	2.41	21.77	0.96
3.633	1.04	9.683	2.89	15.733	2.41	21.78	0.96
3.650	1.04	9.700	2.89	15.750	2.41	21.80	0.96
3.667	1.04	9.717	2.89	15.767	2.41	21.82	0.96
3.683	1.04	9.733	2.89	15.783	2.41	21.83	0.96
3.700	1.04	9.750	2.89	15.800	2.41	21.85	0.96
3.717	1.04	9.767	2.89	15.817	2.41	21.87	0.96
3.733	1.04	9.783	2.89	15.833	2.41	21.88	0.96
3.750	1.04	9.800	2.89	15.850	2.41	21.90	0.96
3.767	1.04	9.817	2.89	15.867	2.41	21.92	0.96
3.783	1.04	9.833	2.89	15.883	2.41	21.93	0.96
3.800	1.04	9.850	2.89	15.900	2.41	21.95	0.96
3.817	1.04	9.867	2.89	15.917	2.41	21.97	0.96
3.833	1.04	9.883	2.89	15.933	2.41	21.98	0.96
3.850	1.04	9.900	2.89	15.950	2.41	22.00	0.96
3.867	1.04	9.917	2.89	15.967	2.41	22.02	0.96
3.883	1.04	9.933	2.89	15.983	2.41	22.03	0.96
3.900	1.04	9.950	2.89	16.000	2.41	22.05	0.96
3.917	1.04	9.967	2.89	16.017	2.41	22.07	0.96
3.933	1.04	9.983	2.89	16.033	2.41	22.08	0.96
3.950	1.04	10.000	2.89	16.050	2.41	22.10	0.96
3.967	1.04	10.017	2.89	16.067	2.41	22.12	0.96
3.983	1.04	10.033	2.89	16.083	2.41	22.13	0.96
4.000	1.04	10.050	2.89	16.100	2.41	22.15	0.96
4.017	1.04	10.067	2.89	16.117	2.41	22.17	0.96
4.033	1.04	10.083	2.89	16.133	2.41	22.18	0.96
4.050	1.04	10.100	2.89	16.150	2.41	22.20	0.96
4.067	1.04	10.117	2.89	16.167	2.41	22.22	0.96
4.083	1.04	10.133	2.89	16.183	1.45	22.23	0.96
4.100	1.04	10.150	2.89	16.200	1.45	22.25	0.96
4.117	1.04	10.167	2.89	16.217	1.45	22.27	0.96
4.133	1.04	10.183	3.70	16.233	1.45	22.28	0.96
4.150	1.04	10.200	3.70	16.250	1.45	22.30	0.96
4.167	1.04	10.217	3.70	16.267	1.45	22.32	0.96
4.183	1.29	10.233	3.70	16.283	1.45	22.33	0.96
4.200	1.29	10.250	3.70	16.300	1.45	22.35	0.96
4.217	1.29	10.267	3.70	16.317	1.45	22.37	0.96
4.233	1.29	10.283	3.70	16.333	1.45	22.38	0.96
4.250	1.29	10.300	3.70	16.350	1.45	22.40	0.96
4.267	1.29	10.317	3.70	16.367	1.45	22.42	0.96
4.283	1.29	10.333	3.70	16.383	1.45	22.43	0.96
4.300	1.29	10.350	3.70	16.400	1.45	22.45	0.96
4.317	1.29	10.367	3.70	16.417	1.45	22.47	0.96
4.333	1.29	10.383	3.70	16.433	1.45	22.48	0.96
4.350	1.29	10.400	3.70	16.450	1.45	22.50	0.96
4.367	1.29	10.417	3.70	16.467	1.45	22.52	0.96
4.383	1.29	10.433	3.70	16.483	1.45	22.53	0.96
4.400	1.29	10.450	3.70	16.500	1.45	22.55	0.96
4.417	1.29	10.467	3.70	16.517	1.45	22.57	0.96
4.433	1.29	10.483	3.70	16.533	1.45	22.58	0.96
4.450	1.29	10.500	3.70	16.550	1.45	22.60	0.96
4.467	1.29	10.517	3.70	16.567	1.45	22.62	0.96
4.483	1.29	10.533	3.70	16.583	1.45	22.63	0.96
4.500	1.29	10.550	3.70	16.600	1.45	22.65	0.96
4.517	1.29	10.567	3.70	16.617	1.45	22.67	0.96
4.533	1.29	10.583	3.70	16.633	1.45	22.68	0.96
4.550	1.29	10.600	3.70	16.650	1.45	22.70	0.96
4.567	1.29	10.617	3.70	16.667	1.45	22.72	0.96
4.583	1.29	10.633	3.70	16.683	1.45	22.73	0.96
4.600	1.29	10.650	3.70	16.700	1.45	22.75	0.96
4.617	1.29	10.667	3.70	16.717	1.45	22.77	0.96
4.633	1.29	10.683	4.98	16.733	1.45	22.78	0.96
4.650	1.29	10.700	4.98	16.750	1.45	22.80	0.96
4.667	1.29	10.717	4.98	16.767	1.45	22.82	0.96
4.683	1.29	10.733	4.98	16.783	1.45	22.83	0.96
4.700	1.29	10.750	4.98	16.800	1.45	22.85	0.96
4.717	1.29	10.767	4.98	16.817	1.45	22.87	0.96
4.733	1.29	10.783	4.98	16.833	1.45	22.88	0.96
4.750	1.29	10.800	4.98	16.850	1.45	22.90	0.96
4.767	1.29	10.817	4.98	16.867	1.45	22.92	0.96
4.783	1.29	10.833	4.98	16.883	1.45	22.93	0.96
4.800	1.29	10.850	4.98	16.900	1.45	22.95	0.96
4.817	1.29	10.867	4.98	16.917	1.45	22.97	0.96
4.833	1.29	10.883	4.98	16.933	1.45	22.98	0.96
4.850	1.29	10.900	4.98	16.950	1.45	23.00	0.96
4.867	1.29	10.917	4.98	16.967	1.45	23.02	0.96
4.883	1.29	10.933	4.98	16.983	1.45	23.03	0.96
4.900	1.29	10.950	4.98	17.000	1.45	23.05	0.96
4.917	1.29	10.967	4.98	17.017	1.45	23.07	0.96
4.933	1.29	10.983	4.98	17.033	1.45	23.08	0.96
4.950	1.29	11.000	4.98	17.050	1.45	23.10	0.96
4.967	1.29	11.017	4.98	17.067	1.45	23.12	0.96
4.983	1.29	11.033	4.98	17.083	1.45	23.13	0.96
5.000	1.29	11.050	4.98	17.100	1.45	23.15	0.96
5.017	1.29	11.067	4.98	17.117	1.45	23.17	0.96
5.033	1.29	11.083	4.98	17.133	1.45	23.18	0.96
5.050	1.29	11.100	4.98	17.150	1.45	23.20	0.96
5.067	1.29	11.117	4.98	17.167	1.45	23.22	0.96
5.083	1.29	11.133	4.98	17.183	1.45	23.23	0.96
5.100	1.29	11.150	4.98	17.200	1.45	23.25	0.96
5.117	1.29	11.167	4.98	17.217	1.45	23.27	0.96
5.133	1.29	11.183	7.71	17.233	1.45	23.28	0.96
5.150	1.29	11.200	7.71	17.250	1.45	23.30	0.96
5.167	1.29	11.217	7.71	17.267	1.45	23.32	0.96
5.183	1.29	11.233	7.71	17.283	1.45	23.33	0.96
5.200	1.29	11.250	7.71	17.300	1.45	23.35	0.96
5.217	1.29	11.267	7.71	17.317	1.45	23.37	0.96
5.233	1.29	11.283	7.71	17.333	1.45	23.38	0.96
5.250	1.29	11.300	7.71	17.350	1.45	23.40	0.96
5.267	1.29	11.317	7.71	17.367	1.45	23.42	0.96
5.283	1.29	11.333	7.71	17.383	1.45	23.43	0.96
5.300	1.29	11.350	7.71	17.400	1.45	23.45	0.96
5.317	1.29	11.367	7.71	17.417	1.45	23.47	0.96
5.333	1.29	11.383	7.71	17.433	1.45	23.48	0.96
5.350	1.29	11.400	7.71	17.450	1.45	23.50	0.96
5.367	1.29	11.417	7.71	17.467	1.45	23.52	0.96
5.383	1.29	11.433	7.71	17.483	1.45	23.53	0.96
5.400	1.29	11.450	7.71	17.500	1.45	23.55	0.96
5.417	1.29	11.467	7.71	17.517	1.45	23.57	0.96
5.433	1.29	11.483	7.71	17.533	1.45	23.58	0.96
5.450	1.29	11.500	7.71	17.550	1.45	23.60	0.96
5.467	1.29	11.517	7.71	17.567	1.45	23.62	0.96
5.483	1.29	11.533	7.71	17.583	1.45	23.63	0.96
5.500	1.29	11.550	7.71	17.600	1.45	23.65	0.96
5.517	1.29	11.567	7.71	17.617	1.45	23.67	0.96
5.533	1.29	11.583	7.71	17.633	1.45	23.68	0.96
5.550	1.29	11.600	7.71	17.650	1.45	23.70	0.96
5.567	1.29	11.617	7.71	17.667	1.45	23.72	0.96
5.583	1.29	11.633	7.71	17.683	1.45	23.73	0.96
5.600	1.29	11.650	7.71	17.700	1.45	23.75	0.96
5.617	1.29	11.667	7.71	17.717	1.45	23.77	0.96
5.633	1.29	11.683	23.78	17.733	1.45	23.78	0.96
5.650	1.29	11.700	23.78	17.750	1.45	23.80	0.96
5.667	1.29	11.717	23.78	17.767	1.45	23.82	0.96
5.683	1.29	11.733	23.78	17.783	1.45	23.83	0.96
5.700	1.29	11.750	23.78	17.800	1.45	23.85	0.96
5.717	1.29	11.767	23.78	17.817	1.45	23.87	0.96
5.733	1.29	11.783	23.78	17.833	1.45	23.88	0.96
5.750	1.29	11.800	23.78	17.850	1.45	23.90	0.96
5.767	1.29	11.817	23.78	17.867	1.45	23.92	0.96
5.783	1.29	11.833	23.78	17.883	1.45	23.93	0.96
5.800	1.29	11.850	61.04	17.900	1.45	23.95	0.96
5.817	1.29	11.867	61.07	17.917	1.45	23.97	0.96
5.833	1.29	11.883	61.07	17.933	1.45	23.98	0.96
5.850	1.29	11.900	61.07	17.950	1.45	24.00	0.96
5.867	1.29	11.917	61.07	17.967	1.45	24.02	0.96
5.883	1.29	11.933	61.07	17.983	1.45	24.03	0.96
5.900	1.29	11.950	61.07	18.000	1.45	24.05	0.96
5.917	1.29	11.967	61.07	18.017	1.45	24.07	0.96
5.933	1.29	11.983	61.07	18.033	1.45	24.08	0.96
5.950	1.29	12.000	61.07	18.050	1.45	24.10	0.96
5.967	1.29	12.017	98.32	18.067	1.45	24.12	0.96
5.983	1.29	12.033	98.35	18.083	1.45	24.13	0.96
6.000	1.29	12.050	98.35	18.100	1.45	24.15	0.96
6.017	1.29	12.067	98.35	18.117	1.45	24.17	0.96
6.033	1.29	12.083	98.35	18.133	1.45		
6.050	1.29	12.100	98.35	18.150	1.45		

Max.Eff.Inten.(mm/hr)=	98.35	93.20	
over (min)	5.00	5.00	
Storage Coeff. (min)=	0.43 (ii)	4.46 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.55	0.24	
			TOTALS
PEAK FLOW (cms)=	0.00	0.04	0.044 (iii)
TIME TO PEAK (hrs)=	12.12	12.18	12.18
RUNOFF VOLUME (mm)=	79.35	47.23	47.23
TOTAL RAINFALL (mm)=	80.35	80.35	80.35
RUNOFF COEFFICIENT =	0.99	0.59	0.59

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0026)				
1 + 2 = 3	AREA	QPEAK	TPEAK	R.V.
	(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0206):	0.13	0.023	12.18	47.22
+ ID2= 2 (0207):	0.25	0.044	12.18	47.23
ID = 3 (0026):	0.38	0.067	12.18	47.22

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

25-yr 24hr SCS Type II

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================================================================================
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      V    V   I    SSSSS  U   U    A    L                (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
       V  V    I      SS   U   U  A   A  L
        VV     I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M M M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                  *****  D E T A I L E D    O U T P U T  *****


  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\cbb8d6cb-eae7-4823-9928-36f02222fc68\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\cbb8d6cb-eae7-4823-9928-36f02222fc68\scen


DATE: 11/01/2023                          TIME: 04:20:49

USER:


COMMENTS: _____________________________________________________


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  ***********************************************
  ** SIMULATION : 025yr 24hr 10min SCS Type II  **
  ***********************************************


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|    READ STORM     |    Filename: C:\Users\SAhonen\AppD
|                   |              ata\Local\Temp\
|                   |              c1647a78-757b-4305-aa52-b335c28469ae\3008c5fd
| Ptotal= 93.82 mm  |    Comments: 25yr 24hr 10min SCS Type II (MTO)
---------------------
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
                0.00    0.00 |  6.17    1.69 | 12.33   13.51 | 18.50    1.69
                0.17    1.03 |  6.33    1.69 | 12.50   13.51 | 18.67    1.69
                0.33    1.03 |  6.50    1.69 | 12.67    6.94 | 18.83    1.69
                0.50    1.03 |  6.67    1.69 | 12.83    6.94 | 19.00    1.69
                0.67    1.03 |  6.83    1.69 | 13.00    6.94 | 19.17    1.69
                0.83    1.03 |  7.00    1.69 | 13.17    5.07 | 19.33    1.69
                1.00    1.03 |  7.17    2.06 | 13.33    5.07 | 19.50    1.69
                1.17    1.03 |  7.33    2.06 | 13.50    5.07 | 19.67    1.69
                1.33    1.03 |  7.50    2.06 | 13.67    3.94 | 19.83    1.69
                1.50    1.03 |  7.67    2.06 | 13.83    3.94 | 20.00    1.69
                1.67    1.03 |  7.83    2.06 | 14.00    3.94 | 20.17    1.13
                1.83    1.03 |  8.00    2.06 | 14.17    2.81 | 20.33    1.13
                2.00    1.03 |  8.17    2.44 | 14.33    2.81 | 20.50    1.13
                2.17    1.22 |  8.33    2.44 | 14.50    2.81 | 20.67    1.13
                2.33    1.22 |  8.50    2.44 | 14.67    2.81 | 20.83    1.13
                2.50    1.22 |  8.67    2.63 | 14.83    2.81 | 21.00    1.13
                2.67    1.22 |  8.83    2.63 | 15.00    2.81 | 21.17    1.13
                2.83    1.22 |  9.00    2.63 | 15.17    2.81 | 21.33    1.13
                3.00    1.22 |  9.17    3.00 | 15.33    2.81 | 21.50    1.13
                3.17    1.22 |  9.33    3.00 | 15.50    2.81 | 21.67    1.13
                3.33    1.22 |  9.50    3.00 | 15.67    2.81 | 21.83    1.13
                3.50    1.22 |  9.67    3.38 | 15.83    2.81 | 22.00    1.13
                3.67    1.22 |  9.83    3.38 | 16.00    2.81 | 22.17    1.13
                3.83    1.22 | 10.00    3.38 | 16.17    1.69 | 22.33    1.13
                4.00    1.22 | 10.17    4.32 | 16.33    1.69 | 22.50    1.13
                4.17    1.50 | 10.33    4.32 | 16.50    1.69 | 22.67    1.13
                4.33    1.50 | 10.50    4.32 | 16.67    1.69 | 22.83    1.13
                4.50    1.50 | 10.67    5.82 | 16.83    1.69 | 23.00    1.13
                4.67    1.50 | 10.83    5.82 | 17.00    1.69 | 23.17    1.13
                4.83    1.50 | 11.00    5.82 | 17.17    1.69 | 23.33    1.13
                5.00    1.50 | 11.17    9.01 | 17.33    1.69 | 23.50    1.13
                5.17    1.50 | 11.33    9.01 | 17.50    1.69 | 23.67    1.13
                5.33    1.50 | 11.50    9.01 | 17.67    1.69 | 23.83    1.13
                5.50    1.50 | 11.67   27.77 | 17.83    1.69 | 24.00    1.13
                5.67    1.50 | 11.83   71.30 | 18.00    1.69 |
                5.83    1.50 | 12.00  114.84 | 18.17    1.69 |
                6.00    1.50 | 12.17   13.51 | 18.33    1.69 |

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| CALIB             |
| STANDHYD (  0204)|   Area     (ha)=  16.91
|ID= 1 DT= 1.0 min |   Total Imp(%)=  75.00   Dir. Conn.(%)=  37.50
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                          IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=      12.68         4.23
     Dep. Storage     (mm)=       1.00         5.00
     Average Slope     (%)=       2.00         2.00
     Length            (m)=      40.00        30.00
     Mannings n           =      0.013        0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.


                              ---- TRANSFORMED HYETOGRAPH ----
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
               0.017    0.00 |  6.067    1.50 |12.117  114.84 | 18.17    1.69
               0.033    0.00 |  6.083    1.50 |12.133  114.84 | 18.18    1.69
               0.050    0.00 |  6.100    1.50 |12.150  114.84 | 18.20    1.69
               0.067    0.00 |  6.117    1.50 |12.167  114.84 | 18.22    1.69
               0.083    0.00 |  6.133    1.50 |12.183   13.60 | 18.23    1.69
               0.100    0.00 |  6.150    1.50 |12.200   13.51 | 18.25    1.69
               0.117    0.00 |  6.167    1.50 |12.217   13.51 | 18.27    1.69
               0.133    0.00 |  6.183    1.69 |12.233   13.51 | 18.28    1.69
               0.150    0.00 |  6.200    1.69 |12.250   13.51 | 18.30    1.69
               0.167    0.00 |  6.217    1.69 |12.267   13.51 | 18.32    1.69
               0.183    1.03 |  6.233    1.69 |12.283   13.51 | 18.33    1.69
               0.200    1.03 |  6.250    1.69 |12.300   13.51 | 18.35    1.69
               0.217    1.03 |  6.267    1.69 |12.317   13.51 | 18.37    1.69
               0.233    1.03 |  6.283    1.69 |12.333   13.51 | 18.38    1.69
               0.250    1.03 |  6.300    1.69 |12.350   13.51 | 18.40    1.69
               0.267    1.03 |  6.317    1.69 |12.367   13.51 | 18.42    1.69
               0.283    1.03 |  6.333    1.69 |12.383   13.51 | 18.43    1.69
               0.300    1.03 |  6.350    1.69 |12.400   13.51 | 18.45    1.69
               0.317    1.03 |  6.367    1.69 |12.417   13.51 | 18.47    1.69
               0.333    1.03 |  6.383    1.69 |12.433   13.51 | 18.48    1.69
               0.350    1.03 |  6.400    1.69 |12.450   13.51 | 18.50    1.69
               0.367    1.03 |  6.417    1.69 |12.467   13.51 | 18.52    1.69
               0.383    1.03 |  6.433    1.69 |12.483   13.51 | 18.53    1.69
               0.400    1.03 |  6.450    1.69 |12.500   13.51 | 18.55    1.69
               0.417    1.03 |  6.467    1.69 |12.517   13.51 | 18.57    1.69
               0.433    1.03 |  6.483    1.69 |12.533   13.51 | 18.58    1.69
               0.450    1.03 |  6.500    1.69 |12.550   13.51 | 18.60    1.69
               0.467    1.03 |  6.517    1.69 |12.567   13.51 | 18.62    1.69
               0.483    1.03 |  6.533    1.69 |12.583   13.51 | 18.63    1.69
               0.500    1.03 |  6.550    1.69 |12.600   13.51 | 18.65    1.69
               0.517    1.03 |  6.567    1.69 |12.617   13.51 | 18.67    1.69
               0.533    1.03 |  6.583    1.69 |12.633   13.51 | 18.68    1.69
               0.550    1.03 |  6.600    1.69 |12.650   13.51 | 18.70    1.69
               0.567    1.03 |  6.617    1.69 |12.667   13.51 | 18.72    1.69
               0.583    1.03 |  6.633    1.69 |12.683    6.95 | 18.73    1.69
               0.600    1.03 |  6.650    1.69 |12.700    6.94 | 18.75    1.69
               0.617    1.03 |  6.667    1.69 |12.717    6.94 | 18.77    1.69
               0.633    1.03 |  6.683    1.69 |12.733    6.94 | 18.78    1.69
               0.650    1.03 |  6.700    1.69 |12.750    6.94 | 18.80    1.69
               0.667    1.03 |  6.717    1.69 |12.767    6.94 | 18.82    1.69
               0.683    1.03 |  6.733    1.69 |12.783    6.94 | 18.83    1.69
               0.700    1.03 |  6.750    1.69 |12.800    6.94 | 18.85    1.69
               0.717    1.03 |  6.767    1.69 |12.817    6.94 | 18.87    1.69
               0.733    1.03 |  6.783    1.69 |12.833    6.94 | 18.88    1.69
               0.750    1.03 |  6.800    1.69 |12.850    6.94 | 18.90    1.69
               0.767    1.03 |  6.817    1.69 |12.867    6.94 | 18.92    1.69
               0.783    1.03 |  6.833    1.69 |12.883    6.94 | 18.93    1.69
               0.800    1.03 |  6.850    1.69 |12.900    6.94 | 18.95    1.69
               0.817    1.03 |  6.867    1.69 |12.917    6.94 | 18.97    1.69
               0.833    1.03 |  6.883    1.69 |12.933    6.94 | 18.98    1.69
               0.850    1.03 |  6.900    1.69 |12.950    6.94 | 19.00    1.69
               0.867    1.03 |  6.917    1.69 |12.967    6.94 | 19.02    1.69
               0.883    1.03 |  6.933    1.69 |12.983    6.94 | 19.03    1.69
               0.900    1.03 |  6.950    1.69 |13.000    6.94 | 19.05    1.69
               0.917    1.03 |  6.967    1.69 |13.017    6.94 | 19.07    1.69
               0.933    1.03 |  6.983    1.69 |13.033    6.94 | 19.08    1.69
               0.950    1.03 |  7.000    1.69 |13.050    6.94 | 19.10    1.69
               0.967    1.03 |  7.017    1.69 |13.067    6.94 | 19.12    1.69
               0.983    1.03 |  7.033    1.69 |13.083    6.94 | 19.13    1.69
               1.000    1.03 |  7.050    1.69 |13.100    6.94 | 19.15    1.69
               1.017    1.03 |  7.067    1.69 |13.117    6.94 | 19.17    1.69
               1.033    1.03 |  7.083    1.69 |13.133    6.94 | 19.18    1.69
               1.050    1.03 |  7.100    1.69 |13.150    6.94 | 19.20    1.69
               1.067    1.03 |  7.117    1.69 |13.167    6.94 | 19.22    1.69
               1.083    1.03 |  7.133    1.69 |13.183    5.07 | 19.23    1.69
               1.100    1.03 |  7.150    1.69 |13.200    5.07 | 19.25    1.69
               1.117    1.03 |  7.167    1.69 |13.217    5.07 | 19.27    1.69
               1.133    1.03 |  7.183    2.06 |13.233    5.07 | 19.28    1.69
               1.150    1.03 |  7.200    2.06 |13.250    5.07 | 19.30    1.69
               1.167    1.03 |  7.217    2.06 |13.267    5.07 | 19.32    1.69
               1.183    1.03 |  7.233    2.06 |13.283    5.07 | 19.33    1.69
               1.200    1.03 |  7.250    2.06 |13.300    5.07 | 19.35    1.69
               1.217    1.03 |  7.267    2.06 |13.317    5.07 | 19.37    1.69
               1.233    1.03 |  7.283    2.06 |13.333    5.07 | 19.38    1.69
               1.250    1.03 |  7.300    2.06 |13.350    5.07 | 19.40    1.69
               1.267    1.03 |  7.317    2.06 |13.367    5.07 | 19.42    1.69
               1.283    1.03 |  7.333    2.06 |13.383    5.07 | 19.43    1.69
               1.300    1.03 |  7.350    2.06 |13.400    5.07 | 19.45    1.69
               1.317    1.03 |  7.367    2.06 |13.417    5.07 | 19.47    1.69
               1.333    1.03 |  7.383    2.06 |13.433    5.07 | 19.48    1.69
               1.350    1.03 |  7.400    2.06 |13.450    5.07 | 19.50    1.69
               1.367    1.03 |  7.417    2.06 |13.467    5.07 | 19.52    1.69
               1.383    1.03 |  7.433    2.06 |13.483    5.07 | 19.53    1.69
               1.400    1.03 |  7.450    2.06 |13.500    5.07 | 19.55    1.69
               1.417    1.03 |  7.467    2.06 |13.517    5.07 | 19.57    1.69
               1.433    1.03 |  7.483    2.06 |13.533    5.07 | 19.58    1.69
               1.450    1.03 |  7.500    2.06 |13.550    5.07 | 19.60    1.69
               1.467    1.03 |  7.517    2.06 |13.567    5.07 | 19.62    1.69
               1.483    1.03 |  7.533    2.06 |13.583    5.07 | 19.63    1.69
               1.500    1.03 |  7.550    2.06 |13.600    5.07 | 19.65    1.69
               1.517    1.03 |  7.567    2.06 |13.617    5.07 | 19.67    1.69
               1.533    1.03 |  7.583    2.06 |13.633    5.07 | 19.68    1.69
               1.550    1.03 |  7.600    2.06 |13.650    5.07 | 19.70    1.69
               1.567    1.03 |  7.617    2.06 |13.667    5.07 | 19.72    1.69
               1.583    1.03 |  7.633    2.06 |13.683    3.94 | 19.73    1.69
               1.600    1.03 |  7.650    2.06 |13.700    3.94 | 19.75    1.69
               1.617    1.03 |  7.667    2.06 |13.717    3.94 | 19.77    1.69
               1.633    1.03 |  7.683    2.06 |13.733    3.94 | 19.78    1.69
               1.650    1.03 |  7.700    2.06 |13.750    3.94 | 19.80    1.69
               1.667    1.03 |  7.717    2.06 |13.767    3.94 | 19.82    1.69
               1.683    1.03 |  7.733    2.06 |13.783    3.94 | 19.83    1.69
               1.700    1.03 |  7.750    2.06 |13.800    3.94 | 19.85    1.69
               1.717    1.03 |  7.767    2.06 |13.817    3.94 | 19.87    1.69
               1.733    1.03 |  7.783    2.06 |13.833    3.94 | 19.88    1.69
               1.750    1.03 |  7.800    2.06 |13.850    3.94 | 19.90    1.69
               1.767    1.03 |  7.817    2.06 |13.867    3.94 | 19.92    1.69
               1.783    1.03 |  7.833    2.06 |13.883    3.94 | 19.93    1.69
               1.800    1.03 |  7.850    2.06 |13.900    3.94 | 19.95    1.69
               1.817    1.03 |  7.867    2.06 |13.917    3.94 | 19.97    1.69
               1.833    1.03 |  7.883    2.06 |13.933    3.94 | 19.98    1.69
               1.850    1.03 |  7.900    2.06 |13.950    3.94 | 20.00    1.69
               1.867    1.03 |  7.917    2.06 |13.967    3.94 | 20.02    1.69
               1.883    1.03 |  7.933    2.06 |13.983    3.94 | 20.03    1.69
               1.900    1.03 |  7.950    2.06 |14.000    3.94 | 20.05    1.69
               1.917    1.03 |  7.967    2.06 |14.017    3.94 | 20.07    1.69
               1.933    1.03 |  7.983    2.06 |14.033    3.94 | 20.08    1.69
               1.950    1.03 |  8.000    2.06 |14.050    3.94 | 20.10    1.69
               1.967    1.03 |  8.017    2.06 |14.067    3.94 | 20.12    1.69
               1.983    1.03 |  8.033    2.06 |14.083    3.94 | 20.13    1.69
               2.000    1.03 |  8.050    2.06 |14.100    3.94 | 20.15    1.69
               2.017    1.03 |  8.067    2.06 |14.117    3.94 | 20.17    1.69
               2.033    1.03 |  8.083    2.06 |14.133    3.94 | 20.18    1.13
               2.050    1.03 |  8.100    2.06 |14.150    3.94 | 20.20    1.13
               2.067    1.03 |  8.117    2.06 |14.167    3.94 | 20.22    1.13
               2.083    1.03 |  8.133    2.06 |14.183    2.82 | 20.23    1.13
               2.100    1.03 |  8.150    2.06 |14.200    2.81 | 20.25    1.13
               2.117    1.03 |  8.167    2.07 |14.217    2.81 | 20.27    1.13
               2.133    1.03 |  8.183    2.44 |14.233    2.81 | 20.28    1.13
               2.150    1.03 |  8.200    2.44 |14.250    2.81 | 20.30    1.13
               2.167    1.03 |  8.217    2.44 |14.267    2.81 | 20.32    1.13
               2.183    1.22 |  8.233    2.44 |14.283    2.81 | 20.33    1.13
               2.200    1.22 |  8.250    2.44 |14.300    2.81 | 20.35    1.13
               2.217    1.22 |  8.267    2.44 |14.317    2.81 | 20.37    1.13
               2.233    1.22 |  8.283    2.44 |14.333    2.81 | 20.38    1.13
               2.250    1.22 |  8.300    2.44 |14.350    2.81 | 20.40    1.13
               2.267    1.22 |  8.317    2.44 |14.367    2.81 | 20.42    1.13
               2.283    1.22 |  8.333    2.44 |14.383    2.81 | 20.43    1.13
               2.300    1.22 |  8.350    2.44 |14.400    2.81 | 20.45    1.13
               2.317    1.22 |  8.367    2.44 |14.417    2.81 | 20.47    1.13
               2.333    1.22 |  8.383    2.44 |14.433    2.81 | 20.48    1.13
               2.350    1.22 |  8.400    2.44 |14.450    2.81 | 20.50    1.13
               2.367    1.22 |  8.417    2.44 |14.467    2.81 | 20.52    1.13
               2.383    1.22 |  8.433    2.44 |14.483    2.81 | 20.53    1.13
               2.400    1.22 |  8.450    2.44 |14.500    2.81 | 20.55    1.13
               2.417    1.22 |  8.467    2.44 |14.517    2.81 | 20.57    1.13
               2.433    1.22 |  8.483    2.44 |14.533    2.81 | 20.58    1.13
               2.450    1.22 |  8.500    2.44 |14.550    2.81 | 20.60    1.13
               2.467    1.22 |  8.517    2.44 |14.567    2.81 | 20.62    1.13
               2.483    1.22 |  8.533    2.44 |14.583    2.81 | 20.63    1.13
               2.500    1.22 |  8.550    2.44 |14.600    2.81 | 20.65    1.13
               2.517    1.22 |  8.567    2.44 |14.617    2.81 | 20.67    1.13
               2.533    1.22 |  8.583    2.44 |14.633    2.81 | 20.68    1.13
               2.550    1.22 |  8.600    2.44 |14.650    2.81 | 20.70    1.13
               2.567    1.22 |  8.617    2.44 |14.667    2.81 | 20.72    1.13
               2.583    1.22 |  8.633    2.44 |14.683    2.81 | 20.73    1.13
               2.600    1.22 |  8.650    2.44 |14.700    2.81 | 20.75    1.13
               2.617    1.22 |  8.667    2.44 |14.717    2.81 | 20.77    1.13
               2.633    1.22 |  8.683    2.63 |14.733    2.81 | 20.78    1.13
               2.650    1.22 |  8.700    2.63 |14.750    2.81 | 20.80    1.13
               2.667    1.22 |  8.717    2.63 |14.767    2.81 | 20.82    1.13
               2.683    1.22 |  8.733    2.63 |14.783    2.81 | 20.83    1.13
               2.700    1.22 |  8.750    2.63 |14.800    2.81 | 20.85    1.13
               2.717    1.22 |  8.767    2.63 |14.817    2.81 | 20.87    1.13
               2.733    1.22 |  8.783    2.63 |14.833    2.81 | 20.88    1.13
               2.750    1.22 |  8.800    2.63 |14.850    2.81 | 20.90    1.13
               2.767    1.22 |  8.817    2.63 |14.867    2.81 | 20.92    1.13
               2.783    1.22 |  8.833    2.63 |14.883    2.81 | 20.93    1.13
               2.800    1.22 |  8.850    2.63 |14.900    2.81 | 20.95    1.13
               2.817    1.22 |  8.867    2.63 |14.917    2.81 | 20.97    1.13
               2.833    1.22 |  8.883    2.63 |14.933    2.81 | 20.98    1.13
               2.850    1.22 |  8.900    2.63 |14.950    2.81 | 21.00    1.13
               2.867    1.22 |  8.917    2.63 |14.967    2.81 | 21.02    1.13
               2.883    1.22 |  8.933    2.63 |14.983    2.81 | 21.03    1.13
               2.900    1.22 |  8.950    2.63 |15.000    2.81 | 21.05    1.13
               2.917    1.22 |  8.967    2.63 |15.017    2.81 | 21.07    1.13
               2.933    1.22 |  8.983    2.63 |15.033    2.81 | 21.08    1.13
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25-yr 24hr SCS Type II

2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13
3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13
6.033	1.50	12.083	114.84	18.133	1.69		
6.050	1.50	12.100	114.84	18.150	1.69		

Max.Eff.Inten.(mm/hr)=		114.84	254.53
over (min)		5.00	6.00
Storage Coeff. (min)=		1.13 (ii)	5.91 (ii)
Unit Hyd. Tpeak (min)=		5.00	6.00
Unit Hyd. peak (cms)=		0.46	0.19
			TOTALS
PEAK FLOW	(cms)=	2.02	2.56 4.550 (iii)
TIME TO PEAK	(hrs)=	12.17	12.18 12.17
RUNOFF VOLUME	(mm)=	92.82	71.92 79.76
TOTAL RAINFALL	(mm)=	93.82	93.82 93.82
RUNOFF COEFFICIENT	=	0.99	0.77 0.85

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0211)	Area	(ha)= 0.18	
ID= 1 DT= 1.0 min	Total Imp(%)=	70.00	Dir. Conn.(%)= 35.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.13	0.05
Dep. Storage	(mm)=	1.00	2.80
Average Slope	(%)=	1.00	2.00
Length	(m)=	34.64	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69
0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69
0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69
0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69

25-yr 24hr SCS Type II

1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69
1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13
2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13
3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13

25-yr 24hr SCS Type II

5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13
6.033	1.50	12.083	114.84	18.133	1.69		
6.050	1.50	12.100	114.84	18.150	1.69		

Max.Eff.Inten.(mm/hr)=	114.84	238.38	
over (min)	5.00	5.00	
Storage Coeff. (min)=	1.28 (ii)	4.01 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.44	0.26	
			TOTALS
PEAK FLOW (cms)=	0.02	0.03	0.053 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	92.82	81.10	85.20
TOTAL RAINFALL (mm)=	93.82	93.82	93.82
RUNOFF COEFFICIENT =	0.99	0.86	0.91

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 90.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

DUHYD (0023)
Inlet Cap.= 0.039
#of Inlets= 1
Total(cms)= 0.0|

	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
TOTAL HYD.(ID= 1):	0.18	0.05	12.17	85.20
MAJOR SYS.(ID= 2):	0.01	0.01	12.17	85.20
MINOR SYS.(ID= 3):	0.17	0.04	12.07	85.20

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB
STANDHYD (0212)| Area (ha)= 1.77
ID= 1 DT= 1.0 min | Total Imp(%)= 50.00 Dir. Conn.(%)= 50.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.89	0.89
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	33.00
Length	(m)=	108.63	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69
0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69
0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69
0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69
1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69
1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13
2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13

25-yr 24hr SCS Type II

3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13
6.033	1.50	12.083	114.84	18.133	1.69		
6.050	1.50	12.100	114.84	18.150	1.69		

Max.Eff.Inten.(mm/hr)=	114.84	77.06	
over (min)	5.00	4.00	
Storage Coeff. (min)=	2.54 (ii)	3.79 (ii)	
Unit Hyd. Tpeak (min)=	5.00	4.00	
Unit Hyd. peak (cms)=	0.33	0.29	
			TOTALS
PEAK FLOW (cms)=	0.28	0.18	0.456 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	92.82	51.79	72.31
TOTAL RAINFALL (mm)=	93.82	93.82	93.82
RUNOFF COEFFICIENT =	0.99	0.55	0.77

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0024)				
1 + 2 = 3	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
ID1= 1 (0204):	16.91	4.550	12.17	79.76
+ ID2= 2 (0212):	1.77	0.456	12.17	72.31
ID = 3 (0024):	18.68	5.007	12.17	79.05

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0024)				
3 + 2 = 1	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
ID1= 3 (0024):	18.68	5.007	12.17	79.05
+ ID2= 2 (0023):	0.17	0.039	12.07	85.20
ID = 1 (0024):	18.85	5.046	12.17	79.11

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

RESERVOIR(0002)	OVERFLOW IS OFF			
IN= 2---> OUT= 1				
DT= 1.0 min	OUTFLOW (cms)	STORAGE (ha.m.)	OUTFLOW (cms)	STORAGE (ha.m.)
	0.0000	0.0000	0.4535	0.8095
	0.0049	0.0710	0.5215	0.9015
	0.0085	0.1443	0.5814	0.9955
	0.0110	0.2200	0.6357	1.0914
	0.0130	0.2982	0.8135	1.1894
	0.0340	0.3786	1.1256	1.2893
	0.0891	0.4610	1.5570	1.3912
	0.1705	0.5453	2.1096	1.4952
	0.2689	0.6314	2.7880	1.6010
	0.3715	0.7195	3.5978	1.7088

	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
INFLOW : ID= 2 (0024)	18.853	5.046	12.17	79.11
OUTFLOW: ID= 1 (0002)	18.853	0.520	12.75	61.86

PEAK FLOW REDUCTION [Qout/Qin](%)= 10.30
TIME SHIFT OF PEAK FLOW (min)= 35.00
MAXIMUM STORAGE USED (ha.m.)= 0.8994

CALIB			
STANDHYD (0203)	Area (ha)= 1.05		
ID= 1 DT= 1.0 min	Total Imp(%)= 28.00	Dir. Conn.(%)= 14.00	
	IMPERVIOUS	PERVIOUS (i)	
Surface Area (ha)=	0.29	0.76	
Dep. Storage (mm)=	1.00	5.00	
Average Slope (%)=	1.00	2.00	
Length (m)=	70.00	10.00	
Mannings n =	0.013	0.250	

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69
0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69
0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69

25-yr 24hr SCS Type II

0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69
1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69
1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13
2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13
3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13

25-yr 24hr SCS Type II

5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13	1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13	1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13	1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13	1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13	1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13	1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13	1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13	1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13	1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13	1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13	1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13	1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13	1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13	1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13	1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13	1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13	1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13	1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13	1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13	1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13	1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13	1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13	1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13	1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13	1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
6.033	1.50	12.083	114.84	18.133	1.69			1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
6.050	1.50	12.100	114.84	18.150	1.69			1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
								1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
								1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
								1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
								1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
								1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
								1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
								1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
								1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
								1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
								1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
								1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
								1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
								1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
								1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
								1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
								1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
								1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
								2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
								2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
								2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
								2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
								2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
								2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
								2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
								2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
								2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
								2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13
								2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
								2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
								2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
								2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
								2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
								2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
								2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
								2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
								2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
								2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
								2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
								2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
								2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
								2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
								2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
								2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
								2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
								2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
								2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
								2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
								2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
								2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
								2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
								2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
								2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
								2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
								2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
								2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
								2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
								2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
								2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
								2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
								2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
								2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
								2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
								2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
								2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
								2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
								2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
								2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
								2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
								2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
								2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
								2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
								2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
								2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
								2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
								2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
								2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
								2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
								3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
								3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
								3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
								3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
								3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
								3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
								3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
								3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
								3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
								3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
								3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
								3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
								3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
								3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
								3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
								3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
								3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
								3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
								3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
								3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
								3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
								3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
								3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
								3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
								3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
								3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
								3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
								3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
								3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
								3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
								3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
								3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
								3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
								3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
								3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
								3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
								3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13
								3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
								3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13

Max.Eff.Inten.(mm/hr)= 114.84 99.28
over (min) 5.00 8.00
Storage Coeff. (min)= 1.95 (ii) 7.55 (ii)
Unit Hyd. Tpeak (min)= 5.00 8.00
Unit Hyd. peak (cms)= 0.38 0.15
TOTALS
PEAK FLOW (cms)= 0.05 0.16 0.202 (iii)
TIME TO PEAK (hrs)= 12.17 12.22 12.18
RUNOFF VOLUME (mm)= 92.82 56.25 61.38
TOTAL RAINFALL (mm)= 93.82 93.82 93.82
RUNOFF COEFFICIENT = 0.99 0.60 0.65

***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
STANDHYD (0205)	Area (ha)= 0.28				
ID= 1 DT= 1.0 min	Total Imp(%)= 20.00	Dir. Conn.(%)= 0.01			

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.22
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69
0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69
0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69
0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69
1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69

25-yr 24hr SCS Type II

3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13
6.033	1.50	12.083	114.84	18.133	1.69		
6.050	1.50	12.100	114.84	18.150	1.69		

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      Max.Eff.Inten.(mm/hr)=      114.84       105.71
                 over (min)         5.00         5.00
      Storage Coeff.  (min)=        0.40 (ii)    4.23 (ii)
      Unit Hyd. Tpeak (min)=        5.00         5.00
      Unit Hyd. peak  (cms)=        0.55         0.25
                                                          *TOTALS*
      PEAK FLOW       (cms)=        0.00         0.06        0.060 (iii)
      TIME TO PEAK    (hrs)=       12.12        12.17        12.17
      RUNOFF VOLUME    (mm)=       92.82        57.37        57.37
      TOTAL RAINFALL   (mm)=       93.82        93.82        93.82
      RUNOFF COEFFICIENT   =        0.99         0.61         0.61

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
              YOU SHOULD CONSIDER SPLITTING THE AREA.

        (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
            CN*  =  80.0    Ia = Dep. Storage  (Above)
       (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
            THAN THE STORAGE COEFFICIENT.
      (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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--------------------
| ADD HYD  (  0007)|
|   1 +  2 =  3    |        AREA    QPEAK    TPEAK      R.V.
--------------------        (ha)    (cms)    (hrs)      (mm)
       ID1= 1 (  0002):    18.85    0.520    12.75     61.86
     + ID2= 2 (  0203):     1.05    0.202    12.18     61.38
       ==========================================================
       ID = 3 (  0007):    19.90    0.620    12.25     61.83

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
--------------------------------------------------------------------------------

--------------------
| ADD HYD  (  0007)|
|   3 +  2 =  1    |        AREA    QPEAK    TPEAK      R.V.
--------------------        (ha)    (cms)    (hrs)      (mm)
       ID1= 3 (  0007):    19.90    0.620    12.25     61.83
     + ID2= 2 (  0205):     0.28    0.060    12.17     57.37
       ==========================================================
       ID = 1 (  0007):    20.18    0.667    12.23     61.77

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
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| CALIB            |
| STANDHYD (  0208)|   Area     (ha)=   0.61
|ID= 1 DT= 1.0 min |   Total Imp(%)=  45.00   Dir. Conn.(%)=   0.01
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                          IMPERVIOUS    PERVIOUS (i)
      Surface Area     (ha)=       0.27         0.34
      Dep. Storage     (mm)=       1.00         5.00
      Average Slope     (%)=       1.00         2.00
      Length            (m)=       5.00        25.00
      Mannings n          =        0.013        0.250

         NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.
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---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69
0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69
0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69
0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69
1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69

25-yr 24hr SCS Type II

1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13
2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13
3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13

25-yr 24hr SCS Type II

	6.033	1.50	12.083	114.84	18.133	1.69	
	6.050	1.50	12.100	114.84	18.150	1.69	

Max.Eff.Inten.(mm/hr)=		114.84	172.90	
over (min)		5.00	5.00	
Storage Coeff. (min)=		0.40 (ii)	4.68 (ii)	
Unit Hyd. Tpeak (min)=		5.00	5.00	
Unit Hyd. peak (cms)=		0.55	0.24	
			TOTALS	
PEAK FLOW	(cms)=	0.00	0.15	0.146 (iii)
TIME TO PEAK	(hrs)=	12.13	12.17	12.17
RUNOFF VOLUME	(mm)=	92.82	65.82	65.82
TOTAL RAINFALL	(mm)=	93.82	93.82	93.82
RUNOFF COEFFICIENT	=	0.99	0.70	0.70

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
STANDHYD (0209)	Area	(ha)=	0.06		
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)=	0.01	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.01	0.05
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69
0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69
0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69
0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69
1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69
1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13
2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13
3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13

25-yr 24hr SCS Type II

4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13
6.033	1.50	12.083	114.84	18.133	1.69		
6.050	1.50	12.100	114.84	18.150	1.69		

Max.Eff.Inten.(mm/hr)=	114.84	115.44	
over (min)	5.00	3.00	
Storage Coeff. (min)=	0.40 (ii)	2.31 (ii)	
Unit Hyd. Tpeak (min)=	5.00	3.00	
Unit Hyd. peak (cms)=	0.55	0.44	
			TOTALS
PEAK FLOW (cms)=	0.00	0.01	0.015 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	92.82	58.91	58.90
TOTAL RAINFALL (mm)=	93.82	93.82	93.82
RUNOFF COEFFICIENT =	0.99	0.63	0.63

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
NASHYD (0201)	Area (ha)= 2.54	Curve Number (CN)= 79.0	
ID= 1 DT= 1.0 min	Ia (mm)= 6.35	# of Linear Res.(N)= 3.00	
	U.H. Tp(hrs)= 0.11		

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69
0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69
0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69
0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69
1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69
1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13

25-yr 24hr SCS Type II

2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13
3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13
6.033	1.50	12.083	114.84	18.133	1.69		
6.050	1.50	12.100	114.84	18.150	1.69		

Unit Hyd Qpeak (cms)= 0.882

PEAK FLOW (cms)= 0.431 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 40.828
TOTAL RAINFALL (mm)= 93.821
RUNOFF COEFFICIENT = 0.435

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB
STANDHYD (0202) | Area (ha)= 0.33
ID= 1 DT= 1.0 min | Total Imp(%)= 70.00 Dir. Conn.(%)= 30.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.23	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	30.00	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69

25-yr 24hr SCS Type II

0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69
0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69
0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69
1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69
1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13
2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13
3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13

25-yr 24hr SCS Type II

5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13	0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13	0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13	0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13	0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13	0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13	0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13	0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13	0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13	0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13	0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13	1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13	1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13	1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13	1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13	1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13	1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13	1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13	1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13	1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13	1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13	1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13	1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13	1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13	1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13	1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13	1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13	1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13	1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13	1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13	1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13	1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13	1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13	1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13	1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13	1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13	1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13	1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13	1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13	1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13	1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13	1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13	1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13	1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13	1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13	1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13	1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13	1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13	1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13	1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13	1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13	1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13	1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13	1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
6.033	1.50	12.083	114.84	18.133	1.69			1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
6.050	1.50	12.100	114.84	18.150	1.69			1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
								1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
								1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
								1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
								1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
								1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
								1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
								1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
								1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
								1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
								1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
								1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
								1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
								1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
								1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
								1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
								2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
								2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
								2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
								2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
								2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
								2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
								2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
								2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
								2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
								2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13
								2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
								2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
								2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
								2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
								2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
								2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
								2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
								2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
								2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
								2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
								2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
								2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
								2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
								2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
								2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
								2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
								2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
								2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
								2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
								2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
								2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
								2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
								2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
								2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
								2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
								2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
								2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
								2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
								2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
								2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
								2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
								2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
								2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
								2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
								2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
								2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
								2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
								2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
								2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
								2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
								2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
								2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
								2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
								2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
								2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
								2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
								2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
								2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
								2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
								2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
								3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
								3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
								3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
								3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
								3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
								3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
								3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
								3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
								3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
								3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
								3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
								3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
								3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13

Max.Eff.Inten.(mm/hr)= 114.84 234.57
over (min) 5.00 5.00
Storage Coeff. (min)= 1.17 (ii) 4.08 (ii)
Unit Hyd. Tpeak (min)= 5.00 5.00
Unit Hyd. peak (cms)= 0.45 0.26

TOTALS
PEAK FLOW (cms)= 0.03 0.06 0.091 (iii)
TIME TO PEAK (hrs)= 12.17 12.17 12.17
RUNOFF VOLUME (mm)= 92.82 70.69 77.32
TOTAL RAINFALL (mm)= 93.82 93.82 93.82
RUNOFF COEFFICIENT = 0.99 0.75 0.82

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0210)	Area (ha)=	0.10	
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.08
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	5.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69
0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69

25-yr 24hr SCS Type II

3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13
3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13
6.033	1.50	12.083	114.84	18.133	1.69		
6.050	1.50	12.100	114.84	18.150	1.69		

Max.Eff.Inten.(mm/hr)=		114.84	115.44
over (min)		5.00	2.00
Storage Coeff. (min)=		0.40 (ii)	1.85 (ii)
Unit Hyd. Tpeak (min)=		5.00	2.00
Unit Hyd. peak (cms)=		0.55	0.59
			TOTALS
PEAK FLOW	(cms)=	0.00	0.02	0.025 (iii)
TIME TO PEAK	(hrs)=	12.12	12.17	12.17
RUNOFF VOLUME	(mm)=	92.82	58.91	58.91
TOTAL RAINFALL	(mm)=	93.82	93.82	93.82
RUNOFF COEFFICIENT	=	0.99	0.63	0.63

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0015)|	AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0201):		2.54	0.431	12.20	40.83
+ ID2= 2 (0202):		0.33	0.091	12.17	77.32
ID = 3 (0015):		2.87	0.517	12.18	52.58

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0015)|	AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
ID1= 3 (0015):		2.87	0.517	12.18	52.58
+ ID2= 2 (0210):		0.10	0.025	12.17	58.91
ID = 1 (0015):		2.97	0.538	12.18	52.79

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB				
STANDHYD (0206)|	Area	(ha)=	0.13	
ID= 1 DT= 1.0 min		Total Imp(%)=	25.00	Dir. Conn.(%)=	0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69
0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69

25-yr 24hr SCS Type II

0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69
0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69
1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69
1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13
2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13
3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13

25-yr 24hr SCS Type II

5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13
5.750	1.50	11.800	27.76	17.850	1.69	23.90	1.13
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13
6.033	1.50	12.083	114.84	18.133	1.69		
6.050	1.50	12.100	114.84	18.150	1.69		

Max.Eff.Inten.(mm/hr)=	114.84	115.44	
over (min)	5.00	5.00	
Storage Coeff. (min)=	0.40 (ii)	4.10 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.55	0.26	
		TOTALS	
PEAK FLOW (cms)=	0.00	0.03	0.029 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	92.82	58.91	58.90
TOTAL RAINFALL (mm)=	93.82	93.82	93.82
RUNOFF COEFFICIENT =	0.99	0.63	0.63

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB											
STANDHYD (0207)	Area (ha)= 0.25										
ID= 1 DT= 1.0 min	Total Imp(%)= 25.00	Dir. Conn.(%)= 0.01									

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.19
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.50	12.117	114.84	18.17	1.69
0.033	0.00	6.083	1.50	12.133	114.84	18.18	1.69
0.050	0.00	6.100	1.50	12.150	114.84	18.20	1.69
0.067	0.00	6.117	1.50	12.167	114.84	18.22	1.69
0.083	0.00	6.133	1.50	12.183	13.60	18.23	1.69
0.100	0.00	6.150	1.50	12.200	13.51	18.25	1.69
0.117	0.00	6.167	1.50	12.217	13.51	18.27	1.69
0.133	0.00	6.183	1.69	12.233	13.51	18.28	1.69
0.150	0.00	6.200	1.69	12.250	13.51	18.30	1.69
0.167	0.00	6.217	1.69	12.267	13.51	18.32	1.69
0.183	1.03	6.233	1.69	12.283	13.51	18.33	1.69
0.200	1.03	6.250	1.69	12.300	13.51	18.35	1.69
0.217	1.03	6.267	1.69	12.317	13.51	18.37	1.69
0.233	1.03	6.283	1.69	12.333	13.51	18.38	1.69
0.250	1.03	6.300	1.69	12.350	13.51	18.40	1.69
0.267	1.03	6.317	1.69	12.367	13.51	18.42	1.69
0.283	1.03	6.333	1.69	12.383	13.51	18.43	1.69
0.300	1.03	6.350	1.69	12.400	13.51	18.45	1.69
0.317	1.03	6.367	1.69	12.417	13.51	18.47	1.69
0.333	1.03	6.383	1.69	12.433	13.51	18.48	1.69
0.350	1.03	6.400	1.69	12.450	13.51	18.50	1.69
0.367	1.03	6.417	1.69	12.467	13.51	18.52	1.69
0.383	1.03	6.433	1.69	12.483	13.51	18.53	1.69
0.400	1.03	6.450	1.69	12.500	13.51	18.55	1.69
0.417	1.03	6.467	1.69	12.517	13.51	18.57	1.69
0.433	1.03	6.483	1.69	12.533	13.51	18.58	1.69
0.450	1.03	6.500	1.69	12.550	13.51	18.60	1.69
0.467	1.03	6.517	1.69	12.567	13.51	18.62	1.69
0.483	1.03	6.533	1.69	12.583	13.51	18.63	1.69
0.500	1.03	6.550	1.69	12.600	13.51	18.65	1.69
0.517	1.03	6.567	1.69	12.617	13.51	18.67	1.69
0.533	1.03	6.583	1.69	12.633	13.51	18.68	1.69
0.550	1.03	6.600	1.69	12.650	13.51	18.70	1.69
0.567	1.03	6.617	1.69	12.667	13.51	18.72	1.69
0.583	1.03	6.633	1.69	12.683	6.95	18.73	1.69
0.600	1.03	6.650	1.69	12.700	6.94	18.75	1.69
0.617	1.03	6.667	1.69	12.717	6.94	18.77	1.69
0.633	1.03	6.683	1.69	12.733	6.94	18.78	1.69
0.650	1.03	6.700	1.69	12.750	6.94	18.80	1.69
0.667	1.03	6.717	1.69	12.767	6.94	18.82	1.69
0.683	1.03	6.733	1.69	12.783	6.94	18.83	1.69
0.700	1.03	6.750	1.69	12.800	6.94	18.85	1.69
0.717	1.03	6.767	1.69	12.817	6.94	18.87	1.69
0.733	1.03	6.783	1.69	12.833	6.94	18.88	1.69
0.750	1.03	6.800	1.69	12.850	6.94	18.90	1.69
0.767	1.03	6.817	1.69	12.867	6.94	18.92	1.69
0.783	1.03	6.833	1.69	12.883	6.94	18.93	1.69
0.800	1.03	6.850	1.69	12.900	6.94	18.95	1.69
0.817	1.03	6.867	1.69	12.917	6.94	18.97	1.69
0.833	1.03	6.883	1.69	12.933	6.94	18.98	1.69
0.850	1.03	6.900	1.69	12.950	6.94	19.00	1.69
0.867	1.03	6.917	1.69	12.967	6.94	19.02	1.69
0.883	1.03	6.933	1.69	12.983	6.94	19.03	1.69
0.900	1.03	6.950	1.69	13.000	6.94	19.05	1.69
0.917	1.03	6.967	1.69	13.017	6.94	19.07	1.69
0.933	1.03	6.983	1.69	13.033	6.94	19.08	1.69
0.950	1.03	7.000	1.69	13.050	6.94	19.10	1.69
0.967	1.03	7.017	1.69	13.067	6.94	19.12	1.69
0.983	1.03	7.033	1.69	13.083	6.94	19.13	1.69
1.000	1.03	7.050	1.69	13.100	6.94	19.15	1.69
1.017	1.03	7.067	1.69	13.117	6.94	19.17	1.69
1.033	1.03	7.083	1.69	13.133	6.94	19.18	1.69
1.050	1.03	7.100	1.69	13.150	6.94	19.20	1.69
1.067	1.03	7.117	1.69	13.167	6.94	19.22	1.69
1.083	1.03	7.133	1.69	13.183	5.07	19.23	1.69
1.100	1.03	7.150	1.69	13.200	5.07	19.25	1.69
1.117	1.03	7.167	1.69	13.217	5.07	19.27	1.69
1.133	1.03	7.183	2.06	13.233	5.07	19.28	1.69
1.150	1.03	7.200	2.06	13.250	5.07	19.30	1.69
1.167	1.03	7.217	2.06	13.267	5.07	19.32	1.69
1.183	1.03	7.233	2.06	13.283	5.07	19.33	1.69
1.200	1.03	7.250	2.06	13.300	5.07	19.35	1.69
1.217	1.03	7.267	2.06	13.317	5.07	19.37	1.69
1.233	1.03	7.283	2.06	13.333	5.07	19.38	1.69
1.250	1.03	7.300	2.06	13.350	5.07	19.40	1.69
1.267	1.03	7.317	2.06	13.367	5.07	19.42	1.69
1.283	1.03	7.333	2.06	13.383	5.07	19.43	1.69
1.300	1.03	7.350	2.06	13.400	5.07	19.45	1.69
1.317	1.03	7.367	2.06	13.417	5.07	19.47	1.69
1.333	1.03	7.383	2.06	13.433	5.07	19.48	1.69
1.350	1.03	7.400	2.06	13.450	5.07	19.50	1.69
1.367	1.03	7.417	2.06	13.467	5.07	19.52	1.69
1.383	1.03	7.433	2.06	13.483	5.07	19.53	1.69
1.400	1.03	7.450	2.06	13.500	5.07	19.55	1.69
1.417	1.03	7.467	2.06	13.517	5.07	19.57	1.69
1.433	1.03	7.483	2.06	13.533	5.07	19.58	1.69
1.450	1.03	7.500	2.06	13.550	5.07	19.60	1.69
1.467	1.03	7.517	2.06	13.567	5.07	19.62	1.69
1.483	1.03	7.533	2.06	13.583	5.07	19.63	1.69
1.500	1.03	7.550	2.06	13.600	5.07	19.65	1.69
1.517	1.03	7.567	2.06	13.617	5.07	19.67	1.69
1.533	1.03	7.583	2.06	13.633	5.07	19.68	1.69
1.550	1.03	7.600	2.06	13.650	5.07	19.70	1.69
1.567	1.03	7.617	2.06	13.667	5.07	19.72	1.69
1.583	1.03	7.633	2.06	13.683	3.94	19.73	1.69
1.600	1.03	7.650	2.06	13.700	3.94	19.75	1.69
1.617	1.03	7.667	2.06	13.717	3.94	19.77	1.69
1.633	1.03	7.683	2.06	13.733	3.94	19.78	1.69
1.650	1.03	7.700	2.06	13.750	3.94	19.80	1.69
1.667	1.03	7.717	2.06	13.767	3.94	19.82	1.69
1.683	1.03	7.733	2.06	13.783	3.94	19.83	1.69
1.700	1.03	7.750	2.06	13.800	3.94	19.85	1.69
1.717	1.03	7.767	2.06	13.817	3.94	19.87	1.69
1.733	1.03	7.783	2.06	13.833	3.94	19.88	1.69
1.750	1.03	7.800	2.06	13.850	3.94	19.90	1.69
1.767	1.03	7.817	2.06	13.867	3.94	19.92	1.69
1.783	1.03	7.833	2.06	13.883	3.94	19.93	1.69
1.800	1.03	7.850	2.06	13.900	3.94	19.95	1.69
1.817	1.03	7.867	2.06	13.917	3.94	19.97	1.69
1.833	1.03	7.883	2.06	13.933	3.94	19.98	1.69
1.850	1.03	7.900	2.06	13.950	3.94	20.00	1.69
1.867	1.03	7.917	2.06	13.967	3.94	20.02	1.69
1.883	1.03	7.933	2.06	13.983	3.94	20.03	1.69
1.900	1.03	7.950	2.06	14.000	3.94	20.05	1.69
1.917	1.03	7.967	2.06	14.017	3.94	20.07	1.69
1.933	1.03	7.983	2.06	14.033	3.94	20.08	1.69
1.950	1.03	8.000	2.06	14.050	3.94	20.10	1.69
1.967	1.03	8.017	2.06	14.067	3.94	20.12	1.69
1.983	1.03	8.033	2.06	14.083	3.94	20.13	1.69
2.000	1.03	8.050	2.06	14.100	3.94	20.15	1.69
2.017	1.03	8.067	2.06	14.117	3.94	20.17	1.69
2.033	1.03	8.083	2.06	14.133	3.94	20.18	1.13
2.050	1.03	8.100	2.06	14.150	3.94	20.20	1.13
2.067	1.03	8.117	2.06	14.167	3.94	20.22	1.13
2.083	1.03	8.133	2.06	14.183	2.82	20.23	1.13
2.100	1.03	8.150	2.06	14.200	2.81	20.25	1.13
2.117	1.03	8.167	2.07	14.217	2.81	20.27	1.13
2.133	1.03	8.183	2.44	14.233	2.81	20.28	1.13
2.150	1.03	8.200	2.44	14.250	2.81	20.30	1.13
2.167	1.03	8.217	2.44	14.267	2.81	20.32	1.13
2.183	1.22	8.233	2.44	14.283	2.81	20.33	1.13
2.200	1.22	8.250	2.44	14.300	2.81	20.35	1.13
2.217	1.22	8.267	2.44	14.317	2.81	20.37	1.13
2.233	1.22	8.283	2.44	14.333	2.81	20.38	1.13
2.250	1.22	8.300	2.44	14.350	2.81	20.40	1.13
2.267	1.22	8.317	2.44	14.367	2.81	20.42	1.13
2.283	1.22	8.333	2.44	14.383	2.81	20.43	1.13
2.300	1.22	8.350	2.44	14.400	2.81	20.45	1.13
2.317	1.22	8.367	2.44	14.417	2.81	20.47	1.13
2.333	1.22	8.383	2.44	14.433	2.81	20.48	1.13
2.350	1.22	8.400	2.44	14.450	2.81	20.50	1.13
2.367	1.22	8.417	2.44	14.467	2.81	20.52	1.13
2.383	1.22	8.433	2.44	14.483	2.81	20.53	1.13
2.400	1.22	8.450	2.44	14.500	2.81	20.55	1.13
2.417	1.22	8.467	2.44	14.517	2.81	20.57	1.13
2.433	1.22	8.483	2.44	14.533	2.81	20.58	1.13
2.450	1.22	8.500	2.44	14.550	2.81	20.60	1.13
2.467	1.22	8.517	2.44	14.567	2.81	20.62	1.13
2.483	1.22	8.533	2.44	14.583	2.81	20.63	1.13
2.500	1.22	8.550	2.44	14.600	2.81	20.65	1.13
2.517	1.22	8.567	2.44	14.617	2.81	20.67	1.13
2.533	1.22	8.583	2.44	14.633	2.81	20.68	1.13
2.550	1.22	8.600	2.44	14.650	2.81	20.70	1.13
2.567	1.22	8.617	2.44	14.667	2.81	20.72	1.13
2.583	1.22	8.633	2.44	14.683	2.81	20.73	1.13
2.600	1.22	8.650	2.44	14.700	2.81	20.75	1.13
2.617	1.22	8.667	2.44	14.717	2.81	20.77	1.13
2.633	1.22	8.683	2.63	14.733	2.81	20.78	1.13
2.650	1.22	8.700	2.63	14.750	2.81	20.80	1.13
2.667	1.22	8.717	2.63	14.767	2.81	20.82	1.13
2.683	1.22	8.733	2.63	14.783	2.81	20.83	1.13
2.700	1.22	8.750	2.63	14.800	2.81	20.85	1.13
2.717	1.22	8.767	2.63	14.817	2.81	20.87	1.13
2.733	1.22	8.783	2.63	14.833	2.81	20.88	1.13
2.750	1.22	8.800	2.63	14.850	2.81	20.90	1.13
2.767	1.22	8.817	2.63	14.867	2.81	20.92	1.13
2.783	1.22	8.833	2.63	14.883	2.81	20.93	1.13
2.800	1.22	8.850	2.63	14.900	2.81	20.95	1.13
2.817	1.22	8.867	2.63	14.917	2.81	20.97	1.13
2.833	1.22	8.883	2.63	14.933	2.81	20.98	1.13
2.850	1.22	8.900	2.63	14.950	2.81	21.00	1.13
2.867	1.22	8.917	2.63	14.967	2.81	21.02	1.13
2.883	1.22	8.933	2.63	14.983	2.81	21.03	1.13
2.900	1.22	8.950	2.63	15.000	2.81	21.05	1.13
2.917	1.22	8.967	2.63	15.017	2.81	21.07	1.13
2.933	1.22	8.983	2.63	15.033	2.81	21.08	1.13
2.950	1.22	9.000	2.63	15.050	2.81	21.10	1.13
2.967	1.22	9.017	2.63	15.067	2.81	21.12	1.13
2.983	1.22	9.033	2.63	15.083	2.81	21.13	1.13
3.000	1.22	9.050	2.63	15.100	2.81	21.15	1.13
3.017	1.22	9.067	2.63	15.117	2.81	21.17	1.13
3.033	1.22	9.083	2.63	15.133	2.81	21.18	1.13
3.050	1.22	9.100	2.63	15.150	2.81	21.20	1.13
3.067	1.22	9.117	2.63	15.167	2.81	21.22	1.13
3.083	1.22	9.133	2.63	15.183	2.81	21.23	1.13
3.100	1.22	9.150	2.63	15.200	2.81	21.25	1.13
3.117	1.22	9.167	2.63	15.217	2.81	21.27	1.13
3.133	1.22	9.183	3.00	15.233	2.81	21.28	1.13
3.150	1.22	9.200	3.00	15.250	2.81	21.30	1.13
3.167	1.22	9.217	3.00	15.267	2.81	21.32	1.13
3.183	1.22	9.233	3.00	15.283	2.81	21.33	1.13
3.200	1.22	9.250	3.00	15.300	2.81	21.35	1.13
3.217	1.22	9.267	3.00	15.317	2.81	21.37	1.13
3.233	1.22	9.283	3.00	15.333	2.81	21.38	1.13
3.250	1.22	9.300	3.00	15.350	2.81	21.40	1.13
3.267	1.22	9.317	3.00	15.367	2.81	21.42	1.13
3.283	1.22	9.333	3.00	15.383	2.81	21.43	1.13
3.300	1.22	9.350	3.00	15.400	2.81	21.45	1.13
3.317	1.22	9.367	3.00	15.417	2.81	21.47	1.13
3.333	1.22	9.383	3.00	15.433	2.81	21.48	1.13
3.350	1.22	9.400	3.00	15.450	2.81	21.50	1.13
3.367	1.22	9.417	3.00	15.467	2.81	21.52	1.13
3.383	1.22	9.433	3.00	15.483	2.81	21.53	1.13
3.400	1.22	9.450	3.00	15.500	2.81	21.55	1.13
3.417	1.22	9.467	3.00	15.517	2.81	21.57	1.13
3.433	1.22	9.483	3.00	15.533	2.81	21.58	1.13
3.450	1.22	9.500	3.00	15.550	2.81	21.60	1.13
3.467	1.22	9.517	3.00	15.567	2.81	21.62	1.13
3.483	1.22	9.533	3.00	15.583	2.81	21.63	1.13
3.500	1.22	9.550	3.00	15.600	2.81	21.65	1.13
3.517	1.22	9.567	3.00	15.617	2.81	21.67	1.13
3.533	1.22	9.583	3.00	15.633	2.81	21.68	1.13
3.550	1.22	9.600	3.00	15.650	2.81	21.70	1.13
3.567	1.22	9.617	3.00	15.667	2.81	21.72	1.13
3.583	1.22	9.633	3.00	15.683	2.81	21.73	1.13
3.600	1.22	9.650	3.00	15.700	2.81	21.75	1.13

