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CORTLANDT PITCH
CORTLANDT, NEW YORK

STORMWATER POLLUTION PREVENTION PLAN

Prepared for the Fulfillment of:

New York State Department of Environmental Conservation
SPDES General Permit for Stormwater Discharges from Construction Activities
Permit No. GP-0-15-002

Prepared By:

DIVNEY TUNG SCHWALBE, LLP
One North Broadway, Suite 1407
White Plains, New York 10601

September 2018

CORTLANDT PITCH
CORTLANDT, NEW YORK

STORMWATER POLLUTION PREVENTION PLAN

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I. SWPPP NARRATIVE SUMMARY

The following Stormwater Pollution Prevention Plan (SWPPP) has been designed to evaluate the potential stormwater management impacts anticipated with the proposed Cortlandt Pitch indoor sports facility in Cortlandt, New York and to provide measures to minimize impacts to the maximum extent practicable during construction and after completion of the project with the use of temporary and permanent treatment practices outlined in the SWPPP.

The stormwater management analysis has been prepared to be in conformance with the NYSDEC SPDES General Permit GP-015-002 requirements for stormwater quantity and quality control, including runoff reduction requirements to mimic existing infiltration conditions. In accordance with the NYSDEC SPDES General Permit GP-015-002 requirements, the proposed stormwater management improvements are designed based on the NYSDEC New York State Stormwater Management Design Manual (Design Manual), dated January 2015.

This SWPPP includes text (the documents bound in this notebook) and contract drawings, details and specifications that describe the existing condition of the site and the proposed conditions during and after construction.

A. Applicant Information

1. Project Sponsor

   New York Indoor Sports, Inc.
   c/o Kruzhkov Russo PLLC
   350 Fifth Avenue, Suite 7230
   New York, New York 10118
   Contact: Martin P. Russo
   212-363-2000
   martin@kruzhkovrusso.com

2. Project Contractors

   TBD *(Minimum of fourteen (14) calendar days prior to filing for permit coverage)*

3. Project Engineers

Divney Tung Schwalbe, LLP
1 North Broadway, Suite 1407
White Plains, NY 10601
Contact: Gerhard M Schwalbe, P.E.
914-428-0010
jschwalbe@divneytungschwalbe.com

4. Project Location

a. Address

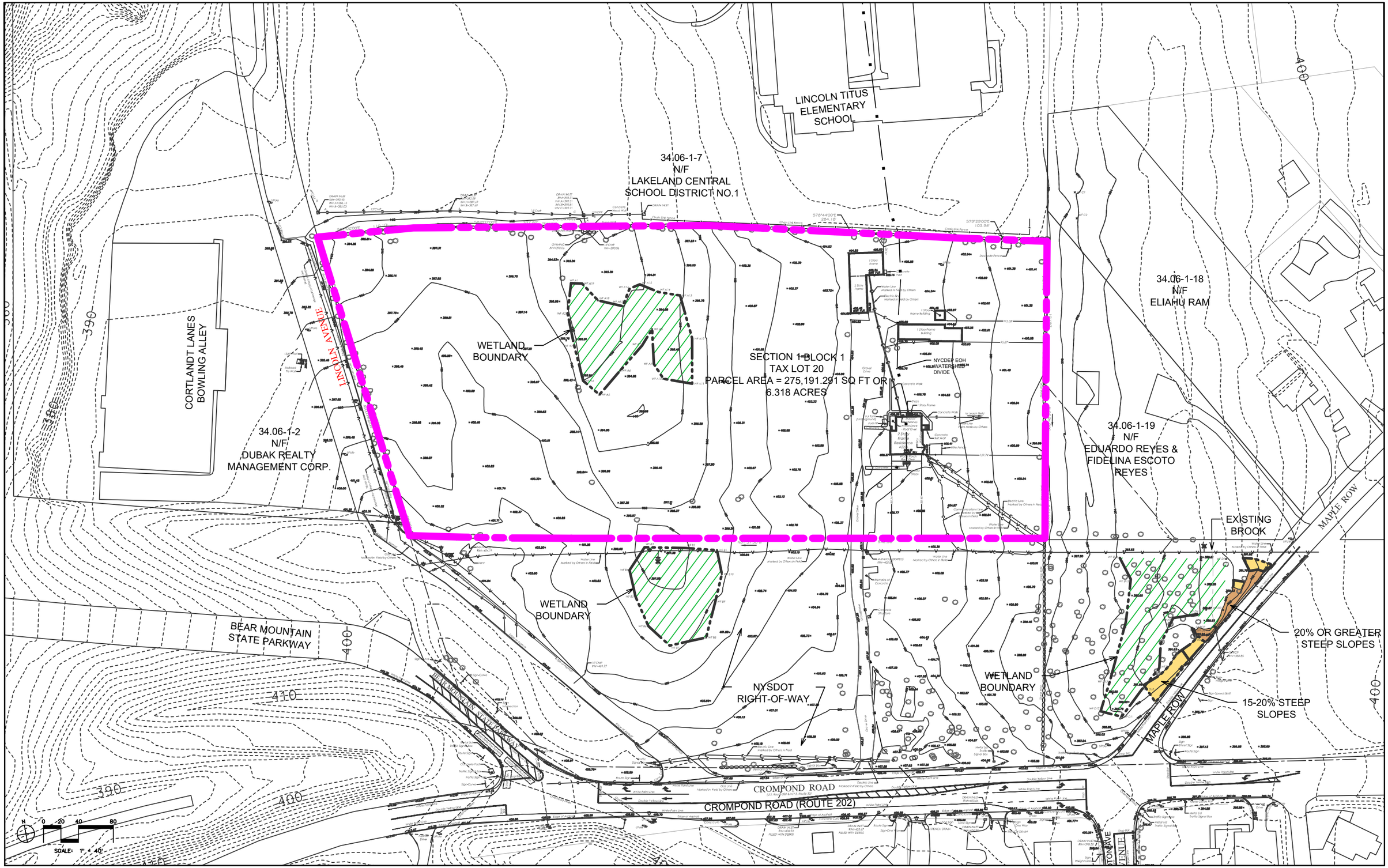
The project site contains approximately 8.0 acres of land, comprised of the 6.3-acre parcel and site access through adjacent New York State Department of Transportation (NYSDOT) Right-of-Way. The property is located at 2226 Crompond Road in the Town of Cortlandt, Westchester County, New York.

See Figure No. 1 *Existing Conditions* for Project Site Location.

b. Description

The property is located along U.S. Route 202/Crompond Road, set back at least 260-feet north through NYSDOT-owned land, between the intersections of Rte. 202 and the Bear Mountain State Parkway to the west and Maple Row to the east. The site is bounded by the adjacent Cortlandt Lanes Bowling Alley and driveway (Lincoln Avenue) and parking lot to the west, Lincoln Titus Elementary School and outdoor playing field to the north, and residential area to the east.

The property was previously used as farmland and is currently largely meadow and open space, except for the main house and two accessory buildings on-site. The main house was originally located in the NYSDOT Right-of-Way and was relocated when the land was taken by the State for a potential future parkway extension. The R.O.W. land is currently undeveloped except for separate driveways to the on-site home and adjacent Bowling Alley, with meadow and limited wooded areas along the roadways. The majority of the site gradually slopes from south to north, with a portion separated by a ridge that drains west to east to an existing off-site watercourse. The eastern portion of the site falls within the New York City Department of Environmental Protection (NYCDEP) East of Hudson (EOH) Watershed.