25-yr 24hr SCS Type II

3.617	1.22	9.667	3.00	15.717	2.81	21.77	1.13
3.633	1.22	9.683	3.38	15.733	2.81	21.78	1.13
3.650	1.22	9.700	3.38	15.750	2.81	21.80	1.13
3.667	1.22	9.717	3.38	15.767	2.81	21.82	1.13
3.683	1.22	9.733	3.38	15.783	2.81	21.83	1.13
3.700	1.22	9.750	3.38	15.800	2.81	21.85	1.13
3.717	1.22	9.767	3.38	15.817	2.81	21.87	1.13
3.733	1.22	9.783	3.38	15.833	2.81	21.88	1.13
3.750	1.22	9.800	3.38	15.850	2.81	21.90	1.13
3.767	1.22	9.817	3.38	15.867	2.81	21.92	1.13
3.783	1.22	9.833	3.38	15.883	2.81	21.93	1.13
3.800	1.22	9.850	3.38	15.900	2.81	21.95	1.13
3.817	1.22	9.867	3.38	15.917	2.81	21.97	1.13
3.833	1.22	9.883	3.38	15.933	2.81	21.98	1.13
3.850	1.22	9.900	3.38	15.950	2.81	22.00	1.13
3.867	1.22	9.917	3.38	15.967	2.81	22.02	1.13
3.883	1.22	9.933	3.38	15.983	2.81	22.03	1.13
3.900	1.22	9.950	3.38	16.000	2.81	22.05	1.13
3.917	1.22	9.967	3.38	16.017	2.81	22.07	1.13
3.933	1.22	9.983	3.38	16.033	2.81	22.08	1.13
3.950	1.22	10.000	3.38	16.050	2.81	22.10	1.13
3.967	1.22	10.017	3.38	16.067	2.81	22.12	1.13
3.983	1.22	10.033	3.38	16.083	2.81	22.13	1.13
4.000	1.22	10.050	3.38	16.100	2.81	22.15	1.13
4.017	1.22	10.067	3.38	16.117	2.81	22.17	1.13
4.033	1.22	10.083	3.38	16.133	2.81	22.18	1.13
4.050	1.22	10.100	3.38	16.150	2.81	22.20	1.13
4.067	1.22	10.117	3.38	16.167	2.81	22.22	1.13
4.083	1.22	10.133	3.38	16.183	1.69	22.23	1.13
4.100	1.22	10.150	3.38	16.200	1.69	22.25	1.13
4.117	1.22	10.167	3.38	16.217	1.69	22.27	1.13
4.133	1.22	10.183	4.32	16.233	1.69	22.28	1.13
4.150	1.22	10.200	4.32	16.250	1.69	22.30	1.13
4.167	1.22	10.217	4.32	16.267	1.69	22.32	1.13
4.183	1.50	10.233	4.32	16.283	1.69	22.33	1.13
4.200	1.50	10.250	4.32	16.300	1.69	22.35	1.13
4.217	1.50	10.267	4.32	16.317	1.69	22.37	1.13
4.233	1.50	10.283	4.32	16.333	1.69	22.38	1.13
4.250	1.50	10.300	4.32	16.350	1.69	22.40	1.13
4.267	1.50	10.317	4.32	16.367	1.69	22.42	1.13
4.283	1.50	10.333	4.32	16.383	1.69	22.43	1.13
4.300	1.50	10.350	4.32	16.400	1.69	22.45	1.13
4.317	1.50	10.367	4.32	16.417	1.69	22.47	1.13
4.333	1.50	10.383	4.32	16.433	1.69	22.48	1.13
4.350	1.50	10.400	4.32	16.450	1.69	22.50	1.13
4.367	1.50	10.417	4.32	16.467	1.69	22.52	1.13
4.383	1.50	10.433	4.32	16.483	1.69	22.53	1.13
4.400	1.50	10.450	4.32	16.500	1.69	22.55	1.13
4.417	1.50	10.467	4.32	16.517	1.69	22.57	1.13
4.433	1.50	10.483	4.32	16.533	1.69	22.58	1.13
4.450	1.50	10.500	4.32	16.550	1.69	22.60	1.13
4.467	1.50	10.517	4.32	16.567	1.69	22.62	1.13
4.483	1.50	10.533	4.32	16.583	1.69	22.63	1.13
4.500	1.50	10.550	4.32	16.600	1.69	22.65	1.13
4.517	1.50	10.567	4.32	16.617	1.69	22.67	1.13
4.533	1.50	10.583	4.32	16.633	1.69	22.68	1.13
4.550	1.50	10.600	4.32	16.650	1.69	22.70	1.13
4.567	1.50	10.617	4.32	16.667	1.69	22.72	1.13
4.583	1.50	10.633	4.32	16.683	1.69	22.73	1.13
4.600	1.50	10.650	4.32	16.700	1.69	22.75	1.13
4.617	1.50	10.667	4.32	16.717	1.69	22.77	1.13
4.633	1.50	10.683	5.82	16.733	1.69	22.78	1.13
4.650	1.50	10.700	5.82	16.750	1.69	22.80	1.13
4.667	1.50	10.717	5.82	16.767	1.69	22.82	1.13
4.683	1.50	10.733	5.82	16.783	1.69	22.83	1.13
4.700	1.50	10.750	5.82	16.800	1.69	22.85	1.13
4.717	1.50	10.767	5.82	16.817	1.69	22.87	1.13
4.733	1.50	10.783	5.82	16.833	1.69	22.88	1.13
4.750	1.50	10.800	5.82	16.850	1.69	22.90	1.13
4.767	1.50	10.817	5.82	16.867	1.69	22.92	1.13
4.783	1.50	10.833	5.82	16.883	1.69	22.93	1.13
4.800	1.50	10.850	5.82	16.900	1.69	22.95	1.13
4.817	1.50	10.867	5.82	16.917	1.69	22.97	1.13
4.833	1.50	10.883	5.82	16.933	1.69	22.98	1.13
4.850	1.50	10.900	5.82	16.950	1.69	23.00	1.13
4.867	1.50	10.917	5.82	16.967	1.69	23.02	1.13
4.883	1.50	10.933	5.82	16.983	1.69	23.03	1.13
4.900	1.50	10.950	5.82	17.000	1.69	23.05	1.13
4.917	1.50	10.967	5.82	17.017	1.69	23.07	1.13
4.933	1.50	10.983	5.82	17.033	1.69	23.08	1.13
4.950	1.50	11.000	5.82	17.050	1.69	23.10	1.13
4.967	1.50	11.017	5.82	17.067	1.69	23.12	1.13
4.983	1.50	11.033	5.82	17.083	1.69	23.13	1.13
5.000	1.50	11.050	5.82	17.100	1.69	23.15	1.13
5.017	1.50	11.067	5.82	17.117	1.69	23.17	1.13
5.033	1.50	11.083	5.82	17.133	1.69	23.18	1.13
5.050	1.50	11.100	5.82	17.150	1.69	23.20	1.13
5.067	1.50	11.117	5.82	17.167	1.69	23.22	1.13
5.083	1.50	11.133	5.82	17.183	1.69	23.23	1.13
5.100	1.50	11.150	5.82	17.200	1.69	23.25	1.13
5.117	1.50	11.167	5.82	17.217	1.69	23.27	1.13
5.133	1.50	11.183	9.01	17.233	1.69	23.28	1.13
5.150	1.50	11.200	9.01	17.250	1.69	23.30	1.13
5.167	1.50	11.217	9.01	17.267	1.69	23.32	1.13
5.183	1.50	11.233	9.01	17.283	1.69	23.33	1.13
5.200	1.50	11.250	9.01	17.300	1.69	23.35	1.13
5.217	1.50	11.267	9.01	17.317	1.69	23.37	1.13
5.233	1.50	11.283	9.01	17.333	1.69	23.38	1.13
5.250	1.50	11.300	9.01	17.350	1.69	23.40	1.13
5.267	1.50	11.317	9.01	17.367	1.69	23.42	1.13
5.283	1.50	11.333	9.01	17.383	1.69	23.43	1.13
5.300	1.50	11.350	9.01	17.400	1.69	23.45	1.13
5.317	1.50	11.367	9.01	17.417	1.69	23.47	1.13
5.333	1.50	11.383	9.01	17.433	1.69	23.48	1.13
5.350	1.50	11.400	9.01	17.450	1.69	23.50	1.13
5.367	1.50	11.417	9.01	17.467	1.69	23.52	1.13
5.383	1.50	11.433	9.01	17.483	1.69	23.53	1.13
5.400	1.50	11.450	9.01	17.500	1.69	23.55	1.13
5.417	1.50	11.467	9.01	17.517	1.69	23.57	1.13
5.433	1.50	11.483	9.01	17.533	1.69	23.58	1.13
5.450	1.50	11.500	9.01	17.550	1.69	23.60	1.13
5.467	1.50	11.517	9.01	17.567	1.69	23.62	1.13
5.483	1.50	11.533	9.01	17.583	1.69	23.63	1.13
5.500	1.50	11.550	9.01	17.600	1.69	23.65	1.13
5.517	1.50	11.567	9.01	17.617	1.69	23.67	1.13
5.533	1.50	11.583	9.01	17.633	1.69	23.68	1.13
5.550	1.50	11.600	9.01	17.650	1.69	23.70	1.13
5.567	1.50	11.617	9.01	17.667	1.69	23.72	1.13
5.583	1.50	11.633	9.01	17.683	1.69	23.73	1.13
5.600	1.50	11.650	9.01	17.700	1.69	23.75	1.13
5.617	1.50	11.667	9.01	17.717	1.69	23.77	1.13
5.633	1.50	11.683	27.76	17.733	1.69	23.78	1.13
5.650	1.50	11.700	27.77	17.750	1.69	23.80	1.13
5.667	1.50	11.717	27.77	17.767	1.69	23.82	1.13
5.683	1.50	11.733	27.77	17.783	1.69	23.83	1.13
5.700	1.50	11.750	27.77	17.800	1.69	23.85	1.13
5.717	1.50	11.767	27.77	17.817	1.69	23.87	1.13
5.733	1.50	11.783	27.77	17.833	1.69	23.88	1.13
5.750	1.50	11.800	27.77	17.850	1.69	23.90	1.13
5.767	1.50	11.817	27.77	17.867	1.69	23.92	1.13
5.783	1.50	11.833	27.77	17.883	1.69	23.93	1.13
5.800	1.50	11.850	71.28	17.900	1.69	23.95	1.13
5.817	1.50	11.867	71.30	17.917	1.69	23.97	1.13
5.833	1.50	11.883	71.30	17.933	1.69	23.98	1.13
5.850	1.50	11.900	71.30	17.950	1.69	24.00	1.13
5.867	1.50	11.917	71.30	17.967	1.69	24.02	1.13
5.883	1.50	11.933	71.30	17.983	1.69	24.03	1.13
5.900	1.50	11.950	71.30	18.000	1.69	24.05	1.13
5.917	1.50	11.967	71.30	18.017	1.69	24.07	1.13
5.933	1.50	11.983	71.30	18.033	1.69	24.08	1.13
5.950	1.50	12.000	71.30	18.050	1.69	24.10	1.13
5.967	1.50	12.017	114.80	18.067	1.69	24.12	1.13
5.983	1.50	12.033	114.84	18.083	1.69	24.13	1.13
6.000	1.50	12.050	114.84	18.100	1.69	24.15	1.13
6.017	1.50	12.067	114.84	18.117	1.69	24.17	1.13
6.033	1.50	12.083	114.84	18.133	1.69		
6.050	1.50	12.100	114.84	18.150	1.69		

Max.Eff.Inten.(mm/hr)=	114.84	115.44	
over (min)	5.00	5.00	
Storage Coeff. (min)=	0.40 (ii)	4.10 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.55	0.26	
			TOTALS
PEAK FLOW (cms)=	0.00	0.06	0.056 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	92.82	58.91	58.91
TOTAL RAINFALL (mm)=	93.82	93.82	93.82
RUNOFF COEFFICIENT =	0.99	0.63	0.63

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0026)				
1 + 2 = 3	AREA	QPEAK	TPEAK	R.V.
	(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0206):	0.13	0.029	12.17	58.90
+ ID2= 2 (0207):	0.25	0.056	12.17	58.91
ID = 3 (0026):	0.38	0.084	12.17	58.90

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

50-yr 24hr SCS Type II

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================================================================================
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      V    V   I    SSSSS  U   U    A    L                (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
       V  V    I      SS   U   U  A   A  L
        VV     I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M M M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                    *****  D E T A I L E D    O U T P U T  *****

  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\e5719086-9bdc-4bfc-829b-e369f124e077\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\e5719086-9bdc-4bfc-829b-e369f124e077\scen


DATE: 11/01/2023                          TIME: 04:20:50

USER:


COMMENTS: _____

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  **********************************************
  ** SIMULATION : 050yr 24hr 10min SCS Type II  **
  **********************************************


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|    READ STORM     |    Filename: C:\Users\SAhonen\AppD
|                   |              ata\Local\Temp\
|                   |              c1647a78-757b-4305-aa52-b335c28469ae\29425357
| Ptotal=103.60 mm  |    Comments: 50yr 24hr 10min SCS Type II (MTO)
---------------------
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs  mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
                0.00    0.00 |  6.17    1.86 | 12.33   14.92 |  18.50    1.86
                0.17    1.14 |  6.33    1.86 | 12.50   14.92 |  18.67    1.86
                0.33    1.14 |  6.50    1.86 | 12.67    7.67 |  18.83    1.86
                0.50    1.14 |  6.67    1.86 | 12.83    7.67 |  19.00    1.86
                0.67    1.14 |  6.83    1.86 | 13.00    7.67 |  19.17    1.86
                0.83    1.14 |  7.00    1.86 | 13.17    5.59 |  19.33    1.86
                1.00    1.14 |  7.17    2.28 | 13.33    5.59 |  19.50    1.86
                1.17    1.14 |  7.33    2.28 | 13.50    5.59 |  19.67    1.86
                1.33    1.14 |  7.50    2.28 | 13.67    4.35 |  19.83    1.86
                1.50    1.14 |  7.67    2.28 | 13.83    4.35 |  20.00    1.86
                1.67    1.14 |  7.83    2.28 | 14.00    4.35 |  20.17    1.24
                1.83    1.14 |  8.00    2.28 | 14.17    3.11 |  20.33    1.24
                2.00    1.14 |  8.17    2.69 | 14.33    3.11 |  20.50    1.24
                2.17    1.35 |  8.33    2.69 | 14.50    3.11 |  20.67    1.24
                2.33    1.35 |  8.50    2.69 | 14.67    3.11 |  20.83    1.24
                2.50    1.35 |  8.67    2.90 | 14.83    3.11 |  21.00    1.24
                2.67    1.35 |  8.83    2.90 | 15.00    3.11 |  21.17    1.24
                2.83    1.35 |  9.00    2.90 | 15.17    3.11 |  21.33    1.24
                3.00    1.35 |  9.17    3.32 | 15.33    3.11 |  21.50    1.24
                3.17    1.35 |  9.33    3.32 | 15.50    3.11 |  21.67    1.24
                3.33    1.35 |  9.50    3.32 | 15.67    3.11 |  21.83    1.24
                3.50    1.35 |  9.67    3.73 | 15.83    3.11 |  22.00    1.24
                3.67    1.35 |  9.83    3.73 | 16.00    3.11 |  22.17    1.24
                3.83    1.35 | 10.00    3.73 | 16.17    1.86 |  22.33    1.24
                4.00    1.35 | 10.17    4.77 | 16.33    1.86 |  22.50    1.24
                4.17    1.66 | 10.33    4.77 | 16.50    1.86 |  22.67    1.24
                4.33    1.66 | 10.50    4.77 | 16.67    1.86 |  22.83    1.24
                4.50    1.66 | 10.67    6.42 | 16.83    1.86 |  23.00    1.24
                4.67    1.66 | 10.83    6.42 | 17.00    1.86 |  23.17    1.24
                4.83    1.66 | 11.00    6.42 | 17.17    1.86 |  23.33    1.24
                5.00    1.66 | 11.17    9.95 | 17.33    1.86 |  23.50    1.24
                5.17    1.66 | 11.33    9.95 | 17.50    1.86 |  23.67    1.24
                5.33    1.66 | 11.50    9.95 | 17.67    1.86 |  23.83    1.24
                5.50    1.66 | 11.67   30.67 | 17.83    1.86 |  24.00    1.24
                5.67    1.66 | 11.83   78.74 | 18.00    1.86 |
                5.83    1.66 | 12.00  126.81 | 18.17    1.86 |
                6.00    1.66 | 12.17   14.92 | 18.33    1.86 |

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| CALIB             |
| STANDHYD (  0204) |   Area    (ha)=  16.91
|ID= 1 DT= 1.0 min  |   Total Imp(%)=  75.00   Dir. Conn.(%)=  37.50
---------------------

                           IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=      12.68          4.23
     Dep. Storage     (mm)=       1.00          5.00
     Average Slope     (%)=       2.00          2.00
     Length            (m)=      40.00         30.00
     Mannings n           =      0.013         0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.