PLANNER/CIVIL ENGINEER:
Divney • Tung • Schwalbe
Intelligent Land Use
Divney Tung Schwalbe, LLP
One North Broadway
White Plains, NY 10601
P: 914.428.0010
F: 914.428.0017

TRAFFIC CONSULTANT:
AKRF
34 South Broadway, Suite 401
White Plains, New York 10601

LEGAL COUNSEL:
ZARIN & STEINMETZ
81 Main Street, Suite 415
White Plains, New York 10601

OWNER:
NY INDOOR SPORTS, INC.
c/o Gusrae Kaplan Nusbaum PLLC
120 Wall Street, 25th Floor
New York, NY 10005

Existing Conditions

Cortlandt Pitch
Town of Cortlandt, New York
Figure No. SWM-1
09/14/18

c. Wetlands

Within the 8.0-acre project site, there are three (3) town wetlands delineated by the wetland scientist, a 0.28-ac on-site wetland, and portions of a 0.21-ac and 0.29-ac wetland located in the R.O.W. The Town's wetland consultant indicates the wetlands are previously disturbed and isolated, resulting in limited importance for wildlife habitat. They are not federally regulated wetlands. The 0.29-acre off-site wetland is located in the EOH Watershed, and thus falls under USACOE jurisdiction.

B. **Project Soils**

1. USDA Mapping & General Description

The United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) provides on-line resources and soil mapping. A soil report was prepared for the site location, a copy of which is in the Appendix.

The following is a breakdown of the soil types across the site.

Unit Symbol	Unit Name
PnB	Paxton fine sandy loam, 3-8% slopes
RdB	Ridgebury loam, 3-8% slopes
WdB	Woodbridge loam, 3-8% slopes

Paxton fine sandy loam make up approximately 50% of the site. A narrow ridge in the western side of the site is made up of Ridgebury loam, and the remaining area is Woodbridge loam along the east side.

2. Hydrologic Soil Group (HSG)

The NYSDEC Design Manual allows for proposed design considerations based on the hydrologic soil group of the existing soils being disturbed. The hydrologic soil group for the project site is approximately 50% C type soils and 50% D type soils. The USDA NRCS breakdown is as follows.

Unit Symbol	HSG	S(*)
PnB	C	0.30
RdB	D	0.20
WdB	D	0.20

(*)S=HSG Specific Reduction Factor, NYSDEC Design Manual

3. Colloidal Soils

   In the event that colloidal soils are encountered during construction that cannot be settled out through typical erosion control measures, the sediment trap outlets will be modified to allow manual operation. Stormwater runoff will be retained in the sediment traps to allow the colloidal soils to settle out. Prior to forecasted storm events, the retained stormwater will be released at a controlled rate through a filter to provide capacity for the next storm. Flocculants may not be used without prior approval from the NYSDEC.

C. **Project Description**

1. Project Background

   The proposed project includes construction of a 56,680-sf building footprint for indoor soccer/multi-use fields and ancillary uses, as well as 175 parking spaces, both paved and land banked[1] for limited use on peak tournament days. The existing buildings on-site are to be demolished. NYSDOT right-of-way land, which extends between Crompond Road and the parcel, will be used for improved driveway access to the Site.

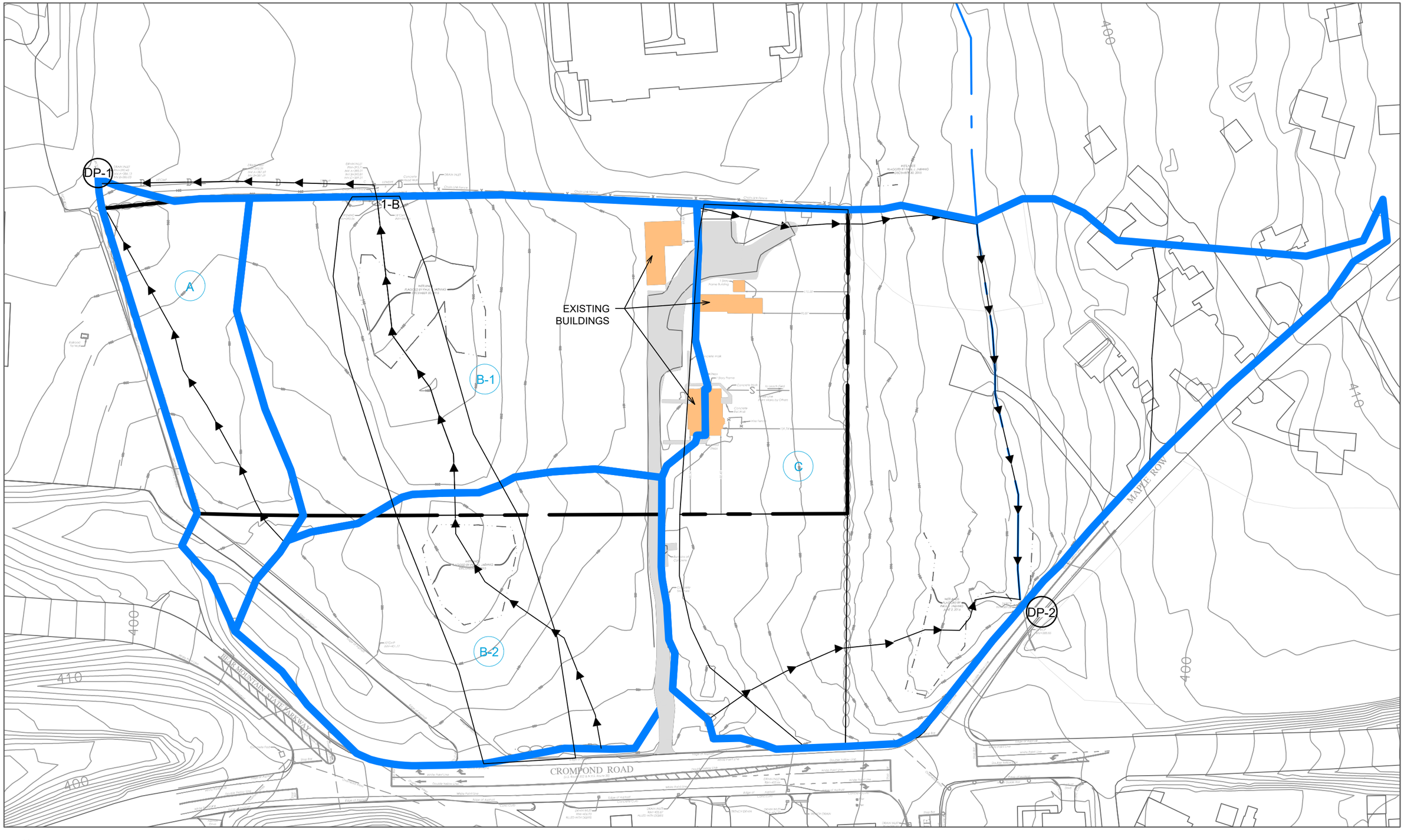
2. Existing Drainage Conditions

   The project site is divided between two watershed areas, the majority draining west to the Peekskill Hollow Brook Basin, and remaining draining east to the Croton River Basin in the NYC East-of-Hudson (EOH) Watershed.

   Approximately 7.9 acres (on and off site) within the subwatershed drain overland to a collection system just off-site at the northwest corner of the property and continues northwest discharging to the wooded area north of the Cortlandt Lanes Bowling Alley property. The subwatershed eventually drains to Gregory Pond and ultimately the Hudson River. An estimated 1.3 acres drain to an off-site catch basin at Design Point DP-1, and the remaining 6.7 acres (on site and off site) within the subwatershed drain to a culvert connected to the off-site collection system, discharge point 1-B, which continues downstream to DP-1 through 322 linear feet of 15-inch CMP pipe. See Figure No. 2 for Existing Drainage Conditions.

   The east portion of the property consists of approximately 6.9 acres draining overland to an existing water-course off-site, which discharges through a culvert across Maple Row at DP-2. The subwatershed drains to the New Croton Reservoir.

[1] For the purposes of this study, the land banked spaces and associated drive aisles were included in the calculations as impervious area.



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EXISTING DRAINAGE CONDITIONS

Cortlandt Pitch
Town of Cortlandt, NY

FIGURE NO. SWM-2
09/14/18

3. Overall Stormwater Management Plan

   The proposed Project is estimated to disturb approximately 7 acres. Under existing conditions, impervious areas within the limit of disturbance area total 0.5 acres, and under proposed conditions, impervious areas are estimated to be approximately 2.7 acres, an estimated 2.2-acre increase of impervious area.

   Under developed conditions, the existing subwatershed boundaries are generally maintained and have been further divided to model catchment areas to proposed stormwater management measures.

   See Figure No. 3 for Developed Drainage Conditions.

   Low impact design green infrastructure measures are proposed to address the runoff reduction volume (RRv) requirements. Due to the soil types and the high ground water, RRv will not be able to equal 100% of the water quality volume (WQv); therefore, a minimum RRv has been applied. A weighted specific reduction factor (S) was applied using 0.3 for HSG C soil types, and 0.2 for HSG D soil types.

   The right-of-way area will be treated through the use of filter strips, grading to existing low point areas. Green infrastructure measure for the proposed on-site development include bioretention areas and stormwater planters. These measures will provide additional WQv to meet minimum requirements and ensure that the proposed peak rates of runoff to the off-site collection system are at or below existing conditions.

4. Stormwater Management Objectives

   The stormwater management plan has been developed and will be implemented so that the quantity and quality of stormwater runoff during construction and after development are not significantly altered from preconstruction conditions. Primary stormwater management objectives are to replicate as close as possible pre-development hydrology and to avoid causing downstream flooding and flood damage and to employ all means practicable to mitigate increases in pollutant (total suspended solids and total phosphorus) loads that will occur as a result of the proposed Project.

5. Municipal Separate Stormwater Sewer Systems (MS4) & Consultants

   The project site is located within the Town of Cortlandt MS4. The SWPPP will require MS4 approval prior to filing the Notice of Intent (NOI) to request coverage under the NYSDEC General SPDES Permit.

6. Project Permits and Approvals

   The following are anticipated permits and approvals to be sought for the Project.

   Town of Cortlandt
   - Site Plan Approval
   - Wetland Permit
   - Watercourse Diversion

   Westchester County (WC)
   - Department of Health: Onsite Wastewater Treatment System, Backflow Devices

   State of New York (NYS)
   - Department of Environmental Conservation: SPDES Permit
   - Historic Preservation Office: Historic and Archeology Sensitivity Review
   - Department of Transportation: Highway Work Permit

   Federal (US)
   - Army Corps of Engineers: Wetland Permit

   The Town approvals will include review of the proposed extension of an existing culvert under a new driveway and filling of wetland areas. Further discussion of impacts and mitigation can be found in the expanded EAF Part 3.

   The Department of Transportation approval will include review of the proposed access and traffic improvements and associated stormwater measures.

   The proposed project within NYCDEP's EOH Watershed will include less than 2 acres of disturbance and less than 40,000 sf of new impervious area. There will be no new impervious area within the limiting distance of 100 feet of the existing watercourse, and the culvert extension will be limited to the width of the new pervious driveway. Thus, the project does not meet the threshold for NYCDEP review, and is not anticipated to be required.

PLOTTED BY: DIVNEY TUNG SCHWALBE, LLP ALFARO, MARIA C. 9/14/2018 11:14 AM G:\CADD\802 CORTLANDT PITCH\802 SWM-2 DEVELOPED DRAINAGE CONDITIONS.DWG

LINCOLN TITUS ELEMENTARY SCHOOL

PEEKSKILL HOLLOW BROOK BASIN

HUNTER BROOK BASIN (CROTON RIVER BASIN) NYC EOH WATERSHED

EXISTING WATERCOURSE

CONNECT TO EXISTING STORM DRAIN

BIORETENTION AREA WITH UNDERDRAIN

BR-N

BR-N CA

STORMWATER PLANTER, TYP.

LAND BANKED PARKING

BR-N CA

SWP-N CA

PROPOSED INDOOR SPORTS FACILITY

BR-S CA

BR-N CA

PRE-CAST BIO-RETENTION AREA

LAND BANKED PARKING

BR-PKG CA

CREATED WETLAND

GRASSED STABILIZED EMERGENCY ACCESS ROAD

BIORETENTION AREA WITH UNDERDRAIN

BR-S

AA

BB-1 OS

BB-1 BR-N

BB-1 BR-S

CC

CORTLANDT LANES BOWLING ALLEY

LINCOLN AVE

SANITARY SEWAGE DISPOSAL AREA

FS-4 CA

FS-4

FS-3 CA

FS-3

FS-2 CA

FS-2

FS-1 CA

FS-1

BR-S CA

GRAVEL DIAPHRAGM FOR FILTER STRIP, TYP.

NYSDOT RIGHT-OF-WAY

BB-2

BEAR MOUNTAIN STATE PARKWAY

CROMPOND ROAD (ROUTE 202)

EXIST. WETLAND BOUNDARY, TYP.

EXIST. HEADWALL AND WATERCOURSE

MAPLE ROW

400

410

N

0 50 100

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DEVELOPED DRAINAGE CONDITIONS

Cortlandt Pitch
Town of Cortlandt, NY

FIGURE NO. SWM-3
09/14/18

D. **Construction Program**

1. Duration of Activity

   The construction activity is expected to be completed over approximately a one-year period and will involve the grading and construction of new access roadways, parking areas, underground utility systems, building footing and foundation systems, building structures, stormwater management measures, landscaping and other physical improvements.

2. Sequencing Schedule

   The proposed project will be constructed in one phase, including clearing and demolition of existing buildings and construction of the new facility and driveway improvements. Additional sequencing notes are included on the Erosion & Sediment Control Plan drawings.

3. Construction Refuse Control

   All contractors working on the site will provide adequate trash containment services for the construction site at the start of work to maintain a clean, debris-free work area. Typical facilities may be covered containers with openings three inches or smaller or approved equal, and will be emptied on a regular basis. Refuse will be removed from site via a solid-waste contractor and be recycled or disposed per Federal, State and local requirements. Refuse will not be disposed of on site.

E. **Erosion and Sediment Control**

1. Temporary Practices

   Temporary structures and practices, as would be described on the Erosion & Sediment Control Plan drawings, will be installed and maintained throughout the duration of the project's construction. As required by the General Permit, structures and practices located in disturbed areas of the site will be inspected by a Qualified Inspector at least every seven calendar days. Areas of the site that have been finally stabilized will be inspected at least every month until the entire site has been finally stabilized. Following each inspection, the Qualified Inspector is required to document their inspection in a certified inspection report as outlined in Part IV.C. of the GP 0-15-002. Based on the results of the inspections, appropriate revisions to the SWPPP and its implementation will be completed within seven calendar days following the inspection. Refer to the Appendix for a copy of an inspection report form to be used to complete the inspections. Completed reports will be added to and retained as part of this SWPPP.

2. Permanent Structures

   Permanent structures and measures implemented to control the project's quantity and/or the quality of the stormwater will require regular inspections and maintenance. These include permanent erosion control practices (soil stabilization), water quality control practices (i.e. rain gardens), and related stormwater flow controlling structures (culverts, catch basins, etc.). The project sponsor will be responsible for inspecting and maintaining permanent stormwater management structures and practices.