                              ---- TRANSFORMED HYETOGRAPH ----
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs  mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
               0.017    0.00 |  6.067    1.66 |12.117  126.81 |  18.17    1.86
               0.033    0.00 |  6.083    1.66 |12.133  126.81 |  18.18    1.86
               0.050    0.00 |  6.100    1.66 |12.150  126.81 |  18.20    1.86
               0.067    0.00 |  6.117    1.66 |12.167  126.81 |  18.22    1.86
               0.083    0.00 |  6.133    1.66 |12.183   15.01 |  18.23    1.86
               0.100    0.00 |  6.150    1.66 |12.200   14.92 |  18.25    1.86
               0.117    0.00 |  6.167    1.66 |12.217   14.92 |  18.27    1.86
               0.133    0.00 |  6.183    1.86 |12.233   14.92 |  18.28    1.86
               0.150    0.00 |  6.200    1.86 |12.250   14.92 |  18.30    1.86
               0.167    0.00 |  6.217    1.86 |12.267   14.92 |  18.32    1.86
               0.183    1.14 |  6.233    1.86 |12.283   14.92 |  18.33    1.86
               0.200    1.14 |  6.250    1.86 |12.300   14.92 |  18.35    1.86
               0.217    1.14 |  6.267    1.86 |12.317   14.92 |  18.37    1.86
               0.233    1.14 |  6.283    1.86 |12.333   14.92 |  18.38    1.86
               0.250    1.14 |  6.300    1.86 |12.350   14.92 |  18.40    1.86
               0.267    1.14 |  6.317    1.86 |12.367   14.92 |  18.42    1.86
               0.283    1.14 |  6.333    1.86 |12.383   14.92 |  18.43    1.86
               0.300    1.14 |  6.350    1.86 |12.400   14.92 |  18.45    1.86
               0.317    1.14 |  6.367    1.86 |12.417   14.92 |  18.47    1.86
               0.333    1.14 |  6.383    1.86 |12.433   14.92 |  18.48    1.86
               0.350    1.14 |  6.400    1.86 |12.450   14.92 |  18.50    1.86
               0.367    1.14 |  6.417    1.86 |12.467   14.92 |  18.52    1.86
               0.383    1.14 |  6.433    1.86 |12.483   14.92 |  18.53    1.86
               0.400    1.14 |  6.450    1.86 |12.500   14.92 |  18.55    1.86
               0.417    1.14 |  6.467    1.86 |12.517   14.92 |  18.57    1.86
               0.433    1.14 |  6.483    1.86 |12.533   14.92 |  18.58    1.86
               0.450    1.14 |  6.500    1.86 |12.550   14.92 |  18.60    1.86
               0.467    1.14 |  6.517    1.86 |12.567   14.92 |  18.62    1.86
               0.483    1.14 |  6.533    1.86 |12.583   14.92 |  18.63    1.86
               0.500    1.14 |  6.550    1.86 |12.600   14.92 |  18.65    1.86
               0.517    1.14 |  6.567    1.86 |12.617   14.92 |  18.67    1.86
               0.533    1.14 |  6.583    1.86 |12.633   14.92 |  18.68    1.86
               0.550    1.14 |  6.600    1.86 |12.650   14.92 |  18.70    1.86
               0.567    1.14 |  6.617    1.86 |12.667   14.92 |  18.72    1.86
               0.583    1.14 |  6.633    1.86 |12.683    7.68 |  18.73    1.86
               0.600    1.14 |  6.650    1.86 |12.700    7.67 |  18.75    1.86
               0.617    1.14 |  6.667    1.86 |12.717    7.67 |  18.77    1.86
               0.633    1.14 |  6.683    1.86 |12.733    7.67 |  18.78    1.86
               0.650    1.14 |  6.700    1.86 |12.750    7.67 |  18.80    1.86
               0.667    1.14 |  6.717    1.86 |12.767    7.67 |  18.82    1.86
               0.683    1.14 |  6.733    1.86 |12.783    7.67 |  18.83    1.86
               0.700    1.14 |  6.750    1.86 |12.800    7.67 |  18.85    1.86
               0.717    1.14 |  6.767    1.86 |12.817    7.67 |  18.87    1.86
               0.733    1.14 |  6.783    1.86 |12.833    7.67 |  18.88    1.86
               0.750    1.14 |  6.800    1.86 |12.850    7.67 |  18.90    1.86
               0.767    1.14 |  6.817    1.86 |12.867    7.67 |  18.92    1.86
               0.783    1.14 |  6.833    1.86 |12.883    7.67 |  18.93    1.86
               0.800    1.14 |  6.850    1.86 |12.900    7.67 |  18.95    1.86
               0.817    1.14 |  6.867    1.86 |12.917    7.67 |  18.97    1.86
               0.833    1.14 |  6.883    1.86 |12.933    7.67 |  18.98    1.86
               0.850    1.14 |  6.900    1.86 |12.950    7.67 |  19.00    1.86
               0.867    1.14 |  6.917    1.86 |12.967    7.67 |  19.02    1.86
               0.883    1.14 |  6.933    1.86 |12.983    7.67 |  19.03    1.86
               0.900    1.14 |  6.950    1.86 |13.000    7.67 |  19.05    1.86
               0.917    1.14 |  6.967    1.86 |13.017    7.67 |  19.07    1.86
               0.933    1.14 |  6.983    1.86 |13.033    7.67 |  19.08    1.86
               0.950    1.14 |  7.000    1.86 |13.050    7.67 |  19.10    1.86
               0.967    1.14 |  7.017    1.86 |13.067    7.67 |  19.12    1.86
               0.983    1.14 |  7.033    1.86 |13.083    7.67 |  19.13    1.86
               1.000    1.14 |  7.050    1.86 |13.100    7.67 |  19.15    1.86
               1.017    1.14 |  7.067    1.86 |13.117    7.67 |  19.17    1.86
               1.033    1.14 |  7.083    1.86 |13.133    7.67 |  19.18    1.86
               1.050    1.14 |  7.100    1.86 |13.150    7.67 |  19.20    1.86
               1.067    1.14 |  7.117    1.86 |13.167    7.67 |  19.22    1.86
               1.083    1.14 |  7.133    1.86 |13.183    5.60 |  19.23    1.86
               1.100    1.14 |  7.150    1.86 |13.200    5.59 |  19.25    1.86
               1.117    1.14 |  7.167    1.87 |13.217    5.59 |  19.27    1.86
               1.133    1.14 |  7.183    2.28 |13.233    5.59 |  19.28    1.86
               1.150    1.14 |  7.200    2.28 |13.250    5.59 |  19.30    1.86
               1.167    1.14 |  7.217    2.28 |13.267    5.59 |  19.32    1.86
               1.183    1.14 |  7.233    2.28 |13.283    5.59 |  19.33    1.86
               1.200    1.14 |  7.250    2.28 |13.300    5.59 |  19.35    1.86
               1.217    1.14 |  7.267    2.28 |13.317    5.59 |  19.37    1.86
               1.233    1.14 |  7.283    2.28 |13.333    5.59 |  19.38    1.86
               1.250    1.14 |  7.300    2.28 |13.350    5.59 |  19.40    1.86
               1.267    1.14 |  7.317    2.28 |13.367    5.59 |  19.42    1.86
               1.283    1.14 |  7.333    2.28 |13.383    5.59 |  19.43    1.86
               1.300    1.14 |  7.350    2.28 |13.400    5.59 |  19.45    1.86
               1.317    1.14 |  7.367    2.28 |13.417    5.59 |  19.47    1.86
               1.333    1.14 |  7.383    2.28 |13.433    5.59 |  19.48    1.86
               1.350    1.14 |  7.400    2.28 |13.450    5.59 |  19.50    1.86
               1.367    1.14 |  7.417    2.28 |13.467    5.59 |  19.52    1.86
               1.383    1.14 |  7.433    2.28 |13.483    5.59 |  19.53    1.86
               1.400    1.14 |  7.450    2.28 |13.500    5.59 |  19.55    1.86
               1.417    1.14 |  7.467    2.28 |13.517    5.59 |  19.57    1.86
               1.433    1.14 |  7.483    2.28 |13.533    5.59 |  19.58    1.86
               1.450    1.14 |  7.500    2.28 |13.550    5.59 |  19.60    1.86
               1.467    1.14 |  7.517    2.28 |13.567    5.59 |  19.62    1.86
               1.483    1.14 |  7.533    2.28 |13.583    5.59 |  19.63    1.86
               1.500    1.14 |  7.550    2.28 |13.600    5.59 |  19.65    1.86
               1.517    1.14 |  7.567    2.28 |13.617    5.59 |  19.67    1.86
               1.533    1.14 |  7.583    2.28 |13.633    5.59 |  19.68    1.86
               1.550    1.14 |  7.600    2.28 |13.650    5.59 |  19.70    1.86
               1.567    1.14 |  7.617    2.28 |13.667    5.59 |  19.72    1.86
               1.583    1.14 |  7.633    2.28 |13.683    4.35 |  19.73    1.86
               1.600    1.14 |  7.650    2.28 |13.700    4.35 |  19.75    1.86
               1.617    1.14 |  7.667    2.28 |13.717    4.35 |  19.77    1.86
               1.633    1.14 |  7.683    2.28 |13.733    4.35 |  19.78    1.86
               1.650    1.14 |  7.700    2.28 |13.750    4.35 |  19.80    1.86
               1.667    1.14 |  7.717    2.28 |13.767    4.35 |  19.82    1.86
               1.683    1.14 |  7.733    2.28 |13.783    4.35 |  19.83    1.86
               1.700    1.14 |  7.750    2.28 |13.800    4.35 |  19.85    1.86
               1.717    1.14 |  7.767    2.28 |13.817    4.35 |  19.87    1.86
               1.733    1.14 |  7.783    2.28 |13.833    4.35 |  19.88    1.86
               1.750    1.14 |  7.800    2.28 |13.850    4.35 |  19.90    1.86
               1.767    1.14 |  7.817    2.28 |13.867    4.35 |  19.92    1.86
               1.783    1.14 |  7.833    2.28 |13.883    4.35 |  19.93    1.86
               1.800    1.14 |  7.850    2.28 |13.900    4.35 |  19.95    1.86
               1.817    1.14 |  7.867    2.28 |13.917    4.35 |  19.97    1.86
               1.833    1.14 |  7.883    2.28 |13.933    4.35 |  19.98    1.86
               1.850    1.14 |  7.900    2.28 |13.950    4.35 |  20.00    1.86
               1.867    1.14 |  7.917    2.28 |13.967    4.35 |  20.02    1.86
               1.883    1.14 |  7.933    2.28 |13.983    4.35 |  20.03    1.86
               1.900    1.14 |  7.950    2.28 |14.000    4.35 |  20.05    1.86
               1.917    1.14 |  7.967    2.28 |14.017    4.35 |  20.07    1.86
               1.933    1.14 |  7.983    2.28 |14.033    4.35 |  20.08    1.86
               1.950    1.14 |  8.000    2.28 |14.050    4.35 |  20.10    1.86
               1.967    1.14 |  8.017    2.28 |14.067    4.35 |  20.12    1.86
               1.983    1.14 |  8.033    2.28 |14.083    4.35 |  20.13    1.86
               2.000    1.14 |  8.050    2.28 |14.100    4.35 |  20.15    1.86
               2.017    1.14 |  8.067    2.28 |14.117    4.35 |  20.17    1.86
               2.033    1.14 |  8.083    2.28 |14.133    4.35 |  20.18    1.25
               2.050    1.14 |  8.100    2.28 |14.150    4.35 |  20.20    1.24
               2.067    1.14 |  8.117    2.28 |14.167    4.35 |  20.22    1.24
               2.083    1.14 |  8.133    2.28 |14.183    3.11 |  20.23    1.24
               2.100    1.14 |  8.150    2.28 |14.200    3.11 |  20.25    1.24
               2.117    1.14 |  8.167    2.28 |14.217    3.11 |  20.27    1.24
               2.133    1.14 |  8.183    2.69 |14.233    3.11 |  20.28    1.24
               2.150    1.14 |  8.200    2.69 |14.250    3.11 |  20.30    1.24
               2.167    1.14 |  8.217    2.69 |14.267    3.11 |  20.32    1.24
               2.183    1.35 |  8.233    2.69 |14.283    3.11 |  20.33    1.24
               2.200    1.35 |  8.250    2.69 |14.300    3.11 |  20.35    1.24
               2.217    1.35 |  8.267    2.69 |14.317    3.11 |  20.37    1.24
               2.233    1.35 |  8.283    2.69 |14.333    3.11 |  20.38    1.24
               2.250    1.35 |  8.300    2.69 |14.350    3.11 |  20.40    1.24
               2.267    1.35 |  8.317    2.69 |14.367    3.11 |  20.42    1.24
               2.283    1.35 |  8.333    2.69 |14.383    3.11 |  20.43    1.24
               2.300    1.35 |  8.350    2.69 |14.400    3.11 |  20.45    1.24
               2.317    1.35 |  8.367    2.69 |14.417    3.11 |  20.47    1.24
               2.333    1.35 |  8.383    2.69 |14.433    3.11 |  20.48    1.24
               2.350    1.35 |  8.400    2.69 |14.450    3.11 |  20.50    1.24
               2.367    1.35 |  8.417    2.69 |14.467    3.11 |  20.52    1.24
               2.383    1.35 |  8.433    2.69 |14.483    3.11 |  20.53    1.24
               2.400    1.35 |  8.450    2.69 |14.500    3.11 |  20.55    1.24
               2.417    1.35 |  8.467    2.69 |14.517    3.11 |  20.57    1.24
               2.433    1.35 |  8.483    2.69 |14.533    3.11 |  20.58    1.24
               2.450    1.35 |  8.500    2.69 |14.550    3.11 |  20.60    1.24
               2.467    1.35 |  8.517    2.69 |14.567    3.11 |  20.62    1.24
               2.483    1.35 |  8.533    2.69 |14.583    3.11 |  20.63    1.24
               2.500    1.35 |  8.550    2.69 |14.600    3.11 |  20.65    1.24
               2.517    1.35 |  8.567    2.69 |14.617    3.11 |  20.67    1.24
               2.533    1.35 |  8.583    2.69 |14.633    3.11 |  20.68    1.24
               2.550    1.35 |  8.600    2.69 |14.650    3.11 |  20.70    1.24
               2.567    1.35 |  8.617    2.69 |14.667    3.11 |  20.72    1.24
               2.583    1.35 |  8.633    2.69 |14.683    3.11 |  20.73    1.24
               2.600    1.35 |  8.650    2.69 |14.700    3.11 |  20.75    1.24
               2.617    1.35 |  8.667    2.69 |14.717    3.11 |  20.77    1.24
               2.633    1.35 |  8.683    2.90 |14.733    3.11 |  20.78    1.24
               2.650    1.35 |  8.700    2.90 |14.750    3.11 |  20.80    1.24
               2.667    1.35 |  8.717    2.90 |14.767    3.11 |  20.82    1.24
               2.683    1.35 |  8.733    2.90 |14.783    3.11 |  20.83    1.24
               2.700    1.35 |  8.750    2.90 |14.800    3.11 |  20.85    1.24
               2.717    1.35 |  8.767    2.90 |14.817    3.11 |  20.87    1.24
               2.733    1.35 |  8.783    2.90 |14.833    3.11 |  20.88    1.24
               2.750    1.35 |  8.800    2.90 |14.850    3.11 |  20.90    1.24
               2.767    1.35 |  8.817    2.90 |14.867    3.11 |  20.92    1.24
               2.783    1.35 |  8.833    2.90 |14.883    3.11 |  20.93    1.24
               2.800    1.35 |  8.850    2.90 |14.900    3.11 |  20.95    1.24
               2.817    1.35 |  8.867    2.90 |14.917    3.11 |  20.97    1.24
               2.833    1.35 |  8.883    2.90 |14.933    3.11 |  20.98    1.24
               2.850    1.35 |  8.900    2.90 |14.950    3.11 |  21.00    1.24
               2.867    1.35 |  8.917    2.90 |14.967    3.11 |  21.02    1.24
               2.883    1.35 |  8.933    2.90 |14.983    3.11 |  21.03    1.24
               2.900    1.35 |  8.950    2.90 |15.000    3.11 |  21.05    1.24
               2.917    1.35 |  8.967    2.90 |15.017    3.11 |  21.07    1.24
               2.933    1.35 |  8.983    2.90 |15.033    3.11 |  21.08    1.24
```

50-yr 24hr SCS Type II

2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24
3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24
3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24
3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

Max.Eff.Inten.(mm/hr)=		126.81	285.70	
over (min)		5.00	6.00	
Storage Coeff. (min)=		1.09 (ii)	5.68 (ii)	
Unit Hyd. Tpeak (min)=		5.00	6.00	
Unit Hyd. peak (cms)=		0.46	0.20	
				TOTALS
PEAK FLOW	(cms)=	2.23	2.90	5.104 (iii)
TIME TO PEAK	(hrs)=	12.17	12.18	12.17
RUNOFF VOLUME	(mm)=	102.60	81.27	89.28
TOTAL RAINFALL	(mm)=	103.60	103.60	103.60
RUNOFF COEFFICIENT	=	0.99	0.78	0.86

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0211)	Area	(ha)= 0.18	
ID= 1 DT= 1.0 min	Total Imp(%)= 70.00	Dir. Conn.(%)= 35.00	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.13	0.05
Dep. Storage	(mm)=	1.00	2.80
Average Slope	(%)=	1.00	2.00
Length	(m)=	34.64	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.66	12.117	126.81	18.17	1.86
0.033	0.00	6.083	1.66	12.133	126.81	18.18	1.86
0.050	0.00	6.100	1.66	12.150	126.81	18.20	1.86
0.067	0.00	6.117	1.66	12.167	126.81	18.22	1.86
0.083	0.00	6.133	1.66	12.183	15.01	18.23	1.86
0.100	0.00	6.150	1.66	12.200	14.92	18.25	1.86
0.117	0.00	6.167	1.66	12.217	14.92	18.27	1.86
0.133	0.00	6.183	1.86	12.233	14.92	18.28	1.86
0.150	0.00	6.200	1.86	12.250	14.92	18.30	1.86
0.167	0.00	6.217	1.86	12.267	14.92	18.32	1.86
0.183	1.14	6.233	1.86	12.283	14.92	18.33	1.86
0.200	1.14	6.250	1.86	12.300	14.92	18.35	1.86
0.217	1.14	6.267	1.86	12.317	14.92	18.37	1.86
0.233	1.14	6.283	1.86	12.333	14.92	18.38	1.86
0.250	1.14	6.300	1.86	12.350	14.92	18.40	1.86
0.267	1.14	6.317	1.86	12.367	14.92	18.42	1.86
0.283	1.14	6.333	1.86	12.383	14.92	18.43	1.86
0.300	1.14	6.350	1.86	12.400	14.92	18.45	1.86
0.317	1.14	6.367	1.86	12.417	14.92	18.47	1.86
0.333	1.14	6.383	1.86	12.433	14.92	18.48	1.86
0.350	1.14	6.400	1.86	12.450	14.92	18.50	1.86
0.367	1.14	6.417	1.86	12.467	14.92	18.52	1.86
0.383	1.14	6.433	1.86	12.483	14.92	18.53	1.86
0.400	1.14	6.450	1.86	12.500	14.92	18.55	1.86
0.417	1.14	6.467	1.86	12.517	14.92	18.57	1.86
0.433	1.14	6.483	1.86	12.533	14.92	18.58	1.86
0.450	1.14	6.500	1.86	12.550	14.92	18.60	1.86
0.467	1.14	6.517	1.86	12.567	14.92	18.62	1.86
0.483	1.14	6.533	1.86	12.583	14.92	18.63	1.86
0.500	1.14	6.550	1.86	12.600	14.92	18.65	1.86
0.517	1.14	6.567	1.86	12.617	14.92	18.67	1.86
0.533	1.14	6.583	1.86	12.633	14.92	18.68	1.86
0.550	1.14	6.600	1.86	12.650	14.92	18.70	1.86
0.567	1.14	6.617	1.86	12.667	14.92	18.72	1.86
0.583	1.14	6.633	1.86	12.683	7.68	18.73	1.86
0.600	1.14	6.650	1.86	12.700	7.67	18.75	1.86
0.617	1.14	6.667	1.86	12.717	7.67	18.77	1.86
0.633	1.14	6.683	1.86	12.733	7.67	18.78	1.86
0.650	1.14	6.700	1.86	12.750	7.67	18.80	1.86
0.667	1.14	6.717	1.86	12.767	7.67	18.82	1.86
0.683	1.14	6.733	1.86	12.783	7.67	18.83	1.86
0.700	1.14	6.750	1.86	12.800	7.67	18.85	1.86
0.717	1.14	6.767	1.86	12.817	7.67	18.87	1.86
0.733	1.14	6.783	1.86	12.833	7.67	18.88	1.86
0.750	1.14	6.800	1.86	12.850	7.67	18.90	1.86
0.767	1.14	6.817	1.86	12.867	7.67	18.92	1.86
0.783	1.14	6.833	1.86	12.883	7.67	18.93	1.86
0.800	1.14	6.850	1.86	12.900	7.67	18.95	1.86
0.817	1.14	6.867	1.86	12.917	7.67	18.97	1.86
0.833	1.14	6.883	1.86	12.933	7.67	18.98	1.86
0.850	1.14	6.900	1.86	12.950	7.67	19.00	1.86
0.867	1.14	6.917	1.86	12.967	7.67	19.02	1.86
0.883	1.14	6.933	1.86	12.983	7.67	19.03	1.86
0.900	1.14	6.950	1.86	13.000	7.67	19.05	1.86
0.917	1.14	6.967	1.86	13.017	7.67	19.07	1.86
0.933	1.14	6.983	1.86	13.033	7.67	19.08	1.86
0.950	1.14	7.000	1.86	13.050	7.67	19.10	1.86
0.967	1.14	7.017	1.86	13.067	7.67	19.12	1.86
0.983	1.14	7.033	1.86	13.083	7.67	19.13	1.86
1.000	1.14	7.050	1.86	13.100	7.67	19.15	1.86

50-yr 24hr SCS Type II

1.017	1.14	7.067	1.86	13.117	7.67	19.17	1.86
1.033	1.14	7.083	1.86	13.133	7.67	19.18	1.86
1.050	1.14	7.100	1.86	13.150	7.67	19.20	1.86
1.067	1.14	7.117	1.86	13.167	7.67	19.22	1.86
1.083	1.14	7.133	1.86	13.183	5.60	19.23	1.86
1.100	1.14	7.150	1.86	13.200	5.59	19.25	1.86
1.117	1.14	7.167	1.87	13.217	5.59	19.27	1.86
1.133	1.14	7.183	2.28	13.233	5.59	19.28	1.86
1.150	1.14	7.200	2.28	13.250	5.59	19.30	1.86
1.167	1.14	7.217	2.28	13.267	5.59	19.32	1.86
1.183	1.14	7.233	2.28	13.283	5.59	19.33	1.86
1.200	1.14	7.250	2.28	13.300	5.59	19.35	1.86
1.217	1.14	7.267	2.28	13.317	5.59	19.37	1.86
1.233	1.14	7.283	2.28	13.333	5.59	19.38	1.86
1.250	1.14	7.300	2.28	13.350	5.59	19.40	1.86
1.267	1.14	7.317	2.28	13.367	5.59	19.42	1.86
1.283	1.14	7.333	2.28	13.383	5.59	19.43	1.86
1.300	1.14	7.350	2.28	13.400	5.59	19.45	1.86
1.317	1.14	7.367	2.28	13.417	5.59	19.47	1.86
1.333	1.14	7.383	2.28	13.433	5.59	19.48	1.86
1.350	1.14	7.400	2.28	13.450	5.59	19.50	1.86
1.367	1.14	7.417	2.28	13.467	5.59	19.52	1.86
1.383	1.14	7.433	2.28	13.483	5.59	19.53	1.86
1.400	1.14	7.450	2.28	13.500	5.59	19.55	1.86
1.417	1.14	7.467	2.28	13.517	5.59	19.57	1.86
1.433	1.14	7.483	2.28	13.533	5.59	19.58	1.86
1.450	1.14	7.500	2.28	13.550	5.59	19.60	1.86
1.467	1.14	7.517	2.28	13.567	5.59	19.62	1.86
1.483	1.14	7.533	2.28	13.583	5.59	19.63	1.86
1.500	1.14	7.550	2.28	13.600	5.59	19.65	1.86
1.517	1.14	7.567	2.28	13.617	5.59	19.67	1.86
1.533	1.14	7.583	2.28	13.633	5.59	19.68	1.86
1.550	1.14	7.600	2.28	13.650	5.59	19.70	1.86
1.567	1.14	7.617	2.28	13.667	5.59	19.72	1.86
1.583	1.14	7.633	2.28	13.683	4.35	19.73	1.86
1.600	1.14	7.650	2.28	13.700	4.35	19.75	1.86
1.617	1.14	7.667	2.28	13.717	4.35	19.77	1.86
1.633	1.14	7.683	2.28	13.733	4.35	19.78	1.86
1.650	1.14	7.700	2.28	13.750	4.35	19.80	1.86
1.667	1.14	7.717	2.28	13.767	4.35	19.82	1.86
1.683	1.14	7.733	2.28	13.783	4.35	19.83	1.86
1.700	1.14	7.750	2.28	13.800	4.35	19.85	1.86
1.717	1.14	7.767	2.28	13.817	4.35	19.87	1.86
1.733	1.14	7.783	2.28	13.833	4.35	19.88	1.86
1.750	1.14	7.800	2.28	13.850	4.35	19.90	1.86
1.767	1.14	7.817	2.28	13.867	4.35	19.92	1.86
1.783	1.14	7.833	2.28	13.883	4.35	19.93	1.86
1.800	1.14	7.850	2.28	13.900	4.35	19.95	1.86
1.817	1.14	7.867	2.28	13.917	4.35	19.97	1.86
1.833	1.14	7.883	2.28	13.933	4.35	19.98	1.86
1.850	1.14	7.900	2.28	13.950	4.35	20.00	1.86
1.867	1.14	7.917	2.28	13.967	4.35	20.02	1.86
1.883	1.14	7.933	2.28	13.983	4.35	20.03	1.86
1.900	1.14	7.950	2.28	14.000	4.35	20.05	1.86
1.917	1.14	7.967	2.28	14.017	4.35	20.07	1.86
1.933	1.14	7.983	2.28	14.033	4.35	20.08	1.86
1.950	1.14	8.000	2.28	14.050	4.35	20.10	1.86
1.967	1.14	8.017	2.28	14.067	4.35	20.12	1.86
1.983	1.14	8.033	2.28	14.083	4.35	20.13	1.86
2.000	1.14	8.050	2.28	14.100	4.35	20.15	1.86
2.017	1.14	8.067	2.28	14.117	4.35	20.17	1.86
2.033	1.14	8.083	2.28	14.133	4.35	20.18	1.25
2.050	1.14	8.100	2.28	14.150	4.35	20.20	1.24
2.067	1.14	8.117	2.28	14.167	4.35	20.22	1.24
2.083	1.14	8.133	2.28	14.183	3.11	20.23	1.24
2.100	1.14	8.150	2.28	14.200	3.11	20.25	1.24
2.117	1.14	8.167	2.28	14.217	3.11	20.27	1.24
2.133	1.14	8.183	2.69	14.233	3.11	20.28	1.24
2.150	1.14	8.200	2.69	14.250	3.11	20.30	1.24
2.167	1.14	8.217	2.69	14.267	3.11	20.32	1.24
2.183	1.35	8.233	2.69	14.283	3.11	20.33	1.24
2.200	1.35	8.250	2.69	14.300	3.11	20.35	1.24
2.217	1.35	8.267	2.69	14.317	3.11	20.37	1.24
2.233	1.35	8.283	2.69	14.333	3.11	20.38	1.24
2.250	1.35	8.300	2.69	14.350	3.11	20.40	1.24
2.267	1.35	8.317	2.69	14.367	3.11	20.42	1.24
2.283	1.35	8.333	2.69	14.383	3.11	20.43	1.24
2.300	1.35	8.350	2.69	14.400	3.11	20.45	1.24
2.317	1.35	8.367	2.69	14.417	3.11	20.47	1.24
2.333	1.35	8.383	2.69	14.433	3.11	20.48	1.24
2.350	1.35	8.400	2.69	14.450	3.11	20.50	1.24
2.367	1.35	8.417	2.69	14.467	3.11	20.52	1.24
2.383	1.35	8.433	2.69	14.483	3.11	20.53	1.24
2.400	1.35	8.450	2.69	14.500	3.11	20.55	1.24
2.417	1.35	8.467	2.69	14.517	3.11	20.57	1.24
2.433	1.35	8.483	2.69	14.533	3.11	20.58	1.24
2.450	1.35	8.500	2.69	14.550	3.11	20.60	1.24
2.467	1.35	8.517	2.69	14.567	3.11	20.62	1.24
2.483	1.35	8.533	2.69	14.583	3.11	20.63	1.24
2.500	1.35	8.550	2.69	14.600	3.11	20.65	1.24
2.517	1.35	8.567	2.69	14.617	3.11	20.67	1.24
2.533	1.35	8.583	2.69	14.633	3.11	20.68	1.24
2.550	1.35	8.600	2.69	14.650	3.11	20.70	1.24
2.567	1.35	8.617	2.69	14.667	3.11	20.72	1.24
2.583	1.35	8.633	2.69	14.683	3.11	20.73	1.24
2.600	1.35	8.650	2.69	14.700	3.11	20.75	1.24
2.617	1.35	8.667	2.69	14.717	3.11	20.77	1.24
2.633	1.35	8.683	2.90	14.733	3.11	20.78	1.24
2.650	1.35	8.700	2.90	14.750	3.11	20.80	1.24
2.667	1.35	8.717	2.90	14.767	3.11	20.82	1.24
2.683	1.35	8.733	2.90	14.783	3.11	20.83	1.24
2.700	1.35	8.750	2.90	14.800	3.11	20.85	1.24
2.717	1.35	8.767	2.90	14.817	3.11	20.87	1.24
2.733	1.35	8.783	2.90	14.833	3.11	20.88	1.24
2.750	1.35	8.800	2.90	14.850	3.11	20.90	1.24
2.767	1.35	8.817	2.90	14.867	3.11	20.92	1.24
2.783	1.35	8.833	2.90	14.883	3.11	20.93	1.24
2.800	1.35	8.850	2.90	14.900	3.11	20.95	1.24
2.817	1.35	8.867	2.90	14.917	3.11	20.97	1.24
2.833	1.35	8.883	2.90	14.933	3.11	20.98	1.24
2.850	1.35	8.900	2.90	14.950	3.11	21.00	1.24
2.867	1.35	8.917	2.90	14.967	3.11	21.02	1.24
2.883	1.35	8.933	2.90	14.983	3.11	21.03	1.24
2.900	1.35	8.950	2.90	15.000	3.11	21.05	1.24
2.917	1.35	8.967	2.90	15.017	3.11	21.07	1.24
2.933	1.35	8.983	2.90	15.033	3.11	21.08	1.24
2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24
3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24
3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24
3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24

50-yr 24hr SCS Type II

5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

Max.Eff.Inten.(mm/hr)=	126.81	264.96	
over (min)	5.00	4.00	
Storage Coeff. (min)=	1.23 (ii)	3.86 (ii)	
Unit Hyd. Tpeak (min)=	5.00	4.00	
Unit Hyd. peak (cms)=	0.45	0.29	
			TOTALS
PEAK FLOW (cms)=	0.02	0.04	0.060 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	102.59	90.75	94.89
TOTAL RAINFALL (mm)=	103.60	103.60	103.60
RUNOFF COEFFICIENT =	0.99	0.88	0.92

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 90.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

DUHYD (0023)				
Inlet Cap.= 0.039				
#of Inlets= 1				
Total(cms)= 0.0	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
TOTAL HYD.(ID= 1):	0.18	0.06	12.17	94.89
MAJOR SYS.(ID= 2):	0.01	0.02	12.17	94.89
MINOR SYS.(ID= 3):	0.17	0.04	12.03	94.89

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB			
STANDHYD (0212)	Area (ha)= 1.77		
ID= 1 DT= 1.0 min	Total Imp(%)= 50.00	Dir. Conn.(%)= 50.00	
	IMPERVIOUS	PERVIOUS (i)	
Surface Area (ha)=	0.89	0.89	
Dep. Storage (mm)=	1.00	5.00	
Average Slope (%)=	1.00	33.00	
Length (m)=	108.63	10.00	
Mannings n =	0.013	0.250	

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.66	12.117	126.81	18.17	1.86
0.033	0.00	6.083	1.66	12.133	126.81	18.18	1.86
0.050	0.00	6.100	1.66	12.150	126.81	18.20	1.86
0.067	0.00	6.117	1.66	12.167	126.81	18.22	1.86
0.083	0.00	6.133	1.66	12.183	15.01	18.23	1.86
0.100	0.00	6.150	1.66	12.200	14.92	18.25	1.86
0.117	0.00	6.167	1.66	12.217	14.92	18.27	1.86
0.133	0.00	6.183	1.86	12.233	14.92	18.28	1.86
0.150	0.00	6.200	1.86	12.250	14.92	18.30	1.86
0.167	0.00	6.217	1.86	12.267	14.92	18.32	1.86
0.183	1.14	6.233	1.86	12.283	14.92	18.33	1.86
0.200	1.14	6.250	1.86	12.300	14.92	18.35	1.86
0.217	1.14	6.267	1.86	12.317	14.92	18.37	1.86
0.233	1.14	6.283	1.86	12.333	14.92	18.38	1.86
0.250	1.14	6.300	1.86	12.350	14.92	18.40	1.86
0.267	1.14	6.317	1.86	12.367	14.92	18.42	1.86
0.283	1.14	6.333	1.86	12.383	14.92	18.43	1.86
0.300	1.14	6.350	1.86	12.400	14.92	18.45	1.86
0.317	1.14	6.367	1.86	12.417	14.92	18.47	1.86
0.333	1.14	6.383	1.86	12.433	14.92	18.48	1.86
0.350	1.14	6.400	1.86	12.450	14.92	18.50	1.86
0.367	1.14	6.417	1.86	12.467	14.92	18.52	1.86
0.383	1.14	6.433	1.86	12.483	14.92	18.53	1.86
0.400	1.14	6.450	1.86	12.500	14.92	18.55	1.86
0.417	1.14	6.467	1.86	12.517	14.92	18.57	1.86
0.433	1.14	6.483	1.86	12.533	14.92	18.58	1.86
0.450	1.14	6.500	1.86	12.550	14.92	18.60	1.86
0.467	1.14	6.517	1.86	12.567	14.92	18.62	1.86
0.483	1.14	6.533	1.86	12.583	14.92	18.63	1.86
0.500	1.14	6.550	1.86	12.600	14.92	18.65	1.86
0.517	1.14	6.567	1.86	12.617	14.92	18.67	1.86
0.533	1.14	6.583	1.86	12.633	14.92	18.68	1.86
0.550	1.14	6.600	1.86	12.650	14.92	18.70	1.86
0.567	1.14	6.617	1.86	12.667	14.92	18.72	1.86
0.583	1.14	6.633	1.86	12.683	7.68	18.73	1.86
0.600	1.14	6.650	1.86	12.700	7.67	18.75	1.86
0.617	1.14	6.667	1.86	12.717	7.67	18.77	1.86
0.633	1.14	6.683	1.86	12.733	7.67	18.78	1.86
0.650	1.14	6.700	1.86	12.750	7.67	18.80	1.86
0.667	1.14	6.717	1.86	12.767	7.67	18.82	1.86
0.683	1.14	6.733	1.86	12.783	7.67	18.83	1.86
0.700	1.14	6.750	1.86	12.800	7.67	18.85	1.86
0.717	1.14	6.767	1.86	12.817	7.67	18.87	1.86
0.733	1.14	6.783	1.86	12.833	7.67	18.88	1.86
0.750	1.14	6.800	1.86	12.850	7.67	18.90	1.86
0.767	1.14	6.817	1.86	12.867	7.67	18.92	1.86
0.783	1.14	6.833	1.86	12.883	7.67	18.93	1.86
0.800	1.14	6.850	1.86	12.900	7.67	18.95	1.86
0.817	1.14	6.867	1.86	12.917	7.67	18.97	1.86
0.833	1.14	6.883	1.86	12.933	7.67	18.98	1.86
0.850	1.14	6.900	1.86	12.950	7.67	19.00	1.86
0.867	1.14	6.917	1.86	12.967	7.67	19.02	1.86
0.883	1.14	6.933	1.86	12.983	7.67	19.03	1.86
0.900	1.14	6.950	1.86	13.000	7.67	19.05	1.86
0.917	1.14	6.967	1.86	13.017	7.67	19.07	1.86
0.933	1.14	6.983	1.86	13.033	7.67	19.08	1.86
0.950	1.14	7.000	1.86	13.050	7.67	19.10	1.86
0.967	1.14	7.017	1.86	13.067	7.67	19.12	1.86
0.983	1.14	7.033	1.86	13.083	7.67	19.13	1.86
1.000	1.14	7.050	1.86	13.100	7.67	19.15	1.86
1.017	1.14	7.067	1.86	13.117	7.67	19.17	1.86
1.033	1.14	7.083	1.86	13.133	7.67	19.18	1.86
1.050	1.14	7.100	1.86	13.150	7.67	19.20	1.86
1.067	1.14	7.117	1.86	13.167	7.67	19.22	1.86
1.083	1.14	7.133	1.86	13.183	5.60	19.23	1.86
1.100	1.14	7.150	1.86	13.200	5.59	19.25	1.86
1.117	1.14	7.167	1.87	13.217	5.59	19.27	1.86
1.133	1.14	7.183	2.28	13.233	5.59	19.28	1.86
1.150	1.14	7.200	2.28	13.250	5.59	19.30	1.86
1.167	1.14	7.217	2.28	13.267	5.59	19.32	1.86
1.183	1.14	7.233	2.28	13.283	5.59	19.33	1.86
1.200	1.14	7.250	2.28	13.300	5.59	19.35	1.86
1.217	1.14	7.267	2.28	13.317	5.59	19.37	1.86
1.233	1.14	7.283	2.28	13.333	5.59	19.38	1.86
1.250	1.14	7.300	2.28	13.350	5.59	19.40	1.86
1.267	1.14	7.317	2.28	13.367	5.59	19.42	1.86
1.283	1.14	7.333	2.28	13.383	5.59	19.43	1.86
1.300	1.14	7.350	2.28	13.400	5.59	19.45	1.86
1.317	1.14	7.367	2.28	13.417	5.59	19.47	1.86
1.333	1.14	7.383	2.28	13.433	5.59	19.48	1.86
1.350	1.14	7.400	2.28	13.450	5.59	19.50	1.86
1.367	1.14	7.417	2.28	13.467	5.59	19.52	1.86
1.383	1.14	7.433	2.28	13.483	5.59	19.53	1.86
1.400	1.14	7.450	2.28	13.500	5.59	19.55	1.86
1.417	1.14	7.467	2.28	13.517	5.59	19.57	1.86
1.433	1.14	7.483	2.28	13.533	5.59	19.58	1.86
1.450	1.14	7.500	2.28	13.550	5.59	19.60	1.86
1.467	1.14	7.517	2.28	13.567	5.59	19.62	1.86
1.483	1.14	7.533	2.28	13.583	5.59	19.63	1.86
1.500	1.14	7.550	2.28	13.600	5.59	19.65	1.86
1.517	1.14	7.567	2.28	13.617	5.59	19.67	1.86
1.533	1.14	7.583	2.28	13.633	5.59	19.68	1.86
1.550	1.14	7.600	2.28	13.650	5.59	19.70	1.86
1.567	1.14	7.617	2.28	13.667	5.59	19.72	1.86
1.583	1.14	7.633	2.28	13.683	4.35	19.73	1.86
1.600	1.14	7.650	2.28	13.700	4.35	19.75	1.86
1.617	1.14	7.667	2.28	13.717	4.35	19.77	1.86
1.633	1.14	7.683	2.28	13.733	4.35	19.78	1.86
1.650	1.14	7.700	2.28	13.750	4.35	19.80	1.86
1.667	1.14	7.717	2.28	13.767	4.35	19.82	1.86
1.683	1.14	7.733	2.28	13.783	4.35	19.83	1.86
1.700	1.14	7.750	2.28	13.800	4.35	19.85	1.86
1.717	1.14	7.767	2.28	13.817	4.35	19.87	1.86
1.733	1.14	7.783	2.28	13.833	4.35	19.88	1.86
1.750	1.14	7.800	2.28	13.850	4.35	19.90	1.86
1.767	1.14	7.817	2.28	13.867	4.35	19.92	1.86
1.783	1.14	7.833	2.28	13.883	4.35	19.93	1.86
1.800	1.14	7.850	2.28	13.900	4.35	19.95	1.86
1.817	1.14	7.867	2.28	13.917	4.35	19.97	1.86
1.833	1.14	7.883	2.28	13.933	4.35	19.98	1.86
1.850	1.14	7.900	2.28	13.950	4.35	20.00	1.86
1.867	1.14	7.917	2.28	13.967	4.35	20.02	1.86
1.883	1.14	7.933	2.28	13.983	4.35	20.03	1.86
1.900	1.14	7.950	2.28	14.000	4.35	20.05	1.86
1.917	1.14	7.967	2.28	14.017	4.35	20.07	1.86
1.933	1.14	7.983	2.28	14.033	4.35	20.08	1.86
1.950	1.14	8.000	2.28	14.050	4.35	20.10	1.86
1.967	1.14	8.017	2.28	14.067	4.35	20.12	1.86
1.983	1.14	8.033	2.28	14.083	4.35	20.13	1.86
2.000	1.14	8.050	2.28	14.100	4.35	20.15	1.86
2.017	1.14	8.067	2.28	14.117	4.35	20.17	1.86
2.033	1.14	8.083	2.28	14.133	4.35	20.18	1.25
2.050	1.14	8.100	2.28	14.150	4.35	20.20	1.24
2.067	1.14	8.117	2.28	14.167	4.35	20.22	1.24
2.083	1.14	8.133	2.28	14.183	3.11	20.23	1.24
2.100	1.14	8.150	2.28	14.200	3.11	20.25	1.24
2.117	1.14	8.167	2.28	14.217	3.11	20.27	1.24
2.133	1.14	8.183	2.69	14.233	3.11	20.28	1.24
2.150	1.14	8.200	2.69	14.250	3.11	20.30	1.24
2.167	1.14	8.217	2.69	14.267	3.11	20.32	1.24
2.183	1.35	8.233	2.69	14.283	3.11	20.33	1.24
2.200	1.35	8.250	2.69	14.300	3.11	20.35	1.24
2.217	1.35	8.267	2.69	14.317	3.11	20.37	1.24
2.233	1.35	8.283	2.69	14.333	3.11	20.38	1.24
2.250	1.35	8.300	2.69	14.350	3.11	20.40	1.24
2.267	1.35	8.317	2.69	14.367	3.11	20.42	1.24
2.283	1.35	8.333	2.69	14.383	3.11	20.43	1.24
2.300	1.35	8.350	2.69	14.400	3.11	20.45	1.24
2.317	1.35	8.367	2.69	14.417	3.11	20.47	1.24
2.333	1.35	8.383	2.69	14.433	3.11	20.48	1.24
2.350	1.35	8.400	2.69	14.450	3.11	20.50	1.24
2.367	1.35	8.417	2.69	14.467	3.11	20.52	1.24
2.383	1.35	8.433	2.69	14.483	3.11	20.53	1.24
2.400	1.35	8.450	2.69	14.500	3.11	20.55	1.24
2.417	1.35	8.467	2.69	14.517	3.11	20.57	1.24
2.433	1.35	8.483	2.69	14.533	3.11	20.58	1.24
2.450	1.35	8.500	2.69	14.550	3.11	20.60	1.24
2.467	1.35	8.517	2.69	14.567	3.11	20.62	1.24
2.483	1.35	8.533	2.69	14.583	3.11	20.63	1.24
2.500	1.35	8.550	2.69	14.600	3.11	20.65	1.24
2.517	1.35	8.567	2.69	14.617	3.11	20.67	1.24
2.533	1.35	8.583	2.69	14.633	3.11	20.68	1.24
2.550	1.35	8.600	2.69	14.650	3.11	20.70	1.24
2.567	1.35	8.617	2.69	14.667	3.11	20.72	1.24
2.583	1.35	8.633	2.69	14.683	3.11	20.73	1.24
2.600	1.35	8.650	2.69	14.700	3.11	20.75	1.24
2.617	1.35	8.667	2.69	14.717	3.11	20.77	1.24
2.633	1.35	8.683	2.90	14.733	3.11	20.78	1.24
2.650	1.35	8.700	2.90	14.750	3.11	20.80	1.24
2.667	1.35	8.717	2.90	14.767	3.11	20.82	1.24
2.683	1.35	8.733	2.90	14.783	3.11	20.83	1.24
2.700	1.35	8.750	2.90	14.800	3.11	20.85	1.24
2.717	1.35	8.767	2.90	14.817	3.11	20.87	1.24
2.733	1.35	8.783	2.90	14.833	3.11	20.88	1.24
2.750	1.35	8.800	2.90	14.850	3.11	20.90	1.24
2.767	1.35	8.817	2.90	14.867	3.11	20.92	1.24
2.783	1.35	8.833	2.90	14.883	3.11	20.93	1.24
2.800	1.35	8.850	2.90	14.900	3.11	20.95	1.24
2.817	1.35	8.867	2.90	14.917	3.11	20.97	1.24
2.833	1.35	8.883	2.90	14.933	3.11	20.98	1.24
2.850	1.35	8.900	2.90	14.950	3.11	21.00	1.24
2.867	1.35	8.917	2.90	14.967	3.11	21.02	1.24
2.883	1.35	8.933	2.90	14.983	3.11	21.03	1.24
2.900	1.35	8.950	2.90	15.000	3.11	21.05	1.24
2.917	1.35	8.967	2.90	15.017	3.11	21.07	1.24
2.933	1.35	8.983	2.90	15.033	3.11	21.08	1.24
2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24
3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24

50-yr 24hr SCS Type II

3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24
3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

Max.Eff.Inten.(mm/hr)=	126.81	88.90	
over (min)	5.00	4.00	
Storage Coeff. (min)=	2.44 (ii)	3.65 (ii)	
Unit Hyd. Tpeak (min)=	5.00	4.00	
Unit Hyd. peak (cms)=	0.34	0.30	
			TOTALS
PEAK FLOW (cms)=	0.31	0.21	0.515 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	102.60	59.97	81.29
TOTAL RAINFALL (mm)=	103.60	103.60	103.60
RUNOFF COEFFICIENT =	0.99	0.58	0.78

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0024)				
1 + 2 = 3	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
ID1= 1 (0204):	16.91	5.104	12.17	89.28
+ ID2= 2 (0212):	1.77	0.515	12.17	81.29
ID = 3 (0024):	18.68	5.618	12.17	88.52

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0024)				
3 + 2 = 1	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
ID1= 3 (0024):	18.68	5.618	12.17	88.52
+ ID2= 2 (0023):	0.17	0.039	12.03	94.89
ID = 1 (0024):	18.85	5.657	12.17	88.58

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

RESERVOIR(0002) | OVERFLOW IS OFF
IN= 2---> OUT= 1 |
DT= 1.0 min |

OUTFLOW (cms)	STORAGE (ha.m.)	OUTFLOW (cms)	STORAGE (ha.m.)
0.0000	0.0000	0.4535	0.8095
0.0049	0.0710	0.5215	0.9015
0.0085	0.1443	0.5814	0.9955
0.0110	0.2200	0.6357	1.0914
0.0130	0.2982	0.8135	1.1894
0.0340	0.3786	1.1256	1.2893
0.0891	0.4610	1.5570	1.3912
0.1705	0.5453	2.1096	1.4952
0.2689	0.6314	2.7880	1.6010
0.3715	0.7195	3.5978	1.7088

	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
INFLOW : ID= 2 (0024)	18.850	5.657	12.17	88.58
OUTFLOW: ID= 1 (0002)	18.850	0.586	12.75	71.18

PEAK FLOW REDUCTION [Qout/Qin](%)= 10.36
TIME SHIFT OF PEAK FLOW (min)= 35.00
MAXIMUM STORAGE USED (ha.m.)= 1.0035

CALIB |
STANDHYD (0203) | Area (ha)= 1.05
ID= 1 DT= 1.0 min | Total Imp(%)= 28.00 Dir. Conn.(%)= 14.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.29	0.76
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	70.00	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.66	12.117	126.81	18.17	1.86
0.033	0.00	6.083	1.66	12.133	126.81	18.18	1.86
0.050	0.00	6.100	1.66	12.150	126.81	18.20	1.86
0.067	0.00	6.117	1.66	12.167	126.81	18.22	1.86
0.083	0.00	6.133	1.66	12.183	15.01	18.23	1.86
0.100	0.00	6.150	1.66	12.200	14.92	18.25	1.86
0.117	0.00	6.167	1.66	12.217	14.92	18.27	1.86
0.133	0.00	6.183	1.86	12.233	14.92	18.28	1.86
0.150	0.00	6.200	1.86	12.250	14.92	18.30	1.86
0.167	0.00	6.217	1.86	12.267	14.92	18.32	1.86
0.183	1.14	6.233	1.86	12.283	14.92	18.33	1.86
0.200	1.14	6.250	1.86	12.300	14.92	18.35	1.86
0.217	1.14	6.267	1.86	12.317	14.92	18.37	1.86
0.233	1.14	6.283	1.86	12.333	14.92	18.38	1.86
0.250	1.14	6.300	1.86	12.350	14.92	18.40	1.86
0.267	1.14	6.317	1.86	12.367	14.92	18.42	1.86
0.283	1.14	6.333	1.86	12.383	14.92	18.43	1.86
0.300	1.14	6.350	1.86	12.400	14.92	18.45	1.86
0.317	1.14	6.367	1.86	12.417	14.92	18.47	1.86
0.333	1.14	6.383	1.86	12.433	14.92	18.48	1.86
0.350	1.14	6.400	1.86	12.450	14.92	18.50	1.86
0.367	1.14	6.417	1.86	12.467	14.92	18.52	1.86
0.383	1.14	6.433	1.86	12.483	14.92	18.53	1.86
0.400	1.14	6.450	1.86	12.500	14.92	18.55	1.86
0.417	1.14	6.467	1.86	12.517	14.92	18.57	1.86
0.433	1.14	6.483	1.86	12.533	14.92	18.58	1.86
0.450	1.14	6.500	1.86	12.550	14.92	18.60	1.86
0.467	1.14	6.517	1.86	12.567	14.92	18.62	1.86
0.483	1.14	6.533	1.86	12.583	14.92	18.63	1.86
0.500	1.14	6.550	1.86	12.600	14.92	18.65	1.86
0.517	1.14	6.567	1.86	12.617	14.92	18.67	1.86
0.533	1.14	6.583	1.86	12.633	14.92	18.68	1.86
0.550	1.14	6.600	1.86	12.650	14.92	18.70	1.86
0.567	1.14	6.617	1.86	12.667	14.92	18.72	1.86
0.583	1.14	6.633	1.86	12.683	7.68	18.73	1.86
0.600	1.14	6.650	1.86	12.700	7.67	18.75	1.86
0.617	1.14	6.667	1.86	12.717	7.67	18.77	1.86
0.633	1.14	6.683	1.86	12.733	7.67	18.78	1.86
0.650	1.14	6.700	1.86	12.750	7.67	18.80	1.86
0.667	1.14	6.717	1.86	12.767	7.67	18.82	1.86
0.683	1.14	6.733	1.86	12.783	7.67	18.83	1.86
0.700	1.14	6.750	1.86	12.800	7.67	18.85	1.86
0.717	1.14	6.767	1.86	12.817	7.67	18.87	1.86
0.733	1.14	6.783	1.86	12.833	7.67	18.88	1.86
0.750	1.14	6.800	1.86	12.850	7.67	18.90	1.86
0.767	1.14	6.817	1.86	12.867	7.67	18.92	1.86
0.783	1.14	6.833	1.86	12.883	7.67	18.93	1.86
0.800	1.14	6.850	1.86	12.900	7.67	18.95	1.86
0.817	1.14	6.867	1.86	12.917	7.67	18.97	1.86
0.833	1.14	6.883	1.86	12.933	7.67	18.98	1.86

50-yr 24hr SCS Type II

0.850	1.14	6.900	1.86	12.950	7.67	19.00	1.86
0.867	1.14	6.917	1.86	12.967	7.67	19.02	1.86
0.883	1.14	6.933	1.86	12.983	7.67	19.03	1.86
0.900	1.14	6.950	1.86	13.000	7.67	19.05	1.86
0.917	1.14	6.967	1.86	13.017	7.67	19.07	1.86
0.933	1.14	6.983	1.86	13.033	7.67	19.08	1.86
0.950	1.14	7.000	1.86	13.050	7.67	19.10	1.86
0.967	1.14	7.017	1.86	13.067	7.67	19.12	1.86
0.983	1.14	7.033	1.86	13.083	7.67	19.13	1.86
1.000	1.14	7.050	1.86	13.100	7.67	19.15	1.86
1.017	1.14	7.067	1.86	13.117	7.67	19.17	1.86
1.033	1.14	7.083	1.86	13.133	7.67	19.18	1.86
1.050	1.14	7.100	1.86	13.150	7.67	19.20	1.86
1.067	1.14	7.117	1.86	13.167	7.67	19.22	1.86
1.083	1.14	7.133	1.86	13.183	5.60	19.23	1.86
1.100	1.14	7.150	1.86	13.200	5.59	19.25	1.86
1.117	1.14	7.167	1.87	13.217	5.59	19.27	1.86
1.133	1.14	7.183	2.28	13.233	5.59	19.28	1.86
1.150	1.14	7.200	2.28	13.250	5.59	19.30	1.86
1.167	1.14	7.217	2.28	13.267	5.59	19.32	1.86
1.183	1.14	7.233	2.28	13.283	5.59	19.33	1.86
1.200	1.14	7.250	2.28	13.300	5.59	19.35	1.86
1.217	1.14	7.267	2.28	13.317	5.59	19.37	1.86
1.233	1.14	7.283	2.28	13.333	5.59	19.38	1.86
1.250	1.14	7.300	2.28	13.350	5.59	19.40	1.86
1.267	1.14	7.317	2.28	13.367	5.59	19.42	1.86
1.283	1.14	7.333	2.28	13.383	5.59	19.43	1.86
1.300	1.14	7.350	2.28	13.400	5.59	19.45	1.86
1.317	1.14	7.367	2.28	13.417	5.59	19.47	1.86
1.333	1.14	7.383	2.28	13.433	5.59	19.48	1.86
1.350	1.14	7.400	2.28	13.450	5.59	19.50	1.86
1.367	1.14	7.417	2.28	13.467	5.59	19.52	1.86
1.383	1.14	7.433	2.28	13.483	5.59	19.53	1.86
1.400	1.14	7.450	2.28	13.500	5.59	19.55	1.86
1.417	1.14	7.467	2.28	13.517	5.59	19.57	1.86
1.433	1.14	7.483	2.28	13.533	5.59	19.58	1.86
1.450	1.14	7.500	2.28	13.550	5.59	19.60	1.86
1.467	1.14	7.517	2.28	13.567	5.59	19.62	1.86
1.483	1.14	7.533	2.28	13.583	5.59	19.63	1.86
1.500	1.14	7.550	2.28	13.600	5.59	19.65	1.86
1.517	1.14	7.567	2.28	13.617	5.59	19.67	1.86
1.533	1.14	7.583	2.28	13.633	5.59	19.68	1.86
1.550	1.14	7.600	2.28	13.650	5.59	19.70	1.86
1.567	1.14	7.617	2.28	13.667	5.59	19.72	1.86
1.583	1.14	7.633	2.28	13.683	4.35	19.73	1.86
1.600	1.14	7.650	2.28	13.700	4.35	19.75	1.86
1.617	1.14	7.667	2.28	13.717	4.35	19.77	1.86
1.633	1.14	7.683	2.28	13.733	4.35	19.78	1.86
1.650	1.14	7.700	2.28	13.750	4.35	19.80	1.86
1.667	1.14	7.717	2.28	13.767	4.35	19.82	1.86
1.683	1.14	7.733	2.28	13.783	4.35	19.83	1.86
1.700	1.14	7.750	2.28	13.800	4.35	19.85	1.86
1.717	1.14	7.767	2.28	13.817	4.35	19.87	1.86
1.733	1.14	7.783	2.28	13.833	4.35	19.88	1.86
1.750	1.14	7.800	2.28	13.850	4.35	19.90	1.86
1.767	1.14	7.817	2.28	13.867	4.35	19.92	1.86
1.783	1.14	7.833	2.28	13.883	4.35	19.93	1.86
1.800	1.14	7.850	2.28	13.900	4.35	19.95	1.86
1.817	1.14	7.867	2.28	13.917	4.35	19.97	1.86
1.833	1.14	7.883	2.28	13.933	4.35	19.98	1.86
1.850	1.14	7.900	2.28	13.950	4.35	20.00	1.86
1.867	1.14	7.917	2.28	13.967	4.35	20.02	1.86
1.883	1.14	7.933	2.28	13.983	4.35	20.03	1.86
1.900	1.14	7.950	2.28	14.000	4.35	20.05	1.86
1.917	1.14	7.967	2.28	14.017	4.35	20.07	1.86
1.933	1.14	7.983	2.28	14.033	4.35	20.08	1.86
1.950	1.14	8.000	2.28	14.050	4.35	20.10	1.86
1.967	1.14	8.017	2.28	14.067	4.35	20.12	1.86
1.983	1.14	8.033	2.28	14.083	4.35	20.13	1.86
2.000	1.14	8.050	2.28	14.100	4.35	20.15	1.86
2.017	1.14	8.067	2.28	14.117	4.35	20.17	1.86
2.033	1.14	8.083	2.28	14.133	4.35	20.18	1.25
2.050	1.14	8.100	2.28	14.150	4.35	20.20	1.24
2.067	1.14	8.117	2.28	14.167	4.35	20.22	1.24
2.083	1.14	8.133	2.28	14.183	3.11	20.23	1.24
2.100	1.14	8.150	2.28	14.200	3.11	20.25	1.24
2.117	1.14	8.167	2.28	14.217	3.11	20.27	1.24
2.133	1.14	8.183	2.69	14.233	3.11	20.28	1.24
2.150	1.14	8.200	2.69	14.250	3.11	20.30	1.24
2.167	1.14	8.217	2.69	14.267	3.11	20.32	1.24
2.183	1.35	8.233	2.69	14.283	3.11	20.33	1.24
2.200	1.35	8.250	2.69	14.300	3.11	20.35	1.24
2.217	1.35	8.267	2.69	14.317	3.11	20.37	1.24
2.233	1.35	8.283	2.69	14.333	3.11	20.38	1.24
2.250	1.35	8.300	2.69	14.350	3.11	20.40	1.24
2.267	1.35	8.317	2.69	14.367	3.11	20.42	1.24
2.283	1.35	8.333	2.69	14.383	3.11	20.43	1.24
2.300	1.35	8.350	2.69	14.400	3.11	20.45	1.24
2.317	1.35	8.367	2.69	14.417	3.11	20.47	1.24
2.333	1.35	8.383	2.69	14.433	3.11	20.48	1.24
2.350	1.35	8.400	2.69	14.450	3.11	20.50	1.24
2.367	1.35	8.417	2.69	14.467	3.11	20.52	1.24
2.383	1.35	8.433	2.69	14.483	3.11	20.53	1.24
2.400	1.35	8.450	2.69	14.500	3.11	20.55	1.24
2.417	1.35	8.467	2.69	14.517	3.11	20.57	1.24
2.433	1.35	8.483	2.69	14.533	3.11	20.58	1.24
2.450	1.35	8.500	2.69	14.550	3.11	20.60	1.24
2.467	1.35	8.517	2.69	14.567	3.11	20.62	1.24
2.483	1.35	8.533	2.69	14.583	3.11	20.63	1.24
2.500	1.35	8.550	2.69	14.600	3.11	20.65	1.24
2.517	1.35	8.567	2.69	14.617	3.11	20.67	1.24
2.533	1.35	8.583	2.69	14.633	3.11	20.68	1.24
2.550	1.35	8.600	2.69	14.650	3.11	20.70	1.24
2.567	1.35	8.617	2.69	14.667	3.11	20.72	1.24
2.583	1.35	8.633	2.69	14.683	3.11	20.73	1.24
2.600	1.35	8.650	2.69	14.700	3.11	20.75	1.24
2.617	1.35	8.667	2.69	14.717	3.11	20.77	1.24
2.633	1.35	8.683	2.90	14.733	3.11	20.78	1.24
2.650	1.35	8.700	2.90	14.750	3.11	20.80	1.24
2.667	1.35	8.717	2.90	14.767	3.11	20.82	1.24
2.683	1.35	8.733	2.90	14.783	3.11	20.83	1.24
2.700	1.35	8.750	2.90	14.800	3.11	20.85	1.24
2.717	1.35	8.767	2.90	14.817	3.11	20.87	1.24
2.733	1.35	8.783	2.90	14.833	3.11	20.88	1.24
2.750	1.35	8.800	2.90	14.850	3.11	20.90	1.24
2.767	1.35	8.817	2.90	14.867	3.11	20.92	1.24
2.783	1.35	8.833	2.90	14.883	3.11	20.93	1.24
2.800	1.35	8.850	2.90	14.900	3.11	20.95	1.24
2.817	1.35	8.867	2.90	14.917	3.11	20.97	1.24
2.833	1.35	8.883	2.90	14.933	3.11	20.98	1.24
2.850	1.35	8.900	2.90	14.950	3.11	21.00	1.24
2.867	1.35	8.917	2.90	14.967	3.11	21.02	1.24
2.883	1.35	8.933	2.90	14.983	3.11	21.03	1.24
2.900	1.35	8.950	2.90	15.000	3.11	21.05	1.24
2.917	1.35	8.967	2.90	15.017	3.11	21.07	1.24
2.933	1.35	8.983	2.90	15.033	3.11	21.08	1.24
2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24
3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24
3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24
3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24

50-yr 24hr SCS Type II

5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

Max.Eff.Inten.(mm/hr)=	126.81	113.77	
over (min)	5.00	8.00	
Storage Coeff. (min)=	1.88 (ii)	7.25 (ii)	
Unit Hyd. Tpeak (min)=	5.00	8.00	
Unit Hyd. peak (cms)=	0.38	0.15	
		TOTALS	
PEAK FLOW (cms)=	0.05	0.19	0.232 (iii)
TIME TO PEAK (hrs)=	12.17	12.20	12.18
RUNOFF VOLUME (mm)=	102.60	64.76	70.07
TOTAL RAINFALL (mm)=	103.60	103.60	103.60
RUNOFF COEFFICIENT =	0.99	0.63	0.68

***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB
STANDHYD (0205) | Area (ha)= 0.28
ID= 1 DT= 1.0 min | Total Imp(%)= 20.00 Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.22
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.66	12.117	126.81	18.17	1.86
0.033	0.00	6.083	1.66	12.133	126.81	18.18	1.86
0.050	0.00	6.100	1.66	12.150	126.81	18.20	1.86
0.067	0.00	6.117	1.66	12.167	126.81	18.22	1.86
0.083	0.00	6.133	1.66	12.183	15.01	18.23	1.86
0.100	0.00	6.150	1.66	12.200	14.92	18.25	1.86
0.117	0.00	6.167	1.66	12.217	14.92	18.27	1.86
0.133	0.00	6.183	1.86	12.233	14.92	18.28	1.86
0.150	0.00	6.200	1.86	12.250	14.92	18.30	1.86
0.167	0.00	6.217	1.86	12.267	14.92	18.32	1.86
0.183	1.14	6.233	1.86	12.283	14.92	18.33	1.86
0.200	1.14	6.250	1.86	12.300	14.92	18.35	1.86
0.217	1.14	6.267	1.86	12.317	14.92	18.37	1.86
0.233	1.14	6.283	1.86	12.333	14.92	18.38	1.86
0.250	1.14	6.300	1.86	12.350	14.92	18.40	1.86
0.267	1.14	6.317	1.86	12.367	14.92	18.42	1.86
0.283	1.14	6.333	1.86	12.383	14.92	18.43	1.86
0.300	1.14	6.350	1.86	12.400	14.92	18.45	1.86
0.317	1.14	6.367	1.86	12.417	14.92	18.47	1.86
0.333	1.14	6.383	1.86	12.433	14.92	18.48	1.86
0.350	1.14	6.400	1.86	12.450	14.92	18.50	1.86
0.367	1.14	6.417	1.86	12.467	14.92	18.52	1.86
0.383	1.14	6.433	1.86	12.483	14.92	18.53	1.86
0.400	1.14	6.450	1.86	12.500	14.92	18.55	1.86
0.417	1.14	6.467	1.86	12.517	14.92	18.57	1.86
0.433	1.14	6.483	1.86	12.533	14.92	18.58	1.86
0.450	1.14	6.500	1.86	12.550	14.92	18.60	1.86
0.467	1.14	6.517	1.86	12.567	14.92	18.62	1.86
0.483	1.14	6.533	1.86	12.583	14.92	18.63	1.86
0.500	1.14	6.550	1.86	12.600	14.92	18.65	1.86
0.517	1.14	6.567	1.86	12.617	14.92	18.67	1.86
0.533	1.14	6.583	1.86	12.633	14.92	18.68	1.86
0.550	1.14	6.600	1.86	12.650	14.92	18.70	1.86
0.567	1.14	6.617	1.86	12.667	14.92	18.72	1.86
0.583	1.14	6.633	1.86	12.683	7.68	18.73	1.86
0.600	1.14	6.650	1.86	12.700	7.67	18.75	1.86
0.617	1.14	6.667	1.86	12.717	7.67	18.77	1.86
0.633	1.14	6.683	1.86	12.733	7.67	18.78	1.86
0.650	1.14	6.700	1.86	12.750	7.67	18.80	1.86
0.667	1.14	6.717	1.86	12.767	7.67	18.82	1.86
0.683	1.14	6.733	1.86	12.783	7.67	18.83	1.86
0.700	1.14	6.750	1.86	12.800	7.67	18.85	1.86
0.717	1.14	6.767	1.86	12.817	7.67	18.87	1.86
0.733	1.14	6.783	1.86	12.833	7.67	18.88	1.86
0.750	1.14	6.800	1.86	12.850	7.67	18.90	1.86
0.767	1.14	6.817	1.86	12.867	7.67	18.92	1.86
0.783	1.14	6.833	1.86	12.883	7.67	18.93	1.86
0.800	1.14	6.850	1.86	12.900	7.67	18.95	1.86
0.817	1.14	6.867	1.86	12.917	7.67	18.97	1.86
0.833	1.14	6.883	1.86	12.933	7.67	18.98	1.86
0.850	1.14	6.900	1.86	12.950	7.67	19.00	1.86
0.867	1.14	6.917	1.86	12.967	7.67	19.02	1.86
0.883	1.14	6.933	1.86	12.983	7.67	19.03	1.86
0.900	1.14	6.950	1.86	13.000	7.67	19.05	1.86
0.917	1.14	6.967	1.86	13.017	7.67	19.07	1.86
0.933	1.14	6.983	1.86	13.033	7.67	19.08	1.86
0.950	1.14	7.000	1.86	13.050	7.67	19.10	1.86
0.967	1.14	7.017	1.86	13.067	7.67	19.12	1.86
0.983	1.14	7.033	1.86	13.083	7.67	19.13	1.86
1.000	1.14	7.050	1.86	13.100	7.67	19.15	1.86
1.017	1.14	7.067	1.86	13.117	7.67	19.17	1.86
1.033	1.14	7.083	1.86	13.133	7.67	19.18	1.86
1.050	1.14	7.100	1.86	13.150	7.67	19.20	1.86
1.067	1.14	7.117	1.86	13.167	7.67	19.22	1.86
1.083	1.14	7.133	1.86	13.183	5.60	19.23	1.86
1.100	1.14	7.150	1.86	13.200	5.59	19.25	1.86
1.117	1.14	7.167	1.87	13.217	5.59	19.27	1.86
1.133	1.14	7.183	2.28	13.233	5.59	19.28	1.86
1.150	1.14	7.200	2.28	13.250	5.59	19.30	1.86
1.167	1.14	7.217	2.28	13.267	5.59	19.32	1.86
1.183	1.14	7.233	2.28	13.283	5.59	19.33	1.86
1.200	1.14	7.250	2.28	13.300	5.59	19.35	1.86
1.217	1.14	7.267	2.28	13.317	5.59	19.37	1.86
1.233	1.14	7.283	2.28	13.333	5.59	19.38	1.86
1.250	1.14	7.300	2.28	13.350	5.59	19.40	1.86
1.267	1.14	7.317	2.28	13.367	5.59	19.42	1.86
1.283	1.14	7.333	2.28	13.383	5.59	19.43	1.86
1.300	1.14	7.350	2.28	13.400	5.59	19.45	1.86
1.317	1.14	7.367	2.28	13.417	5.59	19.47	1.86
1.333	1.14	7.383	2.28	13.433	5.59	19.48	1.86
1.350	1.14	7.400	2.28	13.450	5.59	19.50	1.86
1.367	1.14	7.417	2.28	13.467	5.59	19.52	1.86
1.383	1.14	7.433	2.28	13.483	5.59	19.53	1.86
1.400	1.14	7.450	2.28	13.500	5.59	19.55	1.86
1.417	1.14	7.467	2.28	13.517	5.59	19.57	1.86
1.433	1.14	7.483	2.28	13.533	5.59	19.58	1.86
1.450	1.14	7.500	2.28	13.550	5.59	19.60	1.86
1.467	1.14	7.517	2.28	13.567	5.59	19.62	1.86
1.483	1.14	7.533	2.28	13.583	5.59	19.63	1.86
1.500	1.14	7.550	2.28	13.600	5.59	19.65	1.86
1.517	1.14	7.567	2.28	13.617	5.59	19.67	1.86
1.533	1.14	7.583	2.28	13.633	5.59	19.68	1.86
1.550	1.14	7.600	2.28	13.650	5.59	19.70	1.86
1.567	1.14	7.617	2.28	13.667	5.59	19.72	1.86
1.583	1.14	7.633	2.28	13.683	4.35	19.73	1.86
1.600	1.14	7.650	2.28	13.700	4.35	19.75	1.86
1.617	1.14	7.667	2.28	13.717	4.35	19.77	1.86
1.633	1.14	7.683	2.28	13.733	4.35	19.78	1.86
1.650	1.14	7.700	2.28	13.750	4.35	19.80	1.86
1.667	1.14	7.717	2.28	13.767	4.35	19.82	1.86
1.683	1.14	7.733	2.28	13.783	4.35	19.83	1.86
1.700	1.14	7.750	2.28	13.800	4.35	19.85	1.86
1.717	1.14	7.767	2.28	13.817	4.35	19.87	1.86
1.733	1.14	7.783	2.28	13.833	4.35	19.88	1.86
1.750	1.14	7.800	2.28	13.850	4.35	19.90	1.86
1.767	1.14	7.817	2.28	13.867	4.35	19.92	1.86
1.783	1.14	7.833	2.28	13.883	4.35	19.93	1.86
1.800	1.14	7.850	2.28	13.900	4.35	19.95	1.86
1.817	1.14	7.867	2.28	13.917	4.35	19.97	1.86
1.833	1.14	7.883	2.28	13.933	4.35	19.98	1.86
1.850	1.14	7.900	2.28	13.950	4.35	20.00	1.86
1.867	1.14	7.917	2.28	13.967	4.35	20.02	1.86
1.883	1.14	7.933	2.28	13.983	4.35	20.03	1.86
1.900	1.14	7.950	2.28	14.000	4.35	20.05	1.86
1.917	1.14	7.967	2.28	14.017	4.35	20.07	1.86
1.933	1.14	7.983	2.28	14.033	4.35	20.08	1.86
1.950	1.14	8.000	2.28	14.050	4.35	20.10	1.86
1.967	1.14	8.017	2.28	14.067	4.35	20.12	1.86
1.983	1.14	8.033	2.28	14.083	4.35	20.13	1.86
2.000	1.14	8.050	2.28	14.100	4.35	20.15	1.86
2.017	1.14	8.067	2.28	14.117	4.35	20.17	1.86
2.033	1.14	8.083	2.28	14.133	4.35	20.18	1.25
2.050	1.14	8.100	2.28	14.150	4.35	20.20	1.24
2.067	1.14	8.117	2.28	14.167	4.35	20.22	1.24
2.083	1.14	8.133	2.28	14.183	3.11	20.23	1.24
2.100	1.14	8.150	2.28	14.200	3.11	20.25	1.24
2.117	1.14	8.167	2.28	14.217	3.11	20.27	1.24
2.133	1.14	8.183	2.69	14.233	3.11	20.28	1.24
2.150	1.14	8.200	2.69	14.250	3.11	20.30	1.24
2.167	1.14	8.217	2.69	14.267	3.11	20.32	1.24
2.183	1.35	8.233	2.69	14.283	3.11	20.33	1.24
2.200	1.35	8.250	2.69	14.300	3.11	20.35	1.24
2.217	1.35	8.267	2.69	14.317	3.11	20.37	1.24
2.233	1.35	8.283	2.69	14.333	3.11	20.38	1.24
2.250	1.35	8.300	2.69	14.350	3.11	20.40	1.24
2.267	1.35	8.317	2.69	14.367	3.11	20.42	1.24
2.283	1.35	8.333	2.69	14.383	3.11	20.43	1.24
2.300	1.35	8.350	2.69	14.400	3.11	20.45	1.24
2.317	1.35	8.367	2.69	14.417	3.11	20.47	1.24
2.333	1.35	8.383	2.69	14.433	3.11	20.48	1.24
2.350	1.35	8.400	2.69	14.450	3.11	20.50	1.24
2.367	1.35	8.417	2.69	14.467	3.11	20.52	1.24
2.383	1.35	8.433	2.69	14.483	3.11	20.53	1.24
2.400	1.35	8.450	2.69	14.500	3.11	20.55	1.24
2.417	1.35	8.467	2.69	14.517	3.11	20.57	1.24
2.433	1.35	8.483	2.69	14.533	3.11	20.58	1.24
2.450	1.35	8.500	2.69	14.550	3.11	20.60	1.24
2.467	1.35	8.517	2.69	14.567	3.11	20.62	1.24
2.483	1.35	8.533	2.69	14.583	3.11	20.63	1.24
2.500	1.35	8.550	2.69	14.600	3.11	20.65	1.24
2.517	1.35	8.567	2.69	14.617	3.11	20.67	1.24
2.533	1.35	8.583	2.69	14.633	3.11	20.68	1.24
2.550	1.35	8.600	2.69	14.650	3.11	20.70	1.24
2.567	1.35	8.617	2.69	14.667	3.11	20.72	1.24
2.583	1.35	8.633	2.69	14.683	3.11	20.73	1.24
2.600	1.35	8.650	2.69	14.700	3.11	20.75	1.24
2.617	1.35	8.667	2.69	14.717	3.11	20.77	1.24
2.633	1.35	8.683	2.90	14.733	3.11	20.78	1.24
2.650	1.35	8.700	2.90	14.750	3.11	20.80	1.24
2.667	1.35	8.717	2.90	14.767	3.11	20.82	1.24
2.683	1.35	8.733	2.90	14.783	3.11	20.83	1.24
2.700	1.35	8.750	2.90	14.800	3.11	20.85	1.24
2.717	1.35	8.767	2.90	14.817	3.11	20.87	1.24
2.733	1.35	8.783	2.90	14.833	3.11	20.88	1.24
2.750	1.35	8.800	2.90	14.850	3.11	20.90	1.24
2.767	1.35	8.817	2.90	14.867	3.11	20.92	1.24
2.783	1.35	8.833	2.90	14.883	3.11	20.93	1.24
2.800	1.35	8.850	2.90	14.900	3.11	20.95	1.24
2.817	1.35	8.867	2.90	14.917	3.11	20.97	1.24
2.833	1.35	8.883	2.90	14.933	3.11	20.98	1.24
2.850	1.35	8.900	2.90	14.950	3.11	21.00	1.24
2.867	1.35	8.917	2.90	14.967	3.11	21.02	1.24
2.883	1.35	8.933	2.90	14.983	3.11	21.03	1.24
2.900	1.35	8.950	2.90	15.000	3.11	21.05	1.24
2.917	1.35	8.967	2.90	15.017	3.11	21.07	1.24
2.933	1.35	8.983	2.90	15.033	3.11	21.08	1.24
2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24
3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24
3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24

50-yr 24hr SCS Type II

3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

Max.Eff.Inten.(mm/hr)=	126.81	120.95	
over (min)	5.00	5.00	
Storage Coeff. (min)=	0.39 (ii)	4.02 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.55	0.26	
			TOTALS
PEAK FLOW (cms)=	0.00	0.07	0.070 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	102.60	65.95	65.95
TOTAL RAINFALL (mm)=	103.60	103.60	103.60
RUNOFF COEFFICIENT =	0.99	0.64	0.64

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0007)		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
1 + 2 = 3	ID1= 1 (0002):	18.85	0.586	12.75	71.18
	+ ID2= 2 (0203):	1.05	0.232	12.18	70.07
	ID = 3 (0007):	19.90	0.722	12.23	71.12

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0007)		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
3 + 2 = 1	ID1= 3 (0007):	19.90	0.722	12.23	71.12
	+ ID2= 2 (0205):	0.28	0.070	12.17	65.95
	ID = 1 (0007):	20.18	0.778	12.22	71.05

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB
STANDHYD (0208) | Area (ha)= 0.61
ID= 1 DT= 1.0 min | Total Imp(%)= 45.00 Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.27	0.34
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	25.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.66	12.117	126.81	18.17	1.86
0.033	0.00	6.083	1.66	12.133	126.81	18.18	1.86
0.050	0.00	6.100	1.66	12.150	126.81	18.20	1.86
0.067	0.00	6.117	1.66	12.167	126.81	18.22	1.86
0.083	0.00	6.133	1.66	12.183	15.01	18.23	1.86
0.100	0.00	6.150	1.66	12.200	14.92	18.25	1.86
0.117	0.00	6.167	1.66	12.217	14.92	18.27	1.86
0.133	0.00	6.183	1.86	12.233	14.92	18.28	1.86
0.150	0.00	6.200	1.86	12.250	14.92	18.30	1.86
0.167	0.00	6.217	1.86	12.267	14.92	18.32	1.86
0.183	1.14	6.233	1.86	12.283	14.92	18.33	1.86
0.200	1.14	6.250	1.86	12.300	14.92	18.35	1.86
0.217	1.14	6.267	1.86	12.317	14.92	18.37	1.86
0.233	1.14	6.283	1.86	12.333	14.92	18.38	1.86
0.250	1.14	6.300	1.86	12.350	14.92	18.40	1.86
0.267	1.14	6.317	1.86	12.367	14.92	18.42	1.86
0.283	1.14	6.333	1.86	12.383	14.92	18.43	1.86
0.300	1.14	6.350	1.86	12.400	14.92	18.45	1.86
0.317	1.14	6.367	1.86	12.417	14.92	18.47	1.86
0.333	1.14	6.383	1.86	12.433	14.92	18.48	1.86
0.350	1.14	6.400	1.86	12.450	14.92	18.50	1.86
0.367	1.14	6.417	1.86	12.467	14.92	18.52	1.86
0.383	1.14	6.433	1.86	12.483	14.92	18.53	1.86
0.400	1.14	6.450	1.86	12.500	14.92	18.55	1.86
0.417	1.14	6.467	1.86	12.517	14.92	18.57	1.86
0.433	1.14	6.483	1.86	12.533	14.92	18.58	1.86
0.450	1.14	6.500	1.86	12.550	14.92	18.60	1.86
0.467	1.14	6.517	1.86	12.567	14.92	18.62	1.86
0.483	1.14	6.533	1.86	12.583	14.92	18.63	1.86
0.500	1.14	6.550	1.86	12.600	14.92	18.65	1.86
0.517	1.14	6.567	1.86	12.617	14.92	18.67	1.86
0.533	1.14	6.583	1.86	12.633	14.92	18.68	1.86
0.550	1.14	6.600	1.86	12.650	14.92	18.70	1.86
0.567	1.14	6.617	1.86	12.667	14.92	18.72	1.86
0.583	1.14	6.633	1.86	12.683	7.68	18.73	1.86
0.600	1.14	6.650	1.86	12.700	7.67	18.75	1.86
0.617	1.14	6.667	1.86	12.717	7.67	18.77	1.86
0.633	1.14	6.683	1.86	12.733	7.67	18.78	1.86
0.650	1.14	6.700	1.86	12.750	7.67	18.80	1.86
0.667	1.14	6.717	1.86	12.767	7.67	18.82	1.86
0.683	1.14	6.733	1.86	12.783	7.67	18.83	1.86
0.700	1.14	6.750	1.86	12.800	7.67	18.85	1.86
0.717	1.14	6.767	1.86	12.817	7.67	18.87	1.86
0.733	1.14	6.783	1.86	12.833	7.67	18.88	1.86
0.750	1.14	6.800	1.86	12.850	7.67	18.90	1.86
0.767	1.14	6.817	1.86	12.867	7.67	18.92	1.86
0.783	1.14	6.833	1.86	12.883	7.67	18.93	1.86
0.800	1.14	6.850	1.86	12.900	7.67	18.95	1.86
0.817	1.14	6.867	1.86	12.917	7.67	18.97	1.86
0.833	1.14	6.883	1.86	12.933	7.67	18.98	1.86
0.850	1.14	6.900	1.86	12.950	7.67	19.00	1.86
0.867	1.14	6.917	1.86	12.967	7.67	19.02	1.86
0.883	1.14	6.933	1.86	12.983	7.67	19.03	1.86
0.900	1.14	6.950	1.86	13.000	7.67	19.05	1.86
0.917	1.14	6.967	1.86	13.017	7.67	19.07	1.86
0.933	1.14	6.983	1.86	13.033	7.67	19.08	1.86
0.950	1.14	7.000	1.86	13.050	7.67	19.10	1.86
0.967	1.14	7.017	1.86	13.067	7.67	19.12	1.86
0.983	1.14	7.033	1.86	13.083	7.67	19.13	1.86
1.000	1.14	7.050	1.86	13.100	7.67	19.15	1.86
1.017	1.14	7.067	1.86	13.117	7.67	19.17	1.86
1.033	1.14	7.083	1.86	13.133	7.67	19.18	1.86
1.050	1.14	7.100	1.86	13.150	7.67	19.20	1.86
1.067	1.14	7.117	1.86	13.167	7.67	19.22	1.86
1.083	1.14	7.133	1.86	13.183	5.60	19.23	1.86
1.100	1.14	7.150	1.86	13.200	5.59	19.25	1.86
1.117	1.14	7.167	1.87	13.217	5.59	19.27	1.86
1.133	1.14	7.183	2.28	13.233	5.59	19.28	1.86
1.150	1.14	7.200	2.28	13.250	5.59	19.30	1.86
1.167	1.14	7.217	2.28	13.267	5.59	19.32	1.86
1.183	1.14	7.233	2.28	13.283	5.59	19.33	1.86
1.200	1.14	7.250	2.28	13.300	5.59	19.35	1.86
1.217	1.14	7.267	2.28	13.317	5.59	19.37	1.86
1.233	1.14	7.283	2.28	13.333	5.59	19.38	1.86
1.250	1.14	7.300	2.28	13.350	5.59	19.40	1.86

50-yr 24hr SCS Type II

1.267	1.14	7.317	2.28	13.367	5.59	19.42	1.86
1.283	1.14	7.333	2.28	13.383	5.59	19.43	1.86
1.300	1.14	7.350	2.28	13.400	5.59	19.45	1.86
1.317	1.14	7.367	2.28	13.417	5.59	19.47	1.86
1.333	1.14	7.383	2.28	13.433	5.59	19.48	1.86
1.350	1.14	7.400	2.28	13.450	5.59	19.50	1.86
1.367	1.14	7.417	2.28	13.467	5.59	19.52	1.86
1.383	1.14	7.433	2.28	13.483	5.59	19.53	1.86
1.400	1.14	7.450	2.28	13.500	5.59	19.55	1.86
1.417	1.14	7.467	2.28	13.517	5.59	19.57	1.86
1.433	1.14	7.483	2.28	13.533	5.59	19.58	1.86
1.450	1.14	7.500	2.28	13.550	5.59	19.60	1.86
1.467	1.14	7.517	2.28	13.567	5.59	19.62	1.86
1.483	1.14	7.533	2.28	13.583	5.59	19.63	1.86
1.500	1.14	7.550	2.28	13.600	5.59	19.65	1.86
1.517	1.14	7.567	2.28	13.617	5.59	19.67	1.86
1.533	1.14	7.583	2.28	13.633	5.59	19.68	1.86
1.550	1.14	7.600	2.28	13.650	5.59	19.70	1.86
1.567	1.14	7.617	2.28	13.667	5.59	19.72	1.86
1.583	1.14	7.633	2.28	13.683	4.35	19.73	1.86
1.600	1.14	7.650	2.28	13.700	4.35	19.75	1.86
1.617	1.14	7.667	2.28	13.717	4.35	19.77	1.86
1.633	1.14	7.683	2.28	13.733	4.35	19.78	1.86
1.650	1.14	7.700	2.28	13.750	4.35	19.80	1.86
1.667	1.14	7.717	2.28	13.767	4.35	19.82	1.86
1.683	1.14	7.733	2.28	13.783	4.35	19.83	1.86
1.700	1.14	7.750	2.28	13.800	4.35	19.85	1.86
1.717	1.14	7.767	2.28	13.817	4.35	19.87	1.86
1.733	1.14	7.783	2.28	13.833	4.35	19.88	1.86
1.750	1.14	7.800	2.28	13.850	4.35	19.90	1.86
1.767	1.14	7.817	2.28	13.867	4.35	19.92	1.86
1.783	1.14	7.833	2.28	13.883	4.35	19.93	1.86
1.800	1.14	7.850	2.28	13.900	4.35	19.95	1.86
1.817	1.14	7.867	2.28	13.917	4.35	19.97	1.86
1.833	1.14	7.883	2.28	13.933	4.35	19.98	1.86
1.850	1.14	7.900	2.28	13.950	4.35	20.00	1.86
1.867	1.14	7.917	2.28	13.967	4.35	20.02	1.86
1.883	1.14	7.933	2.28	13.983	4.35	20.03	1.86
1.900	1.14	7.950	2.28	14.000	4.35	20.05	1.86
1.917	1.14	7.967	2.28	14.017	4.35	20.07	1.86
1.933	1.14	7.983	2.28	14.033	4.35	20.08	1.86
1.950	1.14	8.000	2.28	14.050	4.35	20.10	1.86
1.967	1.14	8.017	2.28	14.067	4.35	20.12	1.86
1.983	1.14	8.033	2.28	14.083	4.35	20.13	1.86
2.000	1.14	8.050	2.28	14.100	4.35	20.15	1.86
2.017	1.14	8.067	2.28	14.117	4.35	20.17	1.86
2.033	1.14	8.083	2.28	14.133	4.35	20.18	1.25
2.050	1.14	8.100	2.28	14.150	4.35	20.20	1.24
2.067	1.14	8.117	2.28	14.167	4.35	20.22	1.24
2.083	1.14	8.133	2.28	14.183	3.11	20.23	1.24
2.100	1.14	8.150	2.28	14.200	3.11	20.25	1.24
2.117	1.14	8.167	2.28	14.217	3.11	20.27	1.24
2.133	1.14	8.183	2.69	14.233	3.11	20.28	1.24
2.150	1.14	8.200	2.69	14.250	3.11	20.30	1.24
2.167	1.14	8.217	2.69	14.267	3.11	20.32	1.24
2.183	1.35	8.233	2.69	14.283	3.11	20.33	1.24
2.200	1.35	8.250	2.69	14.300	3.11	20.35	1.24
2.217	1.35	8.267	2.69	14.317	3.11	20.37	1.24
2.233	1.35	8.283	2.69	14.333	3.11	20.38	1.24
2.250	1.35	8.300	2.69	14.350	3.11	20.40	1.24
2.267	1.35	8.317	2.69	14.367	3.11	20.42	1.24
2.283	1.35	8.333	2.69	14.383	3.11	20.43	1.24
2.300	1.35	8.350	2.69	14.400	3.11	20.45	1.24
2.317	1.35	8.367	2.69	14.417	3.11	20.47	1.24
2.333	1.35	8.383	2.69	14.433	3.11	20.48	1.24
2.350	1.35	8.400	2.69	14.450	3.11	20.50	1.24
2.367	1.35	8.417	2.69	14.467	3.11	20.52	1.24
2.383	1.35	8.433	2.69	14.483	3.11	20.53	1.24
2.400	1.35	8.450	2.69	14.500	3.11	20.55	1.24
2.417	1.35	8.467	2.69	14.517	3.11	20.57	1.24
2.433	1.35	8.483	2.69	14.533	3.11	20.58	1.24
2.450	1.35	8.500	2.69	14.550	3.11	20.60	1.24
2.467	1.35	8.517	2.69	14.567	3.11	20.62	1.24
2.483	1.35	8.533	2.69	14.583	3.11	20.63	1.24
2.500	1.35	8.550	2.69	14.600	3.11	20.65	1.24
2.517	1.35	8.567	2.69	14.617	3.11	20.67	1.24
2.533	1.35	8.583	2.69	14.633	3.11	20.68	1.24
2.550	1.35	8.600	2.69	14.650	3.11	20.70	1.24
2.567	1.35	8.617	2.69	14.667	3.11	20.72	1.24
2.583	1.35	8.633	2.69	14.683	3.11	20.73	1.24
2.600	1.35	8.650	2.69	14.700	3.11	20.75	1.24
2.617	1.35	8.667	2.69	14.717	3.11	20.77	1.24
2.633	1.35	8.683	2.90	14.733	3.11	20.78	1.24
2.650	1.35	8.700	2.90	14.750	3.11	20.80	1.24
2.667	1.35	8.717	2.90	14.767	3.11	20.82	1.24
2.683	1.35	8.733	2.90	14.783	3.11	20.83	1.24
2.700	1.35	8.750	2.90	14.800	3.11	20.85	1.24
2.717	1.35	8.767	2.90	14.817	3.11	20.87	1.24
2.733	1.35	8.783	2.90	14.833	3.11	20.88	1.24
2.750	1.35	8.800	2.90	14.850	3.11	20.90	1.24
2.767	1.35	8.817	2.90	14.867	3.11	20.92	1.24
2.783	1.35	8.833	2.90	14.883	3.11	20.93	1.24
2.800	1.35	8.850	2.90	14.900	3.11	20.95	1.24
2.817	1.35	8.867	2.90	14.917	3.11	20.97	1.24
2.833	1.35	8.883	2.90	14.933	3.11	20.98	1.24
2.850	1.35	8.900	2.90	14.950	3.11	21.00	1.24
2.867	1.35	8.917	2.90	14.967	3.11	21.02	1.24
2.883	1.35	8.933	2.90	14.983	3.11	21.03	1.24
2.900	1.35	8.950	2.90	15.000	3.11	21.05	1.24
2.917	1.35	8.967	2.90	15.017	3.11	21.07	1.24
2.933	1.35	8.983	2.90	15.033	3.11	21.08	1.24
2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24
3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24
3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24
3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24

50-yr 24hr SCS Type II

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                6.033    1.66 |12.083  126.81 |18.133    1.86 |
                6.050    1.66 |12.100  126.81 |18.150    1.86 |

      Max.Eff.Inten.(mm/hr)=     126.81       195.56
                over (min)         5.00         5.00
      Storage Coeff.  (min)=       0.39 (ii)    4.46 (ii)
      Unit Hyd. Tpeak (min)=       5.00         5.00
      Unit Hyd. peak  (cms)=       0.55         0.24
                                                    *TOTALS*
      PEAK FLOW        (cms)=      0.00         0.17          0.167 (iii)
      TIME TO PEAK     (hrs)=     12.13        12.17         12.17
      RUNOFF VOLUME     (mm)=    102.60        74.90         74.90
      TOTAL RAINFALL    (mm)=    103.60       103.60        103.60
      RUNOFF COEFFICIENT   =       0.99         0.72          0.72

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
              YOU SHOULD CONSIDER SPLITTING THE AREA.

         (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
              CN* = 80.0    Ia = Dep. Storage  (Above)
        (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
             THAN THE STORAGE COEFFICIENT.
       (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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| CALIB             |
| STANDHYD (  0209)|   Area    (ha)=   0.06
|ID= 1 DT= 1.0 min |   Total Imp(%)=  25.00   Dir. Conn.(%)=   0.01
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                          IMPERVIOUS    PERVIOUS (i)
      Surface Area     (ha)=      0.01         0.05
      Dep. Storage     (mm)=      1.00         5.00
      Average Slope     (%)=      1.00         2.00
      Length            (m)=      5.00         5.00
      Mannings n             =   0.013        0.250

          NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.


                              ---- TRANSFORMED HYETOGRAPH ----
       TIME     RAIN |  TIME     RAIN |'  TIME     RAIN |  TIME     RAIN
        hrs    mm/hr |   hrs    mm/hr |'   hrs    mm/hr |   hrs    mm/hr
      0.017     0.00 |  6.067    1.66 |12.117  126.81 | 18.17    1.86
      0.033     0.00 |  6.083    1.66 |12.133  126.81 | 18.18    1.86
      0.050     0.00 |  6.100    1.66 |12.150  126.81 | 18.20    1.86
      0.067     0.00 |  6.117    1.66 |12.167  126.81 | 18.22    1.86
      0.083     0.00 |  6.133    1.66 |12.183   15.01 | 18.23    1.86
      0.100     0.00 |  6.150    1.66 |12.200   14.92 | 18.25    1.86
      0.117     0.00 |  6.167    1.66 |12.217   14.92 | 18.27    1.86
      0.133     0.00 |  6.183    1.86 |12.233   14.92 | 18.28    1.86
      0.150     0.00 |  6.200    1.86 |12.250   14.92 | 18.30    1.86
      0.167     0.00 |  6.217    1.86 |12.267   14.92 | 18.32    1.86
      0.183     1.14 |  6.233    1.86 |12.283   14.92 | 18.33    1.86
      0.200     1.14 |  6.250    1.86 |12.300   14.92 | 18.35    1.86
      0.217     1.14 |  6.267    1.86 |12.317   14.92 | 18.37    1.86
      0.233     1.14 |  6.283    1.86 |12.333   14.92 | 18.38    1.86
      0.250     1.14 |  6.300    1.86 |12.350   14.92 | 18.40    1.86
      0.267     1.14 |  6.317    1.86 |12.367   14.92 | 18.42    1.86
      0.283     1.14 |  6.333    1.86 |12.383   14.92 | 18.43    1.86
      0.300     1.14 |  6.350    1.86 |12.400   14.92 | 18.45    1.86
      0.317     1.14 |  6.367    1.86 |12.417   14.92 | 18.47    1.86
      0.333     1.14 |  6.383    1.86 |12.433   14.92 | 18.48    1.86
      0.350     1.14 |  6.400    1.86 |12.450   14.92 | 18.50    1.86
      0.367     1.14 |  6.417    1.86 |12.467   14.92 | 18.52    1.86
      0.383     1.14 |  6.433    1.86 |12.483   14.92 | 18.53    1.86
      0.400     1.14 |  6.450    1.86 |12.500   14.92 | 18.55    1.86
      0.417     1.14 |  6.467    1.86 |12.517   14.92 | 18.57    1.86
      0.433     1.14 |  6.483    1.86 |12.533   14.92 | 18.58    1.86
      0.450     1.14 |  6.500    1.86 |12.550   14.92 | 18.60    1.86
      0.467     1.14 |  6.517    1.86 |12.567   14.92 | 18.62    1.86
      0.483     1.14 |  6.533    1.86 |12.583   14.92 | 18.63    1.86
      0.500     1.14 |  6.550    1.86 |12.600   14.92 | 18.65    1.86
      0.517     1.14 |  6.567    1.86 |12.617   14.92 | 18.67    1.86
      0.533     1.14 |  6.583    1.86 |12.633   14.92 | 18.68    1.86
      0.550     1.14 |  6.600    1.86 |12.650   14.92 | 18.70    1.86
      0.567     1.14 |  6.617    1.86 |12.667   14.92 | 18.72    1.86
      0.583     1.14 |  6.633    1.86 |12.683    7.68 | 18.73    1.86
      0.600     1.14 |  6.650    1.86 |12.700    7.67 | 18.75    1.86
      0.617     1.14 |  6.667    1.86 |12.717    7.67 | 18.77    1.86
      0.633     1.14 |  6.683    1.86 |12.733    7.67 | 18.78    1.86
      0.650     1.14 |  6.700    1.86 |12.750    7.67 | 18.80    1.86
      0.667     1.14 |  6.717    1.86 |12.767    7.67 | 18.82    1.86
      0.683     1.14 |  6.733    1.86 |12.783    7.67 | 18.83    1.86
      0.700     1.14 |  6.750    1.86 |12.800    7.67 | 18.85    1.86
      0.717     1.14 |  6.767    1.86 |12.817    7.67 | 18.87    1.86
      0.733     1.14 |  6.783    1.86 |12.833    7.67 | 18.88    1.86
      0.750     1.14 |  6.800    1.86 |12.850    7.67 | 18.90    1.86
      0.767     1.14 |  6.817    1.86 |12.867    7.67 | 18.92    1.86
      0.783     1.14 |  6.833    1.86 |12.883    7.67 | 18.93    1.86
      0.800     1.14 |  6.850    1.86 |12.900    7.67 | 18.95    1.86
      0.817     1.14 |  6.867    1.86 |12.917    7.67 | 18.97    1.86
      0.833     1.14 |  6.883    1.86 |12.933    7.67 | 18.98    1.86