3. Inspection and Maintenance Procedures

   Per Part IV.B. of the General Permit (GP 0-15-002), a Trained Contractor is required to ensure that the erosion and sediment control practices and pollution prevention measures are being implemented daily within the active work area. As previously described and outline in Part IV. C of the General Permit, site observations are to be performed by a Qualified Inspector at least once every seven (7) calendar days when soil disturbance is less than five (5) acres, and twice every seven (7) calendar days when soil disturbance in greater than five (5) acres. A minimum of two (2) full calendar days must separate regular inspections.

   Compliance with the NYSDEC SPDES General Permit for Storm Water Discharges from Construction Activities (GP 0-15-002) includes, but is not limited to, completing the following activities:

   a. Retaining a copy of this SWPPP including text, appendices, and drawings at the site until the date of final stabilization;
   b. Posting a copy of the NOI and a project description at the construction site for public viewing;
   c. Maintaining the SWPPP current;
   d. Submitting a certified Notice of Termination when the site has finally been stabilized and discharges from construction activities have been eliminated;
   e. Maintaining a copy of this SWPPP by the operator for three years following the date of final stabilization.

   The contractor shall refer to the NYSDEC SPDES General Permit for Storm Water Discharges from Construction Activities (GP 0-15-002) included in the Appendix for a complete listing of permit requirements for compliance.

II. STORMWATER MANAGEMENT REPORT

II. STORMWATER MANAGEMENT REPORT

A. Water Quality Control

1. Stormwater Site Planning and Green Infrastructure Objectives

a. Avoid the Impacts (Preserve Natural Features)

The proposed site plan for the Project has been designed to integrate the Project into the surroundings in an environmentally sensitive manner to the extent possible. The grading off-site was designed to mimic existing drainage patterns to maintain the low points and minimize disturbance to the wetland areas. While much of the existing landscaping consists of invasive species or trees in poor condition, the proposed new landscaping and stormwater measures are located to maintain natural buffers with the neighboring sites and incorporate native plantings.

b. Reducing the Impacts (Minimize Hard Surfaces)

The current proposed site plan reflects a layout that minimizes the proposed hard surfaces associated with the Project. The facility was designed with spectator viewing on the second floor, which minimizes the footprint. Emergency access around the building was provided where possible as a grassed stabilized road, which eliminated additional paved drive aisles. Walkways are limited to only the front of the building for adequate ADA access and passenger drop-off. Though modeled as impervious, the land banked spaces will further reduce hard surfaces.

c. Managing the Impacts

Without appropriate stormwater management measures, proposed development on the project site can impact the quality and quantity of the stormwater runoff from the drainage area with the removal of trees, absorbent top soil and natural depressions. The removal of elements that naturally store stormwater runoff by both intercepting, infiltrating and temporarily ponding water result in the concentration of stormwater runoff pollutants and peak rate of flow that could cause downstream erosion. The goal of the proposed stormwater management measures are to attempt to mimic the pre-development condition of the land cover. The project's proposed stormwater management design incorporates the guidelines and requirements outlined in the NYSDEC New York State Stormwater Management Design Manual ("Design Manual") set forth to as closely replicate pre-construction hydrologic conditions while providing treatment and control of runoff. In addition to maintaining stormwater runoff flow from the proposed watershed areas in a manner similar to existing drainage

patterns, the peak rates of runoff at each storm event up to a 100-year storm frequency will be less than or equal to existing conditions.

The following is an outline of the NYSDEC Design Manual's Five-Step Stormwater Management Planning Process that was employed for the project to minimize, reduce or manage the potential impacts.

NYSDEC Five-Step Stormwater Management Planning Process:

1) Site Planning (*Minimize & Reduce Stormwater Impacts*)
   a) Preserving Existing Wooded Buffers
   b) Preserving Existing Wetland/Watercourse, Establishing Wetland Buffers
   c) Limit of Disturbance Minimized
2) Water Quality Volume (*WQv*) Calculation
   a) WQv = 90% storm event
   b) P 1yr = 1.5 in
3) Green Infrastructure Techniques & Standard SMPs (*Manage the Impacts*)
   a) Stormwater Measures with Runoff Reduction Volume (RRv) Capacity
   b) Green Infrastructure Techniques:
      1. Rain Gardens and Bioretention Areas
         a. HSG C & D Soils with Underdrain
         b. RRv=40% WQv
      2. Stormwater Planters
         a. Flow-Through Planter for Retail Roof Runoff
         b. RRv=45%WQv
      3. Filter Strip
4) Stormwater Management Practices (SMPs) for Remaining WQv
5) Detention Volume and Peak Rate Control Practices up to and including the 100-yr Storm Event
   a) Bioretention Areas

Refer to Table Nos. 1 and 2 *Existing Drainage Conditions* and *Developed Drainage Conditions* respectively for a summary of the subwatershed drainage conditions under existing and developed conditions, including area (A), Curve Number (CN) and Time of Concentration (Tc).

2. Rainfall Data/Source

As outlined in the NYSDEC Design Manual, in addition to the 90% storm event (water quality event), the storm frequencies to be used as a basis for computing peak rate of discharge shall be the storms expected once every 1, 10 and 100 years with a

duration of 24 hours as defined by the U.S. Department of Agriculture Soil Conservation Service. Rainfall data maps from the New York State Stormwater Management Design Manual, January 2015, are used to determine rainfall intensity by storm frequency. Additional storm events expected once every 25 and 50 years were analyzed. Rainfall data was collected from the Northeast Regional Climate Center for the project site. The rainfall depths are as follows:

Storm Event	Rainfall Depth (in)
90% Storm Event	1.5
1-Year Storm Event	2.8
2-Year Storm Event	3.4
10-Year Storm Event	5.1
25-Year Storm Event	6.4
50-Year Storm Event	7.7
100-Year Storm Event	9.2

3. Water Quality Volume (WQv) Calculations

   WQv is calculated to be the volume of stormwater runoff from the 90% Rainfall Event, or the 24-hour storm event that occurs 90% of the time which tends to contain higher pollutant levels. WQv requirements are generally met using Standard Treatment Practices (STP), Green Infrastructure measures (GI) and Alternative Treatment Practices. Acceptable measures outlined in the NYSSWM Design Manual are designed to capture and treat the water quality volume and generally provide 80% Total Suspended Solids (TSS) removals and 40% Total Phosphorus (TP) removals. Refer to Table No. 3 *Stormwater Quality Management Measures*.

   Initial WQv requirement calculations are adjusted as runoff reduction techniques are applied. If treatment of 100% of the WQv cannot be address by runoff reduction (RRv) techniques, NYSDEC Standard Treatment Practices are acceptable measures to address the remaining adjusted WQv requirements. The Project will incorporate the use of bioretention practices to meet the adjusted WQv requirements.

4. Runoff Reduction Volume (RRv) Calculations

   Under the NYSDEC General Permit GP-0-15-002, upstream adjuncts, referred to as green infrastructure runoff reduction measures, are required within each subwatershed to treat a portion of stormwater runoff at the source and to allow for infiltration upstream of proposed standard SMP practices, if feasible. This Runoff Reduction Volume (RRv) is calculated to be the total developed water quality

volume for new construction and can be achieved by infiltration, groundwater recharge, reuse, recycle, evaporation/evapotranspiration, where feasible.

a. Site Limitations & Justification of Infeasibility

When meeting treatment of 100% RRv (100% WQv) is not feasible, the NYSDEC New York State Stormwater Management Design Manual allows for the application of a Specified Reduction Factor (S) to be applied, correlated to the Hydrologic Soil Group (HSG) classification. For HSG C, S is equal to 0.30, and for HSG D, S is equal to 0.20. The following provides justification for applying the Specified Reduction Factor to the RRv calculations.