      0.850     1.14 |  6.900    1.86 |12.950    7.67 | 19.00    1.86
      0.867     1.14 |  6.917    1.86 |12.967    7.67 | 19.02    1.86
      0.883     1.14 |  6.933    1.86 |12.983    7.67 | 19.03    1.86
      0.900     1.14 |  6.950    1.86 |13.000    7.67 | 19.05    1.86
      0.917     1.14 |  6.967    1.86 |13.017    7.67 | 19.07    1.86
      0.933     1.14 |  6.983    1.86 |13.033    7.67 | 19.08    1.86
      0.950     1.14 |  7.000    1.86 |13.050    7.67 | 19.10    1.86
      0.967     1.14 |  7.017    1.86 |13.067    7.67 | 19.12    1.86
      0.983     1.14 |  7.033    1.86 |13.083    7.67 | 19.13    1.86
      1.000     1.14 |  7.050    1.86 |13.100    7.67 | 19.15    1.86
      1.017     1.14 |  7.067    1.86 |13.117    7.67 | 19.17    1.86
      1.033     1.14 |  7.083    1.86 |13.133    7.67 | 19.18    1.86
      1.050     1.14 |  7.100    1.86 |13.150    7.67 | 19.20    1.86
      1.067     1.14 |  7.117    1.86 |13.167    7.67 | 19.22    1.86
      1.083     1.14 |  7.133    1.86 |13.183    5.60 | 19.23    1.86
      1.100     1.14 |  7.150    1.86 |13.200    5.59 | 19.25    1.86
      1.117     1.14 |  7.167    1.87 |13.217    5.59 | 19.27    1.86
      1.133     1.14 |  7.183    2.28 |13.233    5.59 | 19.28    1.86
      1.150     1.14 |  7.200    2.28 |13.250    5.59 | 19.30    1.86
      1.167     1.14 |  7.217    2.28 |13.267    5.59 | 19.32    1.86
      1.183     1.14 |  7.233    2.28 |13.283    5.59 | 19.33    1.86
      1.200     1.14 |  7.250    2.28 |13.300    5.59 | 19.35    1.86
      1.217     1.14 |  7.267    2.28 |13.317    5.59 | 19.37    1.86
      1.233     1.14 |  7.283    2.28 |13.333    5.59 | 19.38    1.86
      1.250     1.14 |  7.300    2.28 |13.350    5.59 | 19.40    1.86
      1.267     1.14 |  7.317    2.28 |13.367    5.59 | 19.42    1.86
      1.283     1.14 |  7.333    2.28 |13.383    5.59 | 19.43    1.86
      1.300     1.14 |  7.350    2.28 |13.400    5.59 | 19.45    1.86
      1.317     1.14 |  7.367    2.28 |13.417    5.59 | 19.47    1.86
      1.333     1.14 |  7.383    2.28 |13.433    5.59 | 19.48    1.86
      1.350     1.14 |  7.400    2.28 |13.450    5.59 | 19.50    1.86
      1.367     1.14 |  7.417    2.28 |13.467    5.59 | 19.52    1.86
      1.383     1.14 |  7.433    2.28 |13.483    5.59 | 19.53    1.86
      1.400     1.14 |  7.450    2.28 |13.500    5.59 | 19.55    1.86
      1.417     1.14 |  7.467    2.28 |13.517    5.59 | 19.57    1.86
      1.433     1.14 |  7.483    2.28 |13.533    5.59 | 19.58    1.86
      1.450     1.14 |  7.500    2.28 |13.550    5.59 | 19.60    1.86
      1.467     1.14 |  7.517    2.28 |13.567    5.59 | 19.62    1.86
      1.483     1.14 |  7.533    2.28 |13.583    5.59 | 19.63    1.86
      1.500     1.14 |  7.550    2.28 |13.600    5.59 | 19.65    1.86
      1.517     1.14 |  7.567    2.28 |13.617    5.59 | 19.67    1.86
      1.533     1.14 |  7.583    2.28 |13.633    5.59 | 19.68    1.86
      1.550     1.14 |  7.600    2.28 |13.650    5.59 | 19.70    1.86
      1.567     1.14 |  7.617    2.28 |13.667    5.59 | 19.72    1.86
      1.583     1.14 |  7.633    2.28 |13.683    4.35 | 19.73    1.86
      1.600     1.14 |  7.650    2.28 |13.700    4.35 | 19.75    1.86
      1.617     1.14 |  7.667    2.28 |13.717    4.35 | 19.77    1.86
      1.633     1.14 |  7.683    2.28 |13.733    4.35 | 19.78    1.86
      1.650     1.14 |  7.700    2.28 |13.750    4.35 | 19.80    1.86
      1.667     1.14 |  7.717    2.28 |13.767    4.35 | 19.82    1.86
      1.683     1.14 |  7.733    2.28 |13.783    4.35 | 19.83    1.86
      1.700     1.14 |  7.750    2.28 |13.800    4.35 | 19.85    1.86
      1.717     1.14 |  7.767    2.28 |13.817    4.35 | 19.87    1.86
      1.733     1.14 |  7.783    2.28 |13.833    4.35 | 19.88    1.86
      1.750     1.14 |  7.800    2.28 |13.850    4.35 | 19.90    1.86
      1.767     1.14 |  7.817    2.28 |13.867    4.35 | 19.92    1.86
      1.783     1.14 |  7.833    2.28 |13.883    4.35 | 19.93    1.86
      1.800     1.14 |  7.850    2.28 |13.900    4.35 | 19.95    1.86
      1.817     1.14 |  7.867    2.28 |13.917    4.35 | 19.97    1.86
      1.833     1.14 |  7.883    2.28 |13.933    4.35 | 19.98    1.86
      1.850     1.14 |  7.900    2.28 |13.950    4.35 | 20.00    1.86
      1.867     1.14 |  7.917    2.28 |13.967    4.35 | 20.02    1.86
      1.883     1.14 |  7.933    2.28 |13.983    4.35 | 20.03    1.86
      1.900     1.14 |  7.950    2.28 |14.000    4.35 | 20.05    1.86
      1.917     1.14 |  7.967    2.28 |14.017    4.35 | 20.07    1.86
      1.933     1.14 |  7.983    2.28 |14.033    4.35 | 20.08    1.86
      1.950     1.14 |  8.000    2.28 |14.050    4.35 | 20.10    1.86
      1.967     1.14 |  8.017    2.28 |14.067    4.35 | 20.12    1.86
      1.983     1.14 |  8.033    2.28 |14.083    4.35 | 20.13    1.86
      2.000     1.14 |  8.050    2.28 |14.100    4.35 | 20.15    1.86
      2.017     1.14 |  8.067    2.28 |14.117    4.35 | 20.17    1.86
      2.033     1.14 |  8.083    2.28 |14.133    4.35 | 20.18    1.25
      2.050     1.14 |  8.100    2.28 |14.150    4.35 | 20.20    1.24
      2.067     1.14 |  8.117    2.28 |14.167    4.35 | 20.22    1.24
      2.083     1.14 |  8.133    2.28 |14.183    3.11 | 20.23    1.24
      2.100     1.14 |  8.150    2.28 |14.200    3.11 | 20.25    1.24
      2.117     1.14 |  8.167    2.28 |14.217    3.11 | 20.27    1.24
      2.133     1.14 |  8.183    2.69 |14.233    3.11 | 20.28    1.24
      2.150     1.14 |  8.200    2.69 |14.250    3.11 | 20.30    1.24
      2.167     1.14 |  8.217    2.69 |14.267    3.11 | 20.32    1.24
      2.183     1.35 |  8.233    2.69 |14.283    3.11 | 20.33    1.24
      2.200     1.35 |  8.250    2.69 |14.300    3.11 | 20.35    1.24
      2.217     1.35 |  8.267    2.69 |14.317    3.11 | 20.37    1.24
      2.233     1.35 |  8.283    2.69 |14.333    3.11 | 20.38    1.24
      2.250     1.35 |  8.300    2.69 |14.350    3.11 | 20.40    1.24
      2.267     1.35 |  8.317    2.69 |14.367    3.11 | 20.42    1.24
      2.283     1.35 |  8.333    2.69 |14.383    3.11 | 20.43    1.24
      2.300     1.35 |  8.350    2.69 |14.400    3.11 | 20.45    1.24
      2.317     1.35 |  8.367    2.69 |14.417    3.11 | 20.47    1.24
      2.333     1.35 |  8.383    2.69 |14.433    3.11 | 20.48    1.24
      2.350     1.35 |  8.400    2.69 |14.450    3.11 | 20.50    1.24
      2.367     1.35 |  8.417    2.69 |14.467    3.11 | 20.52    1.24
      2.383     1.35 |  8.433    2.69 |14.483    3.11 | 20.53    1.24
      2.400     1.35 |  8.450    2.69 |14.500    3.11 | 20.55    1.24
      2.417     1.35 |  8.467    2.69 |14.517    3.11 | 20.57    1.24
      2.433     1.35 |  8.483    2.69 |14.533    3.11 | 20.58    1.24
      2.450     1.35 |  8.500    2.69 |14.550    3.11 | 20.60    1.24
      2.467     1.35 |  8.517    2.69 |14.567    3.11 | 20.62    1.24
      2.483     1.35 |  8.533    2.69 |14.583    3.11 | 20.63    1.24
      2.500     1.35 |  8.550    2.69 |14.600    3.11 | 20.65    1.24
      2.517     1.35 |  8.567    2.69 |14.617    3.11 | 20.67    1.24
      2.533     1.35 |  8.583    2.69 |14.633    3.11 | 20.68    1.24
      2.550     1.35 |  8.600    2.69 |14.650    3.11 | 20.70    1.24
      2.567     1.35 |  8.617    2.69 |14.667    3.11 | 20.72    1.24
      2.583     1.35 |  8.633    2.69 |14.683    3.11 | 20.73    1.24
      2.600     1.35 |  8.650    2.69 |14.700    3.11 | 20.75    1.24
      2.617     1.35 |  8.667    2.69 |14.717    3.11 | 20.77    1.24
      2.633     1.35 |  8.683    2.90 |14.733    3.11 | 20.78    1.24
      2.650     1.35 |  8.700    2.90 |14.750    3.11 | 20.80    1.24
      2.667     1.35 |  8.717    2.90 |14.767    3.11 | 20.82    1.24
      2.683     1.35 |  8.733    2.90 |14.783    3.11 | 20.83    1.24
      2.700     1.35 |  8.750    2.90 |14.800    3.11 | 20.85    1.24
      2.717     1.35 |  8.767    2.90 |14.817    3.11 | 20.87    1.24
      2.733     1.35 |  8.783    2.90 |14.833    3.11 | 20.88    1.24
      2.750     1.35 |  8.800    2.90 |14.850    3.11 | 20.90    1.24
      2.767     1.35 |  8.817    2.90 |14.867    3.11 | 20.92    1.24
      2.783     1.35 |  8.833    2.90 |14.883    3.11 | 20.93    1.24
      2.800     1.35 |  8.850    2.90 |14.900    3.11 | 20.95    1.24
      2.817     1.35 |  8.867    2.90 |14.917    3.11 | 20.97    1.24
      2.833     1.35 |  8.883    2.90 |14.933    3.11 | 20.98    1.24
      2.850     1.35 |  8.900    2.90 |14.950    3.11 | 21.00    1.24
      2.867     1.35 |  8.917    2.90 |14.967    3.11 | 21.02    1.24
      2.883     1.35 |  8.933    2.90 |14.983    3.11 | 21.03    1.24
      2.900     1.35 |  8.950    2.90 |15.000    3.11 | 21.05    1.24
      2.917     1.35 |  8.967    2.90 |15.017    3.11 | 21.07    1.24
      2.933     1.35 |  8.983    2.90 |15.033    3.11 | 21.08    1.24
      2.950     1.35 |  9.000    2.90 |15.050    3.11 | 21.10    1.24
      2.967     1.35 |  9.017    2.90 |15.067    3.11 | 21.12    1.24
      2.983     1.35 |  9.033    2.90 |15.083    3.11 | 21.13    1.24
      3.000     1.35 |  9.050    2.90 |15.100    3.11 | 21.15    1.24
      3.017     1.35 |  9.067    2.90 |15.117    3.11 | 21.17    1.24
      3.033     1.35 |  9.083    2.90 |15.133    3.11 | 21.18    1.24
      3.050     1.35 |  9.100    2.90 |15.150    3.11 | 21.20    1.24
      3.067     1.35 |  9.117    2.90 |15.167    3.11 | 21.22    1.24
      3.083     1.35 |  9.133    2.90 |15.183    3.11 | 21.23    1.24
      3.100     1.35 |  9.150    2.90 |15.200    3.11 | 21.25    1.24
      3.117     1.35 |  9.167    2.90 |15.217    3.11 | 21.27    1.24
      3.133     1.35 |  9.183    3.32 |15.233    3.11 | 21.28    1.24
      3.150     1.35 |  9.200    3.32 |15.250    3.11 | 21.30    1.24
      3.167     1.35 |  9.217    3.32 |15.267    3.11 | 21.32    1.24
      3.183     1.35 |  9.233    3.32 |15.283    3.11 | 21.33    1.24
      3.200     1.35 |  9.250    3.32 |15.300    3.11 | 21.35    1.24
      3.217     1.35 |  9.267    3.32 |15.317    3.11 | 21.37    1.24
      3.233     1.35 |  9.283    3.32 |15.333    3.11 | 21.38    1.24
      3.250     1.35 |  9.300    3.32 |15.350    3.11 | 21.40    1.24
      3.267     1.35 |  9.317    3.32 |15.367    3.11 | 21.42    1.24
      3.283     1.35 |  9.333    3.32 |15.383    3.11 | 21.43    1.24
      3.300     1.35 |  9.350    3.32 |15.400    3.11 | 21.45    1.24
      3.317     1.35 |  9.367    3.32 |15.417    3.11 | 21.47    1.24
      3.333     1.35 |  9.383    3.32 |15.433    3.11 | 21.48    1.24
      3.350     1.35 |  9.400    3.32 |15.450    3.11 | 21.50    1.24
      3.367     1.35 |  9.417    3.32 |15.467    3.11 | 21.52    1.24
      3.383     1.35 |  9.433    3.32 |15.483    3.11 | 21.53    1.24
      3.400     1.35 |  9.450    3.32 |15.500    3.11 | 21.55    1.24
      3.417     1.35 |  9.467    3.32 |15.517    3.11 | 21.57    1.24
      3.433     1.35 |  9.483    3.32 |15.533    3.11 | 21.58    1.24
      3.450     1.35 |  9.500    3.32 |15.550    3.11 | 21.60    1.24
      3.467     1.35 |  9.517    3.32 |15.567    3.11 | 21.62    1.24
      3.483     1.35 |  9.533    3.32 |15.583    3.11 | 21.63    1.24
      3.500     1.35 |  9.550    3.32 |15.600    3.11 | 21.65    1.24
      3.517     1.35 |  9.567    3.32 |15.617    3.11 | 21.67    1.24
      3.533     1.35 |  9.583    3.32 |15.633    3.11 | 21.68    1.24
      3.550     1.35 |  9.600    3.32 |15.650    3.11 | 21.70    1.24
      3.567     1.35 |  9.617    3.32 |15.667    3.11 | 21.72    1.24
      3.583     1.35 |  9.633    3.32 |15.683    3.11 | 21.73    1.24
      3.600     1.35 |  9.650    3.32 |15.700    3.11 | 21.75    1.24
      3.617     1.35 |  9.667    3.32 |15.717    3.11 | 21.77    1.24
      3.633     1.35 |  9.683    3.73 |15.733    3.11 | 21.78    1.24
      3.650     1.35 |  9.700    3.73 |15.750    3.11 | 21.80    1.24
      3.667     1.35 |  9.717    3.73 |15.767    3.11 | 21.82    1.24
      3.683     1.35 |  9.733    3.73 |15.783    3.11 | 21.83    1.24
      3.700     1.35 |  9.750    3.73 |15.800    3.11 | 21.85    1.24
      3.717     1.35 |  9.767    3.73 |15.817    3.11 | 21.87    1.24
      3.733     1.35 |  9.783    3.73 |15.833    3.11 | 21.88    1.24
      3.750     1.35 |  9.800    3.73 |15.850    3.11 | 21.90    1.24
      3.767     1.35 |  9.817    3.73 |15.867    3.11 | 21.92    1.24
      3.783     1.35 |  9.833    3.73 |15.883    3.11 | 21.93    1.24
      3.800     1.35 |  9.850    3.73 |15.900    3.11 | 21.95    1.24
      3.817     1.35 |  9.867    3.73 |15.917    3.11 | 21.97    1.24
      3.833     1.35 |  9.883    3.73 |15.933    3.11 | 21.98    1.24
      3.850     1.35 |  9.900    3.73 |15.950    3.11 | 22.00    1.24
      3.867     1.35 |  9.917    3.73 |15.967    3.11 | 22.02    1.24
      3.883     1.35 |  9.933    3.73 |15.983    3.11 | 22.03    1.24
      3.900     1.35 |  9.950    3.73 |16.000    3.11 | 22.05    1.24
      3.917     1.35 |  9.967    3.73 |16.017    3.11 | 22.07    1.24
      3.933     1.35 |  9.983    3.73 |16.033    3.11 | 22.08    1.24
      3.950     1.35 |10.000     3.73 |16.050    3.11 | 22.10    1.24
      3.967     1.35 |10.017     3.73 |16.067    3.11 | 22.12    1.24
      3.983     1.35 |10.033     3.73 |16.083    3.11 | 22.13    1.24
      4.000     1.35 |10.050     3.73 |16.100    3.11 | 22.15    1.24
      4.017     1.35 |10.067     3.73 |16.117    3.11 | 22.17    1.24
      4.033     1.35 |10.083     3.73 |16.133    3.11 | 22.18    1.24
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50-yr 24hr SCS Type II

4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

Max.Eff.Inten.(mm/hr)=	126.81	131.79	
over (min)	5.00	3.00	
Storage Coeff. (min)=	0.39 (ii)	2.20 (ii)	
Unit Hyd. Tpeak (min)=	5.00	3.00	
Unit Hyd. peak (cms)=	0.55	0.45	
			TOTALS
PEAK FLOW (cms)=	0.00	0.02	0.017 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	102.60	67.60	67.58
TOTAL RAINFALL (mm)=	103.60	103.60	103.60
RUNOFF COEFFICIENT =	0.99	0.65	0.65

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
NASHYD (0201)	Area (ha)=	2.54	Curve Number (CN)= 79.0
ID= 1 DT= 1.0 min	Ia (mm)=	6.35	# of Linear Res.(N)= 3.00
	U.H. Tp(hrs)=	0.11	

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.66	12.117	126.81	18.17	1.86
0.033	0.00	6.083	1.66	12.133	126.81	18.18	1.86
0.050	0.00	6.100	1.66	12.150	126.81	18.20	1.86
0.067	0.00	6.117	1.66	12.167	126.81	18.22	1.86
0.083	0.00	6.133	1.66	12.183	15.01	18.23	1.86
0.100	0.00	6.150	1.86	12.200	14.92	18.25	1.86
0.117	0.00	6.167	1.66	12.217	14.92	18.27	1.86
0.133	0.00	6.183	1.86	12.233	14.92	18.28	1.86
0.150	0.00	6.200	1.86	12.250	14.92	18.30	1.86
0.167	0.00	6.217	1.86	12.267	14.92	18.32	1.86
0.183	1.14	6.233	1.86	12.283	14.92	18.33	1.86
0.200	1.14	6.250	1.86	12.300	14.92	18.35	1.86
0.217	1.14	6.267	1.86	12.317	14.92	18.37	1.86
0.233	1.14	6.283	1.86	12.333	14.92	18.38	1.86
0.250	1.14	6.300	1.86	12.350	14.92	18.40	1.86
0.267	1.14	6.317	1.86	12.367	14.92	18.42	1.86
0.283	1.14	6.333	1.86	12.383	14.92	18.43	1.86
0.300	1.14	6.350	1.86	12.400	14.92	18.45	1.86
0.317	1.14	6.367	1.86	12.417	14.92	18.47	1.86
0.333	1.14	6.383	1.86	12.433	14.92	18.48	1.86
0.350	1.14	6.400	1.86	12.450	14.92	18.50	1.86
0.367	1.14	6.417	1.86	12.467	14.92	18.52	1.86
0.383	1.14	6.433	1.86	12.483	14.92	18.53	1.86
0.400	1.14	6.450	1.86	12.500	14.92	18.55	1.86
0.417	1.14	6.467	1.86	12.517	14.92	18.57	1.86
0.433	1.14	6.483	1.86	12.533	14.92	18.58	1.86
0.450	1.14	6.500	1.86	12.550	14.92	18.60	1.86
0.467	1.14	6.517	1.86	12.567	14.92	18.62	1.86
0.483	1.14	6.533	1.86	12.583	14.92	18.63	1.86
0.500	1.14	6.550	1.86	12.600	14.92	18.65	1.86
0.517	1.14	6.567	1.86	12.617	14.92	18.67	1.86
0.533	1.14	6.583	1.86	12.633	14.92	18.68	1.86
0.550	1.14	6.600	1.86	12.650	14.92	18.70	1.86
0.567	1.14	6.617	1.86	12.667	14.92	18.72	1.86
0.583	1.14	6.633	1.86	12.683	7.68	18.73	1.86
0.600	1.14	6.650	1.86	12.700	7.67	18.75	1.86
0.617	1.14	6.667	1.86	12.717	7.67	18.77	1.86
0.633	1.14	6.683	1.86	12.733	7.67	18.78	1.86
0.650	1.14	6.700	1.86	12.750	7.67	18.80	1.86
0.667	1.14	6.717	1.86	12.767	7.67	18.82	1.86
0.683	1.14	6.733	1.86	12.783	7.67	18.83	1.86
0.700	1.14	6.750	1.86	12.800	7.67	18.85	1.86
0.717	1.14	6.767	1.86	12.817	7.67	18.87	1.86
0.733	1.14	6.783	1.86	12.833	7.67	18.88	1.86
0.750	1.14	6.800	1.86	12.850	7.67	18.90	1.86
0.767	1.14	6.817	1.86	12.867	7.67	18.92	1.86
0.783	1.14	6.833	1.86	12.883	7.67	18.93	1.86
0.800	1.14	6.850	1.86	12.900	7.67	18.95	1.86
0.817	1.14	6.867	1.86	12.917	7.67	18.97	1.86
0.833	1.14	6.883	1.86	12.933	7.67	18.98	1.86
0.850	1.14	6.900	1.86	12.950	7.67	19.00	1.86
0.867	1.14	6.917	1.86	12.967	7.67	19.02	1.86
0.883	1.14	6.933	1.86	12.983	7.67	19.03	1.86
0.900	1.14	6.950	1.86	13.000	7.67	19.05	1.86
0.917	1.14	6.967	1.86	13.017	7.67	19.07	1.86
0.933	1.14	6.983	1.86	13.033	7.67	19.08	1.86
0.950	1.14	7.000	1.86	13.050	7.67	19.10	1.86
0.967	1.14	7.017	1.86	13.067	7.67	19.12	1.86
0.983	1.14	7.033	1.86	13.083	7.67	19.13	1.86
1.000	1.14	7.050	1.86	13.100	7.67	19.15	1.86
1.017	1.14	7.067	1.86	13.117	7.67	19.17	1.86
1.033	1.14	7.083	1.86	13.133	7.67	19.18	1.86
1.050	1.14	7.100	1.86	13.150	7.67	19.20	1.86
1.067	1.14	7.117	1.86	13.167	7.67	19.22	1.86
1.083	1.14	7.133	1.86	13.183	5.60	19.23	1.86
1.100	1.14	7.150	1.86	13.200	5.59	19.25	1.86
1.117	1.14	7.167	1.87	13.217	5.59	19.27	1.86
1.133	1.14	7.183	2.28	13.233	5.59	19.28	1.86
1.150	1.14	7.200	2.28	13.250	5.59	19.30	1.86
1.167	1.14	7.217	2.28	13.267	5.59	19.32	1.86
1.183	1.14	7.233	2.28	13.283	5.59	19.33	1.86
1.200	1.14	7.250	2.28	13.300	5.59	19.35	1.86
1.217	1.14	7.267	2.28	13.317	5.59	19.37	1.86
1.233	1.14	7.283	2.28	13.333	5.59	19.38	1.86
1.250	1.14	7.300	2.28	13.350	5.59	19.40	1.86
1.267	1.14	7.317	2.28	13.367	5.59	19.42	1.86
1.283	1.14	7.333	2.28	13.383	5.59	19.43	1.86
1.300	1.14	7.350	2.28	13.400	5.59	19.45	1.86
1.317	1.14	7.367	2.28	13.417	5.59	19.47	1.86
1.333	1.14	7.383	2.28	13.433	5.59	19.48	1.86
1.350	1.14	7.400	2.28	13.450	5.59	19.50	1.86
1.367	1.14	7.417	2.28	13.467	5.59	19.52	1.86
1.383	1.14	7.433	2.28	13.483	5.59	19.53	1.86
1.400	1.14	7.450	2.28	13.500	5.59	19.55	1.86
1.417	1.14	7.467	2.28	13.517	5.59	19.57	1.86
1.433	1.14	7.483	2.28	13.533	5.59	19.58	1.86
1.450	1.14	7.500	2.28	13.550	5.59	19.60	1.86
1.467	1.14	7.517	2.28	13.567	5.59	19.62	1.86
1.483	1.14	7.533	2.28	13.583	5.59	19.63	1.86
1.500	1.14	7.550	2.28	13.600	5.59	19.65	1.86
1.517	1.14	7.567	2.28	13.617	5.59	19.67	1.86
1.533	1.14	7.583	2.28	13.633	5.59	19.68	1.86
1.550	1.14	7.600	2.28	13.650	5.59	19.70	1.86
1.567	1.14	7.617	2.28	13.667	5.59	19.72	1.86
1.583	1.14	7.633	2.28	13.683	4.35	19.73	1.86
1.600	1.14	7.650	2.28	13.700	4.35	19.75	1.86
1.617	1.14	7.667	2.28	13.717	4.35	19.77	1.86
1.633	1.14	7.683	2.28	13.733	4.35	19.78	1.86
1.650	1.14	7.700	2.28	13.750	4.35	19.80	1.86
1.667	1.14	7.717	2.28	13.767	4.35	19.82	1.86
1.683	1.14	7.733	2.28	13.783	4.35	19.83	1.86
1.700	1.14	7.750	2.28	13.800	4.35	19.85	1.86
1.717	1.14	7.767	2.28	13.817	4.35	19.87	1.86
1.733	1.14	7.783	2.28	13.833	4.35	19.88	1.86
1.750	1.14	7.800	2.28	13.850	4.35	19.90	1.86
1.767	1.14	7.817	2.28	13.867	4.35	19.92	1.86
1.783	1.14	7.833	2.28	13.883	4.35	19.93	1.86
1.800	1.14	7.850	2.28	13.900	4.35	19.95	1.86
1.817	1.14	7.867	2.28	13.917	4.35	19.97	1.86
1.833	1.14	7.883	2.28	13.933	4.35	19.98	1.86
1.850	1.14	7.900	2.28	13.950	4.35	20.00	1.86
1.867	1.14	7.917	2.28	13.967	4.35	20.02	1.86
1.883	1.14	7.933	2.28	13.983	4.35	20.03	1.86
1.900	1.14	7.950	2.28	14.000	4.35	20.05	1.86
1.917	1.14	7.967	2.28	14.017	4.35	20.07	1.86
1.933	1.14	7.983	2.28	14.033	4.35	20.08	1.86
1.950	1.14	8.000	2.28	14.050	4.35	20.10	1.86
1.967	1.14	8.017	2.28	14.067	4.35	20.12	1.86
1.983	1.14	8.033	2.28	14.083	4.35	20.13	1.86
2.000	1.14	8.050	2.28	14.100	4.35	20.15	1.86
2.017	1.14	8.067	2.28	14.117	4.35	20.17	1.86
2.033	1.14	8.083	2.28	14.133	4.35	20.18	1.25
2.050	1.14	8.100	2.28	14.150	4.35	20.20	1.24
2.067	1.14	8.117	2.28	14.167	4.35	20.22	1.24
2.083	1.14	8.133	2.28	14.183	3.11	20.23	1.24
2.100	1.14	8.150	2.28	14.200	3.11	20.25	1.24
2.117	1.14	8.167	2.28	14.217	3.11	20.27	1.24
2.133	1.14	8.183	2.69	14.233	3.11	20.28	1.24
2.150	1.14	8.200	2.69	14.250	3.11	20.30	1.24

50-yr 24hr SCS Type II

2.167	1.14	8.217	2.69	14.267	3.11	20.32	1.24
2.183	1.35	8.233	2.69	14.283	3.11	20.33	1.24
2.200	1.35	8.250	2.69	14.300	3.11	20.35	1.24
2.217	1.35	8.267	2.69	14.317	3.11	20.37	1.24
2.233	1.35	8.283	2.69	14.333	3.11	20.38	1.24
2.250	1.35	8.300	2.69	14.350	3.11	20.40	1.24
2.267	1.35	8.317	2.69	14.367	3.11	20.42	1.24
2.283	1.35	8.333	2.69	14.383	3.11	20.43	1.24
2.300	1.35	8.350	2.69	14.400	3.11	20.45	1.24
2.317	1.35	8.367	2.69	14.417	3.11	20.47	1.24
2.333	1.35	8.383	2.69	14.433	3.11	20.48	1.24
2.350	1.35	8.400	2.69	14.450	3.11	20.50	1.24
2.367	1.35	8.417	2.69	14.467	3.11	20.52	1.24
2.383	1.35	8.433	2.69	14.483	3.11	20.53	1.24
2.400	1.35	8.450	2.69	14.500	3.11	20.55	1.24
2.417	1.35	8.467	2.69	14.517	3.11	20.57	1.24
2.433	1.35	8.483	2.69	14.533	3.11	20.58	1.24
2.450	1.35	8.500	2.69	14.550	3.11	20.60	1.24
2.467	1.35	8.517	2.69	14.567	3.11	20.62	1.24
2.483	1.35	8.533	2.69	14.583	3.11	20.63	1.24
2.500	1.35	8.550	2.69	14.600	3.11	20.65	1.24
2.517	1.35	8.567	2.69	14.617	3.11	20.67	1.24
2.533	1.35	8.583	2.69	14.633	3.11	20.68	1.24
2.550	1.35	8.600	2.69	14.650	3.11	20.70	1.24
2.567	1.35	8.617	2.69	14.667	3.11	20.72	1.24
2.583	1.35	8.633	2.69	14.683	3.11	20.73	1.24
2.600	1.35	8.650	2.69	14.700	3.11	20.75	1.24
2.617	1.35	8.667	2.69	14.717	3.11	20.77	1.24
2.633	1.35	8.683	2.90	14.733	3.11	20.78	1.24
2.650	1.35	8.700	2.90	14.750	3.11	20.80	1.24
2.667	1.35	8.717	2.90	14.767	3.11	20.82	1.24
2.683	1.35	8.733	2.90	14.783	3.11	20.83	1.24
2.700	1.35	8.750	2.90	14.800	3.11	20.85	1.24
2.717	1.35	8.767	2.90	14.817	3.11	20.87	1.24
2.733	1.35	8.783	2.90	14.833	3.11	20.88	1.24
2.750	1.35	8.800	2.90	14.850	3.11	20.90	1.24
2.767	1.35	8.817	2.90	14.867	3.11	20.92	1.24
2.783	1.35	8.833	2.90	14.883	3.11	20.93	1.24
2.800	1.35	8.850	2.90	14.900	3.11	20.95	1.24
2.817	1.35	8.867	2.90	14.917	3.11	20.97	1.24
2.833	1.35	8.883	2.90	14.933	3.11	20.98	1.24
2.850	1.35	8.900	2.90	14.950	3.11	21.00	1.24
2.867	1.35	8.917	2.90	14.967	3.11	21.02	1.24
2.883	1.35	8.933	2.90	14.983	3.11	21.03	1.24
2.900	1.35	8.950	2.90	15.000	3.11	21.05	1.24
2.917	1.35	8.967	2.90	15.017	3.11	21.07	1.24
2.933	1.35	8.983	2.90	15.033	3.11	21.08	1.24
2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24
3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24
3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24
3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.14	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

Unit Hyd Qpeak (cms)= 0.882

PEAK FLOW (cms)= 0.500 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 47.701
TOTAL RAINFALL (mm)= 103.601
RUNOFF COEFFICIENT = 0.460

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0202)	Area (ha)=	0.33	
ID= 1 DT= 1.0 min	Total Imp(%)=	70.00	Dir. Conn.(%)= 30.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.23	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	30.00	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME	RAIN	TIME	RAIN	TIME	RAIN	TIME	RAIN
hrs	mm/hr	hrs	mm/hr	hrs	mm/hr	hrs	mm/hr
0.017	0.00	6.067	1.66	12.117	126.81	18.17	1.86
0.033	0.00	6.083	1.66	12.133	126.81	18.18	1.86
0.050	0.00	6.100	1.66	12.150	126.81	18.20	1.86
0.067	0.00	6.117	1.66	12.167	126.81	18.22	1.86
0.083	0.00	6.133	1.66	12.183	15.01	18.23	1.86
0.100	0.00	6.150	1.66	12.200	14.92	18.25	1.86
0.117	0.00	6.167	1.66	12.217	14.92	18.27	1.86
0.133	0.00	6.183	1.86	12.233	14.92	18.28	1.86
0.150	0.00	6.200	1.86	12.250	14.92	18.30	1.86
0.167	0.00	6.217	1.86	12.267	14.92	18.32	1.86
0.183	1.14	6.233	1.86	12.283	14.92	18.33	1.86
0.200	1.14	6.250	1.86	12.300	14.92	18.35	1.86
0.217	1.14	6.267	1.86	12.317	14.92	18.37	1.86
0.233	1.14	6.283	1.86	12.333	14.92	18.38	1.86
0.250	1.14	6.300	1.86	12.350	14.92	18.40	1.86
0.267	1.14	6.317	1.86	12.367	14.92	18.42	1.86
0.283	1.14	6.333	1.86	12.383	14.92	18.43	1.86
0.300	1.14	6.350	1.86	12.400	14.92	18.45	1.86
0.317	1.14	6.367	1.86	12.417	14.92	18.47	1.86
0.333	1.14	6.383	1.86	12.433	14.92	18.48	1.86
0.350	1.14	6.400	1.86	12.450	14.92	18.50	1.86
0.367	1.14	6.417	1.86	12.467	14.92	18.52	1.86

50-yr 24hr SCS Type II

0.383	1.14	6.433	1.86	12.483	14.92	18.53	1.86
0.400	1.14	6.450	1.86	12.500	14.92	18.55	1.86
0.417	1.14	6.467	1.86	12.517	14.92	18.57	1.86
0.433	1.14	6.483	1.86	12.533	14.92	18.58	1.86
0.450	1.14	6.500	1.86	12.550	14.92	18.60	1.86
0.467	1.14	6.517	1.86	12.567	14.92	18.62	1.86
0.483	1.14	6.533	1.86	12.583	14.92	18.63	1.86
0.500	1.14	6.550	1.86	12.600	14.92	18.65	1.86
0.517	1.14	6.567	1.86	12.617	14.92	18.67	1.86
0.533	1.14	6.583	1.86	12.633	14.92	18.68	1.86
0.550	1.14	6.600	1.86	12.650	14.92	18.70	1.86
0.567	1.14	6.617	1.86	12.667	14.92	18.72	1.86
0.583	1.14	6.633	1.86	12.683	7.68	18.73	1.86
0.600	1.14	6.650	1.86	12.700	7.67	18.75	1.86
0.617	1.14	6.667	1.86	12.717	7.67	18.77	1.86
0.633	1.14	6.683	1.86	12.733	7.67	18.78	1.86
0.650	1.14	6.700	1.86	12.750	7.67	18.80	1.86
0.667	1.14	6.717	1.86	12.767	7.67	18.82	1.86
0.683	1.14	6.733	1.86	12.783	7.67	18.83	1.86
0.700	1.14	6.750	1.86	12.800	7.67	18.85	1.86
0.717	1.14	6.767	1.86	12.817	7.67	18.87	1.86
0.733	1.14	6.783	1.86	12.833	7.67	18.88	1.86
0.750	1.14	6.800	1.86	12.850	7.67	18.90	1.86
0.767	1.14	6.817	1.86	12.867	7.67	18.92	1.86
0.783	1.14	6.833	1.86	12.883	7.67	18.93	1.86
0.800	1.14	6.850	1.86	12.900	7.67	18.95	1.86
0.817	1.14	6.867	1.86	12.917	7.67	18.97	1.86
0.833	1.14	6.883	1.86	12.933	7.67	18.98	1.86
0.850	1.14	6.900	1.86	12.950	7.67	19.00	1.86
0.867	1.14	6.917	1.86	12.967	7.67	19.02	1.86
0.883	1.14	6.933	1.86	12.983	7.67	19.03	1.86
0.900	1.14	6.950	1.86	13.000	7.67	19.05	1.86
0.917	1.14	6.967	1.86	13.017	7.67	19.07	1.86
0.933	1.14	6.983	1.86	13.033	7.67	19.08	1.86
0.950	1.14	7.000	1.86	13.050	7.67	19.10	1.86
0.967	1.14	7.017	1.86	13.067	7.67	19.12	1.86
0.983	1.14	7.033	1.86	13.083	7.67	19.13	1.86
1.000	1.14	7.050	1.86	13.100	7.67	19.15	1.86
1.017	1.14	7.067	1.86	13.117	7.67	19.17	1.86
1.033	1.14	7.083	1.86	13.133	7.67	19.18	1.86
1.050	1.14	7.100	1.86	13.150	7.67	19.20	1.86
1.067	1.14	7.117	1.86	13.167	7.67	19.22	1.86
1.083	1.14	7.133	1.86	13.183	5.60	19.23	1.86
1.100	1.14	7.150	1.86	13.200	5.59	19.25	1.86
1.117	1.14	7.167	1.87	13.217	5.59	19.27	1.86
1.133	1.14	7.183	2.28	13.233	5.59	19.28	1.86
1.150	1.14	7.200	2.28	13.250	5.59	19.30	1.86
1.167	1.14	7.217	2.28	13.267	5.59	19.32	1.86
1.183	1.14	7.233	2.28	13.283	5.59	19.33	1.86
1.200	1.14	7.250	2.28	13.300	5.59	19.35	1.86
1.217	1.14	7.267	2.28	13.317	5.59	19.37	1.86
1.233	1.14	7.283	2.28	13.333	5.59	19.38	1.86
1.250	1.14	7.300	2.28	13.350	5.59	19.40	1.86
1.267	1.14	7.317	2.28	13.367	5.59	19.42	1.86
1.283	1.14	7.333	2.28	13.383	5.59	19.43	1.86
1.300	1.14	7.350	2.28	13.400	5.59	19.45	1.86
1.317	1.14	7.367	2.28	13.417	5.59	19.47	1.86
1.333	1.14	7.383	2.28	13.433	5.59	19.48	1.86
1.350	1.14	7.400	2.28	13.450	5.59	19.50	1.86
1.367	1.14	7.417	2.28	13.467	5.59	19.52	1.86
1.383	1.14	7.433	2.28	13.483	5.59	19.53	1.86
1.400	1.14	7.450	2.28	13.500	5.59	19.55	1.86
1.417	1.14	7.467	2.28	13.517	5.59	19.57	1.86
1.433	1.14	7.483	2.28	13.533	5.59	19.58	1.86
1.450	1.14	7.500	2.28	13.550	5.59	19.60	1.86
1.467	1.14	7.517	2.28	13.567	5.59	19.62	1.86
1.483	1.14	7.533	2.28	13.583	5.59	19.63	1.86
1.500	1.14	7.550	2.28	13.600	5.59	19.65	1.86
1.517	1.14	7.567	2.28	13.617	5.59	19.67	1.86
1.533	1.14	7.583	2.28	13.633	5.59	19.68	1.86
1.550	1.14	7.600	2.28	13.650	5.59	19.70	1.86
1.567	1.14	7.617	2.28	13.667	5.59	19.72	1.86
1.583	1.14	7.633	2.28	13.683	4.35	19.73	1.86
1.600	1.14	7.650	2.28	13.700	4.35	19.75	1.86
1.617	1.14	7.667	2.28	13.717	4.35	19.77	1.86
1.633	1.14	7.683	2.28	13.733	4.35	19.78	1.86
1.650	1.14	7.700	2.28	13.750	4.35	19.80	1.86
1.667	1.14	7.717	2.28	13.767	4.35	19.82	1.86
1.683	1.14	7.733	2.28	13.783	4.35	19.83	1.86
1.700	1.14	7.750	2.28	13.800	4.35	19.85	1.86
1.717	1.14	7.767	2.28	13.817	4.35	19.87	1.86
1.733	1.14	7.783	2.28	13.833	4.35	19.88	1.86
1.750	1.14	7.800	2.28	13.850	4.35	19.90	1.86
1.767	1.14	7.817	2.28	13.867	4.35	19.92	1.86
1.783	1.14	7.833	2.28	13.883	4.35	19.93	1.86
1.800	1.14	7.850	2.28	13.900	4.35	19.95	1.86
1.817	1.14	7.867	2.28	13.917	4.35	19.97	1.86
1.833	1.14	7.883	2.28	13.933	4.35	19.98	1.86
1.850	1.14	7.900	2.28	13.950	4.35	20.00	1.86
1.867	1.14	7.917	2.28	13.967	4.35	20.02	1.86
1.883	1.14	7.933	2.28	13.983	4.35	20.03	1.86
1.900	1.14	7.950	2.28	14.000	4.35	20.05	1.86
1.917	1.14	7.967	2.28	14.017	4.35	20.07	1.86
1.933	1.14	7.983	2.28	14.033	4.35	20.08	1.86
1.950	1.14	8.000	2.28	14.050	4.35	20.10	1.86
1.967	1.14	8.017	2.28	14.067	4.35	20.12	1.86
1.983	1.14	8.033	2.28	14.083	4.35	20.13	1.86
2.000	1.14	8.050	2.28	14.100	4.35	20.15	1.86
2.017	1.14	8.067	2.28	14.117	4.35	20.17	1.86
2.033	1.14	8.083	2.28	14.133	4.35	20.18	1.25
2.050	1.14	8.100	2.28	14.150	4.35	20.20	1.24
2.067	1.14	8.117	2.28	14.167	4.35	20.22	1.24
2.083	1.14	8.133	2.28	14.183	3.11	20.23	1.24
2.100	1.14	8.150	2.28	14.200	3.11	20.25	1.24
2.117	1.14	8.167	2.28	14.217	3.11	20.27	1.24
2.133	1.14	8.183	2.69	14.233	3.11	20.28	1.24
2.150	1.14	8.200	2.69	14.250	3.11	20.30	1.24
2.167	1.14	8.217	2.69	14.267	3.11	20.32	1.24
2.183	1.35	8.233	2.69	14.283	3.11	20.33	1.24
2.200	1.35	8.250	2.69	14.300	3.11	20.35	1.24
2.217	1.35	8.267	2.69	14.317	3.11	20.37	1.24
2.233	1.35	8.283	2.69	14.333	3.11	20.38	1.24
2.250	1.35	8.300	2.69	14.350	3.11	20.40	1.24
2.267	1.35	8.317	2.69	14.367	3.11	20.42	1.24
2.283	1.35	8.333	2.69	14.383	3.11	20.43	1.24
2.300	1.35	8.350	2.69	14.400	3.11	20.45	1.24
2.317	1.35	8.367	2.69	14.417	3.11	20.47	1.24
2.333	1.35	8.383	2.69	14.433	3.11	20.48	1.24
2.350	1.35	8.400	2.69	14.450	3.11	20.50	1.24
2.367	1.35	8.417	2.69	14.467	3.11	20.52	1.24
2.383	1.35	8.433	2.69	14.483	3.11	20.53	1.24
2.400	1.35	8.450	2.69	14.500	3.11	20.55	1.24
2.417	1.35	8.467	2.69	14.517	3.11	20.57	1.24
2.433	1.35	8.483	2.69	14.533	3.11	20.58	1.24
2.450	1.35	8.500	2.69	14.550	3.11	20.60	1.24
2.467	1.35	8.517	2.69	14.567	3.11	20.62	1.24
2.483	1.35	8.533	2.69	14.583	3.11	20.63	1.24
2.500	1.35	8.550	2.69	14.600	3.11	20.65	1.24
2.517	1.35	8.567	2.69	14.617	3.11	20.67	1.24
2.533	1.35	8.583	2.69	14.633	3.11	20.68	1.24
2.550	1.35	8.600	2.69	14.650	3.11	20.70	1.24
2.567	1.35	8.617	2.69	14.667	3.11	20.72	1.24
2.583	1.35	8.633	2.69	14.683	3.11	20.73	1.24
2.600	1.35	8.650	2.69	14.700	3.11	20.75	1.24
2.617	1.35	8.667	2.69	14.717	3.11	20.77	1.24
2.633	1.35	8.683	2.90	14.733	3.11	20.78	1.24
2.650	1.35	8.700	2.90	14.750	3.11	20.80	1.24
2.667	1.35	8.717	2.90	14.767	3.11	20.82	1.24
2.683	1.35	8.733	2.90	14.783	3.11	20.83	1.24
2.700	1.35	8.750	2.90	14.800	3.11	20.85	1.24
2.717	1.35	8.767	2.90	14.817	3.11	20.87	1.24
2.733	1.35	8.783	2.90	14.833	3.11	20.88	1.24
2.750	1.35	8.800	2.90	14.850	3.11	20.90	1.24
2.767	1.35	8.817	2.90	14.867	3.11	20.92	1.24
2.783	1.35	8.833	2.90	14.883	3.11	20.93	1.24
2.800	1.35	8.850	2.90	14.900	3.11	20.95	1.24
2.817	1.35	8.867	2.90	14.917	3.11	20.97	1.24
2.833	1.35	8.883	2.90	14.933	3.11	20.98	1.24
2.850	1.35	8.900	2.90	14.950	3.11	21.00	1.24
2.867	1.35	8.917	2.90	14.967	3.11	21.02	1.24
2.883	1.35	8.933	2.90	14.983	3.11	21.03	1.24
2.900	1.35	8.950	2.90	15.000	3.11	21.05	1.24
2.917	1.35	8.967	2.90	15.017	3.11	21.07	1.24
2.933	1.35	8.983	2.90	15.033	3.11	21.08	1.24
2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24
3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24
3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24
3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24

50-yr 24hr SCS Type II

5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

Max.Eff.Inten.(mm/hr)=	126.81	263.69	
over (min)	5.00	4.00	
Storage Coeff. (min)=	1.13 (ii)	3.92 (ii)	
Unit Hyd. Tpeak (min)=	5.00	4.00	
Unit Hyd. peak (cms)=	0.46	0.29	
		TOTALS	
PEAK FLOW (cms)=	0.03	0.07	0.104 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	102.60	80.00	86.77
TOTAL RAINFALL (mm)=	103.60	103.60	103.60
RUNOFF COEFFICIENT =	0.99	0.77	0.84

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0210)	Area (ha)=	0.10	
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.08
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	5.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.66	12.117	126.81	18.17	1.86
0.033	0.00	6.083	1.66	12.133	126.81	18.18	1.86
0.050	0.00	6.100	1.66	12.150	126.81	18.20	1.86
0.067	0.00	6.117	1.66	12.167	126.81	18.22	1.86
0.083	0.00	6.133	1.66	12.183	15.01	18.23	1.86
0.100	0.00	6.150	1.66	12.200	14.92	18.25	1.86
0.117	0.00	6.167	1.66	12.217	14.92	18.27	1.86
0.133	0.00	6.183	1.86	12.233	14.92	18.28	1.86
0.150	0.00	6.200	1.86	12.250	14.92	18.30	1.86
0.167	0.00	6.217	1.86	12.267	14.92	18.32	1.86
0.183	1.14	6.233	1.86	12.283	14.92	18.33	1.86
0.200	1.14	6.250	1.86	12.300	14.92	18.35	1.86
0.217	1.14	6.267	1.86	12.317	14.92	18.37	1.86
0.233	1.14	6.283	1.86	12.333	14.92	18.38	1.86
0.250	1.14	6.300	1.86	12.350	14.92	18.40	1.86
0.267	1.14	6.317	1.86	12.367	14.92	18.42	1.86
0.283	1.14	6.333	1.86	12.383	14.92	18.43	1.86
0.300	1.14	6.350	1.86	12.400	14.92	18.45	1.86
0.317	1.14	6.367	1.86	12.417	14.92	18.47	1.86
0.333	1.14	6.383	1.86	12.433	14.92	18.48	1.86
0.350	1.14	6.400	1.86	12.450	14.92	18.50	1.86
0.367	1.14	6.417	1.86	12.467	14.92	18.52	1.86
0.383	1.14	6.433	1.86	12.483	14.92	18.53	1.86
0.400	1.14	6.450	1.86	12.500	14.92	18.55	1.86
0.417	1.14	6.467	1.86	12.517	14.92	18.57	1.86
0.433	1.14	6.483	1.86	12.533	14.92	18.58	1.86
0.450	1.14	6.500	1.86	12.550	14.92	18.60	1.86
0.467	1.14	6.517	1.86	12.567	14.92	18.62	1.86
0.483	1.14	6.533	1.86	12.583	14.92	18.63	1.86
0.500	1.14	6.550	1.86	12.600	14.92	18.65	1.86
0.517	1.14	6.567	1.86	12.617	14.92	18.67	1.86
0.533	1.14	6.583	1.86	12.633	14.92	18.68	1.86
0.550	1.14	6.600	1.86	12.650	14.92	18.70	1.86
0.567	1.14	6.617	1.86	12.667	14.92	18.72	1.86
0.583	1.14	6.633	1.86	12.683	7.68	18.73	1.86
0.600	1.14	6.650	1.86	12.700	7.67	18.75	1.86
0.617	1.14	6.667	1.86	12.717	7.67	18.77	1.86
0.633	1.14	6.683	1.86	12.733	7.67	18.78	1.86
0.650	1.14	6.700	1.86	12.750	7.67	18.80	1.86
0.667	1.14	6.717	1.86	12.767	7.67	18.82	1.86
0.683	1.14	6.733	1.86	12.783	7.67	18.83	1.86
0.700	1.14	6.750	1.86	12.800	7.67	18.85	1.86
0.717	1.14	6.767	1.86	12.817	7.67	18.87	1.86
0.733	1.14	6.783	1.86	12.833	7.67	18.88	1.86
0.750	1.14	6.800	1.86	12.850	7.67	18.90	1.86
0.767	1.14	6.817	1.86	12.867	7.67	18.92	1.86
0.783	1.14	6.833	1.86	12.883	7.67	18.93	1.86
0.800	1.14	6.850	1.86	12.900	7.67	18.95	1.86
0.817	1.14	6.867	1.86	12.917	7.67	18.97	1.86
0.833	1.14	6.883	1.86	12.933	7.67	18.98	1.86
0.850	1.14	6.900	1.86	12.950	7.67	19.00	1.86
0.867	1.14	6.917	1.86	12.967	7.67	19.02	1.86
0.883	1.14	6.933	1.86	12.983	7.67	19.03	1.86
0.900	1.14	6.950	1.86	13.000	7.67	19.05	1.86
0.917	1.14	6.967	1.86	13.017	7.67	19.07	1.86
0.933	1.14	6.983	1.86	13.033	7.67	19.08	1.86
0.950	1.14	7.000	1.86	13.050	7.67	19.10	1.86
0.967	1.14	7.017	1.86	13.067	7.67	19.12	1.86
0.983	1.14	7.033	1.86	13.083	7.67	19.13	1.86
1.000	1.14	7.050	1.86	13.100	7.67	19.15	1.86
1.017	1.14	7.067	1.86	13.117	7.67	19.17	1.86
1.033	1.14	7.083	1.86	13.133	7.67	19.18	1.86
1.050	1.14	7.100	1.86	13.150	7.67	19.20	1.86
1.067	1.14	7.117	1.86	13.167	7.67	19.22	1.86
1.083	1.14	7.133	1.86	13.183	5.60	19.23	1.86
1.100	1.14	7.150	1.86	13.200	5.59	19.25	1.86
1.117	1.14	7.167	1.87	13.217	5.59	19.27	1.86
1.133	1.14	7.183	2.28	13.233	5.59	19.28	1.86
1.150	1.14	7.200	2.28	13.250	5.59	19.30	1.86
1.167	1.14	7.217	2.28	13.267	5.59	19.32	1.86
1.183	1.14	7.233	2.28	13.283	5.59	19.33	1.86
1.200	1.14	7.250	2.28	13.300	5.59	19.35	1.86
1.217	1.14	7.267	2.28	13.317	5.59	19.37	1.86
1.233	1.14	7.283	2.28	13.333	5.59	19.38	1.86
1.250	1.14	7.300	2.28	13.350	5.59	19.40	1.86
1.267	1.14	7.317	2.28	13.367	5.59	19.42	1.86
1.283	1.14	7.333	2.28	13.383	5.59	19.43	1.86
1.300	1.14	7.350	2.28	13.400	5.59	19.45	1.86
1.317	1.14	7.367	2.28	13.417	5.59	19.47	1.86
1.333	1.14	7.383	2.28	13.433	5.59	19.48	1.86
1.350	1.14	7.400	2.28	13.450	5.59	19.50	1.86
1.367	1.14	7.417	2.28	13.467	5.59	19.52	1.86
1.383	1.14	7.433	2.28	13.483	5.59	19.53	1.86
1.400	1.14	7.450	2.28	13.500	5.59	19.55	1.86
1.417	1.14	7.467	2.28	13.517	5.59	19.57	1.86
1.433	1.14	7.483	2.28	13.533	5.59	19.58	1.86
1.450	1.14	7.500	2.28	13.550	5.59	19.60	1.86
1.467	1.14	7.517	2.28	13.567	5.59	19.62	1.86
1.483	1.14	7.533	2.28	13.583	5.59	19.63	1.86
1.500	1.14	7.550	2.28	13.600	5.59	19.65	1.86
1.517	1.14	7.567	2.28	13.617	5.59	19.67	1.86
1.533	1.14	7.583	2.28	13.633	5.59	19.68	1.86
1.550	1.14	7.600	2.28	13.650	5.59	19.70	1.86
1.567	1.14	7.617	2.28	13.667	5.59	19.72	1.86
1.583	1.14	7.633	2.28	13.683	4.35	19.73	1.86
1.600	1.14	7.650	2.28	13.700	4.35	19.75	1.86
1.617	1.14	7.667	2.28	13.717	4.35	19.77	1.86
1.633	1.14	7.683	2.28	13.733	4.35	19.78	1.86
1.650	1.14	7.700	2.28	13.750	4.35	19.80	1.86
1.667	1.14	7.717	2.28	13.767	4.35	19.82	1.86
1.683	1.14	7.733	2.28	13.783	4.35	19.83	1.86
1.700	1.14	7.750	2.28	13.800	4.35	19.85	1.86
1.717	1.14	7.767	2.28	13.817	4.35	19.87	1.86
1.733	1.14	7.783	2.28	13.833	4.35	19.88	1.86
1.750	1.14	7.800	2.28	13.850	4.35	19.90	1.86
1.767	1.14	7.817	2.28	13.867	4.35	19.92	1.86
1.783	1.14	7.833	2.28	13.883	4.35	19.93	1.86
1.800	1.14	7.850	2.28	13.900	4.35	19.95	1.86
1.817	1.14	7.867	2.28	13.917	4.35	19.97	1.86
1.833	1.14	7.883	2.28	13.933	4.35	19.98	1.86
1.850	1.14	7.900	2.28	13.950	4.35	20.00	1.86
1.867	1.14	7.917	2.28	13.967	4.35	20.02	1.86
1.883	1.14	7.933	2.28	13.983	4.35	20.03	1.86
1.900	1.14	7.950	2.28	14.000	4.35	20.05	1.86
1.917	1.14	7.967	2.28	14.017	4.35	20.07	1.86
1.933	1.14	7.983	2.28	14.033	4.35	20.08	1.86
1.950	1.14	8.000	2.28	14.050	4.35	20.10	1.86
1.967	1.14	8.017	2.28	14.067	4.35	20.12	1.86
1.983	1.14	8.033	2.28	14.083	4.35	20.13	1.86
2.000	1.14	8.050	2.28	14.100	4.35	20.15	1.86
2.017	1.14	8.067	2.28	14.117	4.35	20.17	1.86
2.033	1.14	8.083	2.28	14.133	4.35	20.18	1.25
2.050	1.14	8.100	2.28	14.150	4.35	20.20	1.24
2.067	1.14	8.117	2.28	14.167	4.35	20.22	1.24
2.083	1.14	8.133	2.28	14.183	3.11	20.23	1.24
2.100	1.14	8.150	2.28	14.200	3.11	20.25	1.24
2.117	1.14	8.167	2.28	14.217	3.11	20.27	1.24
2.133	1.14	8.183	2.69	14.233	3.11	20.28	1.24
2.150	1.14	8.200	2.69	14.250	3.11	20.30	1.24
2.167	1.14	8.217	2.69	14.267	3.11	20.32	1.24
2.183	1.35	8.233	2.69	14.283	3.11	20.33	1.24
2.200	1.35	8.250	2.69	14.300	3.11	20.35	1.24
2.217	1.35	8.267	2.69	14.317	3.11	20.37	1.24
2.233	1.35	8.283	2.69	14.333	3.11	20.38	1.24
2.250	1.35	8.300	2.69	14.350	3.11	20.40	1.24
2.267	1.35	8.317	2.69	14.367	3.11	20.42	1.24
2.283	1.35	8.333	2.69	14.383	3.11	20.43	1.24
2.300	1.35	8.350	2.69	14.400	3.11	20.45	1.24
2.317	1.35	8.367	2.69	14.417	3.11	20.47	1.24
2.333	1.35	8.383	2.69	14.433	3.11	20.48	1.24
2.350	1.35	8.400	2.69	14.450	3.11	20.50	1.24
2.367	1.35	8.417	2.69	14.467	3.11	20.52	1.24
2.383	1.35	8.433	2.69	14.483	3.11	20.53	1.24
2.400	1.35	8.450	2.69	14.500	3.11	20.55	1.24
2.417	1.35	8.467	2.69	14.517	3.11	20.57	1.24
2.433	1.35	8.483	2.69	14.533	3.11	20.58	1.24
2.450	1.35	8.500	2.69	14.550	3.11	20.60	1.24
2.467	1.35	8.517	2.69	14.567	3.11	20.62	1.24
2.483	1.35	8.533	2.69	14.583	3.11	20.63	1.24
2.500	1.35	8.550	2.69	14.600	3.11	20.65	1.24
2.517	1.35	8.567	2.69	14.617	3.11	20.67	1.24
2.533	1.35	8.583	2.69	14.633	3.11	20.68	1.24
2.550	1.35	8.600	2.69	14.650	3.11	20.70	1.24
2.567	1.35	8.617	2.69	14.667	3.11	20.72	1.24
2.583	1.35	8.633	2.69	14.683	3.11	20.73	1.24
2.600	1.35	8.650	2.69	14.700	3.11	20.75	1.24
2.617	1.35	8.667	2.69	14.717	3.11	20.77	1.24
2.633	1.35	8.683	2.90	14.733	3.11	20.78	1.24
2.650	1.35	8.700	2.90	14.750	3.11	20.80	1.24
2.667	1.35	8.717	2.90	14.767	3.11	20.82	1.24
2.683	1.35	8.733	2.90	14.783	3.11	20.83	1.24
2.700	1.35	8.750	2.90	14.800	3.11	20.85	1.24
2.717	1.35	8.767	2.90	14.817	3.11	20.87	1.24
2.733	1.35	8.783	2.90	14.833	3.11	20.88	1.24
2.750	1.35	8.800	2.90	14.850	3.11	20.90	1.24
2.767	1.35	8.817	2.90	14.867	3.11	20.92	1.24
2.783	1.35	8.833	2.90	14.883	3.11	20.93	1.24
2.800	1.35	8.850	2.90	14.900	3.11	20.95	1.24
2.817	1.35	8.867	2.90	14.917	3.11	20.97	1.24
2.833	1.35	8.883	2.90	14.933	3.11	20.98	1.24
2.850	1.35	8.900	2.90	14.950	3.11	21.00	1.24
2.867	1.35	8.917	2.90	14.967	3.11	21.02	1.24
2.883	1.35	8.933	2.90	14.983	3.11	21.03	1.24
2.900	1.35	8.950	2.90	15.000	3.11	21.05	1.24
2.917	1.35	8.967	2.90	15.017	3.11	21.07	1.24
2.933	1.35	8.983	2.90	15.033	3.11	21.08	1.24
2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24

50-yr 24hr SCS Type II

3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24
3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24
3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

Max.Eff.Inten.(mm/hr)=	126.81	131.79	
over (min)	5.00	2.00	
Storage Coeff. (min)=	0.39 (ii)	1.76 (ii)	
Unit Hyd. Tpeak (min)=	5.00	2.00	
Unit Hyd. peak (cms)=	0.55	0.60	
			TOTALS
PEAK FLOW (cms)=	0.00	0.03	0.028 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	102.60	67.60	67.60
TOTAL RAINFALL (mm)=	103.60	103.60	103.60
RUNOFF COEFFICIENT =	0.99	0.65	0.65

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0015)					
1 + 2 = 3	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
ID1= 1 (0201):	2.54	0.500	12.20	47.70
+ ID2= 2 (0202):	0.33	0.104	12.17	86.77
ID = 3 (0015):	2.87	0.597	12.18	60.78

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0015)					
3 + 2 = 1	AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
ID1= 3 (0015):	2.87	0.597	12.18	60.78
+ ID2= 2 (0210):	0.10	0.028	12.17	67.60
ID = 1 (0015):	2.97	0.621	12.18	61.00

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB			
STANDHYD (0206)|	Area (ha)=	0.13	
ID= 1 DT= 1.0 min |	Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.66	12.117	126.81	18.17	1.86
0.033	0.00	6.083	1.66	12.133	126.81	18.18	1.86
0.050	0.00	6.100	1.66	12.150	126.81	18.20	1.86
0.067	0.00	6.117	1.66	12.167	126.81	18.22	1.86
0.083	0.00	6.133	1.66	12.183	15.01	18.23	1.86
0.100	0.00	6.150	1.66	12.200	14.92	18.25	1.86
0.117	0.00	6.167	1.66	12.217	14.92	18.27	1.86
0.133	0.00	6.183	1.86	12.233	14.92	18.28	1.86
0.150	0.00	6.200	1.86	12.250	14.92	18.30	1.86
0.167	0.00	6.217	1.86	12.267	14.92	18.32	1.86
0.183	1.14	6.233	1.86	12.283	14.92	18.33	1.86
0.200	1.14	6.250	1.86	12.300	14.92	18.35	1.86
0.217	1.14	6.267	1.86	12.317	14.92	18.37	1.86
0.233	1.14	6.283	1.86	12.333	14.92	18.38	1.86
0.250	1.14	6.300	1.86	12.350	14.92	18.40	1.86
0.267	1.14	6.317	1.86	12.367	14.92	18.42	1.86
0.283	1.14	6.333	1.86	12.383	14.92	18.43	1.86
0.300	1.14	6.350	1.86	12.400	14.92	18.45	1.86
0.317	1.14	6.367	1.86	12.417	14.92	18.47	1.86
0.333	1.14	6.383	1.86	12.433	14.92	18.48	1.86
0.350	1.14	6.400	1.86	12.450	14.92	18.50	1.86
0.367	1.14	6.417	1.86	12.467	14.92	18.52	1.86
0.383	1.14	6.433	1.86	12.483	14.92	18.53	1.86
0.400	1.14	6.450	1.86	12.500	14.92	18.55	1.86
0.417	1.14	6.467	1.86	12.517	14.92	18.57	1.86
0.433	1.14	6.483	1.86	12.533	14.92	18.58	1.86
0.450	1.14	6.500	1.86	12.550	14.92	18.60	1.86
0.467	1.14	6.517	1.86	12.567	14.92	18.62	1.86
0.483	1.14	6.533	1.86	12.583	14.92	18.63	1.86
0.500	1.14	6.550	1.86	12.600	14.92	18.65	1.86
0.517	1.14	6.567	1.86	12.617	14.92	18.67	1.86
0.533	1.14	6.583	1.86	12.633	14.92	18.68	1.86
0.550	1.14	6.600	1.86	12.650	14.92	18.70	1.86
0.567	1.14	6.617	1.86	12.667	14.92	18.72	1.86
0.583	1.14	6.633	1.86	12.683	7.68	18.73	1.86
0.600	1.14	6.650	1.86	12.700	7.67	18.75	1.86
0.617	1.14	6.667	1.86	12.717	7.67	18.77	1.86
0.633	1.14	6.683	1.86	12.733	7.67	18.78	1.86
0.650	1.14	6.700	1.86	12.750	7.67	18.80	1.86
0.667	1.14	6.717	1.86	12.767	7.67	18.82	1.86
0.683	1.14	6.733	1.86	12.783	7.67	18.83	1.86
0.700	1.14	6.750	1.86	12.800	7.67	18.85	1.86
0.717	1.14	6.767	1.86	12.817	7.67	18.87	1.86
0.733	1.14	6.783	1.86	12.833	7.67	18.88	1.86
0.750	1.14	6.800	1.86	12.850	7.67	18.90	1.86
0.767	1.14	6.817	1.86	12.867	7.67	18.92	1.86
0.783	1.14	6.833	1.86	12.883	7.67	18.93	1.86
0.800	1.14	6.850	1.86	12.900	7.67	18.95	1.86
0.817	1.14	6.867	1.86	12.917	7.67	18.97	1.86

50-yr 24hr SCS Type II

0.833	1.14	6.883	1.86	12.933	7.67	18.98	1.86
0.850	1.14	6.900	1.86	12.950	7.67	19.00	1.86
0.867	1.14	6.917	1.86	12.967	7.67	19.02	1.86
0.883	1.14	6.933	1.86	12.983	7.67	19.03	1.86
0.900	1.14	6.950	1.86	13.000	7.67	19.05	1.86
0.917	1.14	6.967	1.86	13.017	7.67	19.07	1.86
0.933	1.14	6.983	1.86	13.033	7.67	19.08	1.86
0.950	1.14	7.000	1.86	13.050	7.67	19.10	1.86
0.967	1.14	7.017	1.86	13.067	7.67	19.12	1.86
0.983	1.14	7.033	1.86	13.083	7.67	19.13	1.86
1.000	1.14	7.050	1.86	13.100	7.67	19.15	1.86
1.017	1.14	7.067	1.86	13.117	7.67	19.17	1.86
1.033	1.14	7.083	1.86	13.133	7.67	19.18	1.86
1.050	1.14	7.100	1.86	13.150	7.67	19.20	1.86
1.067	1.14	7.117	1.86	13.167	7.67	19.22	1.86
1.083	1.14	7.133	1.86	13.183	5.60	19.23	1.86
1.100	1.14	7.150	1.86	13.200	5.59	19.25	1.86
1.117	1.14	7.167	1.87	13.217	5.59	19.27	1.86
1.133	1.14	7.183	2.28	13.233	5.59	19.28	1.86
1.150	1.14	7.200	2.28	13.250	5.59	19.30	1.86
1.167	1.14	7.217	2.28	13.267	5.59	19.32	1.86
1.183	1.14	7.233	2.28	13.283	5.59	19.33	1.86
1.200	1.14	7.250	2.28	13.300	5.59	19.35	1.86
1.217	1.14	7.267	2.28	13.317	5.59	19.37	1.86
1.233	1.14	7.283	2.28	13.333	5.59	19.38	1.86
1.250	1.14	7.300	2.28	13.350	5.59	19.40	1.86
1.267	1.14	7.317	2.28	13.367	5.59	19.42	1.86
1.283	1.14	7.333	2.28	13.383	5.59	19.43	1.86
1.300	1.14	7.350	2.28	13.400	5.59	19.45	1.86
1.317	1.14	7.367	2.28	13.417	5.59	19.47	1.86
1.333	1.14	7.383	2.28	13.433	5.59	19.48	1.86
1.350	1.14	7.400	2.28	13.450	5.59	19.50	1.86
1.367	1.14	7.417	2.28	13.467	5.59	19.52	1.86
1.383	1.14	7.433	2.28	13.483	5.59	19.53	1.86
1.400	1.14	7.450	2.28	13.500	5.59	19.55	1.86
1.417	1.14	7.467	2.28	13.517	5.59	19.57	1.86
1.433	1.14	7.483	2.28	13.533	5.59	19.58	1.86
1.450	1.14	7.500	2.28	13.550	5.59	19.60	1.86
1.467	1.14	7.517	2.28	13.567	5.59	19.62	1.86
1.483	1.14	7.533	2.28	13.583	5.59	19.63	1.86
1.500	1.14	7.550	2.28	13.600	5.59	19.65	1.86
1.517	1.14	7.567	2.28	13.617	5.59	19.67	1.86
1.533	1.14	7.583	2.28	13.633	5.59	19.68	1.86
1.550	1.14	7.600	2.28	13.650	5.59	19.70	1.86
1.567	1.14	7.617	2.28	13.667	5.59	19.72	1.86
1.583	1.14	7.633	2.28	13.683	4.35	19.73	1.86
1.600	1.14	7.650	2.28	13.700	4.35	19.75	1.86
1.617	1.14	7.667	2.28	13.717	4.35	19.77	1.86
1.633	1.14	7.683	2.28	13.733	4.35	19.78	1.86
1.650	1.14	7.700	2.28	13.750	4.35	19.80	1.86
1.667	1.14	7.717	2.28	13.767	4.35	19.82	1.86
1.683	1.14	7.733	2.28	13.783	4.35	19.83	1.86
1.700	1.14	7.750	2.28	13.800	4.35	19.85	1.86
1.717	1.14	7.767	2.28	13.817	4.35	19.87	1.86
1.733	1.14	7.783	2.28	13.833	4.35	19.88	1.86
1.750	1.14	7.800	2.28	13.850	4.35	19.90	1.86
1.767	1.14	7.817	2.28	13.867	4.35	19.92	1.86
1.783	1.14	7.833	2.28	13.883	4.35	19.93	1.86
1.800	1.14	7.850	2.28	13.900	4.35	19.95	1.86
1.817	1.14	7.867	2.28	13.917	4.35	19.97	1.86
1.833	1.14	7.883	2.28	13.933	4.35	19.98	1.86
1.850	1.14	7.900	2.28	13.950	4.35	20.00	1.86
1.867	1.14	7.917	2.28	13.967	4.35	20.02	1.86
1.883	1.14	7.933	2.28	13.983	4.35	20.03	1.86
1.900	1.14	7.950	2.28	14.000	4.35	20.05	1.86
1.917	1.14	7.967	2.28	14.017	4.35	20.07	1.86
1.933	1.14	7.983	2.28	14.033	4.35	20.08	1.86
1.950	1.14	8.000	2.28	14.050	4.35	20.10	1.86
1.967	1.14	8.017	2.28	14.067	4.35	20.12	1.86
1.983	1.14	8.033	2.28	14.083	4.35	20.13	1.86
2.000	1.14	8.050	2.28	14.100	4.35	20.15	1.86
2.017	1.14	8.067	2.28	14.117	4.35	20.17	1.86
2.033	1.14	8.083	2.28	14.133	4.35	20.18	1.25
2.050	1.14	8.100	2.28	14.150	4.35	20.20	1.24
2.067	1.14	8.117	2.28	14.167	4.35	20.22	1.24
2.083	1.14	8.133	2.28	14.183	3.11	20.23	1.24
2.100	1.14	8.150	2.28	14.200	3.11	20.25	1.24
2.117	1.14	8.167	2.28	14.217	3.11	20.27	1.24
2.133	1.14	8.183	2.69	14.233	3.11	20.28	1.24
2.150	1.14	8.200	2.69	14.250	3.11	20.30	1.24
2.167	1.14	8.217	2.69	14.267	3.11	20.32	1.24
2.183	1.35	8.233	2.69	14.283	3.11	20.33	1.24
2.200	1.35	8.250	2.69	14.300	3.11	20.35	1.24
2.217	1.35	8.267	2.69	14.317	3.11	20.37	1.24
2.233	1.35	8.283	2.69	14.333	3.11	20.38	1.24
2.250	1.35	8.300	2.69	14.350	3.11	20.40	1.24
2.267	1.35	8.317	2.69	14.367	3.11	20.42	1.24
2.283	1.35	8.333	2.69	14.383	3.11	20.43	1.24
2.300	1.35	8.350	2.69	14.400	3.11	20.45	1.24
2.317	1.35	8.367	2.69	14.417	3.11	20.47	1.24
2.333	1.35	8.383	2.69	14.433	3.11	20.48	1.24
2.350	1.35	8.400	2.69	14.450	3.11	20.50	1.24
2.367	1.35	8.417	2.69	14.467	3.11	20.52	1.24
2.383	1.35	8.433	2.69	14.483	3.11	20.53	1.24
2.400	1.35	8.450	2.69	14.500	3.11	20.55	1.24
2.417	1.35	8.467	2.69	14.517	3.11	20.57	1.24
2.433	1.35	8.483	2.69	14.533	3.11	20.58	1.24
2.450	1.35	8.500	2.69	14.550	3.11	20.60	1.24
2.467	1.35	8.517	2.69	14.567	3.11	20.62	1.24
2.483	1.35	8.533	2.69	14.583	3.11	20.63	1.24
2.500	1.35	8.550	2.69	14.600	3.11	20.65	1.24
2.517	1.35	8.567	2.69	14.617	3.11	20.67	1.24
2.533	1.35	8.583	2.69	14.633	3.11	20.68	1.24
2.550	1.35	8.600	2.69	14.650	3.11	20.70	1.24
2.567	1.35	8.617	2.69	14.667	3.11	20.72	1.24
2.583	1.35	8.633	2.69	14.683	3.11	20.73	1.24
2.600	1.35	8.650	2.69	14.700	3.11	20.75	1.24
2.617	1.35	8.667	2.69	14.717	3.11	20.77	1.24
2.633	1.35	8.683	2.90	14.733	3.11	20.78	1.24
2.650	1.35	8.700	2.90	14.750	3.11	20.80	1.24
2.667	1.35	8.717	2.90	14.767	3.11	20.82	1.24
2.683	1.35	8.733	2.90	14.783	3.11	20.83	1.24
2.700	1.35	8.750	2.90	14.800	3.11	20.85	1.24
2.717	1.35	8.767	2.90	14.817	3.11	20.87	1.24
2.733	1.35	8.783	2.90	14.833	3.11	20.88	1.24
2.750	1.35	8.800	2.90	14.850	3.11	20.90	1.24
2.767	1.35	8.817	2.90	14.867	3.11	20.92	1.24
2.783	1.35	8.833	2.90	14.883	3.11	20.93	1.24
2.800	1.35	8.850	2.90	14.900	3.11	20.95	1.24
2.817	1.35	8.867	2.90	14.917	3.11	20.97	1.24
2.833	1.35	8.883	2.90	14.933	3.11	20.98	1.24
2.850	1.35	8.900	2.90	14.950	3.11	21.00	1.24
2.867	1.35	8.917	2.90	14.967	3.11	21.02	1.24
2.883	1.35	8.933	2.90	14.983	3.11	21.03	1.24
2.900	1.35	8.950	2.90	15.000	3.11	21.05	1.24
2.917	1.35	8.967	2.90	15.017	3.11	21.07	1.24
2.933	1.35	8.983	2.90	15.033	3.11	21.08	1.24
2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24
3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24
3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24
3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24

50-yr 24hr SCS Type II

5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

Max.Eff.Inten.(mm/hr)=	126.81	131.79	
over (min)	5.00	4.00	
Storage Coeff. (min)=	0.39 (ii)	3.89 (ii)	
Unit Hyd. Tpeak (min)=	5.00	4.00	
Unit Hyd. peak (cms)=	0.55	0.29	
		TOTALS	
PEAK FLOW (cms)=	0.00	0.03	0.034 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	102.60	67.60	67.59
TOTAL RAINFALL (mm)=	103.60	103.60	103.60
RUNOFF COEFFICIENT =	0.99	0.65	0.65

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB							
STANDHYD (0207)	Area (ha)= 0.25						
ID= 1 DT= 1.0 min	Total Imp(%)= 25.00	Dir. Conn.(%)= 0.01					

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.19
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.66	12.117	126.81	18.17	1.86
0.033	0.00	6.083	1.66	12.133	126.81	18.18	1.86
0.050	0.00	6.100	1.66	12.150	126.81	18.20	1.86
0.067	0.00	6.117	1.66	12.167	126.81	18.22	1.86
0.083	0.00	6.133	1.66	12.183	15.01	18.23	1.86
0.100	0.00	6.150	1.66	12.200	14.92	18.25	1.86
0.117	0.00	6.167	1.66	12.217	14.92	18.27	1.86
0.133	0.00	6.183	1.86	12.233	14.92	18.28	1.86
0.150	0.00	6.200	1.86	12.250	14.92	18.30	1.86
0.167	0.00	6.217	1.86	12.267	14.92	18.32	1.86
0.183	1.14	6.233	1.86	12.283	14.92	18.33	1.86
0.200	1.14	6.250	1.86	12.300	14.92	18.35	1.86
0.217	1.14	6.267	1.86	12.317	14.92	18.37	1.86
0.233	1.14	6.283	1.86	12.333	14.92	18.38	1.86
0.250	1.14	6.300	1.86	12.350	14.92	18.40	1.86
0.267	1.14	6.317	1.86	12.367	14.92	18.42	1.86
0.283	1.14	6.333	1.86	12.383	14.92	18.43	1.86
0.300	1.14	6.350	1.86	12.400	14.92	18.45	1.86
0.317	1.14	6.367	1.86	12.417	14.92	18.47	1.86
0.333	1.14	6.383	1.86	12.433	14.92	18.48	1.86
0.350	1.14	6.400	1.86	12.450	14.92	18.50	1.86
0.367	1.14	6.417	1.86	12.467	14.92	18.52	1.86
0.383	1.14	6.433	1.86	12.483	14.92	18.53	1.86
0.400	1.14	6.450	1.86	12.500	14.92	18.55	1.86
0.417	1.14	6.467	1.86	12.517	14.92	18.57	1.86
0.433	1.14	6.483	1.86	12.533	14.92	18.58	1.86
0.450	1.14	6.500	1.86	12.550	14.92	18.60	1.86
0.467	1.14	6.517	1.86	12.567	14.92	18.62	1.86
0.483	1.14	6.533	1.86	12.583	14.92	18.63	1.86
0.500	1.14	6.550	1.86	12.600	14.92	18.65	1.86
0.517	1.14	6.567	1.86	12.617	14.92	18.67	1.86
0.533	1.14	6.583	1.86	12.633	14.92	18.68	1.86
0.550	1.14	6.600	1.86	12.650	14.92	18.70	1.86
0.567	1.14	6.617	1.86	12.667	14.92	18.72	1.86
0.583	1.14	6.633	1.86	12.683	7.68	18.73	1.86
0.600	1.14	6.650	1.86	12.700	7.67	18.75	1.86
0.617	1.14	6.667	1.86	12.717	7.67	18.77	1.86
0.633	1.14	6.683	1.86	12.733	7.67	18.78	1.86
0.650	1.14	6.700	1.86	12.750	7.67	18.80	1.86
0.667	1.14	6.717	1.86	12.767	7.67	18.82	1.86
0.683	1.14	6.733	1.86	12.783	7.67	18.83	1.86
0.700	1.14	6.750	1.86	12.800	7.67	18.85	1.86
0.717	1.14	6.767	1.86	12.817	7.67	18.87	1.86
0.733	1.14	6.783	1.86	12.833	7.67	18.88	1.86
0.750	1.14	6.800	1.86	12.850	7.67	18.90	1.86
0.767	1.14	6.817	1.86	12.867	7.67	18.92	1.86
0.783	1.14	6.833	1.86	12.883	7.67	18.93	1.86
0.800	1.14	6.850	1.86	12.900	7.67	18.95	1.86
0.817	1.14	6.867	1.86	12.917	7.67	18.97	1.86
0.833	1.14	6.883	1.86	12.933	7.67	18.98	1.86
0.850	1.14	6.900	1.86	12.950	7.67	19.00	1.86
0.867	1.14	6.917	1.86	12.967	7.67	19.02	1.86
0.883	1.14	6.933	1.86	12.983	7.67	19.03	1.86
0.900	1.14	6.950	1.86	13.000	7.67	19.05	1.86
0.917	1.14	6.967	1.86	13.017	7.67	19.07	1.86
0.933	1.14	6.983	1.86	13.033	7.67	19.08	1.86
0.950	1.14	7.000	1.86	13.050	7.67	19.10	1.86
0.967	1.14	7.017	1.86	13.067	7.67	19.12	1.86
0.983	1.14	7.033	1.86	13.083	7.67	19.13	1.86
1.000	1.14	7.050	1.86	13.100	7.67	19.15	1.86
1.017	1.14	7.067	1.86	13.117	7.67	19.17	1.86
1.033	1.14	7.083	1.86	13.133	7.67	19.18	1.86
1.050	1.14	7.100	1.86	13.150	7.67	19.20	1.86
1.067	1.14	7.117	1.86	13.167	7.67	19.22	1.86
1.083	1.14	7.133	1.86	13.183	5.60	19.23	1.86
1.100	1.14	7.150	1.86	13.200	5.59	19.25	1.86
1.117	1.14	7.167	1.87	13.217	5.59	19.27	1.86
1.133	1.14	7.183	2.28	13.233	5.59	19.28	1.86
1.150	1.14	7.200	2.28	13.250	5.59	19.30	1.86
1.167	1.14	7.217	2.28	13.267	5.59	19.32	1.86
1.183	1.14	7.233	2.28	13.283	5.59	19.33	1.86
1.200	1.14	7.250	2.28	13.300	5.59	19.35	1.86
1.217	1.14	7.267	2.28	13.317	5.59	19.37	1.86
1.233	1.14	7.283	2.28	13.333	5.59	19.38	1.86
1.250	1.14	7.300	2.28	13.350	5.59	19.40	1.86
1.267	1.14	7.317	2.28	13.367	5.59	19.42	1.86
1.283	1.14	7.333	2.28	13.383	5.59	19.43	1.86
1.300	1.14	7.350	2.28	13.400	5.59	19.45	1.86
1.317	1.14	7.367	2.28	13.417	5.59	19.47	1.86
1.333	1.14	7.383	2.28	13.433	5.59	19.48	1.86
1.350	1.14	7.400	2.28	13.450	5.59	19.50	1.86
1.367	1.14	7.417	2.28	13.467	5.59	19.52	1.86
1.383	1.14	7.433	2.28	13.483	5.59	19.53	1.86
1.400	1.14	7.450	2.28	13.500	5.59	19.55	1.86
1.417	1.14	7.467	2.28	13.517	5.59	19.57	1.86
1.433	1.14	7.483	2.28	13.533	5.59	19.58	1.86
1.450	1.14	7.500	2.28	13.550	5.59	19.60	1.86
1.467	1.14	7.517	2.28	13.567	5.59	19.62	1.86
1.483	1.14	7.533	2.28	13.583	5.59	19.63	1.86
1.500	1.14	7.550	2.28	13.600	5.59	19.65	1.86
1.517	1.14	7.567	2.28	13.617	5.59	19.67	1.86
1.533	1.14	7.583	2.28	13.633	5.59	19.68	1.86
1.550	1.14	7.600	2.28	13.650	5.59	19.70	1.86
1.567	1.14	7.617	2.28	13.667	5.59	19.72	1.86
1.583	1.14	7.633	2.28	13.683	4.35	19.73	1.86
1.600	1.14	7.650	2.28	13.700	4.35	19.75	1.86
1.617	1.14	7.667	2.28	13.717	4.35	19.77	1.86
1.633	1.14	7.683	2.28	13.733	4.35	19.78	1.86
1.650	1.14	7.700	2.28	13.750	4.35	19.80	1.86
1.667	1.14	7.717	2.28	13.767	4.35	19.82	1.86
1.683	1.14	7.733	2.28	13.783	4.35	19.83	1.86
1.700	1.14	7.750	2.28	13.800	4.35	19.85	1.86
1.717	1.14	7.767	2.28	13.817	4.35	19.87	1.86
1.733	1.14	7.783	2.28	13.833	4.35	19.88	1.86
1.750	1.14	7.800	2.28	13.850	4.35	19.90	1.86
1.767	1.14	7.817	2.28	13.867	4.35	19.92	1.86
1.783	1.14	7.833	2.28	13.883	4.35	19.93	1.86
1.800	1.14	7.850	2.28	13.900	4.35	19.95	1.86
1.817	1.14	7.867	2.28	13.917	4.35	19.97	1.86
1.833	1.14	7.883	2.28	13.933	4.35	19.98	1.86
1.850	1.14	7.900	2.28	13.950	4.35	20.00	1.86
1.867	1.14	7.917	2.28	13.967	4.35	20.02	1.86
1.883	1.14	7.933	2.28	13.983	4.35	20.03	1.86
1.900	1.14	7.950	2.28	14.000	4.35	20.05	1.86
1.917	1.14	7.967	2.28	14.017	4.35	20.07	1.86
1.933	1.14	7.983	2.28	14.033	4.35	20.08	1.86
1.950	1.14	8.000	2.28	14.050	4.35	20.10	1.86
1.967	1.14	8.017	2.28	14.067	4.35	20.12	1.86
1.983	1.14	8.033	2.28	14.083	4.35	20.13	1.86
2.000	1.14	8.050	2.28	14.100	4.35	20.15	1.86
2.017	1.14	8.067	2.28	14.117	4.35	20.17	1.86
2.033	1.14	8.083	2.28	14.133	4.35	20.18	1.25
2.050	1.14	8.100	2.28	14.150	4.35	20.20	1.24
2.067	1.14	8.117	2.28	14.167	4.35	20.22	1.24
2.083	1.14	8.133	2.28	14.183	3.11	20.23	1.24
2.100	1.14	8.150	2.28	14.200	3.11	20.25	1.24
2.117	1.14	8.167	2.28	14.217	3.11	20.27	1.24
2.133	1.14	8.183	2.69	14.233	3.11	20.28	1.24
2.150	1.14	8.200	2.69	14.250	3.11	20.30	1.24
2.167	1.14	8.217	2.69	14.267	3.11	20.32	1.24
2.183	1.35	8.233	2.69	14.283	3.11	20.33	1.24
2.200	1.35	8.250	2.69	14.300	3.11	20.35	1.24
2.217	1.35	8.267	2.69	14.317	3.11	20.37	1.24
2.233	1.35	8.283	2.69	14.333	3.11	20.38	1.24
2.250	1.35	8.300	2.69	14.350	3.11	20.40	1.24
2.267	1.35	8.317	2.69	14.367	3.11	20.42	1.24
2.283	1.35	8.333	2.69	14.383	3.11	20.43	1.24
2.300	1.35	8.350	2.69	14.400	3.11	20.45	1.24
2.317	1.35	8.367	2.69	14.417	3.11	20.47	1.24
2.333	1.35	8.383	2.69	14.433	3.11	20.48	1.24
2.350	1.35	8.400	2.69	14.450	3.11	20.50	1.24
2.367	1.35	8.417	2.69	14.467	3.11	20.52	1.24
2.383	1.35	8.433	2.69	14.483	3.11	20.53	1.24
2.400	1.35	8.450	2.69	14.500	3.11	20.55	1.24
2.417	1.35	8.467	2.69	14.517	3.11	20.57	1.24
2.433	1.35	8.483	2.69	14.533	3.11	20.58	1.24
2.450	1.35	8.500	2.69	14.550	3.11	20.60	1.24
2.467	1.35	8.517	2.69	14.567	3.11	20.62	1.24
2.483	1.35	8.533	2.69	14.583	3.11	20.63	1.24
2.500	1.35	8.550	2.69	14.600	3.11	20.65	1.24
2.517	1.35	8.567	2.69	14.617	3.11	20.67	1.24
2.533	1.35	8.583	2.69	14.633	3.11	20.68	1.24
2.550	1.35	8.600	2.69	14.650	3.11	20.70	1.24
2.567	1.35	8.617	2.69	14.667	3.11	20.72	1.24
2.583	1.35	8.633	2.69	14.683	3.11	20.73	1.24
2.600	1.35	8.650	2.69	14.700	3.11	20.75	1.24
2.617	1.35	8.667	2.69	14.717	3.11	20.77	1.24
2.633	1.35	8.683	2.90	14.733	3.11	20.78	1.24
2.650	1.35	8.700	2.90	14.750	3.11	20.80	1.24
2.667	1.35	8.717	2.90	14.767	3.11	20.82	1.24
2.683	1.35	8.733	2.90	14.783	3.11	20.83	1.24
2.700	1.35	8.750	2.90	14.800	3.11	20.85	1.24
2.717	1.35	8.767	2.90	14.817	3.11	20.87	1.24
2.733	1.35	8.783	2.90	14.833	3.11	20.88	1.24
2.750	1.35	8.800	2.90	14.850	3.11	20.90	1.24
2.767	1.35	8.817	2.90	14.867	3.11	20.92	1.24
2.783	1.35	8.833	2.90	14.883	3.11	20.93	1.24
2.800	1.35	8.850	2.90	14.900	3.11	20.95	1.24
2.817	1.35	8.867	2.90	14.917	3.11	20.97	1.24
2.833	1.35	8.883	2.90	14.933	3.11	20.98	1.24
2.850	1.35	8.900	2.90	14.950	3.11	21.00	1.24
2.867	1.35	8.917	2.90	14.967	3.11	21.02	1.24
2.883	1.35	8.933	2.90	14.983	3.11	21.03	1.24
2.900	1.35	8.950	2.90	15.000	3.11	21.05	1.24
2.917	1.35	8.967	2.90	15.017	3.11	21.07	1.24
2.933	1.35	8.983	2.90	15.033	3.11	21.08	1.24
2.950	1.35	9.000	2.90	15.050	3.11	21.10	1.24
2.967	1.35	9.017	2.90	15.067	3.11	21.12	1.24
2.983	1.35	9.033	2.90	15.083	3.11	21.13	1.24
3.000	1.35	9.050	2.90	15.100	3.11	21.15	1.24
3.017	1.35	9.067	2.90	15.117	3.11	21.17	1.24
3.033	1.35	9.083	2.90	15.133	3.11	21.18	1.24
3.050	1.35	9.100	2.90	15.150	3.11	21.20	1.24
3.067	1.35	9.117	2.90	15.167	3.11	21.22	1.24
3.083	1.35	9.133	2.90	15.183	3.11	21.23	1.24
3.100	1.35	9.150	2.90	15.200	3.11	21.25	1.24
3.117	1.35	9.167	2.90	15.217	3.11	21.27	1.24
3.133	1.35	9.183	3.32	15.233	3.11	21.28	1.24
3.150	1.35	9.200	3.32	15.250	3.11	21.30	1.24
3.167	1.35	9.217	3.32	15.267	3.11	21.32	1.24
3.183	1.35	9.233	3.32	15.283	3.11	21.33	1.24
3.200	1.35	9.250	3.32	15.300	3.11	21.35	1.24
3.217	1.35	9.267	3.32	15.317	3.11	21.37	1.24
3.233	1.35	9.283	3.32	15.333	3.11	21.38	1.24
3.250	1.35	9.300	3.32	15.350	3.11	21.40	1.24
3.267	1.35	9.317	3.32	15.367	3.11	21.42	1.24
3.283	1.35	9.333	3.32	15.383	3.11	21.43	1.24
3.300	1.35	9.350	3.32	15.400	3.11	21.45	1.24
3.317	1.35	9.367	3.32	15.417	3.11	21.47	1.24
3.333	1.35	9.383	3.32	15.433	3.11	21.48	1.24
3.350	1.35	9.400	3.32	15.450	3.11	21.50	1.24
3.367	1.35	9.417	3.32	15.467	3.11	21.52	1.24
3.383	1.35	9.433	3.32	15.483	3.11	21.53	1.24
3.400	1.35	9.450	3.32	15.500	3.11	21.55	1.24
3.417	1.35	9.467	3.32	15.517	3.11	21.57	1.24
3.433	1.35	9.483	3.32	15.533	3.11	21.58	1.24
3.450	1.35	9.500	3.32	15.550	3.11	21.60	1.24
3.467	1.35	9.517	3.32	15.567	3.11	21.62	1.24
3.483	1.35	9.533	3.32	15.583	3.11	21.63	1.24
3.500	1.35	9.550	3.32	15.600	3.11	21.65	1.24
3.517	1.35	9.567	3.32	15.617	3.11	21.67	1.24
3.533	1.35	9.583	3.32	15.633	3.11	21.68	1.24
3.550	1.35	9.600	3.32	15.650	3.11	21.70	1.24
3.567	1.35	9.617	3.32	15.667	3.11	21.72	1.24
3.583	1.35	9.633	3.32	15.683	3.11	21.73	1.24
3.600	1.35	9.650	3.32	15.700	3.11	21.75	1.24

50-yr 24hr SCS Type II

3.617	1.35	9.667	3.32	15.717	3.11	21.77	1.24
3.633	1.35	9.683	3.73	15.733	3.11	21.78	1.24
3.650	1.35	9.700	3.73	15.750	3.11	21.80	1.24
3.667	1.35	9.717	3.73	15.767	3.11	21.82	1.24
3.683	1.35	9.733	3.73	15.783	3.11	21.83	1.24
3.700	1.35	9.750	3.73	15.800	3.11	21.85	1.24
3.717	1.35	9.767	3.73	15.817	3.11	21.87	1.24
3.733	1.35	9.783	3.73	15.833	3.11	21.88	1.24
3.750	1.35	9.800	3.73	15.850	3.11	21.90	1.24
3.767	1.35	9.817	3.73	15.867	3.11	21.92	1.24
3.783	1.35	9.833	3.73	15.883	3.11	21.93	1.24
3.800	1.35	9.850	3.73	15.900	3.11	21.95	1.24
3.817	1.35	9.867	3.73	15.917	3.11	21.97	1.24
3.833	1.35	9.883	3.73	15.933	3.11	21.98	1.24
3.850	1.35	9.900	3.73	15.950	3.11	22.00	1.24
3.867	1.35	9.917	3.73	15.967	3.11	22.02	1.24
3.883	1.35	9.933	3.73	15.983	3.11	22.03	1.24
3.900	1.35	9.950	3.73	16.000	3.11	22.05	1.24
3.917	1.35	9.967	3.73	16.017	3.11	22.07	1.24
3.933	1.35	9.983	3.73	16.033	3.11	22.08	1.24
3.950	1.35	10.000	3.73	16.050	3.11	22.10	1.24
3.967	1.35	10.017	3.73	16.067	3.11	22.12	1.24
3.983	1.35	10.033	3.73	16.083	3.11	22.13	1.24
4.000	1.35	10.050	3.73	16.100	3.11	22.15	1.24
4.017	1.35	10.067	3.73	16.117	3.11	22.17	1.24
4.033	1.35	10.083	3.73	16.133	3.11	22.18	1.24
4.050	1.35	10.100	3.73	16.150	3.11	22.20	1.24
4.067	1.35	10.117	3.73	16.167	3.11	22.22	1.24
4.083	1.35	10.133	3.73	16.183	1.87	22.23	1.24
4.100	1.35	10.150	3.73	16.200	1.86	22.25	1.24
4.117	1.35	10.167	3.73	16.217	1.86	22.27	1.24
4.133	1.35	10.183	4.77	16.233	1.86	22.28	1.24
4.150	1.35	10.200	4.77	16.250	1.86	22.30	1.24
4.167	1.35	10.217	4.77	16.267	1.86	22.32	1.24
4.183	1.66	10.233	4.77	16.283	1.86	22.33	1.24
4.200	1.66	10.250	4.77	16.300	1.86	22.35	1.24
4.217	1.66	10.267	4.77	16.317	1.86	22.37	1.24
4.233	1.66	10.283	4.77	16.333	1.86	22.38	1.24
4.250	1.66	10.300	4.77	16.350	1.86	22.40	1.24
4.267	1.66	10.317	4.77	16.367	1.86	22.42	1.24
4.283	1.66	10.333	4.77	16.383	1.86	22.43	1.24
4.300	1.66	10.350	4.77	16.400	1.86	22.45	1.24
4.317	1.66	10.367	4.77	16.417	1.86	22.47	1.24
4.333	1.66	10.383	4.77	16.433	1.86	22.48	1.24
4.350	1.66	10.400	4.77	16.450	1.86	22.50	1.24
4.367	1.66	10.417	4.77	16.467	1.86	22.52	1.24
4.383	1.66	10.433	4.77	16.483	1.86	22.53	1.24
4.400	1.66	10.450	4.77	16.500	1.86	22.55	1.24
4.417	1.66	10.467	4.77	16.517	1.86	22.57	1.24
4.433	1.66	10.483	4.77	16.533	1.86	22.58	1.24
4.450	1.66	10.500	4.77	16.550	1.86	22.60	1.24
4.467	1.66	10.517	4.77	16.567	1.86	22.62	1.24
4.483	1.66	10.533	4.77	16.583	1.86	22.63	1.24
4.500	1.66	10.550	4.77	16.600	1.86	22.65	1.24
4.517	1.66	10.567	4.77	16.617	1.86	22.67	1.24
4.533	1.66	10.583	4.77	16.633	1.86	22.68	1.24
4.550	1.66	10.600	4.77	16.650	1.86	22.70	1.24
4.567	1.66	10.617	4.77	16.667	1.86	22.72	1.24
4.583	1.66	10.633	4.77	16.683	1.86	22.73	1.24
4.600	1.66	10.650	4.77	16.700	1.86	22.75	1.24
4.617	1.66	10.667	4.77	16.717	1.86	22.77	1.24
4.633	1.66	10.683	6.42	16.733	1.86	22.78	1.24
4.650	1.66	10.700	6.42	16.750	1.86	22.80	1.24
4.667	1.66	10.717	6.42	16.767	1.86	22.82	1.24
4.683	1.66	10.733	6.42	16.783	1.86	22.83	1.24
4.700	1.66	10.750	6.42	16.800	1.86	22.85	1.24
4.717	1.66	10.767	6.42	16.817	1.86	22.87	1.24
4.733	1.66	10.783	6.42	16.833	1.86	22.88	1.24
4.750	1.66	10.800	6.42	16.850	1.86	22.90	1.24
4.767	1.66	10.817	6.42	16.867	1.86	22.92	1.24
4.783	1.66	10.833	6.42	16.883	1.86	22.93	1.24
4.800	1.66	10.850	6.42	16.900	1.86	22.95	1.24
4.817	1.66	10.867	6.42	16.917	1.86	22.97	1.24
4.833	1.66	10.883	6.42	16.933	1.86	22.98	1.24
4.850	1.66	10.900	6.42	16.950	1.86	23.00	1.24
4.867	1.66	10.917	6.42	16.967	1.86	23.02	1.24
4.883	1.66	10.933	6.42	16.983	1.86	23.03	1.24
4.900	1.66	10.950	6.42	17.000	1.86	23.05	1.24
4.917	1.66	10.967	6.42	17.017	1.86	23.07	1.24
4.933	1.66	10.983	6.42	17.033	1.86	23.08	1.24
4.950	1.66	11.000	6.42	17.050	1.86	23.10	1.24
4.967	1.66	11.017	6.42	17.067	1.86	23.12	1.24
4.983	1.66	11.033	6.42	17.083	1.86	23.13	1.24
5.000	1.66	11.050	6.42	17.100	1.86	23.15	1.24
5.017	1.66	11.067	6.42	17.117	1.86	23.17	1.24
5.033	1.66	11.083	6.42	17.133	1.86	23.18	1.24
5.050	1.66	11.100	6.42	17.150	1.86	23.20	1.24
5.067	1.66	11.117	6.42	17.167	1.86	23.22	1.24
5.083	1.66	11.133	6.42	17.183	1.86	23.23	1.24
5.100	1.66	11.150	6.42	17.200	1.86	23.25	1.24
5.117	1.66	11.167	6.42	17.217	1.86	23.27	1.24
5.133	1.66	11.183	9.95	17.233	1.86	23.28	1.24
5.150	1.66	11.200	9.95	17.250	1.86	23.30	1.24
5.167	1.66	11.217	9.95	17.267	1.86	23.32	1.24
5.183	1.66	11.233	9.95	17.283	1.86	23.33	1.24
5.200	1.66	11.250	9.95	17.300	1.86	23.35	1.24
5.217	1.66	11.267	9.95	17.317	1.86	23.37	1.24
5.233	1.66	11.283	9.95	17.333	1.86	23.38	1.24
5.250	1.66	11.300	9.95	17.350	1.86	23.40	1.24
5.267	1.66	11.317	9.95	17.367	1.86	23.42	1.24
5.283	1.66	11.333	9.95	17.383	1.86	23.43	1.24
5.300	1.66	11.350	9.95	17.400	1.86	23.45	1.24
5.317	1.66	11.367	9.95	17.417	1.86	23.47	1.24
5.333	1.66	11.383	9.95	17.433	1.86	23.48	1.24
5.350	1.66	11.400	9.95	17.450	1.86	23.50	1.24
5.367	1.66	11.417	9.95	17.467	1.86	23.52	1.24
5.383	1.66	11.433	9.95	17.483	1.86	23.53	1.24
5.400	1.66	11.450	9.95	17.500	1.86	23.55	1.24
5.417	1.66	11.467	9.95	17.517	1.86	23.57	1.24
5.433	1.66	11.483	9.95	17.533	1.86	23.58	1.24
5.450	1.66	11.500	9.95	17.550	1.86	23.60	1.24
5.467	1.66	11.517	9.95	17.567	1.86	23.62	1.24
5.483	1.66	11.533	9.95	17.583	1.86	23.63	1.24
5.500	1.66	11.550	9.95	17.600	1.86	23.65	1.24
5.517	1.66	11.567	9.95	17.617	1.86	23.67	1.24
5.533	1.66	11.583	9.95	17.633	1.86	23.68	1.24
5.550	1.66	11.600	9.95	17.650	1.86	23.70	1.24
5.567	1.66	11.617	9.95	17.667	1.86	23.72	1.24
5.583	1.66	11.633	9.95	17.683	1.86	23.73	1.24
5.600	1.66	11.650	9.95	17.700	1.86	23.75	1.24
5.617	1.66	11.667	9.95	17.717	1.86	23.77	1.24
5.633	1.66	11.683	30.66	17.733	1.86	23.78	1.24
5.650	1.66	11.700	30.67	17.750	1.86	23.80	1.24
5.667	1.66	11.717	30.67	17.767	1.86	23.82	1.24
5.683	1.66	11.733	30.67	17.783	1.86	23.83	1.24
5.700	1.66	11.750	30.67	17.800	1.86	23.85	1.24
5.717	1.66	11.767	30.67	17.817	1.86	23.87	1.24
5.733	1.66	11.783	30.67	17.833	1.86	23.88	1.24
5.750	1.66	11.800	30.67	17.850	1.86	23.90	1.24
5.767	1.66	11.817	30.67	17.867	1.86	23.92	1.24
5.783	1.66	11.833	30.67	17.883	1.86	23.93	1.24
5.800	1.66	11.850	78.71	17.900	1.86	23.95	1.24
5.817	1.66	11.867	78.74	17.917	1.86	23.97	1.24
5.833	1.66	11.883	78.74	17.933	1.86	23.98	1.24
5.850	1.66	11.900	78.74	17.950	1.86	24.00	1.24
5.867	1.66	11.917	78.74	17.967	1.86	24.02	1.24
5.883	1.66	11.933	78.74	17.983	1.86	24.03	1.24
5.900	1.66	11.950	78.74	18.000	1.86	24.05	1.24
5.917	1.66	11.967	78.74	18.017	1.86	24.07	1.24
5.933	1.66	11.983	78.74	18.033	1.86	24.08	1.24
5.950	1.66	12.000	78.74	18.050	1.86	24.10	1.24
5.967	1.66	12.017	126.77	18.067	1.86	24.12	1.24
5.983	1.66	12.033	126.81	18.083	1.86	24.13	1.24
6.000	1.66	12.050	126.81	18.100	1.86	24.15	1.24
6.017	1.66	12.067	126.81	18.117	1.86	24.17	1.24
6.033	1.66	12.083	126.81	18.133	1.86		
6.050	1.66	12.100	126.81	18.150	1.86		

```
     Max.Eff.Inten.(mm/hr)=     126.81       131.79
               over (min)        5.00         4.00
     Storage Coeff.  (min)=       0.39 (ii)    3.89 (ii)
     Unit Hyd. Tpeak (min)=       5.00         4.00
     Unit Hyd. peak  (cms)=       0.55         0.29
                                                        *TOTALS*
     PEAK FLOW       (cms)=       0.00         0.07       0.065 (iii)
     TIME TO PEAK    (hrs)=      12.12        12.17        12.17
     RUNOFF VOLUME    (mm)=     102.60        67.60        67.60
     TOTAL RAINFALL   (mm)=     103.60       103.60       103.60
     RUNOFF COEFFICIENT   =       0.99         0.65         0.65

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
             YOU SHOULD CONSIDER SPLITTING THE AREA.

       (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
           CN*  =  80.0    Ia = Dep. Storage  (Above)
      (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
           THAN THE STORAGE COEFFICIENT.
     (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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------------------
| ADD HYD  (  0026)|
|   1 +  2 =  3    |          AREA    QPEAK    TPEAK     R.V.
------------------            (ha)     (cms)    (hrs)     (mm)
        ID1= 1 (  0206):     0.13   0.034    12.17    67.59
      + ID2= 2 (  0207):     0.25   0.065    12.17    67.60
        ==========================================================
        ID = 3 (  0026):     0.38   0.099    12.17    67.59

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
--------------------------------------------------------------------------------
```

100-yr 24hr SCS Type II

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================================================================================
====================

      V    V   I    SSSSS  U   U    A    L                (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
       V  V    I      SS   U   U  A   A  L
        VV     I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M M M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                    *****  D E T A I L E D    O U T P U T  *****

  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\37f91031-ff3a-462b-a02f-be12520f97f2\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\37f91031-ff3a-462b-a02f-be12520f97f2\scen

DATE: 11/01/2023                          TIME: 04:20:49

USER:


COMMENTS: _____

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--------------------
  ***********************************************
  ** SIMULATION : 100yr 24hr 10min SCS Type II  **
  ***********************************************


---------------------
|    READ STORM     |    Filename: C:\Users\SAhonen\AppD
|                   |              ata\Local\Temp\
|                   |              c1647a78-757b-4305-aa52-b335c28469ae\d85b05b4
| Ptotal=114.47 mm  |    Comments: 100yr 24hr 10min SCS Type II (MTO)
---------------------
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs  mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
                0.00    0.00 |  6.17    2.06 | 12.33   16.48 | 18.50    2.06
                0.17    1.26 |  6.33    2.06 | 12.50   16.48 | 18.67    2.06
                0.33    1.26 |  6.50    2.06 | 12.67    8.47 | 18.83    2.06
                0.50    1.26 |  6.67    2.06 | 12.83    8.47 | 19.00    2.06
                0.67    1.26 |  6.83    2.06 | 13.00    8.47 | 19.17    2.06
                0.83    1.26 |  7.00    2.06 | 13.17    6.18 | 19.33    2.06
                1.00    1.26 |  7.17    2.52 | 13.33    6.18 | 19.50    2.06
                1.17    1.26 |  7.33    2.52 | 13.50    6.18 | 19.67    2.06
                1.33    1.26 |  7.50    2.52 | 13.67    4.81 | 19.83    2.06
                1.50    1.26 |  7.67    2.52 | 13.83    4.81 | 20.00    2.06
                1.67    1.26 |  7.83    2.52 | 14.00    4.81 | 20.17    1.37
                1.83    1.26 |  8.00    2.52 | 14.17    3.43 | 20.33    1.37
                2.00    1.26 |  8.17    2.98 | 14.33    3.43 | 20.50    1.37
                2.17    1.49 |  8.33    2.98 | 14.50    3.43 | 20.67    1.37
                2.33    1.49 |  8.50    2.98 | 14.67    3.43 | 20.83    1.37
                2.50    1.49 |  8.67    3.21 | 14.83    3.43 | 21.00    1.37
                2.67    1.49 |  8.83    3.21 | 15.00    3.43 | 21.17    1.37
                2.83    1.49 |  9.00    3.21 | 15.17    3.43 | 21.33    1.37
                3.00    1.49 |  9.17    3.66 | 15.33    3.43 | 21.50    1.37
                3.17    1.49 |  9.33    3.66 | 15.50    3.43 | 21.67    1.37
                3.33    1.49 |  9.50    3.66 | 15.67    3.43 | 21.83    1.37
                3.50    1.49 |  9.67    4.12 | 15.83    3.43 | 22.00    1.37
                3.67    1.49 |  9.83    4.12 | 16.00    3.43 | 22.17    1.37
                3.83    1.49 | 10.00    4.12 | 16.17    2.06 | 22.33    1.37
                4.00    1.49 | 10.17    5.27 | 16.33    2.06 | 22.50    1.37
                4.17    1.83 | 10.33    5.27 | 16.50    2.06 | 22.67    1.37
                4.33    1.83 | 10.50    5.27 | 16.67    2.06 | 22.83    1.37
                4.50    1.83 | 10.67    7.10 | 16.83    2.06 | 23.00    1.37
                4.67    1.83 | 10.83    7.10 | 17.00    2.06 | 23.17    1.37
                4.83    1.83 | 11.00    7.10 | 17.17    2.06 | 23.33    1.37
                5.00    1.83 | 11.17   10.99 | 17.33    2.06 | 23.50    1.37
                5.17    1.83 | 11.33   10.99 | 17.50    2.06 | 23.67    1.37
                5.33    1.83 | 11.50   10.99 | 17.67    2.06 | 23.83    1.37
                5.50    1.83 | 11.67   33.88 | 17.83    2.06 | 24.00    1.37
                5.67    1.83 | 11.83   87.00 | 18.00    2.06 |
                5.83    1.83 | 12.00  140.11 | 18.17    2.06 |
                6.00    1.83 | 12.17   16.48 | 18.33    2.06 |

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---------------------
| CALIB             |
| STANDHYD (  0204)|   Area    (ha)=  16.91
|ID= 1 DT= 1.0 min |   Total Imp(%)=  75.00   Dir. Conn.(%)=  37.50
---------------------

                          IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=      12.68         4.23
     Dep. Storage     (mm)=       1.00         5.00
     Average Slope     (%)=       2.00         2.00
     Length            (m)=      40.00        30.00
     Mannings n           =      0.013        0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.


                          ---- TRANSFORMED HYETOGRAPH ----
                TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
                 hrs  mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
               0.017    0.00 |  6.067    1.83 |12.117  140.11 | 18.17    2.06
               0.033    0.00 |  6.083    1.83 |12.133  140.11 | 18.18    2.06
               0.050    0.00 |  6.100    1.83 |12.150  140.11 | 18.20    2.06
               0.067    0.00 |  6.117    1.83 |12.167  140.11 | 18.22    2.06
               0.083    0.00 |  6.133    1.83 |12.183   16.59 | 18.23    2.06
               0.100    0.00 |  6.150    1.83 |12.200   16.48 | 18.25    2.06
               0.117    0.00 |  6.167    1.83 |12.217   16.48 | 18.27    2.06
               0.133    0.00 |  6.183    2.06 |12.233   16.48 | 18.28    2.06
               0.150    0.00 |  6.200    2.06 |12.250   16.48 | 18.30    2.06
               0.167    0.00 |  6.217    2.06 |12.267   16.48 | 18.32    2.06
               0.183    1.26 |  6.233    2.06 |12.283   16.48 | 18.33    2.06
               0.200    1.26 |  6.250    2.06 |12.300   16.48 | 18.35    2.06
               0.217    1.26 |  6.267    2.06 |12.317   16.48 | 18.37    2.06
               0.233    1.26 |  6.283    2.06 |12.333   16.48 | 18.38    2.06
               0.250    1.26 |  6.300    2.06 |12.350   16.48 | 18.40    2.06
               0.267    1.26 |  6.317    2.06 |12.367   16.48 | 18.42    2.06
               0.283    1.26 |  6.333    2.06 |12.383   16.48 | 18.43    2.06
               0.300    1.26 |  6.350    2.06 |12.400   16.48 | 18.45    2.06
               0.317    1.26 |  6.367    2.06 |12.417   16.48 | 18.47    2.06
               0.333    1.26 |  6.383    2.06 |12.433   16.48 | 18.48    2.06
               0.350    1.26 |  6.400    2.06 |12.450   16.48 | 18.50    2.06
               0.367    1.26 |  6.417    2.06 |12.467   16.48 | 18.52    2.06
               0.383    1.26 |  6.433    2.06 |12.483   16.48 | 18.53    2.06
               0.400    1.26 |  6.450    2.06 |12.500   16.48 | 18.55    2.06
               0.417    1.26 |  6.467    2.06 |12.517   16.48 | 18.57    2.06
               0.433    1.26 |  6.483    2.06 |12.533   16.48 | 18.58    2.06
               0.450    1.26 |  6.500    2.06 |12.550   16.48 | 18.60    2.06
               0.467    1.26 |  6.517    2.06 |12.567   16.48 | 18.62    2.06
               0.483    1.26 |  6.533    2.06 |12.583   16.48 | 18.63    2.06
               0.500    1.26 |  6.550    2.06 |12.600   16.48 | 18.65    2.06
               0.517    1.26 |  6.567    2.06 |12.617   16.48 | 18.67    2.06
               0.533    1.26 |  6.583    2.06 |12.633   16.48 | 18.68    2.06
               0.550    1.26 |  6.600    2.06 |12.650   16.48 | 18.70    2.06
               0.567    1.26 |  6.617    2.06 |12.667   16.48 | 18.72    2.06
               0.583    1.26 |  6.633    2.06 |12.683    8.48 | 18.73    2.06
               0.600    1.26 |  6.650    2.06 |12.700    8.47 | 18.75    2.06
               0.617    1.26 |  6.667    2.06 |12.717    8.47 | 18.77    2.06
               0.633    1.26 |  6.683    2.06 |12.733    8.47 | 18.78    2.06
               0.650    1.26 |  6.700    2.06 |12.750    8.47 | 18.80    2.06
               0.667    1.26 |  6.717    2.06 |12.767    8.47 | 18.82    2.06
               0.683    1.26 |  6.733    2.06 |12.783    8.47 | 18.83    2.06
               0.700    1.26 |  6.750    2.06 |12.800    8.47 | 18.85    2.06
               0.717    1.26 |  6.767    2.06 |12.817    8.47 | 18.87    2.06
               0.733    1.26 |  6.783    2.06 |12.833    8.47 | 18.88    2.06
               0.750    1.26 |  6.800    2.06 |12.850    8.47 | 18.90    2.06
               0.767    1.26 |  6.817    2.06 |12.867    8.47 | 18.92    2.06
               0.783    1.26 |  6.833    2.06 |12.883    8.47 | 18.93    2.06
               0.800    1.26 |  6.850    2.06 |12.900    8.47 | 18.95    2.06
               0.817    1.26 |  6.867    2.06 |12.917    8.47 | 18.97    2.06
               0.833    1.26 |  6.883    2.06 |12.933    8.47 | 18.98    2.06
               0.850    1.26 |  6.900    2.06 |12.950    8.47 | 19.00    2.06
               0.867    1.26 |  6.917    2.06 |12.967    8.47 | 19.02    2.06
               0.883    1.26 |  6.933    2.06 |12.983    8.47 | 19.03    2.06
               0.900    1.26 |  6.950    2.06 |13.000    8.47 | 19.05    2.06
               0.917    1.26 |  6.967    2.06 |13.017    8.47 | 19.07    2.06
               0.933    1.26 |  6.983    2.06 |13.033    8.47 | 19.08    2.06
               0.950    1.26 |  7.000    2.06 |13.050    8.47 | 19.10    2.06
               0.967    1.26 |  7.017    2.06 |13.067    8.47 | 19.12    2.06
               0.983    1.26 |  7.033    2.06 |13.083    8.47 | 19.13    2.06
               1.000    1.26 |  7.050    2.06 |13.100    8.47 | 19.15    2.06
               1.017    1.26 |  7.067    2.06 |13.117    8.47 | 19.17    2.06
               1.033    1.26 |  7.083    2.06 |13.133    8.47 | 19.18    2.06
               1.050    1.26 |  7.100    2.06 |13.150    8.47 | 19.20    2.06
               1.067    1.26 |  7.117    2.06 |13.167    8.47 | 19.22    2.06
               1.083    1.26 |  7.133    2.06 |13.183    6.19 | 19.23    2.06
               1.100    1.26 |  7.150    2.06 |13.200    6.18 | 19.25    2.06
               1.117    1.26 |  7.167    2.06 |13.217    6.18 | 19.27    2.06
               1.133    1.26 |  7.183    2.52 |13.233    6.18 | 19.28    2.06
               1.150    1.26 |  7.200    2.52 |13.250    6.18 | 19.30    2.06
               1.167    1.26 |  7.217    2.52 |13.267    6.18 | 19.32    2.06
               1.183    1.26 |  7.233    2.52 |13.283    6.18 | 19.33    2.06
               1.200    1.26 |  7.250    2.52 |13.300    6.18 | 19.35    2.06
               1.217    1.26 |  7.267    2.52 |13.317    6.18 | 19.37    2.06
               1.233    1.26 |  7.283    2.52 |13.333    6.18 | 19.38    2.06
               1.250    1.26 |  7.300    2.52 |13.350    6.18 | 19.40    2.06
               1.267    1.26 |  7.317    2.52 |13.367    6.18 | 19.42    2.06
               1.283    1.26 |  7.333    2.52 |13.383    6.18 | 19.43    2.06
               1.300    1.26 |  7.350    2.52 |13.400    6.18 | 19.45    2.06
               1.317    1.26 |  7.367    2.52 |13.417    6.18 | 19.47    2.06
               1.333    1.26 |  7.383    2.52 |13.433    6.18 | 19.48    2.06
               1.350    1.26 |  7.400    2.52 |13.450    6.18 | 19.50    2.06
               1.367    1.26 |  7.417    2.52 |13.467    6.18 | 19.52    2.06
               1.383    1.26 |  7.433    2.52 |13.483    6.18 | 19.53    2.06
               1.400    1.26 |  7.450    2.52 |13.500    6.18 | 19.55    2.06
               1.417    1.26 |  7.467    2.52 |13.517    6.18 | 19.57    2.06
               1.433    1.26 |  7.483    2.52 |13.533    6.18 | 19.58    2.06
               1.450    1.26 |  7.500    2.52 |13.550    6.18 | 19.60    2.06
               1.467    1.26 |  7.517    2.52 |13.567    6.18 | 19.62    2.06
               1.483    1.26 |  7.533    2.52 |13.583    6.18 | 19.63    2.06
               1.500    1.26 |  7.550    2.52 |13.600    6.18 | 19.65    2.06
               1.517    1.26 |  7.567    2.52 |13.617    6.18 | 19.67    2.06
               1.533    1.26 |  7.583    2.52 |13.633    6.18 | 19.68    2.06
               1.550    1.26 |  7.600    2.52 |13.650    6.18 | 19.70    2.06
               1.567    1.26 |  7.617    2.52 |13.667    6.18 | 19.72    2.06
               1.583    1.26 |  7.633    2.52 |13.683    4.81 | 19.73    2.06
               1.600    1.26 |  7.650    2.52 |13.700    4.81 | 19.75    2.06
               1.617    1.26 |  7.667    2.52 |13.717    4.81 | 19.77    2.06
               1.633    1.26 |  7.683    2.52 |13.733    4.81 | 19.78    2.06
               1.650    1.26 |  7.700    2.52 |13.750    4.81 | 19.80    2.06
               1.667    1.26 |  7.717    2.52 |13.767    4.81 | 19.82    2.06
               1.683    1.26 |  7.733    2.52 |13.783    4.81 | 19.83    2.06
               1.700    1.26 |  7.750    2.52 |13.800    4.81 | 19.85    2.06
               1.717    1.26 |  7.767    2.52 |13.817    4.81 | 19.87    2.06
               1.733    1.26 |  7.783    2.52 |13.833    4.81 | 19.88    2.06
               1.750    1.26 |  7.800    2.52 |13.850    4.81 | 19.90    2.06
               1.767    1.26 |  7.817    2.52 |13.867    4.81 | 19.92    2.06
               1.783    1.26 |  7.833    2.52 |13.883    4.81 | 19.93    2.06
               1.800    1.26 |  7.850    2.52 |13.900    4.81 | 19.95    2.06
               1.817    1.26 |  7.867    2.52 |13.917    4.81 | 19.97    2.06
               1.833    1.26 |  7.883    2.52 |13.933    4.81 | 19.98    2.06
               1.850    1.26 |  7.900    2.52 |13.950    4.81 | 20.00    2.06
               1.867    1.26 |  7.917    2.52 |13.967    4.81 | 20.02    2.06
               1.883    1.26 |  7.933    2.52 |13.983    4.81 | 20.03    2.06
               1.900    1.26 |  7.950    2.52 |14.000    4.81 | 20.05    2.06
               1.917    1.26 |  7.967    2.52 |14.017    4.81 | 20.07    2.06
               1.933    1.26 |  7.983    2.52 |14.033    4.81 | 20.08    2.06
               1.950    1.26 |  8.000    2.52 |14.050    4.81 | 20.10    2.06
               1.967    1.26 |  8.017    2.52 |14.067    4.81 | 20.12    2.06
               1.983    1.26 |  8.033    2.52 |14.083    4.81 | 20.13    2.06
               2.000    1.26 |  8.050    2.52 |14.100    4.81 | 20.15    2.06
               2.017    1.26 |  8.067    2.52 |14.117    4.81 | 20.17    2.06
               2.033    1.26 |  8.083    2.52 |14.133    4.81 | 20.18    1.38
               2.050    1.26 |  8.100    2.52 |14.150    4.81 | 20.20    1.37
               2.067    1.26 |  8.117    2.52 |14.167    4.81 | 20.22    1.37
               2.083    1.26 |  8.133    2.52 |14.183    3.44 | 20.23    1.37
               2.100    1.26 |  8.150    2.52 |14.200    3.43 | 20.25    1.37
               2.117    1.26 |  8.167    2.52 |14.217    3.43 | 20.27    1.37
               2.133    1.26 |  8.183    2.98 |14.233    3.43 | 20.28    1.37
               2.150    1.26 |  8.200    2.98 |14.250    3.43 | 20.30    1.37
               2.167    1.26 |  8.217    2.98 |14.267    3.43 | 20.32    1.37
               2.183    1.49 |  8.233    2.98 |14.283    3.43 | 20.33    1.37
               2.200    1.49 |  8.250    2.98 |14.300    3.43 | 20.35    1.37
               2.217    1.49 |  8.267    2.98 |14.317    3.43 | 20.37    1.37
               2.233    1.49 |  8.283    2.98 |14.333    3.43 | 20.38    1.37
               2.250    1.49 |  8.300    2.98 |14.350    3.43 | 20.40    1.37
               2.267    1.49 |  8.317    2.98 |14.367    3.43 | 20.42    1.37
               2.283    1.49 |  8.333    2.98 |14.383    3.43 | 20.43    1.37
               2.300    1.49 |  8.350    2.98 |14.400    3.43 | 20.45    1.37
               2.317    1.49 |  8.367    2.98 |14.417    3.43 | 20.47    1.37
               2.333    1.49 |  8.383    2.98 |14.433    3.43 | 20.48    1.37
               2.350    1.49 |  8.400    2.98 |14.450    3.43 | 20.50    1.37
               2.367    1.49 |  8.417    2.98 |14.467    3.43 | 20.52    1.37
               2.383    1.49 |  8.433    2.98 |14.483    3.43 | 20.53    1.37
               2.400    1.49 |  8.450    2.98 |14.500    3.43 | 20.55    1.37
               2.417    1.49 |  8.467    2.98 |14.517    3.43 | 20.57    1.37
               2.433    1.49 |  8.483    2.98 |14.533    3.43 | 20.58    1.37
               2.450    1.49 |  8.500    2.98 |14.550    3.43 | 20.60    1.37
               2.467    1.49 |  8.517    2.98 |14.567    3.43 | 20.62    1.37
               2.483    1.49 |  8.533    2.98 |14.583    3.43 | 20.63    1.37
               2.500    1.49 |  8.550    2.98 |14.600    3.43 | 20.65    1.37
               2.517    1.49 |  8.567    2.98 |14.617    3.43 | 20.67    1.37
               2.533    1.49 |  8.583    2.98 |14.633    3.43 | 20.68    1.37
               2.550    1.49 |  8.600    2.98 |14.650    3.43 | 20.70    1.37
               2.567    1.49 |  8.617    2.98 |14.667    3.43 | 20.72    1.37
               2.583    1.49 |  8.633    2.98 |14.683    3.43 | 20.73    1.37
               2.600    1.49 |  8.650    2.98 |14.700    3.43 | 20.75    1.37
               2.617    1.49 |  8.667    2.98 |14.717    3.43 | 20.77    1.37
               2.633    1.49 |  8.683    3.21 |14.733    3.43 | 20.78    1.37
               2.650    1.49 |  8.700    3.21 |14.750    3.43 | 20.80    1.37
               2.667    1.49 |  8.717    3.21 |14.767    3.43 | 20.82    1.37
               2.683    1.49 |  8.733    3.21 |14.783    3.43 | 20.83    1.37
               2.700    1.49 |  8.750    3.21 |14.800    3.43 | 20.85    1.37
               2.717    1.49 |  8.767    3.21 |14.817    3.43 | 20.87    1.37
               2.733    1.49 |  8.783    3.21 |14.833    3.43 | 20.88    1.37
               2.750    1.49 |  8.800    3.21 |14.850    3.43 | 20.90    1.37
               2.767    1.49 |  8.817    3.21 |14.867    3.43 | 20.92    1.37
               2.783    1.49 |  8.833    3.21 |14.883    3.43 | 20.93    1.37
               2.800    1.49 |  8.850    3.21 |14.900    3.43 | 20.95    1.37
               2.817    1.49 |  8.867    3.21 |14.917    3.43 | 20.97    1.37
               2.833    1.49 |  8.883    3.21 |14.933    3.43 | 20.98    1.37
               2.850    1.49 |  8.900    3.21 |14.950    3.43 | 21.00    1.37
               2.867    1.49 |  8.917    3.21 |14.967    3.43 | 21.02    1.37
               2.883    1.49 |  8.933    3.21 |14.983    3.43 | 21.03    1.37
               2.900    1.49 |  8.950    3.21 |15.000    3.43 | 21.05    1.37
               2.917    1.49 |  8.967    3.21 |15.017    3.43 | 21.07    1.37
               2.933    1.49 |  8.983    3.21 |15.033    3.43 | 21.08    1.37
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100-yr 24hr SCS Type II

2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37
3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37
6.033	1.83	12.083	140.11	18.133	2.06		
6.050	1.83	12.100	140.11	18.150	2.06		

Max.Eff.Inten.(mm/hr)=	140.11	320.30	
over (min)	5.00	6.00	
Storage Coeff. (min)=	1.05 (ii)	5.46 (ii)	
Unit Hyd. Tpeak (min)=	5.00	6.00	
Unit Hyd. peak (cms)=	0.47	0.20	
			TOTALS
PEAK FLOW (cms)=	2.47	3.28	5.721 (iii)
TIME TO PEAK (hrs)=	12.17	12.18	12.17
RUNOFF VOLUME (mm)=	113.47	91.74	99.90
TOTAL RAINFALL (mm)=	114.47	114.47	114.47
RUNOFF COEFFICIENT =	0.99	0.80	0.87

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0211)	Area (ha)= 0.18		
ID= 1 DT= 1.0 min	Total Imp(%)= 70.00	Dir. Conn.(%)= 35.00	
	IMPERVIOUS	PERVIOUS (i)	
Surface Area (ha)=	0.13	0.05	
Dep. Storage (mm)=	1.00	2.80	
Average Slope (%)=	1.00	2.00	
Length (m)=	34.64	10.00	
Mannings n =	0.013	0.250	

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06
0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06
0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06
0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06

100-yr 24hr SCS Type II

1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06
1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37
2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37
3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37

100-yr 24hr SCS Type II

5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37
6.033	1.83	12.083	140.11	18.133	2.06		
6.050	1.83	12.100	140.11	18.150	2.06		

Max.Eff.Inten.(mm/hr)=	140.11	294.42	
over (min)	5.00	4.00	
Storage Coeff. (min)=	1.18 (ii)	3.71 (ii)	
Unit Hyd. Tpeak (min)=	5.00	4.00	
Unit Hyd. peak (cms)=	0.45	0.30	
			TOTALS
PEAK FLOW (cms)=	0.02	0.04	0.067 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	113.47	101.49	105.68
TOTAL RAINFALL (mm)=	114.47	114.47	114.47
RUNOFF COEFFICIENT =	0.99	0.89	0.92

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 90.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

DUHYD (0023)					
Inlet Cap.= 0.039					
#of Inlets= 1					
Total(cms)= 0.0		AREA (ha)	QPEAK (cms)	TPEAK (hrs)	R.V. (mm)
TOTAL HYD.(ID= 1):		0.18	0.07	12.17	105.68
MAJOR SYS.(ID= 2):		0.01	0.03	12.17	105.68
MINOR SYS.(ID= 3):		0.17	0.04	11.98	105.68

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB				
STANDHYD (0212)	Area (ha)= 1.77			
ID= 1 DT= 1.0 min	Total Imp(%)= 50.00	Dir. Conn.(%)= 50.00		
		IMPERVIOUS	PERVIOUS (i)	
Surface Area	(ha)=	0.89	0.89	
Dep. Storage	(mm)=	1.00	5.00	
Average Slope	(%)=	1.00	33.00	
Length	(m)=	108.63	10.00	
Mannings n	=	0.013	0.250	

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06
0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06
0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06
0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06
1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06
1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37
2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37

100-yr 24hr SCS Type II

3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37
6.033	1.83	12.083	140.11	18.133	2.06		
6.050	1.83	12.100	140.11	18.150	2.06		

```
     Max.Eff.Inten.(mm/hr)=     140.11       102.25
               over (min)        5.00         4.00
     Storage Coeff.  (min)=      2.35 (ii)    3.50 (ii)
     Unit Hyd. Tpeak (min)=      5.00         4.00
     Unit Hyd. peak  (cms)=      0.35         0.31
                                                      *TOTALS*
     PEAK FLOW       (cms)=      0.34         0.24       0.580 (iii)
     TIME TO PEAK    (hrs)=     12.17        12.17       12.17
     RUNOFF VOLUME    (mm)=    113.46        69.28       91.38
     TOTAL RAINFALL   (mm)=    114.47       114.47      114.47
     RUNOFF COEFFICIENT   =      0.99         0.61        0.80

       (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
           CN*  =  80.0    Ia = Dep. Storage  (Above)
      (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
           THAN THE STORAGE COEFFICIENT.
     (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

-------------------------------------------------------------------------------

-------------------
| ADD HYD  (  0024)|
|   1 +  2 =  3    |        AREA    QPEAK    TPEAK      R.V.
-------------------        (ha)     (cms)    (hrs)      (mm)
       ID1= 1 (  0204):    16.91    5.721    12.17     99.90
     + ID2= 2 (  0212):     1.77    0.580    12.17     91.38
       ========================================================
       ID = 3 (  0024):    18.68    6.301    12.17     99.09

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

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-------------------
| ADD HYD  (  0024)|
|   3 +  2 =  1    |        AREA    QPEAK    TPEAK      R.V.
-------------------        (ha)     (cms)    (hrs)      (mm)
       ID1= 3 (  0024):    18.68    6.301    12.17     99.09
     + ID2= 2 (  0023):     0.17    0.039    11.98    105.68
       ========================================================
       ID = 1 (  0024):    18.85    6.340    12.17     99.15

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

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| RESERVOIR(  0002)|     OVERFLOW IS OFF
| IN= 2---> OUT= 1 |
| DT=  1.0 min     |    OUTFLOW    STORAGE    |  OUTFLOW    STORAGE
-------------------      (cms)      (ha.m.)    |  (cms)      (ha.m.)
                         0.0000     0.0000     |  0.4535     0.8095
                         0.0049     0.0710     |  0.5215     0.9015
                         0.0085     0.1443     |  0.5814     0.9955
                         0.0110     0.2200     |  0.6357     1.0914
                         0.0130     0.2982     |  0.8135     1.1894
                         0.0340     0.3786     |  1.1256     1.2893
                         0.0891     0.4610     |  1.5570     1.3912
                         0.1705     0.5453     |  2.1096     1.4952
                         0.2689     0.6314     |  2.7880     1.6010
                         0.3715     0.7195     |  3.5978     1.7088

                                AREA      QPEAK     TPEAK      R.V.
                                (ha)      (cms)     (hrs)      (mm)
     INFLOW : ID= 2 (  0024)    18.846     6.340     12.17     99.15
     OUTFLOW: ID= 1 (  0002)    18.846     0.684     12.73     81.62

               PEAK   FLOW   REDUCTION [Qout/Qin](%)= 10.79
               TIME SHIFT OF PEAK FLOW          (min)= 34.00
               MAXIMUM  STORAGE   USED       (ha.m.)=  1.1182

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| CALIB            |
| STANDHYD (  0203)|   Area     (ha)=   1.05
|ID= 1 DT= 1.0 min |   Total Imp(%)=  28.00   Dir. Conn.(%)=  14.00
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                          IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=       0.29         0.76
     Dep. Storage     (mm)=       1.00         5.00
     Average Slope     (%)=       1.00         2.00
     Length            (m)=      70.00        10.00
     Mannings n            =      0.013        0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.

                          ---- TRANSFORMED HYETOGRAPH ----
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TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06
0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06
0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06

100-yr 24hr SCS Type II

0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06
1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06
1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37
2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37
3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37

100-yr 24hr SCS Type II

5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37
6.033	1.83	12.083	140.11	18.133	2.06		
6.050	1.83	12.100	140.11	18.150	2.06		

Max.Eff.Inten.(mm/hr)=	140.11	130.04	
over (min)	5.00	7.00	
Storage Coeff. (min)=	1.80 (ii)	6.97 (ii)	
Unit Hyd. Tpeak (min)=	5.00	7.00	
Unit Hyd. peak (cms)=	0.39	0.16	
		TOTALS	
PEAK FLOW (cms)=	0.06	0.22	0.272 (iii)
TIME TO PEAK (hrs)=	12.17	12.20	12.18
RUNOFF VOLUME (mm)=	113.46	74.40	79.88
TOTAL RAINFALL (mm)=	114.47	114.47	114.47
RUNOFF COEFFICIENT =	0.99	0.65	0.70

***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
STANDHYD (0205)	Area (ha)=	0.28			
ID= 1 DT= 1.0 min	Total Imp(%)=	20.00	Dir. Conn.(%)=	0.01	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.22
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06
0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06
0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06
0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06
1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06
1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37
2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37
3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37