1) Land Use – Consideration is made when selecting green infrastructure measures that the Project land use limits practices due to safety concerns and to maintain existing buffers.
2) Soils & Groundwater – Given the generally poor soil types and high groundwater, the green infrastructure selection practices are further limited.
3) Available Head – As there already exist culverts discharging off-site, the proposed stormwater management design must meet these existing inverts. The available head is limited greatly when generally trying to maintain a balanced site for earthwork.

b. Standard Treatment Practice Selection

1) Bioretention *(40% WQv in HSG C & D with underdrain)* - To be used in areas to treat runoff from roads, walks, driveways and parking areas.

c. Green Infrastructure Practice Selection

The following measures are proposed to treat stormwater runoff at the source and provide a percentage of WQv towards the RRv requirements.

1) Stormwater Planters – 45% WQv in HSG Soils, 30% WQv in HSG Soils

d. Filter Strip

The use of Filter Strips is proposed where runoff can be directed as sheet flow to natural vegetated areas. A gravel diaphragm is used at the top of the filter, with slopes of less than 2% for the first 10 feet and maximum overall slope of 8% for a minimum 50-foot width. Per the Design Manual, the area draining to a filter strip is reduced, or effectively removed, from the on-site summary when computing WQv and RRv.

5. Phosphorous Loading

   Per the request of the Town, a phosphorous loading analysis was prepared. Through the application of the proposed bioretention and green infrastructure measures, there is no estimated increase in phosphorous loads from existing to proposed conditions.

   Refer to Table No. 5 *Estimated Stormwater Pollutant Loads*.

B. **Water Quantity Control**

In addition to the requirements for meeting RRv and WQv, detention requirements must be met for Channel Protection Volume (CPv, 1-year storm event), Overbank Flood Control (Qp, 10-yr storm), Extreme Storm Control (Qf, 100-yr storm).

In accordance with the NYSDEC New York State Stormwater Management Design Manual (NYSSMDM, January 2015), the proposed detention measures, underground detention pipes, have been included in the hydraulic model of the proposed project. In addition, the available extended detention storage above the water quality volume in the Bioretention Area has been modeled. The peak rates of runoff from the developed site at each discharge point are calculated to be generally equal to or less than the peak rates under existing conditions for the 1-year, 2-year, 10-year, 25-year, 50-year and 100-year storm event frequency.

Refer to Table No. 4 *Design Flow Summary* and Table No. 6 *Stormwater Management Basin Summary* for peak flow control modeling.

TABLE NO. 1

CORTLANDT PITCH
CORTLANDT, NEW YORK

EXISTING DRAINAGE CONDITIONS

WATERSHED/ SUBBASIN ID	AREA (ac) [1]			(2) I (%)	(2) R_v	(3) CN	(4) Tc (HRS)	(4) Tt (HRS)	DESIGN POINT #
	IMPERV TOTAL	PERVIOUS	TOTAL AREA						
A	0.04	1.19	1.23	3.4	0.20	72	0.20	---	1
B-1	0.26	3.45	3.71	7.1	0.20	75	0.23	---	1
B-2	0.25	2.63	2.88	8.7	0.20	75	0.20	---	1
C	0.78	6.06	6.84	11.3	0.20	81	0.21	---	2
TOTAL AREA	1.33	13.32	**14.66**						

1. Area based on watershed evaluation, including areas upstream of site.
2. I=Percent Impervious, (Impervious Area/Total Area)*100%; $R_v = 0.05+0.009(I)$, Minimum Rv=0.2
3. CN=Curve Number
4. Tc=Time of Concentration, Tt=Travel Time

TABLE NO. 2

CORTLANDT PITCH
CORTLANDT, NEW YORK

DEVELOPED DRAINAGE CONDITIONS

WATERSHED/ SUBBASIN ID	AREA (ac) [1]			(2) I (%)	(2) R_v	(3) CN	(4) Tc (HRS)	(4) Tt (HRS)	DESIGN POINT #
	IMPERV. TOTAL	PERVIOUS	TOTAL AREA						
AA	0.05	0.93	0.98	5.5	0.20	75	0.20	---	1
BB-1 OS	0.00	2.21	2.21	0.0	0.20	75	0.08	---	1
BB-1 BR-N	1.68	0.11	1.79	94.1	0.90	97	0.08	---	1
BB-1 BR-S	1.31	0.40	1.71	76.4	0.74	92	0.08	---	1
BB-2	0.34	2.22	2.56	13.3	0.20	79	0.16	---	1
CC	0.10	5.40	5.51	1.9	0.20	73	0.17	---	2
TOTAL AREA	3.49	11.27	**14.76**						

1. Area based on watershed evaluation, including areas upstream of project site. **8.02** ; Impervious area w/in LOD **#REF!**
2. I=Percent Impervious, (Impervious Area/Total Area)*100%; $R_v = 0.05+0.009(I)$, Minimum Rv=0.2
3. CN=Curve Number
4. Tc=Time of Concentration, Tt=Travel Time

TABLE NO. 3

CORTLANDT PITCH
CORTLANDT, NEW YORK

STORMWATER QUALITY MANAGEMENT MEASURES

ON-SITE SUMMARY

ON-SITE CALCs	EX AREA	PROPOSED AREA		I[3]	R_v[4]	S[7]	WQv				Runoff Reduction Volume RRv[9]			Adjusted WqV After RRv	
	IMP (ac)	IMP (ac)	TOTAL (ac)	(%)			*Standard*[8] *(cft)*	Redevelopment (cf)[10] Ex Imp	New Const	Required (cft)	New Const (cft)	Required *Min.* (cft)	Provided (cft)	Required (cft)	Provided (cft)
TOTAL SITE[11]	1.33	3.49	14.76	24	0.26	0.25	*18,046*	1,723	11,156	**12,878**	11,156	2,842	**8,837** *(79%)*	4,041	**9,209**
													18,046		

STORMWATER MANAGEMENT MEASURE	CA (sf)	RRv (cf)	Add'l WQv (cf)
Green Infrastructure Measure:			
Stormwater Planter	11,965	639	781
Filter Strip	21,723	2,580	0
Standard SMP Practices:			
Bioretention Practice	118,280	5618	8,427
TOTAL	151,968	**8,837**	**9,209**
		18,046	

NOTES

1. Stormwater Quality based on redevelopment and new construction.
2. Design per New York State Stormwater Management Design Manual, January 2015.
3. I=Impervious Cover (%)
4. Rv = 0.05+0.009(I), Minimum Rv=0.2
5. P=90% Rainfall Event Number
6. P (in) = **1.5** (See Figure 4.1, NYSSMDM, January 2015)
7. S=Hydrologic Soil Group (HSG) Specific Reduction Factor, weighted average used
8. Standard WQv=[(P)(Rv)(A)]/12
9. Runoff Reduction Vol, RRv=[(P)(Rv*)(Ai)]/12; per NYSSMDM Chapter 9, meeting RRv is not required for redevelopment projects, but encouraged. **Rv*= 0.95**
10. Redevelopment WQv: Redevelopment WQv: 25% Ex WQv using NYSDEC Standard Measures or GI RRv Measures or 75% Ex WQv using NYSDEC Alternative Measures + 100% WQv of Increased Impervious Area.
11. Total Site area includes reduction in area through GI practices under proposed conditions.

1. Stormwater Planter: Af=WQv x (df) / [k x (hf + df)(tf)]

Egr Soil:	k=(ft/d)	4		
	depth	1.5	Ponding Depth:	0.5
	porosity	0.2	Filter Time:	0.2
Gravel:	depth	0.50		
	porosity	0.4		

2. Bioretention Practice: Af=WQv x (df) / [k x (hf + df)(tf)]

RRv Capacity for Std SMP *(Table 3.5) HSG A&B wo UD* : 80%
HSG C&D w UD: 40%

Egr Soil:	k=(ft/d)	0.5		
	depth	2.5	Ponding Depth:	0.5
	porosity	0.2	Filter Time:	2.0
Gravel:	depth	0.67		
	porosity	0.4		

**Precast Concrete Planter Box design, see Stormwater Planter*

3. Filter Strip:

Gravel Diaphgragm:		Yes
	width	2
Filter	slope	0-8%
	width	Min. 50

Note: Area reduction adjustment applied based on use of filter strips. On-site summary does not include these areas or their 100% WQv reductions.

SWM Measure	Surf Area (sf)	Stor Vol (cf)	*Equiv Roof Area (sf)*	Cont Roof Area (sf)	Total WQv (cf)	RRv (cf)	Add'l WQv (cf)
SWP-N	1,842	1,637	*13,788*	11,965	1,421	**639**	**781**
	1,842		*13,788*		1,421	**639**	**781**

Flow Thru, RRv=45% Storage Volume

SWM Measure	Surf Area (sf)	Stor Vol (cf)	Cont Imp Area (sf)	Total WQv (cf)	Equiv RRv (cf)	Add'l WQv (cf)
BR-PKG*	1,890	2,520	20,032	2,379	**951**	**1,427**
BR-N	13,241	15,889	61,281	*7,277*	**2,911**	**4,366**
BR-S	8,073	9,687	36,968	4,390	**1,756**	**2,634**
	23,203		118,280	14,046	**5,618**	**8,427**

SWM Measure	Water Quality Vol (WQv) (cf)			WQv Storage Pre-Filtration (cf)		
	Total WQv	25% Req'd Pretreat	75% Req'd Storage	Pretreat grass/gravel/mulch	Surf Vol (6" depth)	WQv Storage b4 Filter
BR-PKG*	2,379	*595*	1,784	*444*	945	1,389
BR-N	*7,277*	*1,819*	5,458	*1,991*	6,620	8,612
BR-S	4,390	*1,097*	3,292	*1,177*	4,036	5,213

SWM Measure	Cont Imp Area (sf)	L Flow Spreader	D Buffer (ft)	Max % Slope	WQv/RRv Reduction
FS-1	4,538	320	50	8	**539**
FS-2	2,217	213	50	8	**263**
FS-3	12,623	475	50	8	**1,499**
FS-4	2,346	82	50	8	**279**
	21,723				**2,580**

TABLE NO. 4

CORTLANDT PITCH
CORTLANDT, NEW YORK

DESIGN FLOW SUMMARY

DESIGN POINT NO.		1-YEAR		2-YEAR		10-YEAR		25-YEAR		50-YEAR		100-YEAR	
		SW Flow (CFS)	Runoff Volume (CFT)	SW Flow (CFS)	Runoff Volume (CFT)	SW Flow (CFS)	Runoff Volume (CFT)	SW Flow (CFS)	Runoff Volume (CFT)	SW Flow (CFS)	Runoff Volume (CFT)	SW Flow (CFS)	Runoff Volume (CFT)
Rainfall (in) *(NRCC Extreme Precip Table)*		2.75		3.37		5.08		6.44		7.70		9.23	
1	Existing	5.0	22,128	7.8	33,585	17.0	70,175	25.0	102,497	32.6	133,860	42.0	173,195
	Developed	4.7	30,100	7.1	46,740	15.7	96,224	24.3	137,824	31.9	177,333	40.7	226,120
	Delta	-0.3	7,971	-0.7	13,155	-1.3	26,049	-0.7	35,327	-0.6	43,473	-1.3	52,925
2	Existing	6.8	27,922	9.8	39,814	18.7	75,882	26.1	106,461	33.0	135,559	41.3	171,583
	Developed	3.4	14,157	5.5	21,867	12.2	46,871	18.0	69,130	23.5	90,866	30.4	118,222
	Delta	-3.4	-13,765	-4.3	-17,947	-6.6	-29,011	-8.1	-37,331	-9.4	-44,693	-10.9	-53,361

TABLE NO. 5

CORTLANDT PITCH
CORTLANDT, NEW YORK

ESTIMATED STORMWATER POLLUTANT LOADS

WATER SHED/ SUBBASIN ID	A TOTAL AREA (ac)	P ANNUAL RAIN (in)	(1) R_v RUNOFF COEFF.	(2) R ANNUAL RUNOFF (in)	(3) RRv GI	(3) WQv SMP	TOTAL PHOSPHOROUS (TP)					
							C (mg/l)	LOAD[4] (lbs/yr)	RRv REM. (%)	WQv REM. (%)	NET (lbs/yr)	NET (kg/yr)
EXISTING ON-SITE POLLUTANT LOADS												
A	1.2	48.6	0.20	15	1	1	0.40	2	0%	0%	2	1
B-1	3.7	48.6	0.20	15	1	1	0.41	5	0%	0%	5	2
B-2	2.9	48.6	0.20	15	1	1	0.40	4	0%	0%	4	2
C	6.8	48.6	0.20	15	1	1	0.41	9	0%	0%	9	4
Cortlandt Pitch	**14.7**										**20**	**9**
DEVELOPED ON-SITE POLLUTANT LOADS												
AA	1.0	48.6	0.20	15	1	1	0.40	1	0%	0%	1	1
BB-1 OS	2.2	48.6	0.20	15	1	1	0.34	2	0%	0%	2	1
BB-1 BR-N	1.8	48.6	0.90	65	5	1	0.34	9	65%	0%	3	1
BB-1 BR-S	1.7	48.6	0.74	54	5	1	0.34	7	65%	0%	2	1
BB-2	2.6	48.6	0.20	15	1	1	0.34	3	0%	0%	3	1
CC	5.5	48.6	0.20	15	1	1	0.41	7	0%	0%	7	3
Cortlandt Pitch	**14.8**							*30*			**20**	**9**

POLLUTION REDUCTION EFFICIENCIES FOR SMPs [3]				
No.	TYPE	REMOVAL RATE		
		TSS	TP	F Coli
1	NO SMP MEASURE	0%	0%	0%
2	MICROPOOL EXT DET'N	50%	40%	70%
3	INFILTR'N (POROUS PVMT)	80%	50%	0%
4	UG SAND FILTER	80%	59%	37%
5	BIORETENTION AREAS	90%	65%	0%
6	HYDRODYNAMIC SEPARATORS[6]	50%	10%	0%
7	GREEN INFRASTRUCTURE	80%	100%	0%

1. Rv = 0.05+0.009(I), Minimum Rv=0.2
2. R = P * P_j * R_v ; Pj = Fraction of annual rainfall events that produce runoff, for Westchester (in):
3. **Source: TP Removal Rates: East of Hudson Watershed Corporation Stormwater Retrofit Project Design Manual, 2015. TSS and Bacteria Removal Rate: CWP National Pollutant Removal Performance Database, V3, 2007. Median effiency rate used.**
4. The Simple Method for Pollutant Loading, L = 0.226*R*C*A. L=annual load (lbs); R=Annual runoff (in); C=Pollutant
6. NJDEP Certified Stormwater Management Treatment Devices: Contech CDS Hydrodynamic Separator or approved equal
7. Median Event Mean Concentrations for Urban Land Uses (EPA)
   Total Phosphorus Concentration *(mg/L):*

	Source
0.34	EoH Watershed Corporation, Commercial
0.41	EoH Watersehd Corporation, Residential
0.40	EoH Watershed Corporation, Pasture
0.15	EoH Watershed Corporation, Forest