100-yr 24hr SCS Type II

3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37
6.033	1.83	12.083	140.11	18.133	2.06		
6.050	1.83	12.100	140.11	18.150	2.06		

```
      Max.Eff.Inten.(mm/hr)=      140.11       138.04
                 over (min)         5.00         4.00
      Storage Coeff.  (min)=        0.37 (ii)    3.81 (ii)
      Unit Hyd. Tpeak (min)=         5.00         4.00
      Unit Hyd. peak  (cms)=         0.55         0.29
                                                          *TOTALS*
      PEAK FLOW       (cms)=         0.00         0.08       0.082 (iii)
      TIME TO PEAK    (hrs)=        12.12        12.17        12.17
      RUNOFF VOLUME    (mm)=       113.47        75.67        75.67
      TOTAL RAINFALL   (mm)=       114.47       114.47       114.47
      RUNOFF COEFFICIENT   =         0.99         0.66         0.66

 ***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
 ***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
               YOU SHOULD CONSIDER SPLITTING THE AREA.

          (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
              CN*  =  80.0    Ia = Dep. Storage  (Above)
         (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
              THAN THE STORAGE COEFFICIENT.
        (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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--------------------
| ADD HYD  (  0007)|
|   1 +  2 =  3    |        AREA    QPEAK    TPEAK     R.V.
--------------------        (ha)    (cms)    (hrs)     (mm)
       ID1= 1 (  0002):    18.85    0.684    12.73    81.62
     + ID2= 2 (  0203):     1.05    0.272    12.18    79.88
       ================================================
       ID = 3 (  0007):    19.90    0.821    12.23    81.52

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

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--------------------
| ADD HYD  (  0007)|
|   3 +  2 =  1    |        AREA    QPEAK    TPEAK     R.V.
--------------------        (ha)    (cms)    (hrs)     (mm)
       ID1= 3 (  0007):    19.90    0.821    12.23    81.52
     + ID2= 2 (  0205):     0.28    0.082    12.17    75.67
       ================================================
       ID = 1 (  0007):    20.18    0.887    12.22    81.44

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

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--------------------
| CALIB            |
| STANDHYD (  0208)|   Area     (ha)=   0.61
|ID= 1 DT= 1.0 min |   Total Imp(%)=  45.00   Dir. Conn.(%)=   0.01
--------------------

                          IMPERVIOUS    PERVIOUS (i)
      Surface Area     (ha)=       0.27         0.34
      Dep. Storage     (mm)=       1.00         5.00
      Average Slope     (%)=       1.00         2.00
      Length            (m)=       5.00        25.00
      Mannings n          =      0.013        0.250

         NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.

                        ---- TRANSFORMED HYETOGRAPH ----
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TIME	RAIN	TIME	RAIN	TIME	RAIN	TIME	RAIN
hrs	mm/hr	hrs	mm/hr	hrs	mm/hr	hrs	mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06
0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06
0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06
0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06
1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06

100-yr 24hr SCS Type II

1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37
2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37
3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37

100-yr 24hr SCS Type II

	6.033	1.83	12.083	140.11	18.133	2.06	
	6.050	1.83	12.100	140.11	18.150	2.06	

Max.Eff.Inten.(mm/hr)=	140.11	220.77	
over (min)	5.00	5.00	
Storage Coeff. (min)=	0.37 (ii)	4.25 (ii)	
Unit Hyd. Tpeak (min)=	5.00	5.00	
Unit Hyd. peak (cms)=	0.55	0.25	
		TOTALS	
PEAK FLOW (cms)=	0.00	0.19	0.190 (iii)
TIME TO PEAK (hrs)=	12.13	12.17	12.17
RUNOFF VOLUME (mm)=	113.47	85.10	85.11
TOTAL RAINFALL (mm)=	114.47	114.47	114.47
RUNOFF COEFFICIENT =	0.99	0.74	0.74

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
STANDHYD (0209)	Area	(ha)=	0.06		
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)=	0.01	

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.01	0.05
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06
0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06
0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06
0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06
1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06
1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37
2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37
3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37

100-yr 24hr SCS Type II

4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37	
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37	
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37	
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37	
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37	
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37	
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37	
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37	
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37	
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37	
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37	
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37	
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37	
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37	
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37	
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37	
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37	
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37	
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37	
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37	
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37	
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37	
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37	
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37	
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37	
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37	
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37	
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37	
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37	
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37	
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37	
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37	
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37	
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37	
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37	
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37	
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37	
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37	
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37	
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37	
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37	
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37	
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37	
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37	
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37	
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37	
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37	
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37	
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37	
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37	
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37	
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37	
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37	
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37	
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37	
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37	
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37	
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37	
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37	
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37	
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37	
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37	
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37	
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37	
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37	
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37	
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37	
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37	
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37	
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37	
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37	
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37	
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37	
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37	
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37	
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37	
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37	
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37	
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37	
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37	
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37	
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37	
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37	
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37	
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37	
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37	
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37	
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37	
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37	
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37	
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37	
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37	
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37	
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37	
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37	
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37	
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37	
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37	
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37	
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37	
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37	
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37	
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37	
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37	
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37	
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37	
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37	
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37	
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37	
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37	
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37	
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37	
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37	
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37	
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37	
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37	
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37	
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37	
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37	
6.033	1.83	12.083	140.11	18.133	2.06			
6.050	1.83	12.100	140.11	18.150	2.06			

Max.Eff.Inten.(mm/hr)=	140.11	150.10	
over (min)	5.00	3.00	
Storage Coeff. (min)=	0.37 (ii)	2.09 (ii)	
Unit Hyd. Tpeak (min)=	5.00	3.00	
Unit Hyd. peak (cms)=	0.55	0.47	
			TOTALS
PEAK FLOW (cms)=	0.00	0.02	0.019 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	113.47	77.41	77.40
TOTAL RAINFALL (mm)=	114.47	114.47	114.47
RUNOFF COEFFICIENT =	0.99	0.68	0.68

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
NASHYD (0201)	Area (ha)=	2.54	Curve Number (CN)= 79.0
ID= 1 DT= 1.0 min	Ia (mm)=	6.35	# of Linear Res.(N)= 3.00
	U.H. Tp(hrs)=	0.11	

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06
0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06
0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06
0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06
1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06
1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37

100-yr 24hr SCS Type II

2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37
3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.26	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37
6.033	1.83	12.083	140.11	18.133	2.06		
6.050	1.83	12.100	140.11	18.150	2.06		

Unit Hyd Qpeak (cms)= 0.882

PEAK FLOW (cms)= 0.579 (i)
TIME TO PEAK (hrs)= 12.200
RUNOFF VOLUME (mm)= 55.563
TOTAL RAINFALL (mm)= 114.471
RUNOFF COEFFICIENT = 0.485

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB
STANDHYD (0202) | Area (ha)= 0.33
ID= 1 DT= 1.0 min | Total Imp(%)= 70.00 Dir. Conn.(%)= 30.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.23	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	30.00	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06

100-yr 24hr SCS Type II

0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06
0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06
0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06
1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06
1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37
2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37
3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37

100-yr 24hr SCS Type II

5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37
6.033	1.83	12.083	140.11	18.133	2.06		
6.050	1.83	12.100	140.11	18.150	2.06		

			TOTALS
Max.Eff.Inten.(mm/hr)=	140.11	296.02	
over (min)	5.00	4.00	
Storage Coeff. (min)=	1.08 (ii)	3.77 (ii)	
Unit Hyd. Tpeak (min)=	5.00	4.00	
Unit Hyd. peak (cms)=	0.46	0.29	
PEAK FLOW (cms)=	0.04	0.08	0.116 (iii)
TIME TO PEAK (hrs)=	12.17	12.17	12.17
RUNOFF VOLUME (mm)=	113.47	90.42	97.33
TOTAL RAINFALL (mm)=	114.47	114.47	114.47
RUNOFF COEFFICIENT =	0.99	0.79	0.85

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0210)	Area (ha)=	0.10	
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.08
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	5.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06
0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06
0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06
0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06
1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06
1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37
2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37

100-yr 24hr SCS Type II

3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37
3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37
6.033	1.83	12.083	140.11	18.133	2.06		
6.050	1.83	12.100	140.11	18.150	2.06		

Max.Eff.Inten.(mm/hr)=	140.11	150.10	
over (min)	5.00	2.00	
Storage Coeff. (min)=	0.37 (ii)	1.68 (ii)	
Unit Hyd. Tpeak (min)=	5.00	2.00	
Unit Hyd. peak (cms)=	0.55	0.62	
			TOTALS
PEAK FLOW (cms)=	0.00	0.03	0.032 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	113.47	77.41	77.41
TOTAL RAINFALL (mm)=	114.47	114.47	114.47
RUNOFF COEFFICIENT =	0.99	0.68	0.68

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0015)		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0201):		2.54	0.579	12.20	55.56
+ ID2= 2 (0202):		0.33	0.116	12.17	97.33
ID = 3 (0015):		2.87	0.687	12.18	70.09

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0015)		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
ID1= 3 (0015):		2.87	0.687	12.18	70.09
+ ID2= 2 (0210):		0.10	0.032	12.17	77.41
ID = 1 (0015):		2.97	0.715	12.18	70.34

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB				
STANDHYD (0206)		Area (ha)=	0.13	
ID= 1 DT= 1.0 min		Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06
0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06

100-yr 24hr SCS Type II

0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06
0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06
1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06
1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37
2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37
3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37

100-yr 24hr SCS Type II

5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37
6.033	1.83	12.083	140.11	18.133	2.06		
6.050	1.83	12.100	140.11	18.150	2.06		

Max.Eff.Inten.(mm/hr)=	140.11	150.10	
over (min)	5.00	4.00	
Storage Coeff. (min)=	0.37 (ii)	3.70 (ii)	
Unit Hyd. Tpeak (min)=	5.00	4.00	
Unit Hyd. peak (cms)=	0.55	0.30	
			TOTALS
PEAK FLOW (cms)=	0.00	0.04	0.039 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	113.47	77.41	77.40
TOTAL RAINFALL (mm)=	114.47	114.47	114.47
RUNOFF COEFFICIENT =	0.99	0.68	0.68

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB
STANDHYD (0207) | Area (ha)= 0.25
ID= 1 DT= 1.0 min | Total Imp(%)= 25.00 Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.19
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.00	6.067	1.83	12.117	140.11	18.17	2.06
0.033	0.00	6.083	1.83	12.133	140.11	18.18	2.06
0.050	0.00	6.100	1.83	12.150	140.11	18.20	2.06
0.067	0.00	6.117	1.83	12.167	140.11	18.22	2.06
0.083	0.00	6.133	1.83	12.183	16.59	18.23	2.06
0.100	0.00	6.150	1.83	12.200	16.48	18.25	2.06
0.117	0.00	6.167	1.83	12.217	16.48	18.27	2.06
0.133	0.00	6.183	2.06	12.233	16.48	18.28	2.06
0.150	0.00	6.200	2.06	12.250	16.48	18.30	2.06
0.167	0.00	6.217	2.06	12.267	16.48	18.32	2.06
0.183	1.26	6.233	2.06	12.283	16.48	18.33	2.06
0.200	1.26	6.250	2.06	12.300	16.48	18.35	2.06
0.217	1.26	6.267	2.06	12.317	16.48	18.37	2.06
0.233	1.26	6.283	2.06	12.333	16.48	18.38	2.06
0.250	1.26	6.300	2.06	12.350	16.48	18.40	2.06
0.267	1.26	6.317	2.06	12.367	16.48	18.42	2.06
0.283	1.26	6.333	2.06	12.383	16.48	18.43	2.06
0.300	1.26	6.350	2.06	12.400	16.48	18.45	2.06
0.317	1.26	6.367	2.06	12.417	16.48	18.47	2.06
0.333	1.26	6.383	2.06	12.433	16.48	18.48	2.06
0.350	1.26	6.400	2.06	12.450	16.48	18.50	2.06
0.367	1.26	6.417	2.06	12.467	16.48	18.52	2.06
0.383	1.26	6.433	2.06	12.483	16.48	18.53	2.06
0.400	1.26	6.450	2.06	12.500	16.48	18.55	2.06
0.417	1.26	6.467	2.06	12.517	16.48	18.57	2.06
0.433	1.26	6.483	2.06	12.533	16.48	18.58	2.06
0.450	1.26	6.500	2.06	12.550	16.48	18.60	2.06
0.467	1.26	6.517	2.06	12.567	16.48	18.62	2.06
0.483	1.26	6.533	2.06	12.583	16.48	18.63	2.06
0.500	1.26	6.550	2.06	12.600	16.48	18.65	2.06
0.517	1.26	6.567	2.06	12.617	16.48	18.67	2.06
0.533	1.26	6.583	2.06	12.633	16.48	18.68	2.06
0.550	1.26	6.600	2.06	12.650	16.48	18.70	2.06
0.567	1.26	6.617	2.06	12.667	16.48	18.72	2.06
0.583	1.26	6.633	2.06	12.683	8.48	18.73	2.06
0.600	1.26	6.650	2.06	12.700	8.47	18.75	2.06
0.617	1.26	6.667	2.06	12.717	8.47	18.77	2.06
0.633	1.26	6.683	2.06	12.733	8.47	18.78	2.06
0.650	1.26	6.700	2.06	12.750	8.47	18.80	2.06
0.667	1.26	6.717	2.06	12.767	8.47	18.82	2.06
0.683	1.26	6.733	2.06	12.783	8.47	18.83	2.06
0.700	1.26	6.750	2.06	12.800	8.47	18.85	2.06
0.717	1.26	6.767	2.06	12.817	8.47	18.87	2.06
0.733	1.26	6.783	2.06	12.833	8.47	18.88	2.06
0.750	1.26	6.800	2.06	12.850	8.47	18.90	2.06
0.767	1.26	6.817	2.06	12.867	8.47	18.92	2.06
0.783	1.26	6.833	2.06	12.883	8.47	18.93	2.06
0.800	1.26	6.850	2.06	12.900	8.47	18.95	2.06
0.817	1.26	6.867	2.06	12.917	8.47	18.97	2.06
0.833	1.26	6.883	2.06	12.933	8.47	18.98	2.06
0.850	1.26	6.900	2.06	12.950	8.47	19.00	2.06
0.867	1.26	6.917	2.06	12.967	8.47	19.02	2.06
0.883	1.26	6.933	2.06	12.983	8.47	19.03	2.06
0.900	1.26	6.950	2.06	13.000	8.47	19.05	2.06
0.917	1.26	6.967	2.06	13.017	8.47	19.07	2.06
0.933	1.26	6.983	2.06	13.033	8.47	19.08	2.06
0.950	1.26	7.000	2.06	13.050	8.47	19.10	2.06
0.967	1.26	7.017	2.06	13.067	8.47	19.12	2.06
0.983	1.26	7.033	2.06	13.083	8.47	19.13	2.06
1.000	1.26	7.050	2.06	13.100	8.47	19.15	2.06
1.017	1.26	7.067	2.06	13.117	8.47	19.17	2.06
1.033	1.26	7.083	2.06	13.133	8.47	19.18	2.06
1.050	1.26	7.100	2.06	13.150	8.47	19.20	2.06
1.067	1.26	7.117	2.06	13.167	8.47	19.22	2.06
1.083	1.26	7.133	2.06	13.183	6.19	19.23	2.06
1.100	1.26	7.150	2.06	13.200	6.18	19.25	2.06
1.117	1.26	7.167	2.06	13.217	6.18	19.27	2.06
1.133	1.26	7.183	2.52	13.233	6.18	19.28	2.06
1.150	1.26	7.200	2.52	13.250	6.18	19.30	2.06
1.167	1.26	7.217	2.52	13.267	6.18	19.32	2.06
1.183	1.26	7.233	2.52	13.283	6.18	19.33	2.06
1.200	1.26	7.250	2.52	13.300	6.18	19.35	2.06
1.217	1.26	7.267	2.52	13.317	6.18	19.37	2.06
1.233	1.26	7.283	2.52	13.333	6.18	19.38	2.06
1.250	1.26	7.300	2.52	13.350	6.18	19.40	2.06
1.267	1.26	7.317	2.52	13.367	6.18	19.42	2.06
1.283	1.26	7.333	2.52	13.383	6.18	19.43	2.06
1.300	1.26	7.350	2.52	13.400	6.18	19.45	2.06
1.317	1.26	7.367	2.52	13.417	6.18	19.47	2.06
1.333	1.26	7.383	2.52	13.433	6.18	19.48	2.06
1.350	1.26	7.400	2.52	13.450	6.18	19.50	2.06
1.367	1.26	7.417	2.52	13.467	6.18	19.52	2.06
1.383	1.26	7.433	2.52	13.483	6.18	19.53	2.06
1.400	1.26	7.450	2.52	13.500	6.18	19.55	2.06
1.417	1.26	7.467	2.52	13.517	6.18	19.57	2.06
1.433	1.26	7.483	2.52	13.533	6.18	19.58	2.06
1.450	1.26	7.500	2.52	13.550	6.18	19.60	2.06
1.467	1.26	7.517	2.52	13.567	6.18	19.62	2.06
1.483	1.26	7.533	2.52	13.583	6.18	19.63	2.06
1.500	1.26	7.550	2.52	13.600	6.18	19.65	2.06
1.517	1.26	7.567	2.52	13.617	6.18	19.67	2.06
1.533	1.26	7.583	2.52	13.633	6.18	19.68	2.06
1.550	1.26	7.600	2.52	13.650	6.18	19.70	2.06
1.567	1.26	7.617	2.52	13.667	6.18	19.72	2.06
1.583	1.26	7.633	2.52	13.683	4.81	19.73	2.06
1.600	1.26	7.650	2.52	13.700	4.81	19.75	2.06
1.617	1.26	7.667	2.52	13.717	4.81	19.77	2.06
1.633	1.26	7.683	2.52	13.733	4.81	19.78	2.06
1.650	1.26	7.700	2.52	13.750	4.81	19.80	2.06
1.667	1.26	7.717	2.52	13.767	4.81	19.82	2.06
1.683	1.26	7.733	2.52	13.783	4.81	19.83	2.06
1.700	1.26	7.750	2.52	13.800	4.81	19.85	2.06
1.717	1.26	7.767	2.52	13.817	4.81	19.87	2.06
1.733	1.26	7.783	2.52	13.833	4.81	19.88	2.06
1.750	1.26	7.800	2.52	13.850	4.81	19.90	2.06
1.767	1.26	7.817	2.52	13.867	4.81	19.92	2.06
1.783	1.26	7.833	2.52	13.883	4.81	19.93	2.06
1.800	1.26	7.850	2.52	13.900	4.81	19.95	2.06
1.817	1.26	7.867	2.52	13.917	4.81	19.97	2.06
1.833	1.26	7.883	2.52	13.933	4.81	19.98	2.06
1.850	1.26	7.900	2.52	13.950	4.81	20.00	2.06
1.867	1.26	7.917	2.52	13.967	4.81	20.02	2.06
1.883	1.26	7.933	2.52	13.983	4.81	20.03	2.06
1.900	1.26	7.950	2.52	14.000	4.81	20.05	2.06
1.917	1.26	7.967	2.52	14.017	4.81	20.07	2.06
1.933	1.26	7.983	2.52	14.033	4.81	20.08	2.06
1.950	1.26	8.000	2.52	14.050	4.81	20.10	2.06
1.967	1.26	8.017	2.52	14.067	4.81	20.12	2.06
1.983	1.26	8.033	2.52	14.083	4.81	20.13	2.06
2.000	1.26	8.050	2.52	14.100	4.81	20.15	2.06
2.017	1.26	8.067	2.52	14.117	4.81	20.17	2.06
2.033	1.26	8.083	2.52	14.133	4.81	20.18	1.38
2.050	1.26	8.100	2.52	14.150	4.81	20.20	1.37
2.067	1.26	8.117	2.52	14.167	4.81	20.22	1.37
2.083	1.26	8.133	2.52	14.183	3.44	20.23	1.37
2.100	1.26	8.150	2.52	14.200	3.43	20.25	1.37
2.117	1.26	8.167	2.52	14.217	3.43	20.27	1.37
2.133	1.26	8.183	2.98	14.233	3.43	20.28	1.37
2.150	1.26	8.200	2.98	14.250	3.43	20.30	1.37
2.167	1.26	8.217	2.98	14.267	3.43	20.32	1.37
2.183	1.49	8.233	2.98	14.283	3.43	20.33	1.37
2.200	1.49	8.250	2.98	14.300	3.43	20.35	1.37
2.217	1.49	8.267	2.98	14.317	3.43	20.37	1.37
2.233	1.49	8.283	2.98	14.333	3.43	20.38	1.37
2.250	1.49	8.300	2.98	14.350	3.43	20.40	1.37
2.267	1.49	8.317	2.98	14.367	3.43	20.42	1.37
2.283	1.49	8.333	2.98	14.383	3.43	20.43	1.37
2.300	1.49	8.350	2.98	14.400	3.43	20.45	1.37
2.317	1.49	8.367	2.98	14.417	3.43	20.47	1.37
2.333	1.49	8.383	2.98	14.433	3.43	20.48	1.37
2.350	1.49	8.400	2.98	14.450	3.43	20.50	1.37
2.367	1.49	8.417	2.98	14.467	3.43	20.52	1.37
2.383	1.49	8.433	2.98	14.483	3.43	20.53	1.37
2.400	1.49	8.450	2.98	14.500	3.43	20.55	1.37
2.417	1.49	8.467	2.98	14.517	3.43	20.57	1.37
2.433	1.49	8.483	2.98	14.533	3.43	20.58	1.37
2.450	1.49	8.500	2.98	14.550	3.43	20.60	1.37
2.467	1.49	8.517	2.98	14.567	3.43	20.62	1.37
2.483	1.49	8.533	2.98	14.583	3.43	20.63	1.37
2.500	1.49	8.550	2.98	14.600	3.43	20.65	1.37
2.517	1.49	8.567	2.98	14.617	3.43	20.67	1.37
2.533	1.49	8.583	2.98	14.633	3.43	20.68	1.37
2.550	1.49	8.600	2.98	14.650	3.43	20.70	1.37
2.567	1.49	8.617	2.98	14.667	3.43	20.72	1.37
2.583	1.49	8.633	2.98	14.683	3.43	20.73	1.37
2.600	1.49	8.650	2.98	14.700	3.43	20.75	1.37
2.617	1.49	8.667	2.98	14.717	3.43	20.77	1.37
2.633	1.49	8.683	3.21	14.733	3.43	20.78	1.37
2.650	1.49	8.700	3.21	14.750	3.43	20.80	1.37
2.667	1.49	8.717	3.21	14.767	3.43	20.82	1.37
2.683	1.49	8.733	3.21	14.783	3.43	20.83	1.37
2.700	1.49	8.750	3.21	14.800	3.43	20.85	1.37
2.717	1.49	8.767	3.21	14.817	3.43	20.87	1.37
2.733	1.49	8.783	3.21	14.833	3.43	20.88	1.37
2.750	1.49	8.800	3.21	14.850	3.43	20.90	1.37
2.767	1.49	8.817	3.21	14.867	3.43	20.92	1.37
2.783	1.49	8.833	3.21	14.883	3.43	20.93	1.37
2.800	1.49	8.850	3.21	14.900	3.43	20.95	1.37
2.817	1.49	8.867	3.21	14.917	3.43	20.97	1.37
2.833	1.49	8.883	3.21	14.933	3.43	20.98	1.37
2.850	1.49	8.900	3.21	14.950	3.43	21.00	1.37
2.867	1.49	8.917	3.21	14.967	3.43	21.02	1.37
2.883	1.49	8.933	3.21	14.983	3.43	21.03	1.37
2.900	1.49	8.950	3.21	15.000	3.43	21.05	1.37
2.917	1.49	8.967	3.21	15.017	3.43	21.07	1.37
2.933	1.49	8.983	3.21	15.033	3.43	21.08	1.37
2.950	1.49	9.000	3.21	15.050	3.43	21.10	1.37
2.967	1.49	9.017	3.21	15.067	3.43	21.12	1.37
2.983	1.49	9.033	3.21	15.083	3.43	21.13	1.37
3.000	1.49	9.050	3.21	15.100	3.43	21.15	1.37
3.017	1.49	9.067	3.21	15.117	3.43	21.17	1.37
3.033	1.49	9.083	3.21	15.133	3.43	21.18	1.37
3.050	1.49	9.100	3.21	15.150	3.43	21.20	1.37
3.067	1.49	9.117	3.21	15.167	3.43	21.22	1.37
3.083	1.49	9.133	3.21	15.183	3.43	21.23	1.37
3.100	1.49	9.150	3.21	15.200	3.43	21.25	1.37
3.117	1.49	9.167	3.21	15.217	3.43	21.27	1.37
3.133	1.49	9.183	3.66	15.233	3.43	21.28	1.37
3.150	1.49	9.200	3.66	15.250	3.43	21.30	1.37
3.167	1.49	9.217	3.66	15.267	3.43	21.32	1.37
3.183	1.49	9.233	3.66	15.283	3.43	21.33	1.37
3.200	1.49	9.250	3.66	15.300	3.43	21.35	1.37
3.217	1.49	9.267	3.66	15.317	3.43	21.37	1.37
3.233	1.49	9.283	3.66	15.333	3.43	21.38	1.37
3.250	1.49	9.300	3.66	15.350	3.43	21.40	1.37
3.267	1.49	9.317	3.66	15.367	3.43	21.42	1.37
3.283	1.49	9.333	3.66	15.383	3.43	21.43	1.37
3.300	1.49	9.350	3.66	15.400	3.43	21.45	1.37
3.317	1.49	9.367	3.66	15.417	3.43	21.47	1.37
3.333	1.49	9.383	3.66	15.433	3.43	21.48	1.37
3.350	1.49	9.400	3.66	15.450	3.43	21.50	1.37
3.367	1.49	9.417	3.66	15.467	3.43	21.52	1.37
3.383	1.49	9.433	3.66	15.483	3.43	21.53	1.37
3.400	1.49	9.450	3.66	15.500	3.43	21.55	1.37
3.417	1.49	9.467	3.66	15.517	3.43	21.57	1.37
3.433	1.49	9.483	3.66	15.533	3.43	21.58	1.37
3.450	1.49	9.500	3.66	15.550	3.43	21.60	1.37
3.467	1.49	9.517	3.66	15.567	3.43	21.62	1.37
3.483	1.49	9.533	3.66	15.583	3.43	21.63	1.37
3.500	1.49	9.550	3.66	15.600	3.43	21.65	1.37
3.517	1.49	9.567	3.66	15.617	3.43	21.67	1.37
3.533	1.49	9.583	3.66	15.633	3.43	21.68	1.37
3.550	1.49	9.600	3.66	15.650	3.43	21.70	1.37
3.567	1.49	9.617	3.66	15.667	3.43	21.72	1.37
3.583	1.49	9.633	3.66	15.683	3.43	21.73	1.37
3.600	1.49	9.650	3.66	15.700	3.43	21.75	1.37

100-yr 24hr SCS Type II

3.617	1.49	9.667	3.66	15.717	3.43	21.77	1.37
3.633	1.49	9.683	4.12	15.733	3.43	21.78	1.37
3.650	1.49	9.700	4.12	15.750	3.43	21.80	1.37
3.667	1.49	9.717	4.12	15.767	3.43	21.82	1.37
3.683	1.49	9.733	4.12	15.783	3.43	21.83	1.37
3.700	1.49	9.750	4.12	15.800	3.43	21.85	1.37
3.717	1.49	9.767	4.12	15.817	3.43	21.87	1.37
3.733	1.49	9.783	4.12	15.833	3.43	21.88	1.37
3.750	1.49	9.800	4.12	15.850	3.43	21.90	1.37
3.767	1.49	9.817	4.12	15.867	3.43	21.92	1.37
3.783	1.49	9.833	4.12	15.883	3.43	21.93	1.37
3.800	1.49	9.850	4.12	15.900	3.43	21.95	1.37
3.817	1.49	9.867	4.12	15.917	3.43	21.97	1.37
3.833	1.49	9.883	4.12	15.933	3.43	21.98	1.37
3.850	1.49	9.900	4.12	15.950	3.43	22.00	1.37
3.867	1.49	9.917	4.12	15.967	3.43	22.02	1.37
3.883	1.49	9.933	4.12	15.983	3.43	22.03	1.37
3.900	1.49	9.950	4.12	16.000	3.43	22.05	1.37
3.917	1.49	9.967	4.12	16.017	3.43	22.07	1.37
3.933	1.49	9.983	4.12	16.033	3.43	22.08	1.37
3.950	1.49	10.000	4.12	16.050	3.43	22.10	1.37
3.967	1.49	10.017	4.12	16.067	3.43	22.12	1.37
3.983	1.49	10.033	4.12	16.083	3.43	22.13	1.37
4.000	1.49	10.050	4.12	16.100	3.43	22.15	1.37
4.017	1.49	10.067	4.12	16.117	3.43	22.17	1.37
4.033	1.49	10.083	4.12	16.133	3.43	22.18	1.37
4.050	1.49	10.100	4.12	16.150	3.43	22.20	1.37
4.067	1.49	10.117	4.12	16.167	3.43	22.22	1.37
4.083	1.49	10.133	4.12	16.183	2.07	22.23	1.37
4.100	1.49	10.150	4.12	16.200	2.06	22.25	1.37
4.117	1.49	10.167	4.12	16.217	2.06	22.27	1.37
4.133	1.49	10.183	5.27	16.233	2.06	22.28	1.37
4.150	1.49	10.200	5.27	16.250	2.06	22.30	1.37
4.167	1.49	10.217	5.27	16.267	2.06	22.32	1.37
4.183	1.83	10.233	5.27	16.283	2.06	22.33	1.37
4.200	1.83	10.250	5.27	16.300	2.06	22.35	1.37
4.217	1.83	10.267	5.27	16.317	2.06	22.37	1.37
4.233	1.83	10.283	5.27	16.333	2.06	22.38	1.37
4.250	1.83	10.300	5.27	16.350	2.06	22.40	1.37
4.267	1.83	10.317	5.27	16.367	2.06	22.42	1.37
4.283	1.83	10.333	5.27	16.383	2.06	22.43	1.37
4.300	1.83	10.350	5.27	16.400	2.06	22.45	1.37
4.317	1.83	10.367	5.27	16.417	2.06	22.47	1.37
4.333	1.83	10.383	5.27	16.433	2.06	22.48	1.37
4.350	1.83	10.400	5.27	16.450	2.06	22.50	1.37
4.367	1.83	10.417	5.27	16.467	2.06	22.52	1.37
4.383	1.83	10.433	5.27	16.483	2.06	22.53	1.37
4.400	1.83	10.450	5.27	16.500	2.06	22.55	1.37
4.417	1.83	10.467	5.27	16.517	2.06	22.57	1.37
4.433	1.83	10.483	5.27	16.533	2.06	22.58	1.37
4.450	1.83	10.500	5.27	16.550	2.06	22.60	1.37
4.467	1.83	10.517	5.27	16.567	2.06	22.62	1.37
4.483	1.83	10.533	5.27	16.583	2.06	22.63	1.37
4.500	1.83	10.550	5.27	16.600	2.06	22.65	1.37
4.517	1.83	10.567	5.27	16.617	2.06	22.67	1.37
4.533	1.83	10.583	5.27	16.633	2.06	22.68	1.37
4.550	1.83	10.600	5.27	16.650	2.06	22.70	1.37
4.567	1.83	10.617	5.27	16.667	2.06	22.72	1.37
4.583	1.83	10.633	5.27	16.683	2.06	22.73	1.37
4.600	1.83	10.650	5.27	16.700	2.06	22.75	1.37
4.617	1.83	10.667	5.27	16.717	2.06	22.77	1.37
4.633	1.83	10.683	7.10	16.733	2.06	22.78	1.37
4.650	1.83	10.700	7.10	16.750	2.06	22.80	1.37
4.667	1.83	10.717	7.10	16.767	2.06	22.82	1.37
4.683	1.83	10.733	7.10	16.783	2.06	22.83	1.37
4.700	1.83	10.750	7.10	16.800	2.06	22.85	1.37
4.717	1.83	10.767	7.10	16.817	2.06	22.87	1.37
4.733	1.83	10.783	7.10	16.833	2.06	22.88	1.37
4.750	1.83	10.800	7.10	16.850	2.06	22.90	1.37
4.767	1.83	10.817	7.10	16.867	2.06	22.92	1.37
4.783	1.83	10.833	7.10	16.883	2.06	22.93	1.37
4.800	1.83	10.850	7.10	16.900	2.06	22.95	1.37
4.817	1.83	10.867	7.10	16.917	2.06	22.97	1.37
4.833	1.83	10.883	7.10	16.933	2.06	22.98	1.37
4.850	1.83	10.900	7.10	16.950	2.06	23.00	1.37
4.867	1.83	10.917	7.10	16.967	2.06	23.02	1.37
4.883	1.83	10.933	7.10	16.983	2.06	23.03	1.37
4.900	1.83	10.950	7.10	17.000	2.06	23.05	1.37
4.917	1.83	10.967	7.10	17.017	2.06	23.07	1.37
4.933	1.83	10.983	7.10	17.033	2.06	23.08	1.37
4.950	1.83	11.000	7.10	17.050	2.06	23.10	1.37
4.967	1.83	11.017	7.10	17.067	2.06	23.12	1.37
4.983	1.83	11.033	7.10	17.083	2.06	23.13	1.37
5.000	1.83	11.050	7.10	17.100	2.06	23.15	1.37
5.017	1.83	11.067	7.10	17.117	2.06	23.17	1.37
5.033	1.83	11.083	7.10	17.133	2.06	23.18	1.37
5.050	1.83	11.100	7.10	17.150	2.06	23.20	1.37
5.067	1.83	11.117	7.10	17.167	2.06	23.22	1.37
5.083	1.83	11.133	7.10	17.183	2.06	23.23	1.37
5.100	1.83	11.150	7.10	17.200	2.06	23.25	1.37
5.117	1.83	11.167	7.10	17.217	2.06	23.27	1.37
5.133	1.83	11.183	10.99	17.233	2.06	23.28	1.37
5.150	1.83	11.200	10.99	17.250	2.06	23.30	1.37
5.167	1.83	11.217	10.99	17.267	2.06	23.32	1.37
5.183	1.83	11.233	10.99	17.283	2.06	23.33	1.37
5.200	1.83	11.250	10.99	17.300	2.06	23.35	1.37
5.217	1.83	11.267	10.99	17.317	2.06	23.37	1.37
5.233	1.83	11.283	10.99	17.333	2.06	23.38	1.37
5.250	1.83	11.300	10.99	17.350	2.06	23.40	1.37
5.267	1.83	11.317	10.99	17.367	2.06	23.42	1.37
5.283	1.83	11.333	10.99	17.383	2.06	23.43	1.37
5.300	1.83	11.350	10.99	17.400	2.06	23.45	1.37
5.317	1.83	11.367	10.99	17.417	2.06	23.47	1.37
5.333	1.83	11.383	10.99	17.433	2.06	23.48	1.37
5.350	1.83	11.400	10.99	17.450	2.06	23.50	1.37
5.367	1.83	11.417	10.99	17.467	2.06	23.52	1.37
5.383	1.83	11.433	10.99	17.483	2.06	23.53	1.37
5.400	1.83	11.450	10.99	17.500	2.06	23.55	1.37
5.417	1.83	11.467	10.99	17.517	2.06	23.57	1.37
5.433	1.83	11.483	10.99	17.533	2.06	23.58	1.37
5.450	1.83	11.500	10.99	17.550	2.06	23.60	1.37
5.467	1.83	11.517	10.99	17.567	2.06	23.62	1.37
5.483	1.83	11.533	10.99	17.583	2.06	23.63	1.37
5.500	1.83	11.550	10.99	17.600	2.06	23.65	1.37
5.517	1.83	11.567	10.99	17.617	2.06	23.67	1.37
5.533	1.83	11.583	10.99	17.633	2.06	23.68	1.37
5.550	1.83	11.600	10.99	17.650	2.06	23.70	1.37
5.567	1.83	11.617	10.99	17.667	2.06	23.72	1.37
5.583	1.83	11.633	10.99	17.683	2.06	23.73	1.37
5.600	1.83	11.650	10.99	17.700	2.06	23.75	1.37
5.617	1.83	11.667	10.99	17.717	2.06	23.77	1.37
5.633	1.83	11.683	33.87	17.733	2.06	23.78	1.37
5.650	1.83	11.700	33.88	17.750	2.06	23.80	1.37
5.667	1.83	11.717	33.88	17.767	2.06	23.82	1.37
5.683	1.83	11.733	33.88	17.783	2.06	23.83	1.37
5.700	1.83	11.750	33.88	17.800	2.06	23.85	1.37
5.717	1.83	11.767	33.88	17.817	2.06	23.87	1.37
5.733	1.83	11.783	33.88	17.833	2.06	23.88	1.37
5.750	1.83	11.800	33.88	17.850	2.06	23.90	1.37
5.767	1.83	11.817	33.88	17.867	2.06	23.92	1.37
5.783	1.83	11.833	33.88	17.883	2.06	23.93	1.37
5.800	1.83	11.850	86.97	17.900	2.06	23.95	1.37
5.817	1.83	11.867	87.00	17.917	2.06	23.97	1.37
5.833	1.83	11.883	87.00	17.933	2.06	23.98	1.37
5.850	1.83	11.900	87.00	17.950	2.06	24.00	1.37
5.867	1.83	11.917	87.00	17.967	2.06	24.02	1.37
5.883	1.83	11.933	87.00	17.983	2.06	24.03	1.37
5.900	1.83	11.950	87.00	18.000	2.06	24.05	1.37
5.917	1.83	11.967	87.00	18.017	2.06	24.07	1.37
5.933	1.83	11.983	87.00	18.033	2.06	24.08	1.37
5.950	1.83	12.000	87.00	18.050	2.06	24.10	1.37
5.967	1.83	12.017	140.07	18.067	2.06	24.12	1.37
5.983	1.83	12.033	140.11	18.083	2.06	24.13	1.37
6.000	1.83	12.050	140.11	18.100	2.06	24.15	1.37
6.017	1.83	12.067	140.11	18.117	2.06	24.17	1.37
6.033	1.83	12.083	140.11	18.133	2.06		
6.050	1.83	12.100	140.11	18.150	2.06		

Max.Eff.Inten.(mm/hr)=	140.11	150.10	
over (min)	5.00	4.00	
Storage Coeff. (min)=	0.37 (ii)	3.70 (ii)	
Unit Hyd. Tpeak (min)=	5.00	4.00	
Unit Hyd. peak (cms)=	0.55	0.30	
			TOTALS
PEAK FLOW (cms)=	0.00	0.07	0.075 (iii)
TIME TO PEAK (hrs)=	12.12	12.17	12.17
RUNOFF VOLUME (mm)=	113.48	77.41	77.41
TOTAL RAINFALL (mm)=	114.47	114.47	114.47
RUNOFF COEFFICIENT =	0.99	0.68	0.68

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0026)				
1 + 2 = 3	AREA	QPEAK	TPEAK	R.V.
	(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0206):	0.13	0.039	12.17	77.40
+ ID2= 2 (0207):	0.25	0.075	12.17	77.41
ID = 3 (0026):	0.38	0.114	12.17	77.41

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

25mm 4hr Chicago WQ Storm

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================================================================================
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      V    V   I    SSSSS  U   U    A    L                  (v 6.2.2015)
      V    V   I    SS     U   U   A A   L
       V  V    I     SS    U   U  AAAAA  L
       V  V    I      SS   U   U  A   A  L
        VV     I    SSSSS  UUUUU  A   A  LLLLL

       OOO   TTTTT  TTTTT  H   H  Y   Y  M   M   OOO    TM
      O   O    T      T    H   H   Y Y   MM MM  O   O
      O   O    T      T    H   H    Y    M   M  O   O
       OOO     T      T    H   H    Y    M   M   OOO
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                  *****  D E T A I L E D   O U T P U T  *****


  Input   filename: C:\Program Files (x86)\Visual OTTHYMO 6.2\VO2\voin.dat
  Output  filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\edf01033-6015-4f1a-b075-5e6e00a7f61a\scen
  Summary filename: C:\Users\SAhonen\AppData\Local\Civica\VH5\35c3f4b5-da77-4180-893e-
ce77d50d004a\edf01033-6015-4f1a-b075-5e6e00a7f61a\scen

DATE: 11/01/2023                          TIME: 04:20:51

USER:


COMMENTS: _____

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  ********************************************
  ** SIMULATION : 25mm 4hr 5min Chicago WQ stor **
  ********************************************

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| CHICAGO STORM    |    IDF curve parameters: A= 141.350
| Ptotal=  9.33 mm |                          B=   5.200
--------------------                          C=   0.746
                       used in:   INTENSITY =  A / (t + B)^C

                       Duration of storm  =  4.00 hrs
                       Storm time step    =  5.00 min
                       Time to peak ratio =  0.46

      TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
       hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
      0.00    0.66 |  1.00    1.30 |   2.00    3.86 |  3.00    0.97
      0.08    0.68 |  1.08    1.44 |   2.08    2.98 |  3.08    0.92
      0.17    0.71 |  1.17    1.61 |   2.17    2.45 |  3.17    0.88
      0.25    0.74 |  1.25    1.84 |   2.25    2.09 |  3.25    0.84
      0.33    0.78 |  1.33    2.16 |   2.33    1.83 |  3.33    0.80
      0.42    0.81 |  1.42    2.63 |   2.42    1.63 |  3.42    0.77
      0.50    0.86 |  1.50    3.42 |   2.50    1.48 |  3.50    0.74
      0.58    0.91 |  1.58    5.00 |   2.58    1.36 |  3.58    0.72
      0.67    0.96 |  1.67    9.74 |   2.67    1.25 |  3.67    0.69
      0.75    1.03 |  1.75   25.00 |   2.75    1.17 |  3.75    0.67
      0.83    1.10 |  1.83   10.28 |   2.83    1.09 |  3.83    0.65
      0.92    1.19 |  1.92    5.56 |   2.92    1.03 |  3.92    0.63

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--------------------
| CALIB            |
| STANDHYD (  0204)|   Area     (ha)=  16.91
|ID= 1 DT= 1.0 min |   Total Imp(%)=  75.00   Dir. Conn.(%)=  37.50
--------------------

                         IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=    12.68          4.23
     Dep. Storage     (mm)=     1.00          5.00
     Average Slope     (%)=     2.00          2.00
     Length            (m)=   40.00         30.00
     Mannings n            =    0.013         0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.

                        ---- TRANSFORMED HYETOGRAPH ----
      TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
       hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
     0.017    0.66 | 1.017    1.30 | 2.017    3.86 |  3.02    0.97
     0.033    0.66 | 1.033    1.30 | 2.033    3.86 |  3.03    0.97
     0.050    0.66 | 1.050    1.30 | 2.050    3.86 |  3.05    0.97
     0.067    0.66 | 1.067    1.30 | 2.067    3.86 |  3.07    0.97
     0.083    0.66 | 1.083    1.30 | 2.083    3.86 |  3.08    0.97
     0.100    0.68 | 1.100    1.44 | 2.100    2.98 |  3.10    0.92
     0.117    0.68 | 1.117    1.44 | 2.117    2.98 |  3.12    0.92
     0.133    0.68 | 1.133    1.44 | 2.133    2.98 |  3.13    0.92
     0.150    0.68 | 1.150    1.44 | 2.150    2.98 |  3.15    0.92
     0.167    0.68 | 1.167    1.44 | 2.167    2.98 |  3.17    0.92
     0.183    0.71 | 1.183    1.61 | 2.183    2.45 |  3.18    0.88
     0.200    0.71 | 1.200    1.61 | 2.200    2.45 |  3.20    0.88
     0.217    0.71 | 1.217    1.61 | 2.217    2.45 |  3.22    0.88
     0.233    0.71 | 1.233    1.61 | 2.233    2.45 |  3.23    0.88
     0.250    0.71 | 1.250    1.61 | 2.250    2.45 |  3.25    0.88
     0.267    0.74 | 1.267    1.84 | 2.267    2.09 |  3.27    0.84
     0.283    0.74 | 1.283    1.84 | 2.283    2.09 |  3.28    0.84
     0.300    0.74 | 1.300    1.84 | 2.300    2.09 |  3.30    0.84
     0.317    0.74 | 1.317    1.84 | 2.317    2.09 |  3.32    0.84
     0.333    0.74 | 1.333    1.84 | 2.333    2.09 |  3.33    0.84
     0.350    0.78 | 1.350    2.16 | 2.350    1.83 |  3.35    0.80
     0.367    0.78 | 1.367    2.16 | 2.367    1.83 |  3.37    0.80
     0.383    0.78 | 1.383    2.16 | 2.383    1.83 |  3.38    0.80
     0.400    0.78 | 1.400    2.16 | 2.400    1.83 |  3.40    0.80
     0.417    0.78 | 1.417    2.16 | 2.417    1.83 |  3.42    0.80
     0.433    0.81 | 1.433    2.63 | 2.433    1.63 |  3.43    0.77
     0.450    0.81 | 1.450    2.63 | 2.450    1.63 |  3.45    0.77
     0.467    0.81 | 1.467    2.63 | 2.467    1.63 |  3.47    0.77
     0.483    0.81 | 1.483    2.63 | 2.483    1.63 |  3.48    0.77
     0.500    0.81 | 1.500    2.63 | 2.500    1.63 |  3.50    0.77
     0.517    0.86 | 1.517    3.42 | 2.517    1.48 |  3.52    0.74
     0.533    0.86 | 1.533    3.42 | 2.533    1.48 |  3.53    0.74
     0.550    0.86 | 1.550    3.42 | 2.550    1.48 |  3.55    0.74
     0.567    0.86 | 1.567    3.42 | 2.567    1.48 |  3.57    0.74
     0.583    0.86 | 1.583    3.42 | 2.583    1.48 |  3.58    0.74
     0.600    0.91 | 1.600    5.00 | 2.600    1.36 |  3.60    0.72
     0.617    0.91 | 1.617    5.00 | 2.617    1.36 |  3.62    0.72
     0.633    0.91 | 1.633    5.00 | 2.633    1.36 |  3.63    0.72
     0.650    0.91 | 1.650    5.00 | 2.650    1.36 |  3.65    0.72
     0.667    0.91 | 1.667    5.00 | 2.667    1.36 |  3.67    0.72
     0.683    0.96 | 1.683    9.74 | 2.683    1.25 |  3.68    0.69
     0.700    0.96 | 1.700    9.74 | 2.700    1.25 |  3.70    0.69
     0.717    0.96 | 1.717    9.74 | 2.717    1.25 |  3.72    0.69
     0.733    0.96 | 1.733    9.74 | 2.733    1.25 |  3.73    0.69
     0.750    0.96 | 1.750    9.74 | 2.750    1.25 |  3.75    0.69
     0.767    1.03 | 1.767   25.00 | 2.767    1.17 |  3.77    0.67
     0.783    1.03 | 1.783   25.00 | 2.783    1.17 |  3.78    0.67
     0.800    1.03 | 1.800   25.00 | 2.800    1.17 |  3.80    0.67
     0.817    1.03 | 1.817   25.00 | 2.817    1.17 |  3.82    0.67
     0.833    1.03 | 1.833   25.00 | 2.833    1.17 |  3.83    0.67
     0.850    1.10 | 1.850   10.28 | 2.850    1.09 |  3.85    0.65
     0.867    1.10 | 1.867   10.28 | 2.867    1.09 |  3.87    0.65
     0.883    1.10 | 1.883   10.28 | 2.883    1.09 |  3.88    0.65
     0.900    1.10 | 1.900   10.28 | 2.900    1.09 |  3.90    0.65
     0.917    1.10 | 1.917   10.28 | 2.917    1.09 |  3.92    0.65
     0.933    1.19 | 1.933    5.56 | 2.933    1.03 |  3.93    0.63
     0.950    1.19 | 1.950    5.56 | 2.950    1.03 |  3.95    0.63
     0.967    1.19 | 1.967    5.56 | 2.967    1.03 |  3.97    0.63
     0.983    1.19 | 1.983    5.56 | 2.983    1.03 |  3.98    0.63
     1.000    1.19 | 2.000    5.56 | 3.000    1.03 |  4.00    0.63

     Max.Eff.Inten.(mm/hr)=      25.00          8.15
               over (min)          5.00         11.00
     Storage Coeff.  (min)=       2.09 (ii)    10.88 (ii)
     Unit Hyd. Tpeak (min)=       5.00         11.00
     Unit Hyd. peak  (cms)=       0.37          0.10
                                                          *TOTALS*
     PEAK FLOW       (cms)=       0.37          0.06          0.392 (iii)
     TIME TO PEAK    (hrs)=       1.87          2.03          1.87
     RUNOFF VOLUME    (mm)=       8.33          1.64          4.15
     TOTAL RAINFALL   (mm)=       9.33          9.33          9.33
     RUNOFF COEFFICIENT   =       0.89          0.18          0.44


       (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
            CN*  =  80.0    Ia = Dep. Storage  (Above)
      (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
           THAN THE STORAGE COEFFICIENT.
     (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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--------------------
| CALIB            |
| STANDHYD (  0211)|   Area     (ha)=   0.18
|ID= 1 DT= 1.0 min |   Total Imp(%)=  70.00   Dir. Conn.(%)=  35.00
--------------------

                         IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=     0.13          0.05
     Dep. Storage     (mm)=     1.00          2.80
     Average Slope     (%)=     1.00          2.00
     Length            (m)=    34.64         10.00
     Mannings n            =    0.013         0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.

                        ---- TRANSFORMED HYETOGRAPH ----
      TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
       hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
     0.017    0.66 | 1.017    1.30 | 2.017    3.86 |  3.02    0.97
     0.033    0.66 | 1.033    1.30 | 2.033    3.86 |  3.03    0.97
     0.050    0.66 | 1.050    1.30 | 2.050    3.86 |  3.05    0.97
     0.067    0.66 | 1.067    1.30 | 2.067    3.86 |  3.07    0.97
     0.083    0.66 | 1.083    1.30 | 2.083    3.86 |  3.08    0.97
     0.100    0.68 | 1.100    1.44 | 2.100    2.98 |  3.10    0.92
     0.117    0.68 | 1.117    1.44 | 2.117    2.98 |  3.12    0.92
     0.133    0.68 | 1.133    1.44 | 2.133    2.98 |  3.13    0.92
     0.150    0.68 | 1.150    1.44 | 2.150    2.98 |  3.15    0.92
     0.167    0.68 | 1.167    1.44 | 2.167    2.98 |  3.17    0.92
     0.183    0.71 | 1.183    1.61 | 2.183    2.45 |  3.18    0.88
     0.200    0.71 | 1.200    1.61 | 2.200    2.45 |  3.20    0.88
     0.217    0.71 | 1.217    1.61 | 2.217    2.45 |  3.22    0.88
     0.233    0.71 | 1.233    1.61 | 2.233    2.45 |  3.23    0.88
     0.250    0.71 | 1.250    1.61 | 2.250    2.45 |  3.25    0.88
     0.267    0.74 | 1.267    1.84 | 2.267    2.09 |  3.27    0.84
     0.283    0.74 | 1.283    1.84 | 2.283    2.09 |  3.28    0.84
     0.300    0.74 | 1.300    1.84 | 2.300    2.09 |  3.30    0.84
     0.317    0.74 | 1.317    1.84 | 2.317    2.09 |  3.32    0.84
     0.333    0.74 | 1.333    1.84 | 2.333    2.09 |  3.33    0.84
     0.350    0.78 | 1.350    2.16 | 2.350    1.83 |  3.35    0.80
     0.367    0.78 | 1.367    2.16 | 2.367    1.83 |  3.37    0.80
     0.383    0.78 | 1.383    2.16 | 2.383    1.83 |  3.38    0.80
     0.400    0.78 | 1.400    2.16 | 2.400    1.83 |  3.40    0.80
     0.417    0.78 | 1.417    2.16 | 2.417    1.83 |  3.42    0.80
     0.433    0.81 | 1.433    2.63 | 2.433    1.63 |  3.43    0.77
     0.450    0.81 | 1.450    2.63 | 2.450    1.63 |  3.45    0.77
     0.467    0.81 | 1.467    2.63 | 2.467    1.63 |  3.47    0.77
     0.483    0.81 | 1.483    2.63 | 2.483    1.63 |  3.48    0.77
     0.500    0.81 | 1.500    2.63 | 2.500    1.63 |  3.50    0.77
     0.517    0.86 | 1.517    3.42 | 2.517    1.48 |  3.52    0.74
     0.533    0.86 | 1.533    3.42 | 2.533    1.48 |  3.53    0.74
     0.550    0.86 | 1.550    3.42 | 2.550    1.48 |  3.55    0.74
     0.567    0.86 | 1.567    3.42 | 2.567    1.48 |  3.57    0.74
     0.583    0.86 | 1.583    3.42 | 2.583    1.48 |  3.58    0.74
     0.600    0.91 | 1.600    5.00 | 2.600    1.36 |  3.60    0.72
     0.617    0.91 | 1.617    5.00 | 2.617    1.36 |  3.62    0.72
     0.633    0.91 | 1.633    5.00 | 2.633    1.36 |  3.63    0.72
     0.650    0.91 | 1.650    5.00 | 2.650    1.36 |  3.65    0.72
     0.667    0.91 | 1.667    5.00 | 2.667    1.36 |  3.67    0.72
     0.683    0.96 | 1.683    9.74 | 2.683    1.25 |  3.68    0.69
     0.700    0.96 | 1.700    9.74 | 2.700    1.25 |  3.70    0.69
     0.717    0.96 | 1.717    9.74 | 2.717    1.25 |  3.72    0.69
     0.733    0.96 | 1.733    9.74 | 2.733    1.25 |  3.73    0.69
     0.750    0.96 | 1.750    9.74 | 2.750    1.25 |  3.75    0.69
     0.767    1.03 | 1.767   25.00 | 2.767    1.17 |  3.77    0.67
     0.783    1.03 | 1.783   25.00 | 2.783    1.17 |  3.78    0.67
     0.800    1.03 | 1.800   25.00 | 2.800    1.17 |  3.80    0.67
     0.817    1.03 | 1.817   25.00 | 2.817    1.17 |  3.82    0.67
     0.833    1.03 | 1.833   25.00 | 2.833    1.17 |  3.83    0.67
     0.850    1.10 | 1.850   10.28 | 2.850    1.09 |  3.85    0.65
     0.867    1.10 | 1.867   10.28 | 2.867    1.09 |  3.87    0.65
     0.883    1.10 | 1.883   10.28 | 2.883    1.09 |  3.88    0.65
     0.900    1.10 | 1.900   10.28 | 2.900    1.09 |  3.90    0.65
     0.917    1.10 | 1.917   10.28 | 2.917    1.09 |  3.92    0.65
     0.933    1.19 | 1.933    5.56 | 2.933    1.03 |  3.93    0.63
     0.950    1.19 | 1.950    5.56 | 2.950    1.03 |  3.95    0.63
     0.967    1.19 | 1.967    5.56 | 2.967    1.03 |  3.97    0.63
     0.983    1.19 | 1.983    5.56 | 2.983    1.03 |  3.98    0.63
     1.000    1.19 | 2.000    5.56 | 3.000    1.03 |  4.00    0.63

     Max.Eff.Inten.(mm/hr)=      25.00         14.22
               over (min)          5.00          8.00
     Storage Coeff.  (min)=       2.35 (ii)     7.38 (ii)
     Unit Hyd. Tpeak (min)=       5.00          8.00
     Unit Hyd. peak  (cms)=       0.35          0.15
                                                          *TOTALS*
     PEAK FLOW       (cms)=       0.00          0.00          0.005 (iii)
     TIME TO PEAK    (hrs)=       1.87          1.95          1.88
     RUNOFF VOLUME    (mm)=       8.33          3.07          4.89
     TOTAL RAINFALL   (mm)=       9.33          9.33          9.33
     RUNOFF COEFFICIENT   =       0.89          0.33          0.52


       (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
            CN*  =  90.0    Ia = Dep. Storage  (Above)
      (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
           THAN THE STORAGE COEFFICIENT.
     (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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--------------------
| DUHYD    (  0023)|
| Inlet Cap.= 0.039|
| #of Inlets=    1|
| Total(cms)=  0.0|      AREA     QPEAK     TPEAK    R.V.
--------------------      (ha)     (cms)     (hrs)    (mm)
     TOTAL HYD.(ID= 1):   0.18      0.00      1.88    4.89
     ================================================
     MAJOR SYS.(ID= 2):   0.00      0.00      0.00    0.00
     MINOR SYS.(ID= 3):   0.18      0.00      1.88    4.89

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

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--------------------
| CALIB            |
| STANDHYD (  0212)|   Area     (ha)=   1.77
|ID= 1 DT= 1.0 min |   Total Imp(%)=  50.00   Dir. Conn.(%)=  50.00
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25mm 4hr Chicago WQ Storm

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                              IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=        0.89         0.89
     Dep. Storage     (mm)=        1.00         5.00
     Average Slope     (%)=        1.00        33.00
     Length            (m)=      108.63        10.00
     Mannings n             =     0.013        0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.


                              ---- TRANSFORMED HYETOGRAPH ----
     TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
      hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
    0.017    0.66 | 1.017    1.30 | 2.017    3.86 |  3.02    0.97
    0.033    0.66 | 1.033    1.30 | 2.033    3.86 |  3.03    0.97
    0.050    0.66 | 1.050    1.30 | 2.050    3.86 |  3.05    0.97
    0.067    0.66 | 1.067    1.30 | 2.067    3.86 |  3.07    0.97
    0.083    0.66 | 1.083    1.30 | 2.083    3.86 |  3.08    0.97
    0.100    0.68 | 1.100    1.44 | 2.100    2.98 |  3.10    0.92
    0.117    0.68 | 1.117    1.44 | 2.117    2.98 |  3.12    0.92
    0.133    0.68 | 1.133    1.44 | 2.133    2.98 |  3.13    0.92
    0.150    0.68 | 1.150    1.44 | 2.150    2.98 |  3.15    0.92
    0.167    0.68 | 1.167    1.44 | 2.167    2.98 |  3.17    0.92
    0.183    0.71 | 1.183    1.61 | 2.183    2.45 |  3.18    0.88
    0.200    0.71 | 1.200    1.61 | 2.200    2.45 |  3.20    0.88
    0.217    0.71 | 1.217    1.61 | 2.217    2.45 |  3.22    0.88
    0.233    0.71 | 1.233    1.61 | 2.233    2.45 |  3.23    0.88
    0.250    0.71 | 1.250    1.61 | 2.250    2.45 |  3.25    0.88
    0.267    0.74 | 1.267    1.84 | 2.267    2.09 |  3.27    0.84
    0.283    0.74 | 1.283    1.84 | 2.283    2.09 |  3.28    0.84
    0.300    0.74 | 1.300    1.84 | 2.300    2.09 |  3.30    0.84
    0.317    0.74 | 1.317    1.84 | 2.317    2.09 |  3.32    0.84
    0.333    0.74 | 1.333    1.84 | 2.333    2.09 |  3.33    0.84
    0.350    0.78 | 1.350    2.16 | 2.350    1.83 |  3.35    0.80
    0.367    0.78 | 1.367    2.16 | 2.367    1.83 |  3.37    0.80
    0.383    0.78 | 1.383    2.16 | 2.383    1.83 |  3.38    0.80
    0.400    0.78 | 1.400    2.16 | 2.400    1.83 |  3.40    0.80
    0.417    0.78 | 1.417    2.16 | 2.417    1.83 |  3.42    0.80
    0.433    0.81 | 1.433    2.63 | 2.433    1.63 |  3.43    0.77
    0.450    0.81 | 1.450    2.63 | 2.450    1.63 |  3.45    0.77
    0.467    0.81 | 1.467    2.63 | 2.467    1.63 |  3.47    0.77
    0.483    0.81 | 1.483    2.63 | 2.483    1.63 |  3.48    0.77
    0.500    0.81 | 1.500    2.63 | 2.500    1.63 |  3.50    0.77
    0.517    0.86 | 1.517    3.42 | 2.517    1.48 |  3.52    0.74
    0.533    0.86 | 1.533    3.42 | 2.533    1.48 |  3.53    0.74
    0.550    0.86 | 1.550    3.42 | 2.550    1.48 |  3.55    0.74
    0.567    0.86 | 1.567    3.42 | 2.567    1.48 |  3.57    0.74
    0.583    0.86 | 1.583    3.42 | 2.583    1.48 |  3.58    0.74
    0.600    0.91 | 1.600    5.00 | 2.600    1.36 |  3.60    0.72
    0.617    0.91 | 1.617    5.00 | 2.617    1.36 |  3.62    0.72
    0.633    0.91 | 1.633    5.00 | 2.633    1.36 |  3.63    0.72
    0.650    0.91 | 1.650    5.00 | 2.650    1.36 |  3.65    0.72
    0.667    0.91 | 1.667    5.00 | 2.667    1.36 |  3.67    0.72
    0.683    0.96 | 1.683    9.74 | 2.683    1.25 |  3.68    0.69
    0.700    0.96 | 1.700    9.74 | 2.700    1.25 |  3.70    0.69
    0.717    0.96 | 1.717    9.74 | 2.717    1.25 |  3.72    0.69
    0.733    0.96 | 1.733    9.74 | 2.733    1.25 |  3.73    0.69
    0.750    0.96 | 1.750    9.74 | 2.750    1.25 |  3.75    0.69
    0.767    1.03 | 1.767   25.00 | 2.767    1.17 |  3.77    0.67
    0.783    1.03 | 1.783   25.00 | 2.783    1.17 |  3.78    0.67
    0.800    1.03 | 1.800   25.00 | 2.800    1.17 |  3.80    0.67
    0.817    1.03 | 1.817   25.00 | 2.817    1.17 |  3.82    0.67
    0.833    1.03 | 1.833   25.00 | 2.833    1.17 |  3.83    0.67
    0.850    1.10 | 1.850   10.28 | 2.850    1.09 |  3.85    0.65
    0.867    1.10 | 1.867   10.28 | 2.867    1.09 |  3.87    0.65
    0.883    1.10 | 1.883   10.28 | 2.883    1.09 |  3.88    0.65
    0.900    1.10 | 1.900   10.28 | 2.900    1.09 |  3.90    0.65
    0.917    1.10 | 1.917   10.28 | 2.917    1.09 |  3.92    0.65
    0.933    1.19 | 1.933    5.56 | 2.933    1.03 |  3.93    0.63
    0.950    1.19 | 1.950    5.56 | 2.950    1.03 |  3.95    0.63
    0.967    1.19 | 1.967    5.56 | 2.967    1.03 |  3.97    0.63
    0.983    1.19 | 1.983    5.56 | 2.983    1.03 |  3.98    0.63
    1.000    1.19 | 2.000    5.56 | 3.000    1.03 |  4.00    0.63

     Max.Eff.Inten.(mm/hr)=      25.00          0.26
           over (min)            5.00          7.00
     Storage Coeff.  (min)=     4.67 (ii)     6.98 (ii)
     Unit Hyd. Tpeak (min)=     5.00          7.00
     Unit Hyd. peak  (cms)=     0.24          0.16
                                                    *TOTALS*
     PEAK FLOW       (cms)=     0.04          0.00          0.043 (iii)
     TIME TO PEAK    (hrs)=     1.88          2.15          1.88
     RUNOFF VOLUME    (mm)=     8.33          0.28          4.30
     TOTAL RAINFALL   (mm)=     9.33          9.33          9.33
     RUNOFF COEFFICIENT   =     0.89          0.03          0.46

       (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
           CN*  =  80.0     Ia = Dep. Storage   (Above)
      (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
           THAN THE STORAGE COEFFICIENT.
     (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

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--------------------
| ADD HYD  (  0024)|
|   1 +  2 =  3    |        AREA    QPEAK    TPEAK     R.V.
--------------------         (ha)    (cms)    (hrs)      (mm)
       ID1= 1 (  0204):    16.91    0.392    1.87     4.15
     + ID2= 2 (  0212):     1.77    0.043    1.88     4.30
       ====================================================
       ID = 3 (  0024):    18.68    0.434    1.87     4.16

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
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--------------------
| ADD HYD  (  0024)|
|   3 +  2 =  1    |        AREA    QPEAK    TPEAK     R.V.
--------------------         (ha)    (cms)    (hrs)      (mm)
       ID1= 3 (  0024):    18.68    0.434    1.87     4.16
     + ID2= 2 (  0023):     0.18    0.005    1.88     4.89
       ====================================================
       ID = 1 (  0024):    18.86    0.439    1.87     4.17

     NOTE:  PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.
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--------------------
| RESERVOIR(  0002)|     OVERFLOW IS OFF
| IN= 2---> OUT= 1 |
| DT=  1.0 min     |     OUTFLOW    STORAGE   |  OUTFLOW    STORAGE
--------------------      (cms)      (ha.m.)   |   (cms)     (ha.m.)
                          0.0000     0.0000    |  0.4535     0.8095
                          0.0049     0.0710    |  0.5215     0.9015
                          0.0085     0.1443    |  0.5814     0.9955
                          0.0110     0.2200    |  0.6357     1.0914
                          0.0130     0.2982    |  0.8135     1.1894
                          0.0340     0.3786    |  1.1256     1.2893
                          0.0891     0.4610    |  1.5570     1.3912
                          0.1705     0.5453    |  2.1096     1.4952
                          0.2689     0.6314    |  2.7880     1.6010
                          0.3715     0.7195    |  3.5978     1.7088


                               AREA     QPEAK     TPEAK      R.V.
                                (ha)     (cms)     (hrs)      (mm)
     INFLOW : ID= 2 (  0024)   18.860     0.439     1.87       4.17
     OUTFLOW: ID= 1 (  0002)   18.860     0.005     4.20       2.24

                    PEAK   FLOW   REDUCTION [Qout/Qin](%)=  1.16
                    TIME SHIFT OF PEAK FLOW       (min)=140.00
                    MAXIMUM  STORAGE   USED       (ha.m.)=  0.0746
--------------------------------------------------------------------------------
--------------------
| CALIB            |
| STANDHYD (  0203)|   Area     (ha)=   1.05
|ID= 1 DT= 1.0 min |   Total Imp(%)=  28.00   Dir. Conn.(%)=  14.00
--------------------
                              IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=        0.29         0.76
     Dep. Storage     (mm)=        1.00         5.00
     Average Slope     (%)=        1.00         2.00
     Length            (m)=       70.00        10.00
     Mannings n             =     0.013        0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.


                              ---- TRANSFORMED HYETOGRAPH ----
     TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
      hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
    0.017    0.66 | 1.017    1.30 | 2.017    3.86 |  3.02    0.97
    0.033    0.66 | 1.033    1.30 | 2.033    3.86 |  3.03    0.97
    0.050    0.66 | 1.050    1.30 | 2.050    3.86 |  3.05    0.97
    0.067    0.66 | 1.067    1.30 | 2.067    3.86 |  3.07    0.97
    0.083    0.66 | 1.083    1.30 | 2.083    3.86 |  3.08    0.97
    0.100    0.68 | 1.100    1.44 | 2.100    2.98 |  3.10    0.92
    0.117    0.68 | 1.117    1.44 | 2.117    2.98 |  3.12    0.92
    0.133    0.68 | 1.133    1.44 | 2.133    2.98 |  3.13    0.92
    0.150    0.68 | 1.150    1.44 | 2.150    2.98 |  3.15    0.92
    0.167    0.68 | 1.167    1.44 | 2.167    2.98 |  3.17    0.92
    0.183    0.71 | 1.183    1.61 | 2.183    2.45 |  3.18    0.88
    0.200    0.71 | 1.200    1.61 | 2.200    2.45 |  3.20    0.88
    0.217    0.71 | 1.217    1.61 | 2.217    2.45 |  3.22    0.88
    0.233    0.71 | 1.233    1.61 | 2.233    2.45 |  3.23    0.88
    0.250    0.71 | 1.250    1.61 | 2.250    2.45 |  3.25    0.88
    0.267    0.74 | 1.267    1.84 | 2.267    2.09 |  3.27    0.84
    0.283    0.74 | 1.283    1.84 | 2.283    2.09 |  3.28    0.84
    0.300    0.74 | 1.300    1.84 | 2.300    2.09 |  3.30    0.84
    0.317    0.74 | 1.317    1.84 | 2.317    2.09 |  3.32    0.84
    0.333    0.74 | 1.333    1.84 | 2.333    2.09 |  3.33    0.84
    0.350    0.78 | 1.350    2.16 | 2.350    1.83 |  3.35    0.80
    0.367    0.78 | 1.367    2.16 | 2.367    1.83 |  3.37    0.80
    0.383    0.78 | 1.383    2.16 | 2.383    1.83 |  3.38    0.80
    0.400    0.78 | 1.400    2.16 | 2.400    1.83 |  3.40    0.80
    0.417    0.78 | 1.417    2.16 | 2.417    1.83 |  3.42    0.80
    0.433    0.81 | 1.433    2.63 | 2.433    1.63 |  3.43    0.77
    0.450    0.81 | 1.450    2.63 | 2.450    1.63 |  3.45    0.77
    0.467    0.81 | 1.467    2.63 | 2.467    1.63 |  3.47    0.77
    0.483    0.81 | 1.483    2.63 | 2.483    1.63 |  3.48    0.77
    0.500    0.81 | 1.500    2.63 | 2.500    1.63 |  3.50    0.77
    0.517    0.86 | 1.517    3.42 | 2.517    1.48 |  3.52    0.74
    0.533    0.86 | 1.533    3.42 | 2.533    1.48 |  3.53    0.74
    0.550    0.86 | 1.550    3.42 | 2.550    1.48 |  3.55    0.74
    0.567    0.86 | 1.567    3.42 | 2.567    1.48 |  3.57    0.74
    0.583    0.86 | 1.583    3.42 | 2.583    1.48 |  3.58    0.74
    0.600    0.91 | 1.600    5.00 | 2.600    1.36 |  3.60    0.72
    0.617    0.91 | 1.617    5.00 | 2.617    1.36 |  3.62    0.72
    0.633    0.91 | 1.633    5.00 | 2.633    1.36 |  3.63    0.72
    0.650    0.91 | 1.650    5.00 | 2.650    1.36 |  3.65    0.72
    0.667    0.91 | 1.667    5.00 | 2.667    1.36 |  3.67    0.72
    0.683    0.96 | 1.683    9.74 | 2.683    1.25 |  3.68    0.69
    0.700    0.96 | 1.700    9.74 | 2.700    1.25 |  3.70    0.69
    0.717    0.96 | 1.717    9.74 | 2.717    1.25 |  3.72    0.69
    0.733    0.96 | 1.733    9.74 | 2.733    1.25 |  3.73    0.69
    0.750    0.96 | 1.750    9.74 | 2.750    1.25 |  3.75    0.69
    0.767    1.03 | 1.767   25.00 | 2.767    1.17 |  3.77    0.67
    0.783    1.03 | 1.783   25.00 | 2.783    1.17 |  3.78    0.67
    0.800    1.03 | 1.800   25.00 | 2.800    1.17 |  3.80    0.67
    0.817    1.03 | 1.817   25.00 | 2.817    1.17 |  3.82    0.67
    0.833    1.03 | 1.833   25.00 | 2.833    1.17 |  3.83    0.67
    0.850    1.10 | 1.850   10.28 | 2.850    1.09 |  3.85    0.65
    0.867    1.10 | 1.867   10.28 | 2.867    1.09 |  3.87    0.65
    0.883    1.10 | 1.883   10.28 | 2.883    1.09 |  3.88    0.65
    0.900    1.10 | 1.900   10.28 | 2.900    1.09 |  3.90    0.65
    0.917    1.10 | 1.917   10.28 | 2.917    1.09 |  3.92    0.65
    0.933    1.19 | 1.933    5.56 | 2.933    1.03 |  3.93    0.63
    0.950    1.19 | 1.950    5.56 | 2.950    1.03 |  3.95    0.63
    0.967    1.19 | 1.967    5.56 | 2.967    1.03 |  3.97    0.63
    0.983    1.19 | 1.983    5.56 | 2.983    1.03 |  3.98    0.63
    1.000    1.19 | 2.000    5.56 | 3.000    1.03 |  4.00    0.63

     Max.Eff.Inten.(mm/hr)=      25.00          0.51
           over (min)            5.00         29.00
     Storage Coeff.  (min)=     3.59 (ii)    28.98 (ii)
     Unit Hyd. Tpeak (min)=     5.00         29.00
     Unit Hyd. peak  (cms)=     0.28          0.04
                                                    *TOTALS*
     PEAK FLOW       (cms)=     0.01          0.00          0.008 (iii)
     TIME TO PEAK    (hrs)=     1.87          2.62          1.87
     RUNOFF VOLUME    (mm)=     8.33          0.45          1.54
     TOTAL RAINFALL   (mm)=     9.33          9.33          9.33
     RUNOFF COEFFICIENT   =     0.89          0.05          0.17

***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
              YOU SHOULD CONSIDER SPLITTING THE AREA.

       (i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
           CN*  =  80.0     Ia = Dep. Storage   (Above)
      (ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
           THAN THE STORAGE COEFFICIENT.
     (iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.
--------------------------------------------------------------------------------
--------------------
| CALIB            |
| STANDHYD (  0205)|   Area     (ha)=   0.28
|ID= 1 DT= 1.0 min |   Total Imp(%)=  20.00   Dir. Conn.(%)=   0.01
--------------------
                              IMPERVIOUS    PERVIOUS (i)
     Surface Area     (ha)=        0.06         0.22
     Dep. Storage     (mm)=        1.00         5.00
     Average Slope     (%)=        1.00         2.00
     Length            (m)=       15.00        15.00
     Mannings n             =     0.013        0.250

        NOTE:  RAINFALL WAS TRANSFORMED TO   1.0 MIN. TIME STEP.


                              ---- TRANSFORMED HYETOGRAPH ----
     TIME    RAIN |  TIME    RAIN |'  TIME    RAIN |  TIME    RAIN
      hrs   mm/hr |   hrs   mm/hr |'   hrs   mm/hr |   hrs   mm/hr
    0.017    0.66 | 1.017    1.30 | 2.017    3.86 |  3.02    0.97
    0.033    0.66 | 1.033    1.30 | 2.033    3.86 |  3.03    0.97
    0.050    0.66 | 1.050    1.30 | 2.050    3.86 |  3.05    0.97
    0.067    0.66 | 1.067    1.30 | 2.067    3.86 |  3.07    0.97
    0.083    0.66 | 1.083    1.30 | 2.083    3.86 |  3.08    0.97
    0.100    0.68 | 1.100    1.44 | 2.100    2.98 |  3.10    0.92
    0.117    0.68 | 1.117    1.44 | 2.117    2.98 |  3.12    0.92
    0.133    0.68 | 1.133    1.44 | 2.133    2.98 |  3.13    0.92
    0.150    0.68 | 1.150    1.44 | 2.150    2.98 |  3.15    0.92
    0.167    0.68 | 1.167    1.44 | 2.167    2.98 |  3.17    0.92
    0.183    0.71 | 1.183    1.61 | 2.183    2.45 |  3.18    0.88
    0.200    0.71 | 1.200    1.61 | 2.200    2.45 |  3.20    0.88
    0.217    0.71 | 1.217    1.61 | 2.217    2.45 |  3.22    0.88
    0.233    0.71 | 1.233    1.61 | 2.233    2.45 |  3.23    0.88
    0.250    0.71 | 1.250    1.61 | 2.250    2.45 |  3.25    0.88
    0.267    0.74 | 1.267    1.84 | 2.267    2.09 |  3.27    0.84
    0.283    0.74 | 1.283    1.84 | 2.283    2.09 |  3.28    0.84
    0.300    0.74 | 1.300    1.84 | 2.300    2.09 |  3.30    0.84
    0.317    0.74 | 1.317    1.84 | 2.317    2.09 |  3.32    0.84
    0.333    0.74 | 1.333    1.84 | 2.333    2.09 |  3.33    0.84
    0.350    0.78 | 1.350    2.16 | 2.350    1.83 |  3.35    0.80
    0.367    0.78 | 1.367    2.16 | 2.367    1.83 |  3.37    0.80
```

25mm 4hr Chicago WQ Storm

0.383	0.78	1.383	2.16	2.383	1.83	3.38	0.80
0.400	0.78	1.400	2.16	2.400	1.83	3.40	0.80
0.417	0.78	1.417	2.16	2.417	1.83	3.42	0.80
0.433	0.81	1.433	2.63	2.433	1.63	3.43	0.77
0.450	0.81	1.450	2.63	2.450	1.63	3.45	0.77
0.467	0.81	1.467	2.63	2.467	1.63	3.47	0.77
0.483	0.81	1.483	2.63	2.483	1.63	3.48	0.77
0.500	0.81	1.500	2.63	2.500	1.63	3.50	0.77
0.517	0.86	1.517	3.42	2.517	1.48	3.52	0.74
0.533	0.86	1.533	3.42	2.533	1.48	3.53	0.74
0.550	0.86	1.550	3.42	2.550	1.48	3.55	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.583	0.86	1.583	3.42	2.583	1.48	3.58	0.74
0.600	0.91	1.600	5.00	2.600	1.36	3.60	0.72
0.617	0.91	1.617	5.00	2.617	1.36	3.62	0.72
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.650	0.91	1.650	5.00	2.650	1.36	3.65	0.72
0.667	0.91	1.667	5.00	2.667	1.36	3.67	0.72
0.683	0.96	1.683	9.74	2.683	1.25	3.68	0.69
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.717	0.96	1.717	9.74	2.717	1.25	3.72	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.750	0.96	1.750	9.74	2.750	1.25	3.75	0.69
0.767	1.03	1.767	25.00	2.767	1.17	3.77	0.67
0.783	1.03	1.783	25.00	2.783	1.17	3.78	0.67
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.817	1.03	1.817	25.00	2.817	1.17	3.82	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.850	1.10	1.850	10.28	2.850	1.09	3.85	0.65
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.883	1.10	1.883	10.28	2.883	1.09	3.88	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.917	1.10	1.917	10.28	2.917	1.09	3.92	0.65
0.933	1.19	1.933	5.56	2.933	1.03	3.93	0.63
0.950	1.19	1.950	5.56	2.950	1.03	3.95	0.63
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
0.983	1.19	1.983	5.56	2.983	1.03	3.98	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

Max.Eff.Inten.(mm/hr)=	25.00	0.57	
over (min)	5.00	32.00	
Storage Coeff. (min)=	0.74 (ii)	31.71 (ii)	
Unit Hyd. Tpeak (min)=	5.00	32.00	
Unit Hyd. peak (cms)=	0.52	0.04	
			TOTALS
PEAK FLOW (cms)=	0.00	0.00	0.000 (iii)
TIME TO PEAK (hrs)=	1.85	2.65	2.65
RUNOFF VOLUME (mm)=	8.33	0.51	0.43
TOTAL RAINFALL (mm)=	9.33	9.33	9.33
RUNOFF COEFFICIENT =	0.89	0.05	0.05

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0007)					
1 + 2 = 3		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
ID1= 1 (0002):		18.86	0.005	4.20	2.24
+ ID2= 2 (0203):		1.05	0.008	1.87	1.54
ID = 3 (0007):		19.91	0.009	1.88	2.21

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0007)					
3 + 2 = 1		AREA	QPEAK	TPEAK	R.V.
		(ha)	(cms)	(hrs)	(mm)
ID1= 3 (0007):		19.91	0.009	1.88	2.21
+ ID2= 2 (0205):		0.28	0.000	2.65	0.43
ID = 1 (0007):		20.19	0.009	1.88	2.18

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB			
STANDHYD (0208)		Area	(ha)= 0.61
ID= 1 DT= 1.0 min		Total Imp(%)=	45.00 Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.27	0.34
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	25.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.66	1.017	1.30	2.017	3.86	3.02	0.97
0.033	0.66	1.033	1.30	2.033	3.86	3.03	0.97
0.050	0.66	1.050	1.30	2.050	3.86	3.05	0.97
0.067	0.66	1.067	1.30	2.067	3.86	3.07	0.97
0.083	0.66	1.083	1.30	2.083	3.86	3.08	0.97
0.100	0.68	1.100	1.44	2.100	2.98	3.10	0.92
0.117	0.68	1.117	1.44	2.117	2.98	3.12	0.92
0.133	0.68	1.133	1.44	2.133	2.98	3.13	0.92
0.150	0.68	1.150	1.44	2.150	2.98	3.15	0.92
0.167	0.68	1.167	1.44	2.167	2.98	3.17	0.92
0.183	0.71	1.183	1.61	2.183	2.45	3.18	0.88
0.200	0.71	1.200	1.61	2.200	2.45	3.20	0.88
0.217	0.71	1.217	1.61	2.217	2.45	3.22	0.88
0.233	0.71	1.233	1.61	2.233	2.45	3.23	0.88
0.250	0.71	1.250	1.61	2.250	2.45	3.25	0.88
0.267	0.74	1.267	1.84	2.267	2.09	3.27	0.84
0.283	0.74	1.283	1.84	2.283	2.09	3.28	0.84
0.300	0.74	1.300	1.84	2.300	2.09	3.30	0.84
0.317	0.74	1.317	1.84	2.317	2.09	3.32	0.84
0.333	0.74	1.333	1.84	2.333	2.09	3.33	0.84
0.350	0.78	1.350	2.16	2.350	1.83	3.35	0.80
0.367	0.78	1.367	2.16	2.367	1.83	3.37	0.80
0.383	0.78	1.383	2.16	2.383	1.83	3.38	0.80
0.400	0.78	1.400	2.16	2.400	1.83	3.40	0.80
0.417	0.78	1.417	2.16	2.417	1.83	3.42	0.80
0.433	0.81	1.433	2.63	2.433	1.63	3.43	0.77
0.450	0.81	1.450	2.63	2.450	1.63	3.45	0.77
0.467	0.81	1.467	2.63	2.467	1.63	3.47	0.77
0.483	0.81	1.483	2.63	2.483	1.63	3.48	0.77
0.500	0.81	1.500	2.63	2.500	1.63	3.50	0.77
0.517	0.86	1.517	3.42	2.517	1.48	3.52	0.74
0.533	0.86	1.533	3.42	2.533	1.48	3.53	0.74
0.550	0.86	1.550	3.42	2.550	1.48	3.55	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.583	0.86	1.583	3.42	2.583	1.48	3.58	0.74
0.600	0.91	1.600	5.00	2.600	1.36	3.60	0.72
0.617	0.91	1.617	5.00	2.617	1.36	3.62	0.72
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.650	0.91	1.650	5.00	2.650	1.36	3.65	0.72
0.667	0.91	1.667	5.00	2.667	1.36	3.67	0.72
0.683	0.96	1.683	9.74	2.683	1.25	3.68	0.69
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.717	0.96	1.717	9.74	2.717	1.25	3.72	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.750	0.96	1.750	9.74	2.750	1.25	3.75	0.69
0.767	1.03	1.767	25.00	2.767	1.17	3.77	0.67
0.783	1.03	1.783	25.00	2.783	1.17	3.78	0.67
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.817	1.03	1.817	25.00	2.817	1.17	3.82	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.850	1.10	1.850	10.28	2.850	1.09	3.85	0.65
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.883	1.10	1.883	10.28	2.883	1.09	3.88	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.917	1.10	1.917	10.28	2.917	1.09	3.92	0.65
0.933	1.19	1.933	5.56	2.933	1.03	3.93	0.63
0.950	1.19	1.950	5.56	2.950	1.03	3.95	0.63
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
0.983	1.19	1.983	5.56	2.983	1.03	3.98	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

Max.Eff.Inten.(mm/hr)=	25.00	2.22	
over (min)	5.00	26.00	
Storage Coeff. (min)=	0.74 (ii)	25.10 (ii)	
Unit Hyd. Tpeak (min)=	5.00	26.00	
Unit Hyd. peak (cms)=	0.52	0.04	
			TOTALS
PEAK FLOW (cms)=	0.00	0.00	0.001 (iii)
TIME TO PEAK (hrs)=	1.85	2.37	2.37
RUNOFF VOLUME (mm)=	8.33	1.04	1.02
TOTAL RAINFALL (mm)=	9.33	9.33	9.33
RUNOFF COEFFICIENT =	0.89	0.11	0.11