TABLE NO. 6

CORTLANDT PITCH
CORTLANDT, NEW YORK

STORMWATER MANAGEMENT BASIN SUMMARY

BASIN ID	BASE ELEV.	BERM ELEV.	OCS	1-YEAR		2-YEAR		10-YEAR		25-YEAR		50-YEAR		100-YEAR	
				HWE[(1)]	SV[(2)]	HWE[(1)]	SV[(2)]	HWE[(1)]	SV[(2)]	HWE[(1)]	SV[(2)]	HWE[(1)]	SV[(2)]	HWE[(1)]	SV[(2)]
BB-1 BR-N	398.00	400.75	15-in Riser @398.33	398.44	0.24	398.57	0.26	398.87	0.33	399.09	0.38	399.27	0.42	399.48	0.48
BB-1 BR-S	398.50	401.00	15-in Riser @398.83	398.93	0.17	399.05	0.19	399.38	0.24	399.62	0.28	399.83	0.32	400.08	0.37
WETLAND	395.25	401.00		395.62	0.06	395.86	0.10	396.54	0.23	396.93	0.31	397.14	0.36	397.39	0.42

[(1)] High Water Elevation (Feet)
[(2)] Storage Volume (Acre Feet)

C. **Erosion & Sediment Control**

1. Construction Erosion & Sediment Control Plan

   The goal of the proposed erosion and sediment control measures at the Project Site is to prevent erosion through runoff controls and soil stabilization. If runoff controls and soil stabilization are not sufficient, sediment controls are proposed to remove sediment from water. The following describes the three methodologies.

   a. Runoff Control

      Proposed runoff controls for the Project include diversion swales to keep stormwater runoff from undisturbed areas from flowing onto the limit of work area. Within the work area, temporary swales are designed to direct water away from disturbed areas. Check dams are proposed within the swales to allow for the settling of sediment. Outlet protection is required at each of the perimeter's existing headwalls to the boundary wetlands until the site is stabilized.

   b. Soil Stabilization

      Temporary and permanent soil stabilization include mulching, seeding and slope stabilization with plantings and/or fabrics. Mulching can be performed with wood chips, spray mulching and gravel. Temporary seeding is encouraged in disturbed areas outside of the current work area. This includes stockpiled material that is not anticipated to be used for a month or longer. Stabilizing steep slopes is imperative to protect the downstream work areas, and can include rolled matting, gabion walls, plant plugs and proprietary slope stabilization methods.

   c. Sediment Control

      Proposed sediment control measures on-site include stabilized construction entrances at both the northern work area and the southern village site. Concrete washout areas will be provided adjacent to the construction entrances. Sediment traps and basins are proposed, sized for the contributing drainage area (3,600 cf/acre). These measures include filtering systems at the outlet to ensure that there is no sediment transport from the site. Inlet protection is required at each of the perimeter's existing drain inlets and at any proposed inlets until the site is stabilized. Along the downhill slopes of the disturbed work areas, silt fence is required and must be properly installed and 'toed-in' to the soil.

   d. 5 Acre Disturbance

      No disturbance greater than five acres will occur without prior written approval from the MS4 which will be included in the SWPPP.

2. Post Construction Management Plan

Upon final stabilization of the project site, permanent measures are required to be inspected, observed and maintained for the life of the project. The permanent measures will provide erosion and sediment control by slowing down runoff and removing pollutants. Stabilized vegetated areas will provide additional benefits by minimizing the impacts and reducing stormwater runoff.

3. Inspections & Maintenance of Permanent Structures

The key to success of the proposed erosion and sediment control measures is regular inspections and observation and on-going maintenance for the life of the project. It is anticipated that the measures will require cleaning, replacement and maintenance as outlined in Table No. 7, Stormwater Management Inspections & Maintenance of Permanent Structures. The project sponsor will be responsible for inspecting and maintaining permanent stormwater management structures and practices.

Table No. 7
Stormwater Management Inspections & Maintenance of Permanent Structures

Structure Or Practice	Minimum Inspection Frequency	Conditions to be Identified	Maintenance Required
Paved Areas	Semi-Annually	Pavement Damage	Repair or repave; Remove sand
Bioretention, Swales, Planters,	Semi-Annually	Weeds, Sediment Accumulation	Mulch and weed with landscaping, Remove sediment when capacity reduced by 10% or +
Vegetated Areas	Monthly	Erosion	Regrade & vegetate as necessary
Drainage Pipes	Semi-Annually	Debris Accumulation	Remove debris when cross-sectional area of pipe is reduced by 10% or +
Catch Basins, Inlets & Manholes	Semi-Annually	Sediment Accumulation	Remove sediment min. of 2x year or when storage reduced by 10% or +

A formal maintenance agreement and guarantee will be established between the Project Sponsor and the MS4, Town of Cortlandt. The agreement will outline the reporting procedures and action plan remediation, if required. The MS4 is required to provide on-going reporting to the NYSDEC on an annual basis.

4. Soil Restoration

   Upon completion of mass earthwork and prior to the fine grading of planted stormwater management measures, the contractor is required to restore the original properties and porosity of the soil by deep till and amendment with compost in all areas that are to remain pervious. This will reduce the generation of runoff and enhance the runoff reduction performance of the grass channels, rain gardens, bioretention areas and tree plantings.

Conclusion

The SWPPP evaluates the potential stormwater management impacts anticipated with the proposed project and insures that those impacts are mitigated both during and post construction with the use of temporary and permanent stormwater treatment practices. As included in the Appendix, the stormwater management analysis has been prepared consistent with the NYSDEC New York State Stormwater Management Design Manual (Design Manual), dated January 2015, guidelines and requirements for stormwater quantity and quality control, including runoff reduction requirements to mimic existing infiltration conditions, thereby being in conformance with the NYSDEC SPDES General Permit GP-0-15-002 requirements.

III. APPENDIX

DIVNEY • TUNG • SCHWALBE
Intelligent Land Use

CORTLANDT PITCH
CORTLANDT, NEW YORK

STORMWATER POLLUTION PREVENTION PLAN APPENDIX

Prepared for the Fulfillment of:

New York State Department of Environmental Conservation
SPDES General Permit for Stormwater Discharges from Construction Activities
Permit No. GP-0-15-002

Prepared By:

DIVNEY TUNG SCHWALBE, LLP
One North Broadway, Suite 1407
White Plains, New York 10601

September 2018

A. METHODOLOGY

A. METHODOLOGY

1. Zero Increase in Watershed Peak Runoff

In accordance with standard development practices, the peak rate of stormwater discharge from the site after the completion of development shall not exceed the estimated pre-development peak discharge.

2. Storm Frequencies

The storm frequencies to be used as a basis for computing peak rate of discharge shall be storms expected once every 1, 2, 10, 25, 50, and 100 years with a duration of 24 hours as defined by the U.S. Department of Agriculture Soil Conservation Service.

3. Technical Approach

The method used for estimating peak discharge shall be as per the document released by the Engineering Division of the U.S. Department of Agriculture Soil Conservation Service titled "Urban Hydrology for Small Watersheds", Technical Release No. 55, dated June 1986, Type III Storm Distribution. This criterion governs the data that is input into the software, namely the Haestead Methods Quick TR-55 computer program. A summary of the flows under existing and proposed conditions is provided. The complete input and output data is available upon request.

4. Soil Classifications

The soil classifications and their limits were provided from mapping compiled by the U.S. Department of Agriculture Soil Conservation Service. The USDA report summary is provided at the end of Section A. Methodology.

5. Detention Requirements

The continuity equation and level pool reservoir routing methods[1] are used to route watershed inflow hydrographs through the stormwater management measures.