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0209)		Area	(ha)= 0.06
ID= 1 DT= 1.0 min		Total Imp(%)=	25.00 Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.01	0.05
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.66	1.017	1.30	2.017	3.86	3.02	0.97
0.033	0.66	1.033	1.30	2.033	3.86	3.03	0.97
0.050	0.66	1.050	1.30	2.050	3.86	3.05	0.97
0.067	0.66	1.067	1.30	2.067	3.86	3.07	0.97
0.083	0.66	1.083	1.30	2.083	3.86	3.08	0.97
0.100	0.68	1.100	1.44	2.100	2.98	3.10	0.92
0.117	0.68	1.117	1.44	2.117	2.98	3.12	0.92
0.133	0.68	1.133	1.44	2.133	2.98	3.13	0.92
0.150	0.68	1.150	1.44	2.150	2.98	3.15	0.92
0.167	0.68	1.167	1.44	2.167	2.98	3.17	0.92
0.183	0.71	1.183	1.61	2.183	2.45	3.18	0.88
0.200	0.71	1.200	1.61	2.200	2.45	3.20	0.88
0.217	0.71	1.217	1.61	2.217	2.45	3.22	0.88
0.233	0.71	1.233	1.61	2.233	2.45	3.23	0.88
0.250	0.71	1.250	1.61	2.250	2.45	3.25	0.88
0.267	0.74	1.267	1.84	2.267	2.09	3.27	0.84
0.283	0.74	1.283	1.84	2.283	2.09	3.28	0.84
0.300	0.74	1.300	1.84	2.300	2.09	3.30	0.84
0.317	0.74	1.317	1.84	2.317	2.09	3.32	0.84
0.333	0.74	1.333	1.84	2.333	2.09	3.33	0.84
0.350	0.78	1.350	2.16	2.350	1.83	3.35	0.80
0.367	0.78	1.367	2.16	2.367	1.83	3.37	0.80
0.383	0.78	1.383	2.16	2.383	1.83	3.38	0.80
0.400	0.78	1.400	2.16	2.400	1.83	3.40	0.80
0.417	0.78	1.417	2.16	2.417	1.83	3.42	0.80
0.433	0.81	1.433	2.63	2.433	1.63	3.43	0.77
0.450	0.81	1.450	2.63	2.450	1.63	3.45	0.77
0.467	0.81	1.467	2.63	2.467	1.63	3.47	0.77
0.483	0.81	1.483	2.63	2.483	1.63	3.48	0.77
0.500	0.81	1.500	2.63	2.500	1.63	3.50	0.77
0.517	0.86	1.517	3.42	2.517	1.48	3.52	0.74
0.533	0.86	1.533	3.42	2.533	1.48	3.53	0.74
0.550	0.86	1.550	3.42	2.550	1.48	3.55	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.583	0.86	1.583	3.42	2.583	1.48	3.58	0.74
0.600	0.91	1.600	5.00	2.600	1.36	3.60	0.72
0.617	0.91	1.617	5.00	2.617	1.36	3.62	0.72
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.650	0.91	1.650	5.00	2.650	1.36	3.65	0.72
0.667	0.91	1.667	5.00	2.667	1.36	3.67	0.72
0.683	0.96	1.683	9.74	2.683	1.25	3.68	0.69
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.717	0.96	1.717	9.74	2.717	1.25	3.72	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.750	0.96	1.750	9.74	2.750	1.25	3.75	0.69
0.767	1.03	1.767	25.00	2.767	1.17	3.77	0.67
0.783	1.03	1.783	25.00	2.783	1.17	3.78	0.67
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.817	1.03	1.817	25.00	2.817	1.17	3.82	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.850	1.10	1.850	10.28	2.850	1.09	3.85	0.65
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.883	1.10	1.883	10.28	2.883	1.09	3.88	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.917	1.10	1.917	10.28	2.917	1.09	3.92	0.65
0.933	1.19	1.933	5.56	2.933	1.03	3.93	0.63
0.950	1.19	1.950	5.56	2.950	1.03	3.95	0.63
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
0.983	1.19	1.983	5.56	2.983	1.03	3.98	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

Max.Eff.Inten.(mm/hr)=	25.00	1.04	
over (min)	5.00	14.00	
Storage Coeff. (min)=	0.74 (ii)	13.32 (ii)	
Unit Hyd. Tpeak (min)=	5.00	14.00	
Unit Hyd. peak (cms)=	0.52	0.08	
			TOTALS
PEAK FLOW (cms)=	0.00	0.00	0.000 (iii)
TIME TO PEAK (hrs)=	1.85	2.18	0.00
RUNOFF VOLUME (mm)=	8.33	0.58	0.00
TOTAL RAINFALL (mm)=	9.33	9.33	9.33
RUNOFF COEFFICIENT =	0.89	0.06	0.00

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL

25mm 4hr Chicago WQ Storm

THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
NASHYD (0201)	Area	(ha)=	2.54	Curve Number	(CN)= 79.0
ID= 1 DT= 1.0 min	Ia	(mm)=	6.35	# of Linear Res.(N)=	3.00
	U.H. Tp(hrs)=		0.11		

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.66	1.017	1.30	2.017	3.86	3.02	0.97
0.033	0.66	1.033	1.30	2.033	3.86	3.03	0.97
0.050	0.66	1.050	1.30	2.050	3.86	3.05	0.97
0.067	0.66	1.067	1.30	2.067	3.86	3.07	0.97
0.083	0.66	1.083	1.30	2.083	3.86	3.08	0.97
0.100	0.68	1.100	1.44	2.100	2.98	3.10	0.92
0.117	0.68	1.117	1.44	2.117	2.98	3.12	0.92
0.133	0.68	1.133	1.44	2.133	2.98	3.13	0.92
0.150	0.68	1.150	1.44	2.150	2.98	3.15	0.92
0.167	0.68	1.167	1.44	2.167	2.98	3.17	0.92
0.183	0.71	1.183	1.61	2.183	2.45	3.18	0.88
0.200	0.71	1.200	1.61	2.200	2.45	3.20	0.88
0.217	0.71	1.217	1.61	2.217	2.45	3.22	0.88
0.233	0.71	1.233	1.61	2.233	2.45	3.23	0.88
0.250	0.71	1.250	1.61	2.250	2.45	3.25	0.88
0.267	0.74	1.267	1.84	2.267	2.09	3.27	0.84
0.283	0.74	1.283	1.84	2.283	2.09	3.28	0.84
0.300	0.74	1.300	1.84	2.300	2.09	3.30	0.84
0.317	0.74	1.317	1.84	2.317	2.09	3.32	0.84
0.333	0.74	1.333	1.84	2.333	2.09	3.33	0.84
0.350	0.78	1.350	2.16	2.350	1.83	3.35	0.80
0.367	0.78	1.367	2.16	2.367	1.83	3.37	0.80
0.383	0.78	1.383	2.16	2.383	1.83	3.38	0.80
0.400	0.78	1.400	2.16	2.400	1.83	3.40	0.80
0.417	0.78	1.417	2.16	2.417	1.83	3.42	0.80
0.433	0.81	1.433	2.63	2.433	1.63	3.43	0.77
0.450	0.81	1.450	2.63	2.450	1.63	3.45	0.77
0.467	0.81	1.467	2.63	2.467	1.63	3.47	0.77
0.483	0.81	1.483	2.63	2.483	1.63	3.48	0.77
0.500	0.81	1.500	2.63	2.500	1.63	3.50	0.77
0.517	0.86	1.517	3.42	2.517	1.48	3.52	0.74
0.533	0.86	1.533	3.42	2.533	1.48	3.53	0.74
0.550	0.86	1.550	3.42	2.550	1.48	3.55	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.583	0.86	1.583	3.42	2.583	1.48	3.58	0.74
0.600	0.91	1.600	5.00	2.600	1.36	3.60	0.72
0.617	0.91	1.617	5.00	2.617	1.36	3.62	0.72
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.650	0.91	1.650	5.00	2.650	1.36	3.65	0.72
0.667	0.91	1.667	5.00	2.667	1.36	3.67	0.72
0.683	0.96	1.683	9.74	2.683	1.25	3.68	0.69
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.717	0.96	1.717	9.74	2.717	1.25	3.72	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.750	0.96	1.750	9.74	2.750	1.25	3.75	0.69
0.767	1.03	1.767	25.00	2.767	1.17	3.77	0.67
0.783	1.03	1.783	25.00	2.783	1.17	3.78	0.67
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.817	1.03	1.817	25.00	2.817	1.17	3.82	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.850	1.10	1.850	10.28	2.850	1.09	3.85	0.65
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.883	1.10	1.883	10.28	2.883	1.09	3.88	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.917	1.10	1.917	10.28	2.917	1.09	3.92	0.65
0.933	1.19	1.933	5.56	2.933	1.03	3.93	0.63
0.950	1.19	1.950	5.56	2.950	1.03	3.95	0.63
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
0.983	1.19	1.983	5.56	2.983	1.03	3.98	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

Unit Hyd Qpeak (cms)= 0.882

PEAK FLOW	(cms)=	0.001	(i)
TIME TO PEAK	(hrs)=	2.500	
RUNOFF VOLUME	(mm)=	0.126	
TOTAL RAINFALL	(mm)=	9.327	
RUNOFF COEFFICIENT	=	0.013	

(i) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
STANDHYD (0202)	Area	(ha)=	0.33		
ID= 1 DT= 1.0 min	Total Imp(%)=		70.00	Dir. Conn.(%)=	30.00

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.23	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	30.00	10.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.66	1.017	1.30	2.017	3.86	3.02	0.97
0.033	0.66	1.033	1.30	2.033	3.86	3.03	0.97
0.050	0.66	1.050	1.30	2.050	3.86	3.05	0.97
0.067	0.66	1.067	1.30	2.067	3.86	3.07	0.97
0.083	0.66	1.083	1.30	2.083	3.86	3.08	0.97
0.100	0.68	1.100	1.44	2.100	2.98	3.10	0.92
0.117	0.68	1.117	1.44	2.117	2.98	3.12	0.92
0.133	0.68	1.133	1.44	2.133	2.98	3.13	0.92
0.150	0.68	1.150	1.44	2.150	2.98	3.15	0.92
0.167	0.68	1.167	1.44	2.167	2.98	3.17	0.92
0.183	0.71	1.183	1.61	2.183	2.45	3.18	0.88
0.200	0.71	1.200	1.61	2.200	2.45	3.20	0.88
0.217	0.71	1.217	1.61	2.217	2.45	3.22	0.88
0.233	0.71	1.233	1.61	2.233	2.45	3.23	0.88
0.250	0.71	1.250	1.61	2.250	2.45	3.25	0.88
0.267	0.74	1.267	1.84	2.267	2.09	3.27	0.84
0.283	0.74	1.283	1.84	2.283	2.09	3.28	0.84
0.300	0.74	1.300	1.84	2.300	2.09	3.30	0.84
0.317	0.74	1.317	1.84	2.317	2.09	3.32	0.84
0.333	0.74	1.333	1.84	2.333	2.09	3.33	0.84
0.350	0.78	1.350	2.16	2.350	1.83	3.35	0.80
0.367	0.78	1.367	2.16	2.367	1.83	3.37	0.80
0.383	0.78	1.383	2.16	2.383	1.83	3.38	0.80
0.400	0.78	1.400	2.16	2.400	1.83	3.40	0.80
0.417	0.78	1.417	2.16	2.417	1.83	3.42	0.80
0.433	0.81	1.433	2.63	2.433	1.63	3.43	0.77
0.450	0.81	1.450	2.63	2.450	1.63	3.45	0.77
0.467	0.81	1.467	2.63	2.467	1.63	3.47	0.77
0.483	0.81	1.483	2.63	2.483	1.63	3.48	0.77
0.500	0.81	1.500	2.63	2.500	1.63	3.50	0.77
0.517	0.86	1.517	3.42	2.517	1.48	3.52	0.74
0.533	0.86	1.533	3.42	2.533	1.48	3.53	0.74
0.550	0.86	1.550	3.42	2.550	1.48	3.55	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.583	0.86	1.583	3.42	2.583	1.48	3.58	0.74
0.600	0.91	1.600	5.00	2.600	1.36	3.60	0.72
0.617	0.91	1.617	5.00	2.617	1.36	3.62	0.72
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.650	0.91	1.650	5.00	2.650	1.36	3.65	0.72
0.667	0.91	1.667	5.00	2.667	1.36	3.67	0.72
0.683	0.96	1.683	9.74	2.683	1.25	3.68	0.69
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.717	0.96	1.717	9.74	2.717	1.25	3.72	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.750	0.96	1.750	9.74	2.750	1.25	3.75	0.69
0.767	1.03	1.767	25.00	2.767	1.17	3.77	0.67
0.783	1.03	1.783	25.00	2.783	1.17	3.78	0.67
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.817	1.03	1.817	25.00	2.817	1.17	3.82	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.850	1.10	1.850	10.28	2.850	1.09	3.85	0.65
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.883	1.10	1.883	10.28	2.883	1.09	3.88	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.917	1.10	1.917	10.28	2.917	1.09	3.92	0.65
0.933	1.19	1.933	5.56	2.933	1.03	3.93	0.63
0.950	1.19	1.950	5.56	2.950	1.03	3.95	0.63
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
0.983	1.19	1.983	5.56	2.983	1.03	3.98	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

Max.Eff.Inten.(mm/hr)=		25.00	6.84	
	over (min)	5.00	8.00	
Storage Coeff. (min)=		2.16 (ii)	7.51 (ii)	
Unit Hyd. Tpeak (min)=		5.00	8.00	
Unit Hyd. peak (cms)=		0.36	0.15	
				TOTALS
PEAK FLOW	(cms)=	0.01	0.00	0.006 (iii)
TIME TO PEAK	(hrs)=	1.87	1.97	1.87
RUNOFF VOLUME	(mm)=	8.33	1.50	3.54
TOTAL RAINFALL	(mm)=	9.33	9.33	9.33
RUNOFF COEFFICIENT	=	0.89	0.16	0.38

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB					
STANDHYD (0210)	Area	(ha)=	0.10		
ID= 1 DT= 1.0 min	Total Imp(%)=		25.00	Dir. Conn.(%)=	0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.08
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	5.00
Length	(m)=	5.00	5.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.66	1.017	1.30	2.017	3.86	3.02	0.97
0.033	0.66	1.033	1.30	2.033	3.86	3.03	0.97
0.050	0.66	1.050	1.30	2.050	3.86	3.05	0.97
0.067	0.66	1.067	1.30	2.067	3.86	3.07	0.97
0.083	0.66	1.083	1.30	2.083	3.86	3.08	0.97
0.100	0.68	1.100	1.44	2.100	2.98	3.10	0.92
0.117	0.68	1.117	1.44	2.117	2.98	3.12	0.92
0.133	0.68	1.133	1.44	2.133	2.98	3.13	0.92
0.150	0.68	1.150	1.44	2.150	2.98	3.15	0.92
0.167	0.68	1.167	1.44	2.167	2.98	3.17	0.92
0.183	0.71	1.183	1.61	2.183	2.45	3.18	0.88
0.200	0.71	1.200	1.61	2.200	2.45	3.20	0.88
0.217	0.71	1.217	1.61	2.217	2.45	3.22	0.88
0.233	0.71	1.233	1.61	2.233	2.45	3.23	0.88
0.250	0.71	1.250	1.61	2.250	2.45	3.25	0.88
0.267	0.74	1.267	1.84	2.267	2.09	3.27	0.84
0.283	0.74	1.283	1.84	2.283	2.09	3.28	0.84
0.300	0.74	1.300	1.84	2.300	2.09	3.30	0.84
0.317	0.74	1.317	1.84	2.317	2.09	3.32	0.84
0.333	0.74	1.333	1.84	2.333	2.09	3.33	0.84
0.350	0.78	1.350	2.16	2.350	1.83	3.35	0.80
0.367	0.78	1.367	2.16	2.367	1.83	3.37	0.80
0.383	0.78	1.383	2.16	2.383	1.83	3.38	0.80
0.400	0.78	1.400	2.16	2.400	1.83	3.40	0.80
0.417	0.78	1.417	2.16	2.417	1.83	3.42	0.80
0.433	0.81	1.433	2.63	2.433	1.63	3.43	0.77
0.450	0.81	1.450	2.63	2.450	1.63	3.45	0.77
0.467	0.81	1.467	2.63	2.467	1.63	3.47	0.77
0.483	0.81	1.483	2.63	2.483	1.63	3.48	0.77
0.500	0.81	1.500	2.63	2.500	1.63	3.50	0.77
0.517	0.86	1.517	3.42	2.517	1.48	3.52	0.74
0.533	0.86	1.533	3.42	2.533	1.48	3.53	0.74
0.550	0.86	1.550	3.42	2.550	1.48	3.55	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.583	0.86	1.583	3.42	2.583	1.48	3.58	0.74
0.600	0.91	1.600	5.00	2.600	1.36	3.60	0.72
0.617	0.91	1.617	5.00	2.617	1.36	3.62	0.72
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.650	0.91	1.650	5.00	2.650	1.36	3.65	0.72
0.667	0.91	1.667	5.00	2.667	1.36	3.67	0.72
0.683	0.96	1.683	9.74	2.683	1.25	3.68	0.69
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.717	0.96	1.717	9.74	2.717	1.25	3.72	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.750	0.96	1.750	9.74	2.750	1.25	3.75	0.69
0.767	1.03	1.767	25.00	2.767	1.17	3.77	0.67
0.783	1.03	1.783	25.00	2.783	1.17	3.78	0.67
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.817	1.03	1.817	25.00	2.817	1.17	3.82	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.850	1.10	1.850	10.28	2.850	1.09	3.85	0.65
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.883	1.10	1.883	10.28	2.883	1.09	3.88	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.917	1.10	1.917	10.28	2.917	1.09	3.92	0.65
0.933	1.19	1.933	5.56	2.933	1.03	3.93	0.63
0.950	1.19	1.950	5.56	2.950	1.03	3.95	0.63
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
0.983	1.19	1.983	5.56	2.983	1.03	3.98	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

Max.Eff.Inten.(mm/hr)=		25.00	1.11	
	over (min)	5.00	11.00	
Storage Coeff. (min)=		0.74 (ii)	10.05 (ii)	
Unit Hyd. Tpeak (min)=		5.00	11.00	
Unit Hyd. peak (cms)=		0.52	0.11	
				TOTALS
PEAK FLOW	(cms)=	0.00	0.00	0.000 (iii)
TIME TO PEAK	(hrs)=	1.85	2.10	2.10
RUNOFF VOLUME	(mm)=	8.33	0.58	0.24
TOTAL RAINFALL	(mm)=	9.33	9.33	9.33
RUNOFF COEFFICIENT	=	0.89	0.06	0.03

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.

25mm 4hr Chicago WQ Storm

(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0015)		AREA	QPEAK	TPEAK	R.V.
1 + 2 = 3		(ha)	(cms)	(hrs)	(mm)
	ID1= 1 (0201):	2.54	0.001	2.50	0.13
	+ ID2= 2 (0202):	0.33	0.006	1.87	3.54
	ID = 3 (0015):	2.87	0.006	1.87	0.52

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

ADD HYD (0015)		AREA	QPEAK	TPEAK	R.V.
3 + 2 = 1		(ha)	(cms)	(hrs)	(mm)
	ID1= 3 (0015):	2.87	0.006	1.87	0.52
	+ ID2= 2 (0210):	0.10	0.000	2.10	0.24
	ID = 1 (0015):	2.97	0.007	1.87	0.51

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

CALIB			
STANDHYD (0206)	Area (ha)=	0.13	
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.03	0.10
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.66	1.017	1.30	2.017	3.86	3.02	0.97
0.033	0.66	1.033	1.30	2.033	3.86	3.03	0.97
0.050	0.66	1.050	1.30	2.050	3.86	3.05	0.97
0.067	0.66	1.067	1.30	2.067	3.86	3.07	0.97
0.083	0.66	1.083	1.30	2.083	3.86	3.08	0.97
0.100	0.68	1.100	1.44	2.100	2.98	3.10	0.92
0.117	0.68	1.117	1.44	2.117	2.98	3.12	0.92
0.133	0.68	1.133	1.44	2.133	2.98	3.13	0.92
0.150	0.68	1.150	1.44	2.150	2.98	3.15	0.92
0.167	0.68	1.167	1.44	2.167	2.98	3.17	0.92
0.183	0.71	1.183	1.61	2.183	2.45	3.18	0.88
0.200	0.71	1.200	1.61	2.200	2.45	3.20	0.88
0.217	0.71	1.217	1.61	2.217	2.45	3.22	0.88
0.233	0.71	1.233	1.61	2.233	2.45	3.23	0.88
0.250	0.71	1.250	1.61	2.250	2.45	3.25	0.88
0.267	0.74	1.267	1.84	2.267	2.09	3.27	0.84
0.283	0.74	1.283	1.84	2.283	2.09	3.28	0.84
0.300	0.74	1.300	1.84	2.300	2.09	3.30	0.84
0.317	0.74	1.317	1.84	2.317	2.09	3.32	0.84
0.333	0.74	1.333	1.84	2.333	2.09	3.33	0.84
0.350	0.78	1.350	2.16	2.350	1.83	3.35	0.80
0.367	0.78	1.367	2.16	2.367	1.83	3.37	0.80
0.383	0.78	1.383	2.16	2.383	1.83	3.38	0.80
0.400	0.78	1.400	2.16	2.400	1.83	3.40	0.80
0.417	0.78	1.417	2.16	2.417	1.83	3.42	0.80
0.433	0.81	1.433	2.63	2.433	1.63	3.43	0.77
0.450	0.81	1.450	2.63	2.450	1.63	3.45	0.77
0.467	0.81	1.467	2.63	2.467	1.63	3.47	0.77
0.483	0.81	1.483	2.63	2.483	1.63	3.48	0.77
0.500	0.81	1.500	2.63	2.500	1.63	3.50	0.77
0.517	0.86	1.517	3.42	2.517	1.48	3.52	0.74
0.533	0.86	1.533	3.42	2.533	1.48	3.53	0.74
0.550	0.86	1.550	3.42	2.550	1.48	3.55	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.583	0.86	1.583	3.42	2.583	1.48	3.58	0.74
0.600	0.91	1.600	5.00	2.600	1.36	3.60	0.72
0.617	0.91	1.617	5.00	2.617	1.36	3.62	0.72
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.650	0.91	1.650	5.00	2.650	1.36	3.65	0.72
0.667	0.91	1.667	5.00	2.667	1.36	3.67	0.72
0.683	0.96	1.683	9.74	2.683	1.25	3.68	0.69
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.717	0.96	1.717	9.74	2.717	1.25	3.72	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.750	0.96	1.750	9.74	2.750	1.25	3.75	0.69
0.767	1.03	1.767	25.00	2.767	1.17	3.77	0.67
0.783	1.03	1.783	25.00	2.783	1.17	3.78	0.67
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.817	1.03	1.817	25.00	2.817	1.17	3.82	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.850	1.10	1.850	10.28	2.850	1.09	3.85	0.65
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.883	1.10	1.883	10.28	2.883	1.09	3.88	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.917	1.10	1.917	10.28	2.917	1.09	3.92	0.65
0.933	1.19	1.933	5.56	2.933	1.03	3.93	0.63
0.950	1.19	1.950	5.56	2.950	1.03	3.95	0.63
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
0.983	1.19	1.983	5.56	2.983	1.03	3.98	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

				TOTALS
Max.Eff.Inten.(mm/hr)=		25.00	0.76	
over (min)		5.00	29.00	
Storage Coeff. (min)=		0.74 (ii)	28.28 (ii)	
Unit Hyd. Tpeak (min)=		5.00	29.00	
Unit Hyd. peak (cms)=		0.52	0.04	
PEAK FLOW	(cms)=	0.00	0.00	0.000 (iii)
TIME TO PEAK	(hrs)=	1.85	2.53	2.53
RUNOFF VOLUME	(mm)=	8.33	0.58	0.25
TOTAL RAINFALL	(mm)=	9.33	9.33	9.33
RUNOFF COEFFICIENT	=	0.89	0.06	0.03

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

CALIB			
STANDHYD (0207)	Area (ha)=	0.25	
ID= 1 DT= 1.0 min	Total Imp(%)=	25.00	Dir. Conn.(%)= 0.01

		IMPERVIOUS	PERVIOUS (i)
Surface Area	(ha)=	0.06	0.19
Dep. Storage	(mm)=	1.00	5.00
Average Slope	(%)=	1.00	2.00
Length	(m)=	5.00	15.00
Mannings n	=	0.013	0.250

NOTE: RAINFALL WAS TRANSFORMED TO 1.0 MIN. TIME STEP.

---- TRANSFORMED HYETOGRAPH ----

TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr	TIME hrs	RAIN mm/hr
0.017	0.66	1.017	1.30	2.017	3.86	3.02	0.97
0.033	0.66	1.033	1.30	2.033	3.86	3.03	0.97
0.050	0.66	1.050	1.30	2.050	3.86	3.05	0.97
0.067	0.66	1.067	1.30	2.067	3.86	3.07	0.97
0.083	0.66	1.083	1.30	2.083	3.86	3.08	0.97
0.100	0.68	1.100	1.44	2.100	2.98	3.10	0.92
0.117	0.68	1.117	1.44	2.117	2.98	3.12	0.92
0.133	0.68	1.133	1.44	2.133	2.98	3.13	0.92
0.150	0.68	1.150	1.44	2.150	2.98	3.15	0.92
0.167	0.68	1.167	1.44	2.167	2.98	3.17	0.92
0.183	0.71	1.183	1.61	2.183	2.45	3.18	0.88
0.200	0.71	1.200	1.61	2.200	2.45	3.20	0.88
0.217	0.71	1.217	1.61	2.217	2.45	3.22	0.88
0.233	0.71	1.233	1.61	2.233	2.45	3.23	0.88
0.250	0.71	1.250	1.61	2.250	2.45	3.25	0.88
0.267	0.74	1.267	1.84	2.267	2.09	3.27	0.84
0.283	0.74	1.283	1.84	2.283	2.09	3.28	0.84
0.300	0.74	1.300	1.84	2.300	2.09	3.30	0.84
0.317	0.74	1.317	1.84	2.317	2.09	3.32	0.84
0.333	0.74	1.333	1.84	2.333	2.09	3.33	0.84
0.350	0.78	1.350	2.16	2.350	1.83	3.35	0.80
0.367	0.78	1.367	2.16	2.367	1.83	3.37	0.80
0.383	0.78	1.383	2.16	2.383	1.83	3.38	0.80
0.400	0.78	1.400	2.16	2.400	1.83	3.40	0.80
0.417	0.78	1.417	2.16	2.417	1.83	3.42	0.80
0.433	0.81	1.433	2.63	2.433	1.63	3.43	0.77
0.450	0.81	1.450	2.63	2.450	1.63	3.45	0.77
0.467	0.81	1.467	2.63	2.467	1.63	3.47	0.77
0.483	0.81	1.483	2.63	2.483	1.63	3.48	0.77
0.500	0.81	1.500	2.63	2.500	1.63	3.50	0.77
0.517	0.86	1.517	3.42	2.517	1.48	3.52	0.74
0.533	0.86	1.533	3.42	2.533	1.48	3.53	0.74
0.550	0.86	1.550	3.42	2.550	1.48	3.55	0.74
0.567	0.86	1.567	3.42	2.567	1.48	3.57	0.74
0.583	0.86	1.583	3.42	2.583	1.48	3.58	0.74
0.600	0.91	1.600	5.00	2.600	1.36	3.60	0.72
0.617	0.91	1.617	5.00	2.617	1.36	3.62	0.72
0.633	0.91	1.633	5.00	2.633	1.36	3.63	0.72
0.650	0.91	1.650	5.00	2.650	1.36	3.65	0.72
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0.683	0.96	1.683	9.74	2.683	1.25	3.68	0.69
0.700	0.96	1.700	9.74	2.700	1.25	3.70	0.69
0.717	0.96	1.717	9.74	2.717	1.25	3.72	0.69
0.733	0.96	1.733	9.74	2.733	1.25	3.73	0.69
0.750	0.96	1.750	9.74	2.750	1.25	3.75	0.69
0.767	1.03	1.767	25.00	2.767	1.17	3.77	0.67
0.783	1.03	1.783	25.00	2.783	1.17	3.78	0.67
0.800	1.03	1.800	25.00	2.800	1.17	3.80	0.67
0.817	1.03	1.817	25.00	2.817	1.17	3.82	0.67
0.833	1.03	1.833	25.00	2.833	1.17	3.83	0.67
0.850	1.10	1.850	10.28	2.850	1.09	3.85	0.65
0.867	1.10	1.867	10.28	2.867	1.09	3.87	0.65
0.883	1.10	1.883	10.28	2.883	1.09	3.88	0.65
0.900	1.10	1.900	10.28	2.900	1.09	3.90	0.65
0.917	1.10	1.917	10.28	2.917	1.09	3.92	0.65
0.933	1.19	1.933	5.56	2.933	1.03	3.93	0.63
0.950	1.19	1.950	5.56	2.950	1.03	3.95	0.63
0.967	1.19	1.967	5.56	2.967	1.03	3.97	0.63
0.983	1.19	1.983	5.56	2.983	1.03	3.98	0.63
1.000	1.19	2.000	5.56	3.000	1.03	4.00	0.63

				TOTALS
Max.Eff.Inten.(mm/hr)=		25.00	0.76	
over (min)		5.00	29.00	
Storage Coeff. (min)=		0.74 (ii)	28.28 (ii)	
Unit Hyd. Tpeak (min)=		5.00	29.00	
Unit Hyd. peak (cms)=		0.52	0.04	
PEAK FLOW	(cms)=	0.00	0.00	0.000 (iii)
TIME TO PEAK	(hrs)=	1.85	2.53	2.53
RUNOFF VOLUME	(mm)=	8.33	0.58	0.51
TOTAL RAINFALL	(mm)=	9.33	9.33	9.33
RUNOFF COEFFICIENT	=	0.89	0.06	0.05

***** WARNING: STORAGE COEFF. IS SMALLER THAN TIME STEP!
***** WARNING:FOR AREAS WITH IMPERVIOUS RATIOS BELOW 20%
YOU SHOULD CONSIDER SPLITTING THE AREA.

(i) CN PROCEDURE SELECTED FOR PERVIOUS LOSSES:
CN* = 80.0 Ia = Dep. Storage (Above)
(ii) TIME STEP (DT) SHOULD BE SMALLER OR EQUAL
THAN THE STORAGE COEFFICIENT.
(iii) PEAK FLOW DOES NOT INCLUDE BASEFLOW IF ANY.

ADD HYD (0026)		AREA	QPEAK	TPEAK	R.V.
1 + 2 = 3		(ha)	(cms)	(hrs)	(mm)
	ID1= 1 (0206):	0.13	0.000	2.53	0.25
	+ ID2= 2 (0207):	0.25	0.000	2.53	0.51
	ID = 3 (0026):	0.38	0.000	2.53	0.42

NOTE: PEAK FLOWS DO NOT INCLUDE BASEFLOWS IF ANY.

FINISH

Appendix D

SWM Facility Design

Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

Project Number: 49428-100
Date: September 30, 2021
File: Q:\49428\100\SWM\Preliminary\[49428-100 -Preliminary SWM Analysis.xlsx]WQ Vol FB1

Preliminary SWM Facility Sizing - Sediment Forebay No. 1

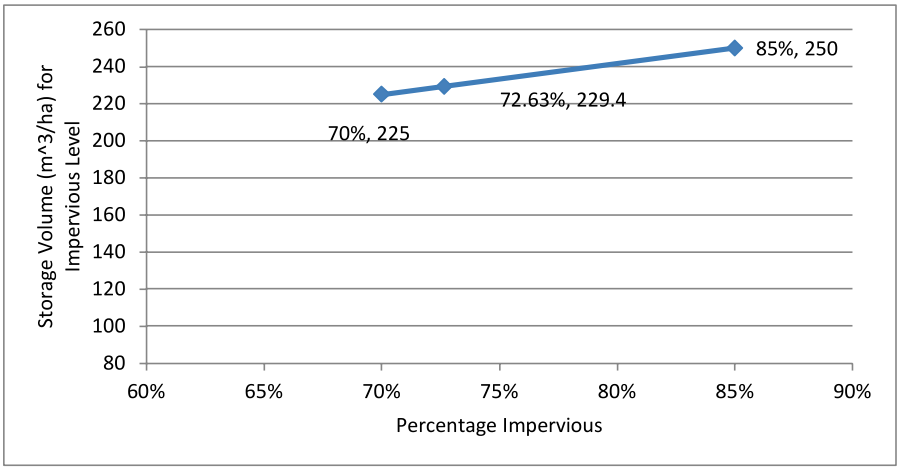
Contributing Land Areas - All

Catchment	Area (ha)	% Impervious	A*I
204	16.91	75%	12.68
212	1.77	50%	0.89
Total	18.68	72.63%	13.57

MOE Table 3.2 Water Quality Storage Requirements based on Receiving Waters

Protection Level	SWMP Type	Storage Volume (m^3/ha) for Impervious Level			
		35%	55%	70%	85%
Enhanced 80% long-term S.S. removal	Infiltration	25	30	35	40
	Wetlands	80	105	120	140
	Hybrid Wet Pond/Wetland	110	150	175	195
	Wet Pond	140	190	225	250
Normal 70% long term S.S. removal	Infiltration	20	20	25	30
	Wetlands	60	70	80	90
	Hybrid Wet Pond/Wetland	75	90	105	120
	Wet Pond	90	110	130	150
Basic 60% long-term S.S. removal	Infiltration	20	20	20	20
	Wetlands	60	60	60	60
	Hybrid Wet Pond/Wetland	60	70	75	80
	Wet Pond	60	75	85	95
	Dry Pond (Continuous Flow)	90	150	200	240

Wet Pond
Total Contributing Area = 18.68 ha
Percentage Impervious = 72.6%
Protection Level = Enhanced



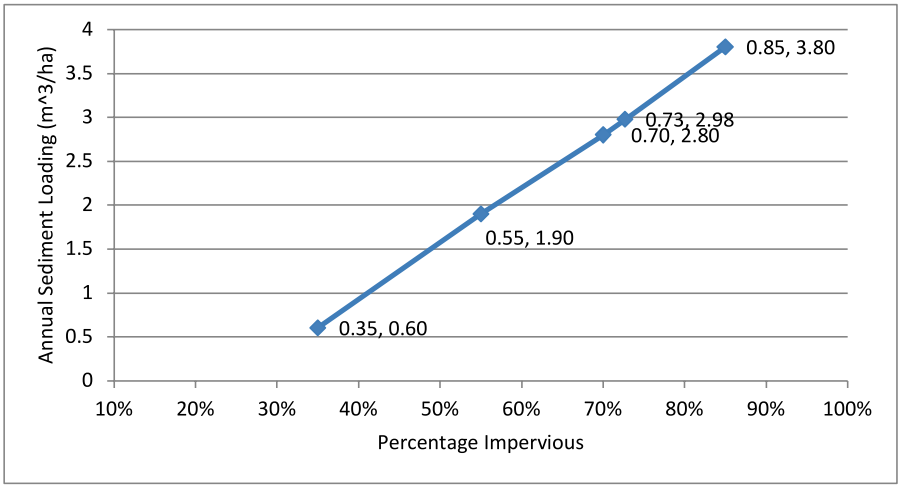
Required Storage Volume =	**229.4**	**m^3/ha =**	**4285 m^3**
Extended Detention =	**40**	**m^3/ha =**	**747 m^3**
Permanent Pool =	**189.4**	**m^3/ha =**	**3538 m^3**

POND CLEANOUT FREQUENCY

Annual Sediment Loadings - MOE Table 6.3

Catchment Imperviousness	Annual Loading (m^3/ha)	
35%	0.6	
55%	1.9	
70%	2.8	
72.6%	2.98	Interpolated
85%	3.8	

Average Catchment Impervious 72.63%
Total WQ Catchment Area 18.68 ha



Annual Loading	2.98	m^3/ha/year
	55.6	m^3/year
Forebay Volume to Design Max. Sediment Depth	590	m^3
Clean-out Frequency	**10.6**	years (using only Forebay volume)

Pond Sediment Forebay Volume

Elevation (m)	Stage (m)	Area (m^2)	Inc. Vol. (m^3)	Cum. Vol (m^3)	Notes
180.80	0	381	0	0	Bottom
180.90	0.1	409	40	40	
181.00	0.2	437	42	82	
181.10	0.3	465	45	127	
181.20	0.4	493	48	175	
181.30	0.5	521	51	226	
181.40	0.6	549	54	279	
181.50	0.7	578	56	335	
181.60	0.8	607	59	395	
181.70	0.9	637	62	457	
181.80	1	667	65	522	
181.90	1.1	698	68	590	Design Sediment Removal Depth
182.00	1.2	730	71	662	
182.10	1.3	763	75	736	
182.20	1.4	796	78	814	
182.30	1.5	830	81	896	
182.40	1.6	868	85	981	
182.50	1.7	925	90	1070	
182.60	1.8	986	96	1166	
182.70	1.9	1,050	102	1268	
182.80	2	1,115	108	1376	PWL

Pond Main Cell Volume

Elevation (m)	Stage (m)	Area (m^2)	Inc. Vol. (m^3)	Cum. Vol (m^3)	Notes
181.30	0	4025	0	0	Bottom
181.40	0.1	4108	407	407	
181.50	0.2	4193	415	822	
181.60	0.3	4278	424	1245	
181.70	0.4	4364	432	1677	
181.80	0.5	4450	441	2118	
181.90	0.6	4538	449	2567	
182.00	0.7	4626	458	3026	
182.10	0.8	4714	467	3493	
182.20	0.9	4804	476	3969	
182.30	1	4894	485	4453	
182.40	1.1	5009	495	4949	
182.50	1.2	5194	510	5459	
182.60	1.3	5384	529	5988	
182.70	1.4	5578	548	6536	
182.80	1.5	5770	567	7103	

Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

Project Number: 49428-100
Date: September 30, 2021
File: Q:\49428\100\SWM\Preliminary\[49428-100 -Preliminary SWM Analysis.xlsx]WQ Vol FB2

Preliminary SWM Facility Sizing - Sediment Forebay No. 2

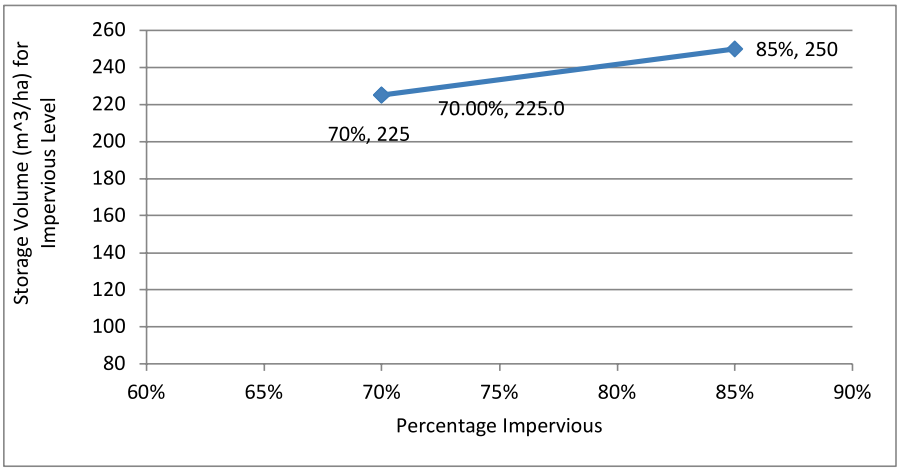
Contributing Land Areas

Catchment	Area (ha)	% Impervious	A*I
211	0.18	70%	0.13
Total	0.18	70.00%	0.13

MOE Table 3.2 Water Quality Storage Requirements based on Receiving Waters

Protection Level	SWMP Type	Storage Volume (m^3/ha) for Impervious Level			
		35%	55%	70%	85%
Enhanced 80% long-term S.S. removal	Infiltration	25	30	35	40
	Wetlands	80	105	120	140
	Hybrid Wet Pond/Wetland	110	150	175	195
	Wet Pond	140	190	225	250
Normal 70% long term S.S. removal	Infiltration	20	20	25	30
	Wetlands	60	70	80	90
	Hybrid Wet Pond/Wetland	75	90	105	120
	Wet Pond	90	110	130	150
Basic 60% long-term S.S. removal	Infiltration	20	20	20	20
	Wetlands	60	60	60	60
	Hybrid Wet Pond/Wetland	60	70	75	80
	Wet Pond	60	75	85	95
	Dry Pond (Continuous Flow)	90	150	200	240

Wet Pond
Total Contributing Area = 0.18 ha
Percentage Impervious = 70.0%
Protection Level = Enhanced



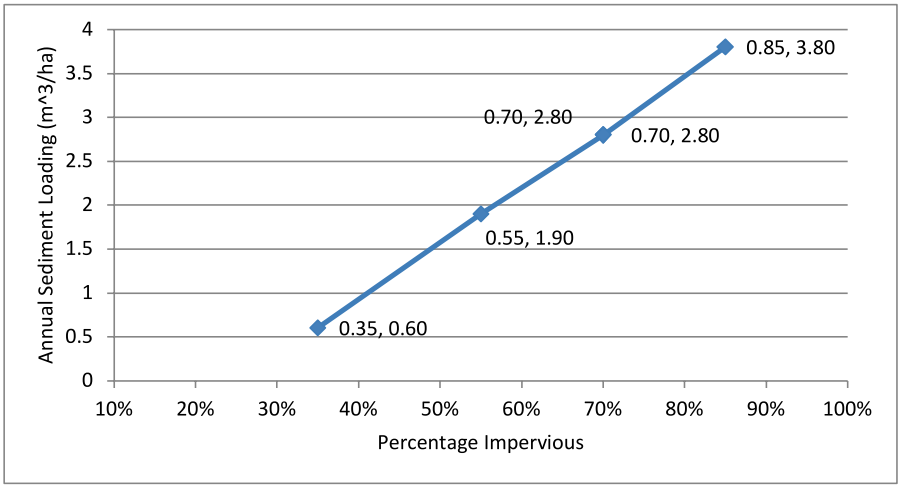
Required Storage Volume =	**225.0**	**m^3/ha =**	**41 m^3**
Extended Detention =	**40**	**m^3/ha =**	**7 m^3**
Permanent Pool =	**185.0**	**m^3/ha =**	**33 m^3**

FOREBAY No. 2 CLEANOUT FREQUENCY

Annual Sediment Loadings - MOE Table 6.3

Catchment Imperviousness	Annual Loading (m^3/ha)	
35%	0.6	
55%	1.9	
70%	2.8	
70.0%	2.80	Interpolated
85%	3.8	

Average Catchment Impervious	70.00%	
Total WQ Catchment Area	0.18	ha



Annual Loading	2.80	m^3/ha/year
	0.5	m^3/year
Forebay Volume to Design Max. Sediment Depth	92	m^3
Clean-out Frequency	**181.6**	years (using only Forebay volume)

Pond Sediment Forebay Volume

Elevation (m)	Stage (m)	Area (m^2)	Inc. Vol. (m^3)	Cum. Vol (m^3)	Notes
181.30	0.00	108	0	0	Bottom
181.40	0.1	123	12	12	
181.50	0.2	138	13	25	
181.60	0.3	153	15	39	
181.70	0.4	167	16	55	
181.80	0.5	182	17	73	
181.90	0.6	197	19	92	Design Sediment Removal Depth
182.00	0.7	212	20	112	
182.10	0.8	227	22	134	
182.20	0.9	242	23	157	
182.30	1	257	25	182	
182.37	1.07	267	18	201	
182.50	1.2	330	39	239	
182.60	1.3	379	35	275	
182.70	1.4	428	40	315	
182.80	1.5	477	45	361	PWL

Pond Main Cell Volume

Elevation (m)	Stage (m)	Area (m^2)	Inc. Vol. (m^3)	Cum. Vol (m^3)	Notes
181.30	0	4025	0	0	Bottom
181.40	0.1	4108	407	407	
181.50	0.2	4193	415	822	
181.60	0.3	4278	424	1245	
181.70	0.4	4364	432	1677	
181.80	0.5	4450	441	2118	
181.90	0.6	4538	449	2567	
182.00	0.7	4626	458	3026	
182.10	0.8	4714	467	3493	
182.20	0.9	4804	476	3969	
182.30	1	4894	485	4453	
182.40	1.1	5009	495	4949	
182.50	1.2	5194	510	5459	
182.60	1.3	5384	529	5988	
182.70	1.4	5578	548	6536	
182.80	1.5	5770	567	7103	

Highway 20 & Thorold Townline Road Subdivision

Preliminary Stormwater Management

Thorold, Ontario

Project Number: 49428-100
Date: October 23, 2023
File: Q:\49428\100\SWM\Preliminary\49428-100 Stage-Storage-Discharge Relationship and Drawdown.xlsm

STAGE-STORAGE RELATIONSHIP

Stage	Active Depth	Forebay (Permanent Pool)			Main Pond			Total Pond Volume	Active Storage Volume	Volume Summary		Comments	Stage
		Area	Volume	Cumulative Volume	Area	Volume	Cumulative Volume						
m	*m*	m^2	m^3	m^3	m^2	m^3	m^3	m^3	m^3	m^3			*m*
180.80		381	0	0				*0*				Bottom of Forebay	180.80
180.90		409	40	40				40					180.90
181.00		437	42	82				82					181.00
181.10		465	45	127				127					181.10
181.20		493	48	175				175					181.20
181.30		521	51	226	4,024.649	0	0	226				Bottom of Main Pool	181.30
181.40		549	54	279	4,108.139	407	407	686					181.40
181.50		578	56	335	4,192.739	415	822	1157					181.50
181.60		607	59	395	4,277.983	424	1245	1640					181.60
181.70		637	62	457	4,363.897	432	1677	2134					181.70
181.80		667	65	522	4,450.486	441	2118	2640					181.80
181.90		698	68	590	4,537.746	449	2567	3158				Sediment Removal Depth	181.90
182.00		730	71	662	4,625.677	458	3026	3687					182.00
182.10		763	75	736	4,714.285	467	3493	4229					182.10
182.20		796	78	814	4,803.586	476	3969	4783					182.20
182.30		830	81	896	4,893.596	485	4453	5349					182.30
182.40		868	85	981	5,009.089	495	4949	5929					182.40
182.50		925	90	1070	5,193.950	510	5459	6529					182.50
182.60		986	96	1166	5,383.772	529	5988	7153					182.60
182.70		1,050	102	1268	5,577.621	548	6536	7803					182.70
182.80		1,115	108	1376	5,769.661	567	7103	8479		8479		Permanent Pool Elevation	182.80
182.80	0.00				6,977.606	0	0	8479	0				182.80
182.90	0.10				7,213.364	710	710	9188	710	768	182.91	25mm Event	182.90
183.00	0.20				7,451.722	733	1443	9922	1443				183.00
183.10	0.30				7,692.990	757	2200	10679	2200				183.10
183.20	0.40				7,939.204	782	2982	11460	2982				183.20
183.30	0.50				8,144.075	804	3786	12265	3786				183.30
183.40	0.60				8,333.612	824	4610	13088	4610				183.40
183.50	0.70				8,523.706	843	5453	13931	5453				183.50
183.60	0.80				8,713.471	862	6314	14793	6314	5565	183.52	1:2 Year Event	183.60
183.70	0.90				8,904.099	881	7195	15674	7195	6595	183.64	1:5 Year Event	183.70
183.80	1.00				9,095.984	900	8095	16574	8095	7498	183.74	1:10 Year Event	183.80
183.90	1.10				9,297.022	920	9015	17494	9015	8877	183.89	1:25 Year Event	183.90
184.00	1.20				9,497.662	940	9955	18433	9955	9915	184.00	1:50 Year Event	184.00
184.10	1.30				9,696.934	960	10914	19393	10914	11081	184.12	1:100 Year Event	184.10
184.20	1.40				9,892.420	979	11894	20373	11894			Emergency Overflow Weir	184.20
184.30	1.50				10,090.821	999	12893	21372	12893				184.30
184.40	1.60				10,293.559	1019	13912	22391	13912				184.40
184.50	1.70				10,493.966	1039	14952	23430	14952				184.50
184.60	1.80				10,681.355	1059	16010	24489	16010				184.60
184.70	1.90				10,872.927	1078	17088	25567	17088				184.70
184.80	2.00				11,068.805	1097	18185	26664	18185			Maximum Ponding	184.80
184.90	2.10				11,269.510	1117	19302	27781	19302				184.90
185.00	2.20				11,477.820	1137	20439	28918	20439				185.00
185.10	2.30				11,695.329	1159	21598	30077	21598			Freeboard	185.10

Highway 20 & Thorold Townline Road Subdivision

Preliminary Stormwater Management

Thorold, Ontario

Project Number: 49428-100
Date: October 23, 2023
File: Q:\49428\100\SWM\Preliminary\49428-100 Stage-Storage-Discharge Relationship and Drawdown.xlsm

Orifice Calculations

$Q_o = C_d * A_o * (2 * g * H_o)^{0.5}$

	Orifice 1		Orifice 2	Orifice 3
C_d	0.63		0.63	0.63
Invert (m)	182.8		183.2	500
Width (m)	0.00		0.00	0.00
Diameter/Height (m)	0.100		0.600	0.00
Type (H/V)	V		V	V

Cd	Description
0.63	Orifice Plate
0.82	Eccentric Reducer

Weir Calculations

$Q_w = 2/3 * C_d * (2g)^{1/2} * L * H_w^{3/2} + 8/15 * C_d * (2g)^{1/2} * \tan\theta * H_w^{5/2}$

Cw	0.50
Invert (m)	184.2
Length (m)	2.5
Side Slope (H:V)	3
Side Slope (rad)	1.249

STAGE-DISCHARGE RELATIONSHIP

Stage	Active Volume		Orifice 1			Orifice 2			Orifice 3			Weir Flow	Total Flow		Average Discharge	Increment Volume	Increment Dewatering Time	Extended Detention	Erosion Control
			Area	H_o	Flow	Area	H_o	Flow	Area	H_o	Flow							Cumulative Dewatering Time	Cumulative Dewatering Time
m	m^3	*ha.m*	m^2	*m*	m^3/s	m^2	*m*	m^3/s	m^2	*m*	m^3/s	m^3/s	m^3/s		m^3/s	m^3	*hours*	*hours*	*hours*
182.80	0	0.0000	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.00	0.0000	0.0000	0.0000		0.0025	710	80.43	150.64	169.57
182.90	710	0.0710	0.01	0.05	0.0049	0.00	0.00	0.0000	0.00	0.00	0.0000	0.0000	0.0049		0.0067	733	30.42	70.21	89.13
183.00	1443	0.1443	0.01	0.15	0.0085	0.00	0.00	0.0000	0.00	0.00	0.0000	0.0000	0.0085		0.0097	757	21.63	39.78	58.71
183.10	2200	0.2200	0.01	0.25	0.0110	0.00	0.00	0.0000	0.00	0.00	0.0000	0.0000	0.0110		0.0120	782	18.15	18.15	37.07
183.20	2982	0.2982	0.01	0.35	0.0130	0.00	0.00	0.0000	0.00	0.00	0.0000	0.0000	0.0130		0.0235	804	9.51		18.92
183.30	3786	0.3786	0.01	0.45	0.0147	0.03	0.05	0.0193	0.00	0.00	0.0000	0.0000	0.0340		0.0615	824	3.72		9.42
183.40	4610	0.4610	0.01	0.55	0.0163	0.08	0.10	0.0728	0.00	0.00	0.0000	0.0000	0.0891		0.1298	843	1.80		5.70
183.50	5453	0.5453	0.01	0.65	0.0177	0.14	0.15	0.1528	0.00	0.00	0.0000	0.0000	0.1705		0.2197	862	1.09		3.90
183.60	6314	0.6314	0.01	0.75	0.0190	0.20	0.20	0.2499	0.00	0.00	0.0000	0.0000	0.2689		0.3202	881	0.76		2.81
183.70	7195	0.7195	0.01	0.85	0.0202	0.25	0.25	0.3513	0.00	0.00	0.0000	0.0000	0.3715		0.4125	900	0.61		2.04
183.80	8095	0.8095	0.01	0.95	0.0214	0.28	0.30	0.4322	0.00	0.00	0.0000	0.0000	0.4535		0.4875	920	0.52		1.44
183.90	9015	0.9015	0.01	1.05	0.0225	0.28	0.40	0.4990	0.00	0.00	0.0000	0.0000	0.5215		0.5514	940	0.47		0.91
184.00	**9955**	**0.9955**	**0.01**	**1.15**	**0.0235**	**0.28**	**0.50**	**0.5579**	**0.00**	**0.00**	**0.0000**	**0.0000**	**0.5814**		**0.6085**	**960**	**0.44**		**0.44**
184.10	10914	1.0914	0.01	1.25	0.0245	0.28	0.60	0.6112	0.00	0.00	0.0000	0.0000	0.6357						
184.20	11894	1.1894	0.01	1.35	0.0255	0.28	0.70	0.6601	0.00	0.00	0.0000	0.0000	0.6856						
184.30	**12893**	**1.2893**	**0.01**	**1.45**	**0.0264**	**0.28**	**0.80**	**0.7057**	**0.00**	**0.00**	**0.0000**	**0.1279**	**0.8600**						
184.40	13912	1.3912	0.01	1.55	0.0273	0.28	0.90	0.7485	0.00	0.00	0.0000	0.3935	1.1693						
184.50	14952	1.4952	0.01	1.65	0.0282	0.28	1.00	0.7890	0.00	0.00	0.0000	0.7812	1.5984						
184.60	16010	1.6010	0.01	1.75	0.0290	0.28	1.10	0.8275	0.00	0.00	0.0000	1.2924	2.1489						
184.70	17088	1.7088	0.01	1.85	0.0298	0.28	1.20	0.8643	0.00	0.00	0.0000	1.9315	2.8256						
184.80	18185	1.8185	0.01	1.95	0.0306	0.28	1.30	0.8996	0.00	0.00	0.0000	2.7037	3.6339						
184.90	19302	1.9302	0.01	2.05	0.0314	0.28	1.40	0.9336	0.00	0.00	0.0000	3.6145	4.5795						
185.00	20439	2.0439	0.01	2.15	0.0321	0.28	1.50	0.9663	0.00	0.00	0.0000	4.6697	5.6681						
185.10	21598	2.1598	0.01	2.25	0.0329	0.28	1.60	0.9980	0.00	0.00	0.0000	5.8746	6.9055						

Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

Project Number: 49428-100
Date: October 12, 2023
File: Q:\49428\100\SWM\Preliminary\[49428-100 -Preliminary SWM Analysis.xlsx]Det Time C1

Preliminary SWM Facility Sizing

DETENTION TIME CALCULATION FOR EXTENDED DETENTION VOLUME

Pond drawdown time can be estimated using Equation 4.10
(MOEE SWMP Planning & Design Manual)

$$t = \frac{2A_p}{CA_o(2g)^{0.5}}\left(h_1^{0.5} - h_2^{0.5}\right)$$

t = drawdown time in seconds	=	to be calculated	
Ap = surface area of the pond (m^2)	=	**7154**	(Avg. Surface Area between h_1 & h_2)
C = discharge coefficient	=	0.63	
D = diameter of controlling orifice (m)	=	**0.100**	
Ao = cross-sectional area of orifice (m^2)	=	0.00785	
g = acceleration due to gravity (m/s^2)	=	9.81	
Orifice invert elevation (m)	=	***182.800***	(Permanent Pool Elev.)
Orifice centreline elevation (m)	=	182.850	
Extended detention elevation (m)	=	***182.906***	
h_1 = starting water level above orifice (m)	=	0.0560	
h_2 = ending water level above orifice (m)	=	0.00	

t = 154487 seconds = 42.9 hours

Thorold Townline
Lundy's Lane & Thorold Townline
Preliminary Stormwater Management

Stormwater Management

Project Number: 49428-100
Date: October 24, 2023
File: Q:\49428\100\SWM\Channel Calculations\[49428-100 SWM Pond Channel calcs.xlsx]Forebay Bypass
Prepared by: SXA

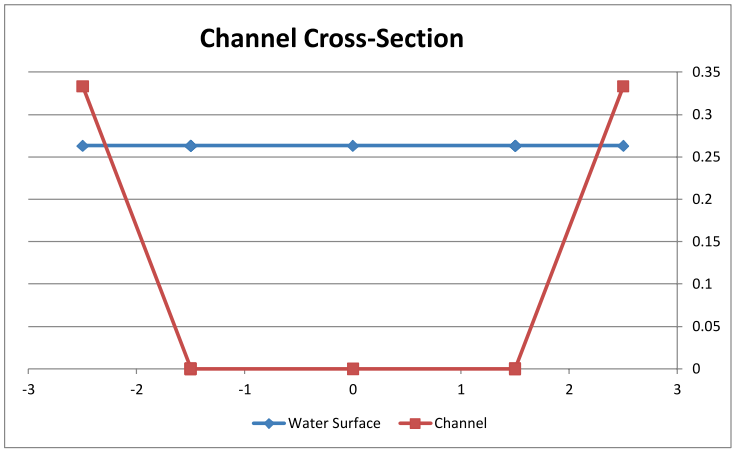
SWM Pond Forebay By-Pass Inlet Channel

This channel conveys MAJOR flow to the Main Cell of the Pond.

Channel Flow Q = V*A where Q = flow capacity (m^3/s)
V= flow velocity = (1/n)*R^(2/3)*S^(1/2) (m/s) (Manning's Equation)
n = Manning's roughness coefficient
R = hydraulic radius = A/P (m)
A = cross-sectional area of flow (m^2)
P = wetted perimeter (m)
S = slope (m/m)

Symmetrical Channel Geometry:

Low Flow Bottom Width:	3.00	m
Low Flow Channel Depth:	0	m
Low Flow Channel Side Slopes:	0	:1
Overbank Width:	0.00	m
Overbank Slopes:	3	:1
Overbank Side Slopes:	3	:1
Overbank Depth:	0.333	m
Total Channel Depth:	0.33	m
Total Channel Width:	5.00	m



Desired Q(100-5) =	2.818	m^3/s	Q_{bypass} = Q100 - piped Q5 =	6.422 -3.604	2.818
Calculated Q =	**2.818**	**m^3/s**			
Error E =	6.73085E-05	**Solve for E = 0 by changing d**			

Flow depth d =	**0.263**	**m**
n =	0.04	
S =	0.1	m/m
A =	0.997010616	m^2
P =	4.66405375	m
R =	0.213764821	m
V =	2.83	m/s

Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

Project Number: 49428-100
Date: November 22, 2023
File: Q:\49428\100\SWM\Preliminary\[49428-100 -Preliminary SWM Analysis.xlsx] Forebay 2

SWM Facility Sizing

PRELIMINARY SEDIMENT FOREBAY SIZING - Sediment Forebay No. 1

Based on MOE SWMP Planning & Design Manual

Length Based on Settling Velocity

$$L = \sqrt{\frac{r\,Q_p}{v_s}}$$

L = 10.33 m

r : 1 = length to width ratio — r = 4
Q_p = peak SWM outflow during quality storm — Q_p = 0.008
v_s = settling velocity for 0.15 mm particles (m/s) — v_s = 0.0003

Dispersion Length

$$L_D = \frac{8\,Q}{d\,v_f}$$

L_D = 22.05 m

Q = Inlet pipe to SWM facility - 1500mmØ at 0.22% (m^3/s) — Q = 2.756
d = depth of perm pool in forebay (m) — d = 2
v_f = desired vel in forebay (m/s) — v_f = 0.5

Check Scour Velocity

v = Q/A
v = **0.0787 m/s**

b = bottom width (avg) of forebay (m) — b = 7.5
Q = inlet flow (m^3/s) — Q = 2.756
A = cross-sectional area (m^2) — A = 35
Target velocity = 0.15 m/s — V_{targ} = 0.15

Therefore, **Velocity Target Satisfied**

Required Forebay Length = 22.05 m
Forebay Length Provided = 30.0 m. Therefore criterion satisfied.

Highway 20 & Thorold Townline Road Subdivision
Preliminary Stormwater Management
Thorold, Ontario

Project Number: 49428-100
Date: November 22, 2023
File: Q:\49428\100\SWM\Preliminary\[49428-100 -Preliminary SWM Analysis.xlsx] Forebay 2

SWM Facility Sizing

PRELIMINARY SEDIMENT FOREBAY SIZING - Sediment Forebay No. 2

Based on MOE SWMP Planning & Design Manual

Length Based on Settling Velocity

$$L = \sqrt{\frac{r\,Q_p}{v_s}}$$

L = 5.16 m

r : 1 = length to width ratio — r = 1
Q_p = peak SWM outflow during quality storm — Q_p = 0.008
v_s = settling velocity for 0.15 mm particles (m/s) — v_s = 0.0003

Dispersion Length

$$L_D = \frac{8\,Q}{d\,v_f}$$

L_D = 0.73 m

Q = Inlet pipe to SWM facility - 300mmØ at 0.5% (m^3/s) — Q = 0.068
d = depth of perm pool in forebay (m) — d = 1.5
v_f = desired vel in forebay (m/s) — v_f = 0.5

Check Scour Velocity

v = Q/A
v = **0.0026 m/s**

Therefore, **Velocity Target Satisfied**

b = bottom width (avg) of forebay (m) — b = 10
Q = inlet flow (m^3/s) — Q = 0.068
A = cross-sectional area (m^2) — A = 26.25
Target velocity = 0.15 m/s — V_{targ} = 0.15

Required Forebay Length = 5.16 m
Forebay Length Provided = 10.0 m. Therefore criterion satisfied.

Appendix E

Pond SWM Facility Operations & Maintenance Manual

Highway 20 & Thorold Townline Road Subdivision

Operations & Maintenance Manual

Wet Pond Stormwater Management Facility

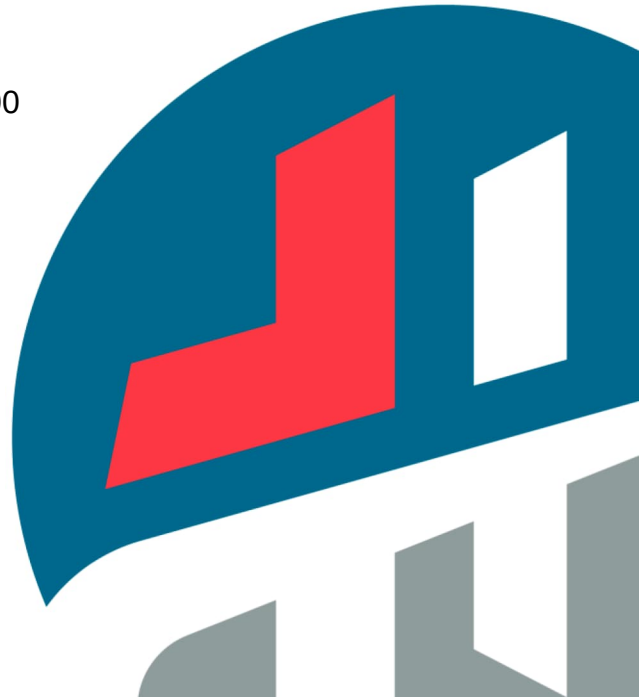
Project Location:
13030 Lundy's Lane (Highway 20), Thorold, ON

Prepared for:
RUDANCO Hospitality Corporation

Prepared by:
MTE Consultants
1016 Sutton Drive, Unit A
Burlington, ON L7L 6B8

October 25, 2023

MTE File No.: 49428-100



Engineers, Scientists, Surveyors.

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1.0 Introduction

The Highway 20 & Thorold Townline Road Subdivision development is located at 13030 Lundy's Lane, Thorold, Ontario (see **Figure 1.0** for location plan). Stormwater management (SWM) facility Pond is located northeast of the Street A/Street B intersection and discharges to Thorold Townline Road ditch to Beaver Dams Creek. Water quality and quantity control for runoff from the majority of the site, as well as external upstream areas, is provided by this wet pond SWM facility.

The purpose of this manual is to describe and document an operations and maintenance approach for the onsite SWM measures. It is intended to be used by the developer prior to change in ownership of the facilities to the City of Thorold, as well as by the municipality following change in ownership for long term maintenance and monitoring. The plan generally consists of regular site inspections and routine maintenance to ensure the facilities continue to function at design efficiency and benefit the surrounding environment.

1.1 References

The following documentation was consulted in the preparation of this operations and maintenance manual:

- Ref. 1: *Stormwater Management Planning and Design Manual, Ministry of the Environment (March 2003).*
- Ref. 2: *Storm Water Management Facility Sediment Maintenance Guide, Greenland International Consulting Inc. (August 1999).*
- Ref. 3: *Highway 20 & Thorold Townline Road Subdivision Preliminary Stormwater Management Report*, MTE Consultants Inc. (November 23, 2023)

Figure 1.0 – Site Location Plan

2.0 Stormwater Management Facility Overview

The design criteria and operational characteristics of the SWM facilities are summarized below. For a detailed discussion on SWM facility design, analysis, and expected facility performance, the reader should refer to the Stormwater Management Report for the project (Ref. 3).

2.1 Stormwater Management Criteria

2.1.1 Water Quality Control

Storm runoff from the majority of the site is captured by the internal storm sewer system which discharges to Thorold Townline Road ditch to Beaver Dams Creek. SWM criteria for site runoff require “Enhanced” water quality treatment (80% TSS removal) prior to discharging into the receiving system. As such, required treatment of the surface runoff is provided by the wet pond SWM facility located near the northeast limits of the Subject Lands.

2.1.2 Water Quantity Control

Required post-development peak flow reduction to pre-development levels is provided for the site by the wet pond SWM facility.

2.2 SWM Facility Design Features and Components

Table 2.1 summarizes some of the design characteristics of the Pond and Table 2.2 summarizes the facility ponding levels during the various design storm events. Please refer to the previously noted SWM report for additional information.

Table 2.1 – Pond C1 Design and Operational Characteristics

SWM Facility Elevations and Volumes		
Aspect	**Elevation (m)**	**Storage Volume (m^3)**
Pond Bottom	180.80	0
Permanent Pool Elevation; 85mm dia. Orifice Invert	182.80	8479 Dead 0 Live
Enhanced WQ Storage Volume	182.91	768
600mm dia. Orifice Invert	183.20	2982
Weir Crest Elevation	184.20	11894
Top of Freeboard	185.10	21598

Table 2.2 – Summary of SWM Facility Ponding Elevations

Storm Event	Maximum Ponding Elevation (m)
25mm WQ	182.91
2 Year Storm Event	183.52
5 Year Storm Event	183.64
10 Year Storm Event	183.74
25 Year Storm Event	183.89
50 Year Storm Event	184.00
100 Year Storm Event	184.12

Other key features of the SWM facilities include:

- An inlet headwall structure to the Sediment Forebay.
- A low-flow outflow orifice.
- A forebay bypass inlet channel.
- An outlet spillway with rip rap protection.
- An outlet channel with rip rap protection; and
- A Maintenance Access path.

3.0 Pond C1 Stormwater Management Facility Maintenance

3.1 Maintenance Inspections

The inspection plan for the Pond SWM facility consists of visual site inspections and sediment depth measurements that will identify potential maintenance and safety issues requiring corrective actions.

3.1.1 Inspection Recommendations Specific to Construction Phase

During the construction phase, there is the potential for large land areas to be stripped of natural vegetative cover, thereby increasing sediment loading. Prior to the development of the site and installation of any associated SWM facility, a temporary sediment basin (TSB) shall be constructed per the Erosion & Sediment Control plans to allow for sediment capture as a result of construction activity. When construction is taking place, regular inspections should be made of the specified erosion and sediment control measures to ensure they are in place and functioning. These measures are detailed on the engineering design drawings for the site.

The erosion and sedimentation control plans specify several measures that are to be in place during the construction phase including:

- Mud Mats at proposed construction access locations.
- Sediment control fencing around the site and stockpiles.
- Temporary sediment basin outlet pipe and spreader berm.
- Sediment control fencing downstream of the TSB outlet pipe to prevent sediment discharge to the receiving watercourse.
- Rock check dams; and
- Silt sack sediment capture devices in existing and proposed catchbasins.

Each of these measures is to be regularly inspected and cleaned/replaced as necessary such that the intended function is maintained.

3.1.2 Visual Inspections

Visual inspections are intended to survey the overall condition of the SWM facility and surrounding area. In the period following construction of the facility (2 years), visual inspections are recommended to be conducted four (4) times per year (one per season) and after any significant rainfall events. For the purposes of this manual, a "significant" event is generally when the total precipitation from an isolated storm event is greater than 15 mm. If the seasonal inspections are completed in conjunction with the significant rain events, inspections that address additional significant rain events may result in an additional two or three inspections per year.

Following the initial 2-year period after construction of the facility, the frequency of monitoring could potentially be reduced based on a familiarity with pond operations and an acceptable level of performance. It is recommended that at a minimum, one visit continue to occur each spring, as well as another visit following a summer or autumn significant rainfall event.

Inspections can be conducted by a single person over a period of 1-3 hours. A detailed inspection checklist is provided in Attachment "A" which can be used to identify the status of inspection items. Copies of completed inspection checklists, as well as any associated photographs, should be stored together to form complete documentation of the ongoing condition of the facility. Recommendations or requirements for pond maintenance are to be clearly communicated to the facility Owner for implementation. Documentation associated with any maintenance or cleanout activities is to be stored with the inspection reports.

In general (details on inspection checklist in Attachment "A"), items that should be observed and noted during a visual inspection of the facility include:

- Litter, debris and trash buildup in and around the facility.
- Clogging of inlet and outlet structures, including interior of Maintenance Holes.
- Erosion of internal or external berms or excessive erosion at facility inlet/outlet structures.
- Landscaping conditions.
- Obvious sediment buildup or sediment plumes, particularly at pond inlet, which could indicate that upstream erosion controls (during construction within the catchment areas) are not working properly or are absent.
- Condition of structures (headwalls, weirs, outlet manhole, etc.).

In addition to the above, items that may be unsafe or cause damage or injury to the public should be identified and noted. These may include, but are not limited to:

- Vandalism to components within the facility, safety grates / lids removed or damaged.
- Settlement along areas accessible to pedestrians.
- Slope erosion or other scouring in areas that pedestrians may access.
- Gate across maintenance access in disrepair.

3.1.3 Sediment Depth Measurements

Since the wet pond SWM facility is designed to retain sediment from site runoff, sediment will accumulate in the SWM facility over time. It is recommended that sediment depth measurements be completed each year during the construction phases of development.

Sediment depth measurements should be taken early in the spring season to ensure efficient facility function during the non-winter period (particularly while construction activities are still taking place within the catchment area).

Numerous depth measurements should be taken in the central portions of the SWM facility in order to obtain a reasonable estimate of total accumulated volume. Sediment removal frequency is discussed in Section 3.2.2 of this manual.

Following the completion of construction, sediment loadings will be reduced due to site stabilization, as such the frequency of measurements could be reduced to between 2-5 year intervals.

3.1.4 Outlet Inspection

Visual inspection of the area of the outlet near Thorold Townline Ditch to Beaver Dams Creek should be done seasonally and should include the following aspects:

- Erosion – any soil erosion near the facility outlet should be noted and scheduled for remediation as soon as possible.
- Rip rap outlet to water surface – if it is evident that riprap between the outlet and the receiving stream has moved, it should be replaced to protect the stream overbank from erosion.

3.2 Maintenance Operations

This section identifies the specific tasks required to comply with the monitoring plan described above. The maintenance responsibilities have been separated into general maintenance and sediment removal/disposal, and reflect expected long term maintenance activities.

3.2.1 General Maintenance

General maintenance includes all tasks required for regular facility upkeep:

- Plantings – During the first two years of operation, it is expected that the SWM facility vegetation will require some replanting or enhancement. The condition of the facility vegetation should be noted during the visual inspections and corrective actions noted. A Landscape Architect or experienced contractor should be consulted with respect to the time of planting and type of vegetation.
- Trash Removal – Trash removal will prevent the clogging of inlets and outlets that could impact the operation of the facility. Trash removal should be completed in the spring and then on an as-required basis for the duration of the year.
- Clearing Outlet Structures – During visual inspections, the condition of the outlet manhole and overflow weir for the facility should be observed to ensure that they are free and clear of debris and sediment and to ensure that orifices are able to function properly. Any maintenance of these items should be completed immediately as needed.

3.2.2 Sediment Removal Frequency

Sediment removal should occur when the sediment reaches a depth of 1m in the sediment forebay of the Pond.

3.2.3 Sediment Testing and Disposal

When field measurements show sediment removal is required, the sediment quality must be analyzed to determine the most appropriate method and location of disposal. Sediment samples must be collected from the wet pond. There are currently no government publications dedicated specifically to the disposal of accumulated SWM facility sediment, however, the following documents and regulations provide guidance:

- *Guidelines for the Protection and Management of Aquatic Sediment Quality in Ontario (MOE, August 1993).*
- *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, Ontario Regulation 153/04 (MOE, March 2004).*
- *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, Ontario Regulation 511/09 (MOE, July 2009).*
- *Ontario Environmental Protection Act, (OEPA) Ontario Regulation 347, Schedule 4, Toxicity Characteristic Leaching Procedure Test.*
- *Provincial Water Quality Objectives (MOE, July 1994).*

Two to three sediment samples should be collected from the area of sediment removal and submitted to an accredited laboratory for analysis of the following:

a. Volatile organic compounds (VOCs).
b. Semi-volatile organic compounds (SVOCs).
c. Petroleum Hydrocarbons (PHCs), fractions F1-F4; and
d. Metals.

In addition, one composite sample of the sediment should be collected and submitted for analysis of Ontario Regulation 347 Toxicity Characteristic Leaching Procedure (TCLP) to identify whether contamination levels are high enough to rate the sediment as “registerable

waste" material, requiring proper disposal at a registered landfill facility. This sample should also be analyzed for polychlorinated biphenyls (PCB) and ignitability.

Sediment quality results should be compared to O. Reg. 511/09 Table 1 and Table 2 standards. The TCLP result should be compared to O. Reg. 347, Schedule 4 leachate criteria.

Detailed discussions of sediment chemistry have not been included as it is expected that chemistry from residential catchments has lower contaminant concentrations. The Storm Water Management Facility Sediment Maintenance Guide (Greenland, 1999), along with current environmental regulations (those noted above may be superceded at the time of sediment removal), should be referred to for further information on specific requirements when analysing sediment chemistry.

All work is to be done in accordance with Provincial and Municipal excess soil guidelines and regulations current at the time of the work.

3.2.4 Sediment Removal Techniques

Once it has been determined that sediment removal is required, the following procedures/guidelines provide the general methodology for cleaning the SWM facility:

- If possible, it would be advantageous to conduct sediment removal operations during the dry summer months which provide a greater potential for extended periods of limited inflow into the facility.
- Prior to cleaning, an inventory of the existing SWM facility vegetation should be undertaken in the area proposed for disturbance.
- The wet pool and sediment forebay should be drained of water, and remaining sediment should be allowed to drain. Discharged water should be released through a filter bag or other measure to ensure that sediment is not released to the receiving watercourse.
- Removal of the sediment can be completed with the use of an excavator. It would be preferred to utilize a toothless bucket to avoid significantly altering the pond sides and bottom, in order to reduce landscape restoration costs. If available, a machine equipped with a GPS-enabled control module would facilitate relatively fast and accurate sediment removal.
- Material can be moved directly to the site receiving the sediment via dump trucks.
- Following removal of the accumulated sediment, if required grading can commence to restore the facility to its original condition.
- After sediment removal the facility should be restored with reference to the design engineering and landscape drawings. This would include replanting/replacing damaged vegetation, topsoil replacement, replacing/repairing damaged structures, and removing remnant construction debris.

3.2.5 Maintenance Cost Estimates

Table 3.1 provides a summary of SWM facility maintenance and monitoring items, frequency and estimated costs, based on a review of the *Stormwater Management Planning and Design Manual (MOE, 2003) and the Storm Water Management Facility Sediment Maintenance Guide (Greenland, 1999).*

Table 3.1 – SWM Facility Monitoring and Maintenance Summary

Item	Estimated Frequency	Estimated Cost
Visual Inspection	Four to eight times per year	$2,000-4,000 / year
Sediment Measurement	Once per year	$1,500 / year
Litter/Debris Removal	Once per year	$1,000 / year
Grass Cutting	As required	$250 / per
Weed Control	As required	$2,000 / per
Vegetation Maintenance	Every 5 years	$5,000 / 5 years
Sediment Removal from SWM Facility	Once every 10 to 15 years	$250,000 / cleanout

The cost of some items, such as sediment removal and disposal is highly dependent on how far the sediment will be transported for disposal, if it is deemed hazardous, etc. For these larger maintenance items competitive quotes from qualified contractors will be the best method of determining actual cost. The following assumptions were made in preparing the sediment removal estimate:

- No special sediment dewatering procedures are required.
- Sediment removal will be done with mechanical excavator to load dump trucks.
- All affected vegetation will be completely removed and re-instated.

The final cost can vary substantially from the estimate due to site-specific factors that result from the maintenance operation. Staff responsible for facility maintenance should develop budgets considering that costs of maintenance have the potential to vary significantly. Some of the factors that substantially affect cost are listed below:

- Relative distance to disposal site
- Weather impacts during maintenance operations
- Amount of restoration required after completion
- Costs related to dealing with sediment contamination (not highly anticipated with residential runoff)
- Landfill charges.

Attachment A

Stormwater Management Facility Inspection Report

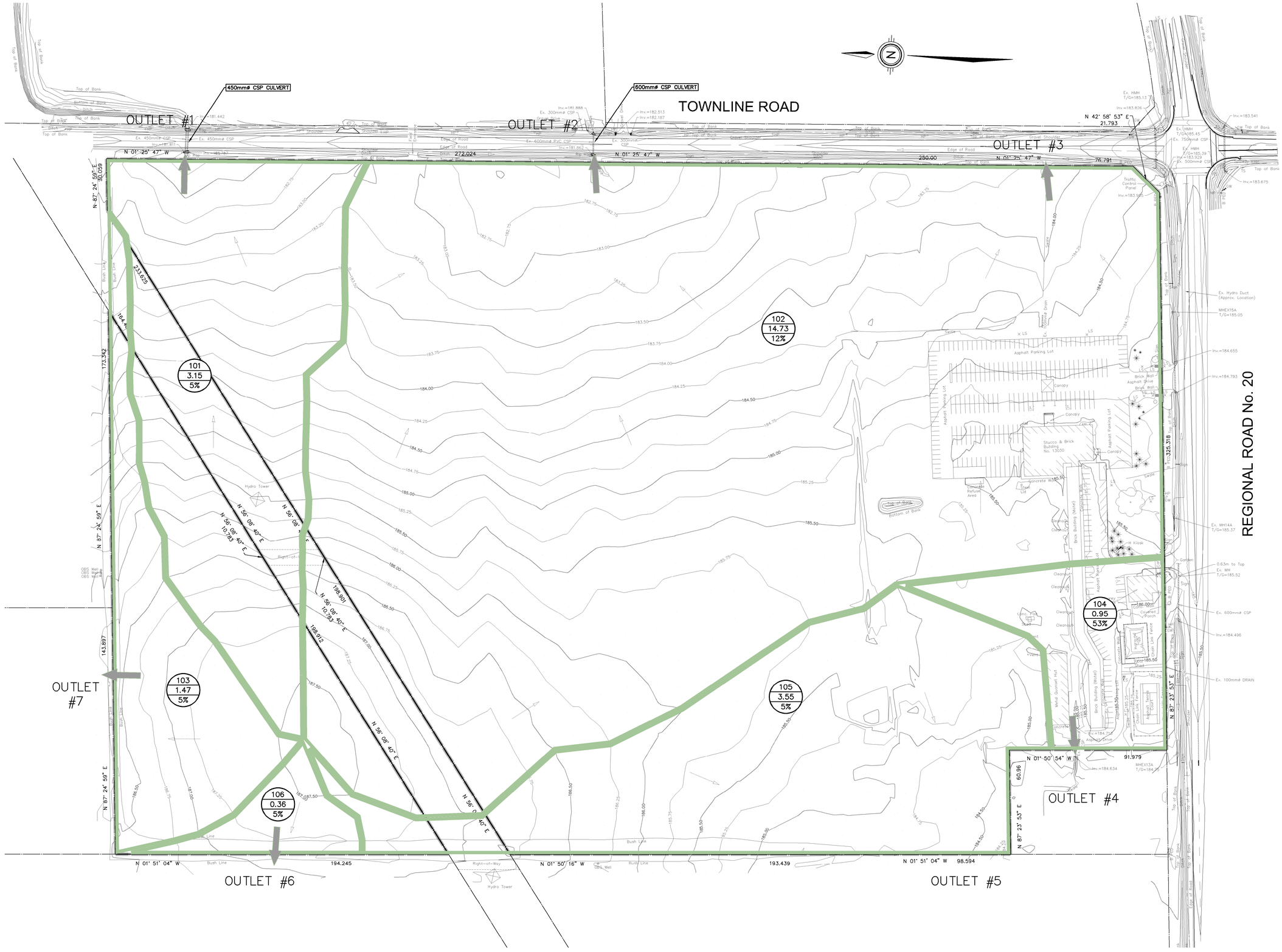
Project Name: **MTE File No:**
Date of Inspection: **Date of Last Rain Event:**
Inspected By: **Event Rainfall (mm):**
Client: **SWM Facility ID:**
Municipality: **Watershed:**
Pond Location:
Status of Acceptance / Construction:
Maintenance History:

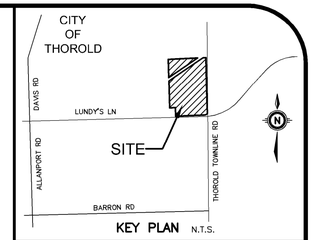
General Conditions				**Comments**
Free of Debris	☐Yes	☐ No	If no, elaborate	
Blockages (Sediment, Trash, Algae, etc.)	☐Yes	☐ No	If yes, elaborate	
Erosion/Evidence of Soil Movement	☐Yes	☐ No	If yes, elaborate	
Access Road Accessible and Clear	☐Yes	☐ No		
Visually Evident Sediment Build Up	☐Yes	☐ No		
Side Slope Conditions	☐Good	☐ Fair	☐ Poor	
Diversion Berm Stability	☐Good	☐ Fair	☐ Poor	
Sediment Forebay Overall Condition	☐Good	☐ Fair	☐ Poor	
Slope Toe Drain Outletting Water	☐Yes	☐ No	☐ N/A	
Facility Permanent Pool Overall Condition	☐Good	☐ Fair	☐ Poor	
Wildlife Activity (Geese, Ducks, etc.)	☐Yes	☐ No	If yes, elaborate	
Landscaping Conditions				
Grass Cover	☐Yes	☐ No		
Landscaping Complete	☐Yes	☐ No		
Stage of Landscaping Growth	☐Lush	☐ Developing	☐ Sparse	
Condition of Fencing	☐Satisfactory	☐ Unsatisfactory	☐ Not Installed	
Condition of Trails/Access Roads	☐Good	☐ Fair	☐ Poor	
Water Conditions				
Water Clarity - Forebay	☐Good	☐ Fair	☐ Poor	
Water Clarity - Wetpond	☐Good	☐ Fair	☐ Poor	
Water Clarity - Wetland	☐Good	☐ Fair	☐ Poor	
Water Inflow at Time of Inspection	☐Yes	☐ No		
Water Outflow at Time of Inspection	☐Yes	☐ No		
Water Sample (TSS) at Inlet	☐Yes	☐ No		
Water Sample (TSS) at Outlet	☐Yes	☐ No		
Elevation of Water to Permanent Pool	☐Above	☐ At	☐ Below	
Estimated Depth of Water Over Forebay Weir:	_____ m	☐		
Staff gauge reading:	_____ m	☐	☐ N/A	
Structure Conditions				
Condition of Oil/Grit Separator	☐Good	☐ Fair	☐ Poor	N/A
Overall Pond Inlet Condition	☐Good	☐ Fair	☐ Poor	
Condition of Overland Flow Route(s)	☐Good	☐ Fair	☐ Poor	
Condition of Splitter Manhole	☐Good	☐ Fair	☐ Poor	
Condition of Headwall	☐Good	☐ Fair	☐ Poor	
Condition of Weirs	☐Good	☐ Fair	☐ Poor	
Condition of Diversion Berm	☐Good	☐ Fair	☐ Poor	
Outlet type Choose an item. Other:		_____		
Overall Condition of Pond Outlet	☐Good	☐ Fair	☐ Poor	
Condition of Emergency Spillway	☐Good	☐ Fair	☐ Poor	
Safety				
Inlet/Outlet Grates Safely Secured	☐Yes	☐ No		
Structure Lids Closed and Locked	☐Yes	☐ No		
Fencing/Hand Rails in Good Condition	☐Yes	☐ No		

Remarks:
cc:

Signature: _____ **Date:** _____

Drawings





KEY PLAN N.T.S.

GEODETIC BM ELEV. = NAm

SITE BENCHMARK ELEV. = NAm

NOTE TO CONTRACTOR :

DO NOT SCALE DRAWINGS.

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

LEGEND

- SITE BOUNDARY
- DRAINAGE AREA
- 101 / 3.45 / 5% — ID No. / AREA (Ha) / % IMPERVIOUS
- EXISTING DIRECTION OF DRAINAGE
- EXISTING OUTLET LOCATION

No.	REVISION	BY	YYYY-MM-DD
8.			
7.			
6.			
5.			
4.			
3.			
2.			
1.	ISSUED FOR DRAFT PLAN APPROVAL	RSM	2023-11-24

MTE
Engineers, Scientists, Surveyors
905-639-2552

NOT FOR CONSTRUCTION

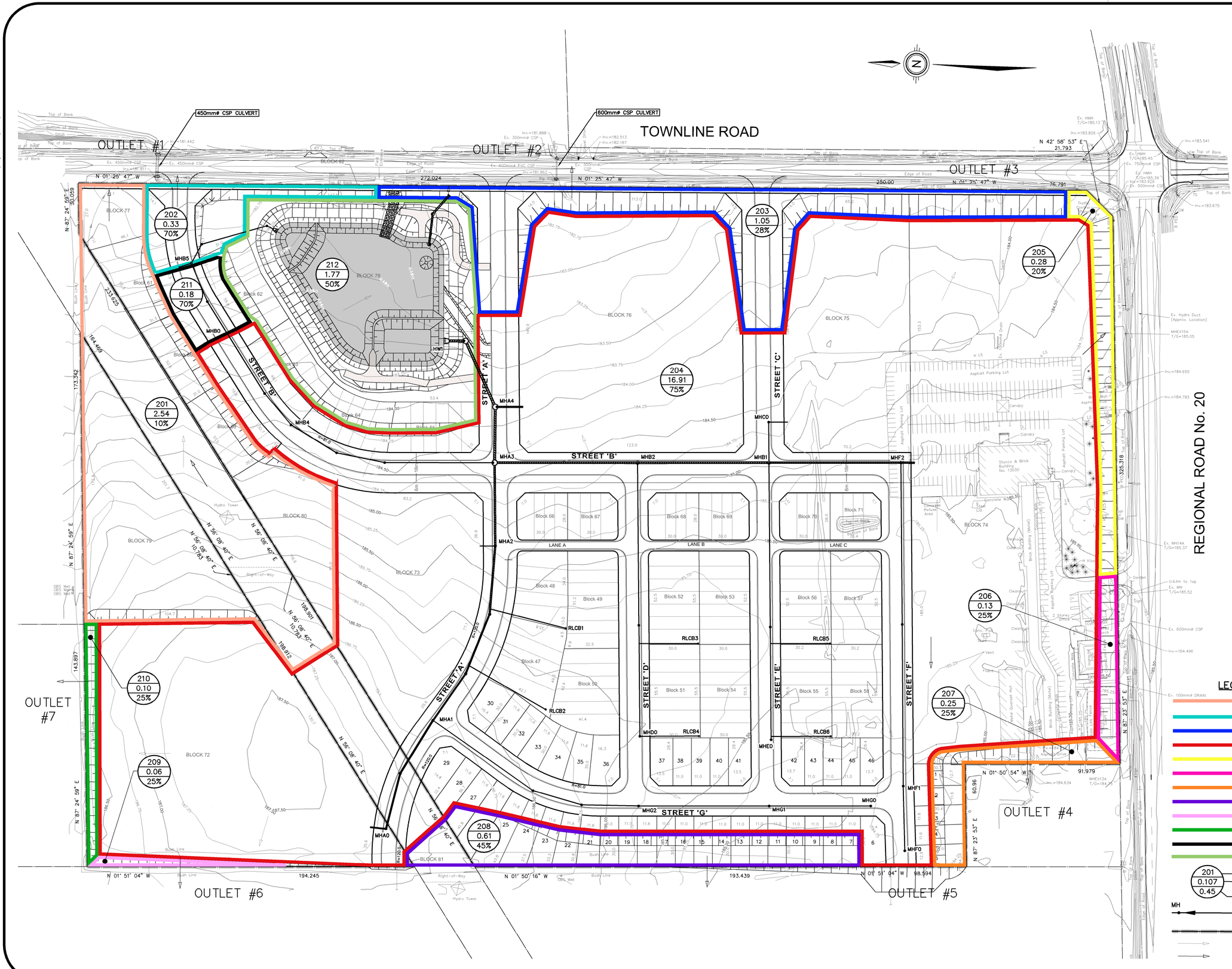
CLIENT
RUDANCO HOSPITALITY CORPORATION
4728 DORCHESTER RD NIAGARA FALLS, ON

PROJECT
PROPOSED PLAN OF SUBDIVISION
13030 LUNDY'S LANE
HIGHWAY 20 & THOROLD TOWNLINE RD THOROLD, ON

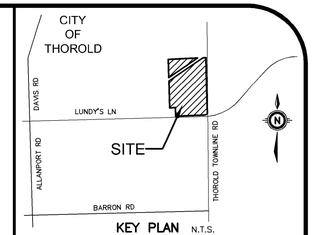
DRAWING
PRELIMINARY PRE-DEVELOPMENT STORM DRAINAGE AREA PLAN

Project Manager: M.GOJSIC	Project No.: 49428-100
Design By: SXA	Checked By: MJG
Drawn By: RXJ	Checked By: SXA
Surveyed By: OTHERS	Drawing No.: P-ST1
Date: Apr.27/23	
Scale: 1:1000	Sheet 1 of 1

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CITY OF THOROLD



KEY PLAN N.T.S.

GEODETIC BM ELEV. = NAm

SITE BENCHMARK ELEV. = NAm

NOTE TO CONTRACTOR :

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THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

No.	REVISION	BY	YYYY-MM-DD
8.			
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2.			
1.	ISSUED FOR DRAFT PLAN APPROVAL	RSM	2023-11-24

MTE
Engineers, Scientists, Surveyors
905-639-2552

NOT FOR CONSTRUCTION

CLIENT
RUDANCO HOSPITALITY CORPORATION
4728 DORCHESTER RD NIAGARA FALLS, ON

PROJECT
PROPOSED PLAN OF SUBDIVISION
13030 LUNDY'S LANE
HIGHWAY 20 & THOROLD TOWNLINE RD THOROLD, ON

DRAWING
PRELIMINARY POST-DEVELOPMENT STORM DRAINAGE AREA PLAN

Project Manager: M.GOJSIC	Project No.: 49428-100
Design By: CNF	Checked By: RSM
Drawn By: RXJ	Checked By: CNF
Surveyed By: OTHERS	Drawing No.: P-ST2
Date: Apr.27/23	
Scale: 1:1000	Sheet 1 of 1

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TOWNLINE ROAD

BLOCK 82

PIPE INSULATION (TYP.)

DETAIL 1

RIP-RAP OUTLET 6.0m BOTTOM WIDTH @ 3:1 SLOPE MAX. AND 3:1 SIDE SLOPES

SECTION B-B

SECTION A-A

RIP-RAP

HW3
OPSD 804.030
14.8m-900mmø STM. @ 0.88%

ORIFICE MH
T/G=184.36
SE.INV.=182.800
W.INV.=182.800
100mmø ORIFICE INV=182.80
600mmø ORIFICE INV.=183.20

18.2m-750mmø STM. @ 7.15%

SEDIMENT FOREBAY NO.2
BOTTOM
ELEV.=181.30

300mm THICK GABION MATS

2.5m WIDE WEIR CREST AT ELEVATION 184.10 WITH 3:1 SIDE SLOPES

3:1 MAX.

100 YEAR WL ELEV.=184.50

PWL ELEV=182.80

7:1

3:1

MH21.1

HW2

40.2m-300mmø STM. @ 0.50%

4.5m-300mmø STM. @ 0.50%

RIP-RAP OUTLET

CSP RISER
T/G=183.29

4.0m WIDE MAINTENANCE ACCESS

STORMWATER MANAGEMENT FACILITY BLOCK 78

PERMANENT POOL ELEVATION=182.80

BOTTOM OF POND
ELEV.=181.30

MH21

12.9m-300mmø STM. @ 1.09%

7.4m-200mmø STM. @ 0.98%

MHB5

CB1

24.7m-300mmø STM. @ 1.17%

MH19

MHB6

42.5m-300mmø STM @ 0.70%

STREET 'B'

MH18

24.3m-300mmø STM. @ 0.74%

MHB4

31.8m-300mmø STM. @ 0.60%

R=81.0

MH16

29.1m-300mmø STM. @ 0.60%

MH15

65.3m-450mmø STM. @ 0.60%

FOREBAY WEIR

300mm THICK GABION MATS

SEDIMENT FOREBAY NO.1
BOTTOM
ELEV.=180.80

HW1
T/C=184.37
S.INV.=182.800

6.0m GABON MATS FOREBAY WEIR

DETAIL 5

10% MAX.

4.0m WIDE MAINTENANCE ACCESS

3:1 MAX.

SECTION C-C

STREET 'A'

MHA4.1
T/G=185.31

MHA4

16.3m-675mmø STM. @ 0.60%

SECTION V-V

MHA3

33.0m-1200mmø STM. @ 0.60%

85.0m-975mmø STM. @ 0.60%

18m

6m

49.8m-825mmø STM. @ 0.60%

Block 61

Block 62

Block 63

Block 64

Block 65

Block 58

Block 59

Block 60

Block 75

BLOCK 80

BLOCK 73

DETAIL 3 — ORIFICE RESTRICTION

DETAIL 2 — CSP RISER 1800mmø

DETAIL 4 — ASPHALT MAINTENANCE ACCESS ROAD

DETAIL 6 — MAINTENANCE DRAWDOWN SUMP

SWM POND FACILITIES GENERAL LEGEND:

LEGEND OF EXISTING FEATURES

- SITE BOUNDARY
- EXISTING CONTOURS
- EXISTING FENCE
- EXISTING DRIPLINE
- EXISTING DIRECTION OF DRAINAGE/SWALE
- WETLAND LIMIT

LEGEND OF PROPOSED FEATURES

- FINISHED GRADE CONTOURS
- PROPOSED SPOT ELEVATIONS (EX =MAINTAIN EXISTING; T/G =TOP OF CASTING/GRATE; INV =INVERT ELEVATION; FFE =FINISHED FLOOR ELEVATION)
- DIRECTION OF DRAINAGE/SWALE
- DRAINAGE SPLIT (RIDGE)
- CONCRETE CURB
- EMBANKMENT (SLOPE AS NOTED)
- STORM SEWER
- SUBDRAIN
- SHALLOW PIPE INSULATION (SEE DETAIL)
- PERMANENT POOL
- PROPOSED ASPHALT TRAIL
- OVERLAND FLOW ROUTE (MAJOR STORM)
- OVERLAND FLOW ROUTE (SWM FACILITY)
- DETAILS FOR SWM FACILITY ON DRAWINGS "DETAILS AND NOTES PLAN"
- 300mm THICK GABION MAT AS PER OPSS 1430 OVER GEOTEXTILE FILTER FABRIC (TERRAFIX 400R OR APPROVED EQUIVALENT). GABION MATS TO BE FILLED WITH RIP-RAP AS PER OPSS.MUNI 1004.05.05.02 (G10-100mm-200mm) TYPICAL
- 500mm DEPTH OF CLASS I (300mm NOMINAL) RIP-RAP OVER GEOTEXTILE FILTER FABRIC (TERRAFIX 360R OR APPROVED EQUIVALENT) -- TYPICAL (SEE RIP RAP SPECIFICATIONS ON THIS DRAWING)

CITY OF THOROLD

KEY PLAN N.T.S.

DAVIS RD; LUNDY'S LN; SITE; ALLANPORT RD; THOROLD TOWNLINE RD; BARRON RD

GEODETIC BM ELEV. = NAm

SITE BENCHMARK ELEV. = NAm

NOTE TO CONTRACTOR :

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ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

No.	REVISION	BY	YYYY-MM-DD
1.	ISSUED FOR DRAFT PLAN APPROVAL	RSM	2023-11-24
2.			
3.			
4.			
5.			
6.			
7.			
8.			

MTE
Engineers, Scientists, Surveyors
905-639-2552

NOT FOR CONSTRUCTION

CLIENT
RUDANCO HOSPITALITY CORPORATION
4728 DORCHESTER RD NIAGARA FALLS, ON

PROJECT
PROPOSED PLAN OF SUBDIVISION
13030 LUNDY'S LANE
HIGHWAY 20 & THOROLD TOWNLINE RD THOROLD, ON

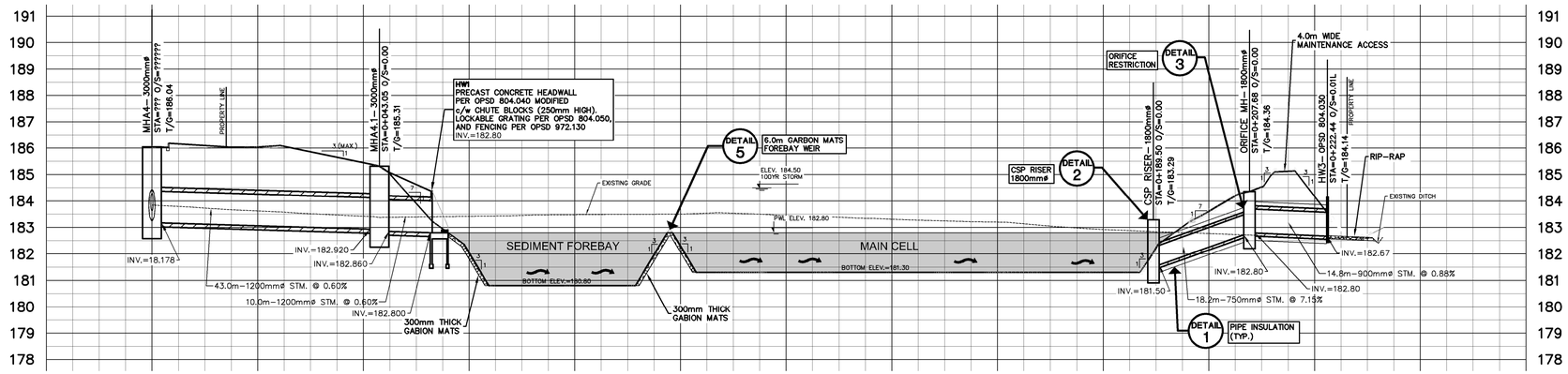
DRAWING
PRELIMINARY SWM FACILITY PLAN

Project Manager: M.GOJSIC	Project No.: 49428-100
Design By: CNF	Checked By: RSM
Drawn By: AXG	Checked By: CNF
Surveyed By: OTHERS	Drawing No.: P-SW1.1
Date: Nov.06/23	
Scale: 1:400	Sheet of

P:\P\49428\100\49428-100-SW1

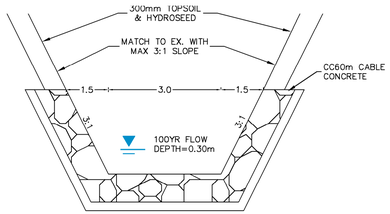
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November 23, 2023 - 3:38:01 PM - Plotted By: Chirag Maniya



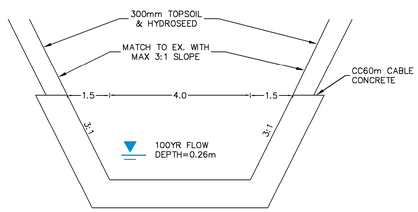
SWM FACILITY - SECTION A-A

SCALE 1:500 HOR, 1:100 VERT



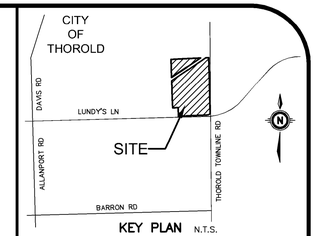
EMERGENCY SPILLWAY - SECTION B-B

N.T.S.



FOREBAY BYPASS - SECTION C-C

N.T.S.



KEY PLAN N.T.S.

GEODETIC BM ELEV. = NAm

SITE BENCHMARK ELEV. = NAm

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No.	REVISION	BY	YYYY-MM-DD
8.			
7.			
6.			
5.			
4.			
3.			
2.			
1.	ISSUED FOR DRAFT PLAN APPROVAL	RSM	2023-11-24

MTE
Engineers, Scientists, Surveyors
905-639-2552

NOT FOR CONSTRUCTION

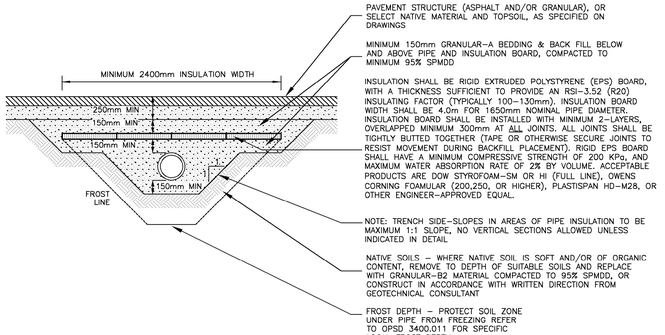
CLIENT
RUDANCO
HOSPITALITY CORPORATION
4728 DORCHESTER RD NIAGARA FALLS, ON

PROJECT
PROPOSED PLAN OF SUBDIVISION
13030 LUNDY'S LANE
HIGHWAY 20 & THOROLD TOWNLINE RD THOROLD, ON

DRAWING
PRELIMINARY
SWM FACILITY
SECTIONS

Project Manager: M.GOJSIC	Project No.: 49428-100
Design By: CNF	Checked By: RSM
Drawn By: AXC	Checked By: CNF
Surveyed By: OTHERS	Drawing No.: P-SW1.2
Date: Nov.06/23	
Scale: 1:400	Sheet of

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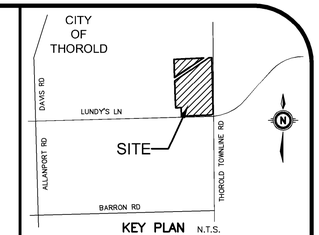


SEWER PIPE INSULATION DETAIL

FOR SEWER PIPES HAVING LESS THAN 1.5m COVER

N.T.S.

DETAIL 1



KEY PLAN N.T.S.

GEODETIC BM ELEV. = NAm

SITE BENCHMARK ELEV. = NAm

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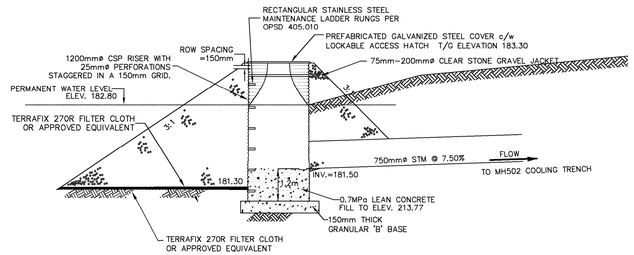
CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

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POND CONSTRUCTION NOTES:

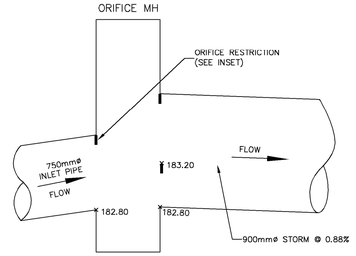
1. ALL STANDARDS ARE AS FOLLOWS, UNLESS INDICATED OTHERWISE ON THE CONTRACT DRAWINGS.
2. ALL BERMS (INCLUDING INTERNAL) TO BE CONSTRUCTED ON APPROVED SUBGRADE (APPROVED BY GEOTECHNICAL ENGINEER) WITH ON SITE MATERIAL PLACED IN MAXIMUM 300mm LIFTS COMPACTED TO 95% SPMDD. BERM MATERIAL AND BERM CONSTRUCTION TO BE SUPERVISED, APPROVED AND CERTIFIED BY GEOTECHNICAL ENGINEER.
3. POND CELLS TO MAINTAIN A MINIMUM TOPSOIL THICKNESS OF 300mm ABOVE THE PWL UNLESS OTHERWISE NOTED. FINISHED SLOPES AND BASE OF CELLS TO BE TOPSOILED AND VEGETATED AS SOON AS POSSIBLE FOLLOWING CONSTRUCTION.NO TOPSOIL SHALL BE PLACED BELOW THE POOL.
4. CONCRETE CUT-OFF COLLAR REQUIRED ON OUTLET PIPE. COLLAR TO BE 1.0m THICK AND TO EXTEND 1.0m BEYOND LIMIT OF CONSTRUCTION TRENCH. CAREFUL HAND COMPACTION OF LOW PERMEABILITY FILL AROUND THE SEEPAGE COLLARS IS REQUIRED TO ENSURE INTIMATE CONTACT BETWEEN SOIL AND PIPE TO BE INSTALLED AS DIRECTED BY GEOTECHNICAL ENGINEER.
5. BACKFILL OF PIPE TRENCHES IN THE VICINITY OF THE PROPOSED INLET AND OUTLET STRUCTURES TO CONSIST OF LOW PERMEABILITY CLAY PLACED IN 300mm THICK LIFTS COMPACTED TO 95% SPMDD, AS DIRECTED BY GEOTECHNICAL ENGINEER.
6. STORM SEWER MATERIALS SHALL BE AS FOLLOWS (UNLESS OTHERWISE INDICATED):
   POLYVINYL CHLORIDE (PVC) CSA-B182.2 DR-35 100mm TO 450mm
   CONCRETE PIPE CSA-A257.2 CLASS 65-D FOR 525mm TO 900mm
   CONCRETE PIPE CSA-A257.2 CLASS 50-D FOR 975mm AND LARGER
7. ALL STORM SEWERS SHALL HAVE RUBBER GASKET JOINTS (WHERE APPLICABLE) AND BE INSTALLED IN CLASS 'B' BEDDING.



CSP RISER DETAIL

N.T.S.

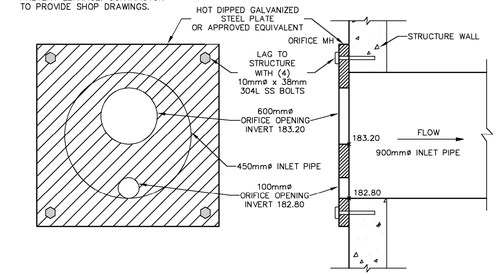
DETAIL 2



ON-LINE ORIFICE DETAIL

N.T.S.

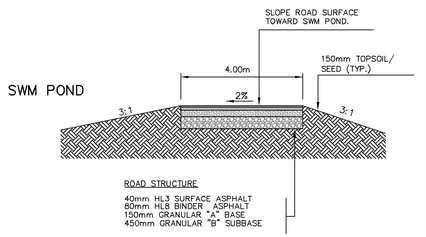
NOTE: PLATE TO FIT CURVED MANHOLE WALL AND SEALED TO PREVENT LEAKAGE. CONTRACTOR TO PROVIDE SHOP DRAWINGS.



ON-LINE ORIFICE DETAIL

N.T.S.

DETAIL 3

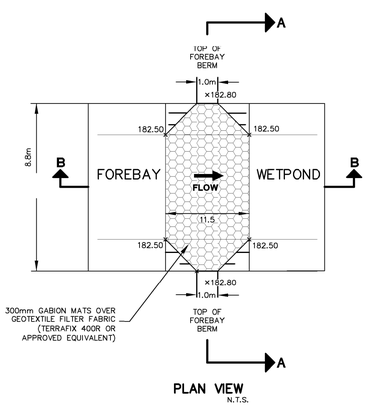


DETAIL B

TYPICAL ASPHALT ACCESS ROAD/TRAIL SECTION

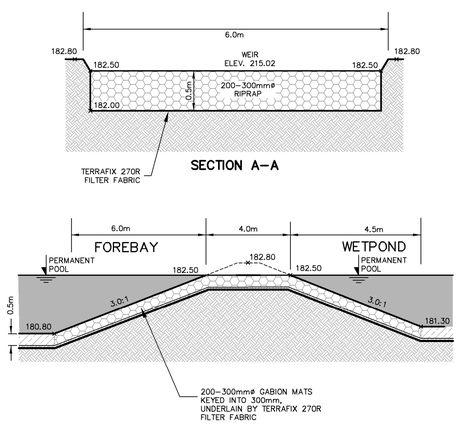
N.T.S.

DETAIL 4



PLAN VIEW

N.T.S.



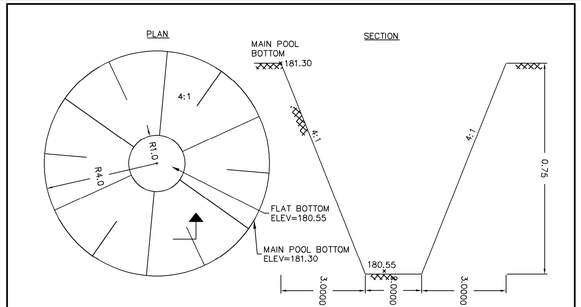
SECTION A-A

SECTION B-B

FOREBAY WEIR

N.T.S.

DETAIL 5



1. DRAWDOWN OF PERMANENT POOL FOR MAINTENANCE PURPOSES TO BE DONE USING PORTABLE PUMP.
2. PERMANENT POOL DRAWDOWN EFFLUENT SHALL BE DISCHARGED TO MH 405 OR DIRECTLY TO OUTLET CHANNEL (DOWNSTREAM OF COOLING TRENCH) TO PREVENT DISCHARGE OF SEDIMENT INTO COOLING TRENCH.
3. DRAWDOWN EFFLUENT SHALL BE DISCHARGED THROUGH A FILTER BAG TO PREVENT DISCHARGE OF SEDIMENT INTO RECEIVING WATERCOURSE.

MAINTENANCE DRAWDOWN SUMP

SCALE: H 1:100
V 1:10

DETAIL 6

No.	REVISION	BY	YYYY-MM-DD
8.			
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6.			
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4.			
3.			
2.			
1.	ISSUED FOR DRAFT PLAN APPROVAL	RSM	2023-11-24

MTE
Engineers, Scientists, Surveyors
905-639-2552

NOT FOR CONSTRUCTION

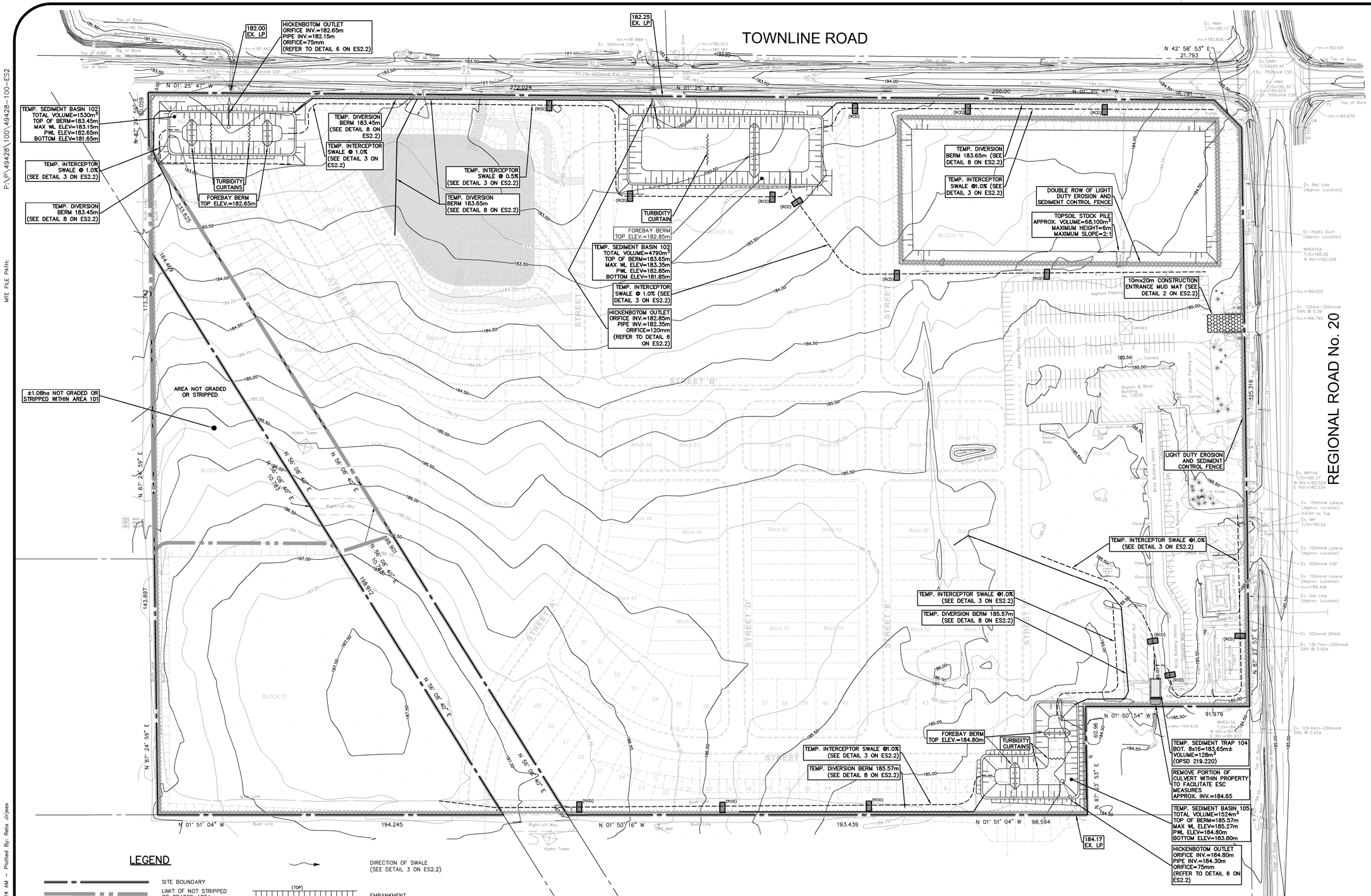
CLIENT
RUDANCO HOSPITALITY CORPORATION
4728 DORCHESTER RD NIAGARA FALLS, ON

PROJECT
PROPOSED PLAN OF SUBDIVISION
13030 LUNDY'S LANE
HIGHWAY 20 & THOROLD TOWNLINE RD THOROLD, ON

DRAWING
PRELIMINARY SWM FACILITY DETAILS AND NOTES

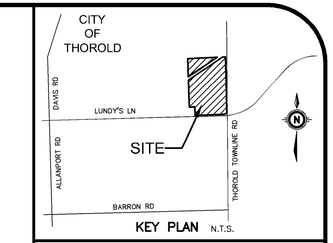
Project Manager M.GOJSIC	Project No. 49428-100
Design By CNF	Checked By RSM
Drawn By AXC	Checked By CNF
Surveyed By OTHERS	Drawing No. P-SW1.3
Date Nov.06/23	
Scale 1:400	Sheet of

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November 23, 2023 - 3:38:46 PM - Plotted By: Chirag Maniya



LEGEND

- SITE BOUNDARY
- LIMIT OF NOT STRIPPED OR GRADED AREA
- SILTATION AND EROSION DRAINAGE AREA BOUNDARY
- PROPOSED ROW
- EXISTING DRIPLINE
- EASEMENT
- EXISTING SURFACE CONTOURS
- PROPOSED DRAINAGE DIRECTION
- EXISTING DIRECTION OF DRAINAGE
- DIRECTION OF SWALE (SEE DETAIL 3 ON ES2.2)
- EMBANKMENT (SLOPE AS NOTED)
- OVERLAND FLOW DRAINAGE DIRECTION
- PROPOSED TOPSOIL STOCKPILE LOCATION
- LIGHT DUTY EROSION AND SEDIMENT CONTROL FENCE (SEE DETAIL 5 ON ES2.2)
- HEAVY DUTY EROSION AND SEDIMENT CONTROL FENCE (SEE DETAIL 4 ON ES2.2)
- LIGHT DUTY EROSION AND SEDIMENT CONTROL FENCE (SEE DETAIL 4 ON ES2.2)
- CONSTRUCTION MUD MAT (SEE DETAIL 2 ON ES2.2)
- ROCK CHECK DAM (RCD)
- TEMPORARY DIVERSION BERM
- SEDIMENT TRAP (OPSD 219.220)



GEODETIC BM ELEV. = NAm

SITE BENCHMARK ELEV. = NAm

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No.	REVISION	BY	YYYY-MM-DD
8.			
7.			
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5.			
4.			
3.			
2.			
1.	FIRST SUBMISSION FOR DRAFT PLAN APPROVAL	RSM	2023-11-23

MTE
Engineers, Scientists, Surveyors
905-639-2552

NOT FOR CONSTRUCTION

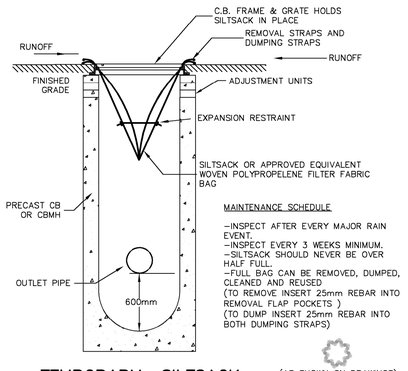
CLIENT
RUDANCO HOSPITALITY CORPORATION
4728 DORCHESTER RD NIAGARA FALLS, ON

PROJECT
PROPOSED PLAN OF SUBDIVISION
13030 LUNDY'S LANE
HIGHWAY 20 & THOROLD TOWNLINE RD THOROLD, ON

DRAWING
EROSION AND SEDIMENT CONTROL PLAN PRE-GRADING

Project Manager M.GOJSIC	Project No. 49428-100
Design By CNF	Checked By MJG
Drawn By RXJ	Checked By CNF
Surveyed By OTHERS	Drawing No. P-ES2.1
Date Nov.03/23	
Scale 1:1000	Sheet 1 of 2

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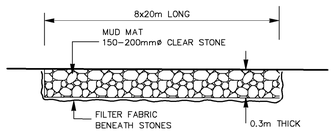


TEMPORARY SILTSACK SILTATION CONTROL IN CB
N.T.S.

(AS SHOWN ON DRAWINGS)

DETAIL 1

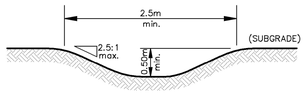
DESIGNATED ACCESS FOR ALL CONSTRUCTION TRAFFIC. INSTALL 'MUD MAT', AS PER DETAIL BELOW, PRIOR TO ANY OTHER CONSTRUCTION. MAT TO BE MAINTAINED IN GOOD WORKING ORDER UNTIL GRADING WORKS ARE COMPLETED AND GRANULAR "A" & "B" HAVE BEEN PLACED.



MUD MAT ENTRANCE DETAIL
N.T.S.

(AS SHOWN ON DRAWINGS)

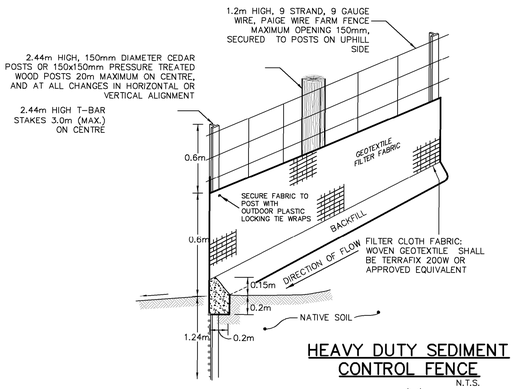
DETAIL 2



TEMPORARY INTERCEPTOR SWALE
N.T.S.

(AS SHOWN ON DRAWINGS)

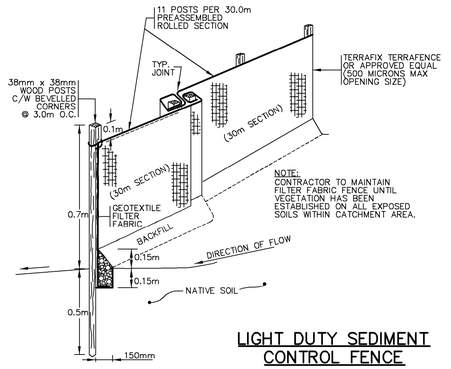
DETAIL 3



HEAVY DUTY SEDIMENT CONTROL FENCE
N.T.S.

(AS SHOWN ON DRAWINGS)

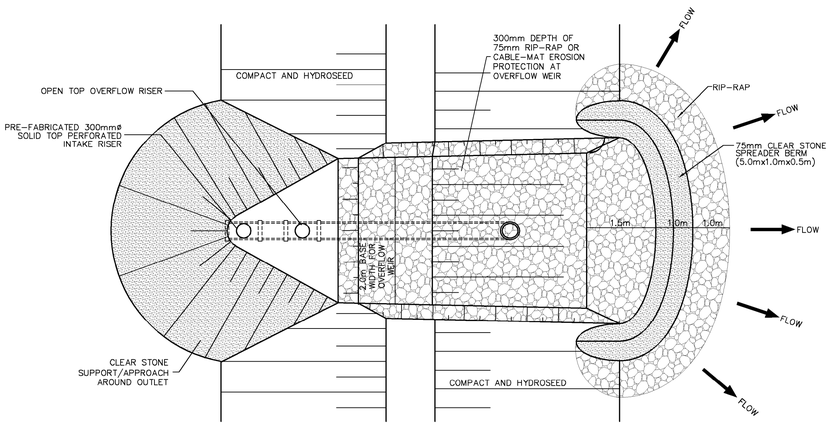
DETAIL 4

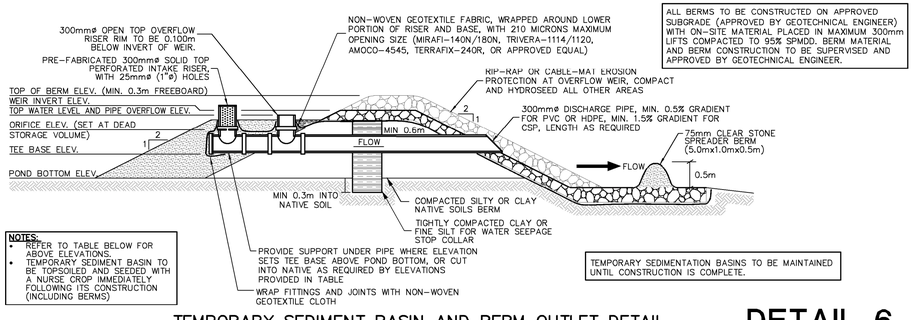


LIGHT DUTY SEDIMENT CONTROL FENCE
N.T.S.

(AS SHOWN ON DRAWINGS)

DETAIL 5





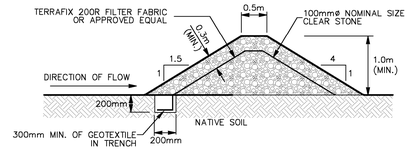
ALL BERMS TO BE CONSTRUCTED ON APPROVED SUBGRADE (APPROVED BY GEOTECHNICAL ENGINEER) WITH ON-SITE MATERIAL PLACED IN MAXIMUM 300mm LIFTS COMPACTED TO 95% SPMDD. BERM MATERIAL AND BERM CONSTRUCTION TO BE SUPERVISED AND APPROVED BY GEOTECHNICAL ENGINEER.

TEMPORARY SEDIMENTATION BASINS TO BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE.

NOTES:
- REFER TO TABLE BELOW FOR ABOVE ELEVATIONS.
- TEMPORARY SEDIMENT BASIN TO BE TOPSOILED AND SEEDED WITH A NURSE CROP IMMEDIATELY FOLLOWING ITS CONSTRUCTION (INCLUDING BERMS)

TEMPORARY SEDIMENT BASIN AND BERM OUTLET DETAIL
N.T.S.

DETAIL 6

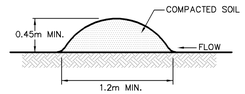


(PER OPSD 219.210)

(AS SHOWN ON DRAWINGS)

ROCK CHECK SILTATION DAM DETAIL
N.T.S.

DETAIL 7



NOTE:
- CONSTRUCT BARRIER FROM BOTTOM UP BY PLACING AND COMPACTING SUBSEQUENT LIFTS OF LOW PERMEABILITY SOILS.
- THE DEGREE OF COMPACTION WILL HAVE TO BE ASSESSED BY A GEOTECHNICAL ENGINEER.

TEMPORARY DIVERSION BERM
N.T.S.

(AS SHOWN ON DRAWINGS)

DETAIL 8

RIP-RAP SPECIFICATIONS

CLASS I

NOMINAL 300mmø OR 36kg WEIGHT GRADING SPECIFICATIONS:

	100%	SMALLER THAN 450mm OR 136kg
AT LEAST 20%	LARGER THAN 350mm OR	68kg
AT LEAST 50%	LARGER THAN 300mm OR	36kg
AT LEAST 80%	LARGER THAN 200mm OR	11kg

GENERAL NOTES :

1. EROSION AND SEDIMENTATION FACILITIES TO BE INSTALLED PRIOR TO ANY AREA GRADING OPERATIONS.
2. SITE INSPECTIONS OF THE EROSION CONTROL MEASURES BY THE DEVELOPER'S CONSULTANT ARE TO BE CONDUCTED WEEKLY OR AFTER ANY STORM EVENT GREATER THAN 15mm. INSPECTIONS MUST INCLUDE AN ASSESSMENT OF THE PROPOSED FACILITIES/CONTROLS AND RECOMMENDED CORRECTIVE MEASURES (IF REQUIRED). REPORTS ARE TO BE SUBMITTED MONTHLY TO THE NIAGARA PENINSULA CONSERVATION AUTHORITY AND CITY OF THOROLD.
3. ALL EROSION CONTROL MEASURES (INCLUDING SILT FENCE, TEMPORARY SEDIMENT BASINS, INTERCEPTOR SWALES AND STORM STRUCTURE CONTROL MEASURES) ARE TO BE MONITORED BY THE DEVELOPER'S CONSULTANT AND REPAIRS COMMISSIONED AS REQUIRED.
4. THE MEASURES AS PROPOSED MAY BE MODIFIED AT THE DISCRETION OF THE ENGINEER TO SUIT THE PROPOSED CONSTRUCTION PROGRAMS. THE GENERAL INTENT OF THE PROPOSED EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES.
5. UPON COMPLETION OF THE GRADING OPERATION ALL DISTURBED AREAS SHALL BE RESTORED WITH MULCH AND TREFOIL MIX SEED PER OPSS-804 UNLESS FINAL CONSTRUCTION IS SCHEDULED TO COMMENCE WITHIN 1 MONTH OF THE GRADING OPERATION.
6. CONTRACTOR AND DEVELOPER'S CONSULTANT TO REVIEW SITE PRIOR TO CONSTRUCTION TO DETERMINE THE NEED FOR MODIFICATIONS TO THIS SCHEDULE. CONTRACTOR IS NOT TO REMOVE ANY EROSION OR SEDIMENT CONTROL FACILITIES UNTIL DIRECTED TO DO SO BY THE ENGINEER.

SCHEDULE FOR CONSTRUCTION OF EROSION CONTROL MEASURES :

1. INSTALL SEDIMENT FENCE AS ILLUSTRATED. CONSTRUCT SEDIMENT BASINS c/w OUTLET STRUCTURES. INSTALL CONSTRUCTION ACCESS.
2. INSTALL "NO DUMPING OR REMOVAL OF TREES" SIGNS.
3. CONSTRUCT TEMPORARY INTERCEPTOR SWALES c/w ROCK CHECK DAMS WHERE GRADES PERMIT.
4. ROUGH GRADE SUBDIVISION AS FOLLOWS:
   - GRADE AREAS DIRECTING DRAINAGE TO TEMPORARY SEDIMENT BASIS 101, 102, AND 105, AND TO SEDIMENT TRAP 104.,
   - SEDIMENT BASINS TO REMAIN IN PLACE UNTIL VEGETATIVE COVER IS ESTABLISHED.
5. ESTABLISH VEGETATIVE COVER TO ALL GRADED AREAS.
6. REMOVE/DECOMMISSION ALL EROSION CONTROL MEASURES ONCE VEGETATIVE COVERS IS ESTABLISHED. FINE GRADE AND ESTABLISH VEGETATIVE COVER ON REMAINING AFFECTED LOTS WHERE DISTURBED BY REMOVAL/DECOMMISSIONING OF SAID MEASURES.
7. AS SERVICING OF EACH PHASE IS COMPLETED, CATCHBASINS OR OTHER POTENTIAL INLET TO THE STORM SEWER SYSTEM SHALL BE PROTECTED WITH SILTSACKS, SILT FENCE, OR STRAW BALE FILTERS (OR COMBINATION THERE OF) AS DIRECTED BY THE ENGINEER TO PREVENT ENTRY OF SEDIMENT TO THE STORM SEWER SYSTEM

MAINTENANCE RECOMMENDATIONS :

1. EROSION CONTROL STRUCTURES TO BE MONITORED REGULARLY AND ANY DAMAGE REPAIRED IMMEDIATELY.
2. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF 1/3 THE HEIGHT OF THE FABRIC ON THE LIGHT DUTY TYPE FENCE AND 2/3 THE HEIGHT OF THE FABRIC ON THE HEAVY DUTY FENCE TYPE.
3. OWNER'S REPRESENTATIVE TO MONITOR EROSION CONTROL STRUCTURES TO ENSURE FENCING IS INSTALLED AND MAINTENANCE IS PERFORMED TO CITY OF THOROLD REQUIREMENTS.

EROSION AND SEDIMENT CONTROL STRATEGY :

1. ALL MATERIALS AND EQUIPMENT USED FOR THE PURPOSE OF SITE PREPARATION AND PROJECT COMPLETION SHOULD BE OPERATED AND STORED IN A MANNER THAT PREVENTS ANY DELETERIOUS SUBSTANCE (E.G. PETROLEUM PRODUCTS, SILT, DEBRIS, ETC) FROM REACHING GROUND SURFACE OR ENTERING GROUNDWATER.
2. ANY STOCKPILED MATERIALS SHOULD BE STORED AND STABILIZED AWAY FROM THE SEDIMENT BASINS.
3. VEHICLE AND EQUIPMENT REFUELLING AND MAINTENANCE SHOULD BE CONDUCTED AWAY FROM THE SEDIMENT BASINS.
4. ANY PART OF EQUIPMENT ENTERING OPEN WATER OR GROUNDWATER SHOULD BE FREE OF FLUID LEAKS AND EXTERNALLY CLEANED/DEGREASED TO PREVENT ANY DELETERIOUS SUBSTANCES FROM ENTERING THE WATER OR GROUNDWATER.

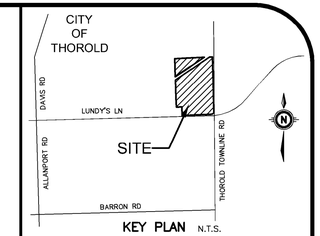
EROSION & SEDIMENT CONTROL
SEDIMENT BASIN SIZING & CONSTRUCTION INFORMATION

13030 Lundy's Lane
City of Thorold, Ontario

Date: November 01, 2023
Project Number: 49428-100
Design By: cnf, rsm

ID Tag	Basin Area	Sediment Basin Design Volume			Bottom Area	Bottom of Basin	Bottom Elevation	Tee Base Elevation	Orifice Plate		Top Water Level & Overflow Pipe		Weir Invert	Top Berm Elevation	Orifice Diameter	Maximum Orifice Flow	Live Storage Drawdown Time	Error Report	
		Dead	Live	Total					Elevation	Dead Volume	Elevation	Total Volume						Dead Volume	Total Volume
	ha	m^3	m^3	m^3	m^2	flat/sloped	m	m	m	m^3	m	m^3	m	m	mm	m^3/s	hrs		
101	2.07	383 (2)	259	642	570	flat	181.65	182.15	182.65	670	183.15	1,530	183.25	183.45	75	0.0087	48.4	OK	OK
102	14.73	2725 (2)	1,841	4,566	2423	flat	181.85	182.35	182.85	2926	183.35	4,790	183.45	183.65	120	0.0223	50.0	OK	OK
105	3.55	444 (1)	444	888	544	flat	183.80	184.30	184.80	869	185.27	1,524	185.37	185.57	75	0.0086	48.7	OK	OK

(1) Dead Storage is based upon minimum $125m^3$ volume per ha drainage area; Live Storage is based upon minimum $125m^3$ volume per ha drainage area.
(2) Dead Storage is based upon minimum $185m^3$ volume per ha drainage area; Live Storage is based upon minimum $125m^3$ volume per ha drainage area.



KEY PLAN N.T.S.

GEODETIC BM ELEV. = NAm

SITE BENCHMARK ELEV. = NAm

NOTE TO CONTRACTOR :

DO NOT SCALE DRAWINGS.

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

No.	REVISION	BY	YYYY-MM-DD
8.			
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5.			
4.			
3.			
2.			
1.	FIRST SUBMISSION FOR DRAFT PLAN APPROVAL	RSM	2023-11-23

MTE

Engineers, Scientists, Surveyors

905-639-2552

NOT FOR CONSTRUCTION

CLIENT
RUDANCO HOSPITALITY CORPORATION
4728 DORCHESTER RD NIAGARA FALLS, ON

PROJECT
PROPOSED PLAN OF SUBDIVISION
13030 LUNDY'S LANE
HIGHWAY 20 & THOROLD TOWNLINE RD THOROLD, ON

DRAWING
EROSION AND SEDIMENT CONTROL PLAN NOTES AND DETAILS

Project Manager	M.GOJSIC	Project No.	49428-100
Design By	CNF	Checked By	MJG
Drawn By	RXJ	Checked By	CNF
Surveyed By	OTHERS	Drawing No.	P-ES2.2
Date	Nov.03/23		
Scale	N.T.S	Sheet 2 of 2	

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