6. Rainfall Intensity

The model was run using the Northeast Regional Climate Center rainfall depths for the project site, and in accordance with the NYSDEC revised stormwater rainfall depths outlined in the New York State Stormwater Management Design Manual, January 2015. Frequency and intensities, which have been used in this report, are as follows:

CORTLANDT, WESTCHESTER COUNTY, NEW YORK

RAINFALL INTENSITY BY STORM FREQUENCY

Storm Frequency Year	Rainfall Intensity (24-Hour Period) (Inches)
100	9.2
50	7.7
25	6.4
10	5.1
2	3.4
1	2.8
90% Event	*1.5*

[1] Soil Conservation Service, *Technical Release – 55*, 1986, Chapter 6.

Extreme Precipitation Tables

Northeast Regional Climate Center

Data represents point estimates calculated from partial duration series. All precipitation amounts are displayed in inches.

Smoothing	Yes
State	New York
Location	
Longitude	73.872 degrees West
Latitude	41.295 degrees North
Elevation	0 feet
Date/Time	Wed, 12 Sep 2018 13:19:08 -0400

Extreme Precipitation Estimates

	5min	10min	15min	30min	60min	120min		1hr	2hr	3hr	6hr	12hr	24hr	48hr		1day	2day	4day	7day	10day	
1yr	0.34	0.52	0.64	0.84	1.05	1.31	**1yr**	0.91	1.23	1.50	1.84	2.26	2.75	3.13	**1yr**	2.44	3.01	3.49	4.16	4.81	**1yr**
2yr	0.40	0.62	0.77	1.01	1.27	1.59	**2yr**	1.10	1.48	1.82	2.24	2.75	3.37	3.78	**2yr**	2.98	3.64	4.18	4.92	5.60	**2yr**
5yr	0.46	0.72	0.90	1.21	1.55	1.96	**5yr**	1.33	1.81	2.26	2.81	3.46	4.25	4.81	**5yr**	3.76	4.62	5.34	6.16	6.94	**5yr**
10yr	0.51	0.81	1.02	1.38	1.79	2.29	**10yr**	1.55	2.11	2.66	3.33	4.12	5.08	5.77	**10yr**	4.50	5.55	6.43	7.29	8.16	**10yr**
25yr	0.59	0.93	1.19	1.64	2.19	2.84	**25yr**	1.89	2.60	3.32	4.18	5.21	6.44	7.35	**25yr**	5.70	7.07	8.22	9.13	10.13	**25yr**
50yr	0.66	1.06	1.35	1.90	2.55	3.34	**50yr**	2.20	3.04	3.92	4.97	6.21	7.70	8.84	**50yr**	6.82	8.50	9.91	10.83	11.93	**50yr**
100yr	0.74	1.19	1.54	2.18	2.98	3.94	**100yr**	2.57	3.56	4.65	5.91	7.42	9.23	10.63	**100yr**	8.17	10.22	11.94	12.84	14.05	**100yr**
200yr	0.84	1.36	1.77	2.53	3.49	4.64	**200yr**	3.01	4.17	5.49	7.03	8.86	11.07	12.79	**200yr**	9.80	12.30	14.41	15.24	16.56	**200yr**
500yr	0.99	1.63	2.12	3.07	4.30	5.78	**500yr**	3.71	5.14	6.88	8.86	11.23	14.09	16.35	**500yr**	12.47	15.72	18.48	19.11	20.59	**500yr**

Lower Confidence Limits

	5min	10min	15min	30min	60min	120min		1hr	2hr	3hr	6hr	12hr	24hr	48hr		1day	2day	4day	7day	10day	
1yr	0.27	0.42	0.51	0.69	0.85	1.14	**1yr**	0.73	1.12	1.35	1.71	2.10	2.36	2.70	**1yr**	2.09	2.59	3.24	3.85	4.47	**1yr**
2yr	0.39	0.60	0.73	0.99	1.23	1.47	**2yr**	1.06	1.44	1.68	2.13	2.67	3.24	3.66	**2yr**	2.87	3.52	4.04	4.75	5.43	**2yr**
5yr	0.44	0.67	0.83	1.14	1.46	1.72	**5yr**	1.26	1.68	1.96	2.48	3.12	4.01	4.40	**5yr**	3.55	4.24	4.86	5.67	6.35	**5yr**
10yr	0.48	0.74	0.91	1.28	1.65	1.92	**10yr**	1.43	1.88	2.22	2.78	3.51	4.44	5.06	**10yr**	3.93	4.86	5.58	6.45	7.10	**10yr**
25yr	0.55	0.83	1.04	1.48	1.95	2.23	**25yr**	1.68	2.18	2.59	3.19	4.11	5.29	6.07	**25yr**	4.68	5.84	7.15	7.68	8.20	**25yr**
50yr	0.61	0.92	1.15	1.65	2.23	2.50	**50yr**	1.92	2.44	2.94	3.58	4.65	6.07	6.96	**50yr**	5.37	6.69	8.34	8.77	9.15	**50yr**
100yr	0.68	1.03	1.29	1.87	2.56	2.83	**100yr**	2.21	2.76	3.33	4.00	5.28	6.97	7.99	**100yr**	6.17	7.69	9.75	10.01	10.20	**100yr**
200yr	0.77	1.15	1.46	2.12	2.95	3.19	**200yr**	2.55	3.12	3.80	4.51	5.99	8.04	9.19	**200yr**	7.12	8.84	11.42	11.41	11.38	**200yr**
500yr	0.91	1.35	1.74	2.52	3.59	3.76	**500yr**	3.09	3.67	4.54	5.28	7.13	9.76	11.07	**500yr**	8.63	10.64	14.10	13.60	13.12	**500yr**

Upper Confidence Limits

	5min	10min	15min	30min	60min	120min		1hr	2hr	3hr	6hr	12hr	24hr	48hr		1day	2day	4day	7day	10day	
1yr	0.37	0.58	0.71	0.95	1.17	1.43	**1yr**	1.01	1.39	1.61	2.06	2.50	2.96	3.37	**1yr**	2.62	3.24	3.73	4.58	5.23	**1yr**
2yr	0.41	0.64	0.79	1.07	1.32	1.58	**2yr**	1.14	1.54	1.79	2.32	2.88	3.54	3.96	**2yr**	3.13	3.81	4.35	5.12	5.85	**2yr**
5yr	0.49	0.76	0.94	1.30	1.65	1.98	**5yr**	1.42	1.94	2.30	2.98	3.77	4.52	5.25	**5yr**	4.00	5.05	5.84	6.70	7.49	**5yr**
10yr	0.57	0.88	1.09	1.53	1.97	2.36	**10yr**	1.70	2.31	2.76	3.62	4.61	5.79	6.54	**10yr**	5.12	6.29	7.31	8.23	9.11	**10yr**
25yr	0.70	1.06	1.32	1.89	2.48	2.99	**25yr**	2.14	2.92	3.52	4.74	6.02	7.68	8.75	**25yr**	6.80	8.41	9.26	10.80	11.78	**25yr**
50yr	0.81	1.23	1.53	2.21	2.97	3.59	**50yr**	2.56	3.51	4.23	5.80	7.36	9.54	10.89	**50yr**	8.44	10.47	11.46	13.27	14.32	**50yr**
100yr	0.95	1.43	1.79	2.59	3.55	4.30	**100yr**	3.07	4.21	5.08	7.11	8.99	11.83	13.58	**100yr**	10.47	13.06	14.16	16.32	17.40	**100yr**
200yr	1.10	1.66	2.10	3.04	4.24	5.15	**200yr**	3.66	5.04	6.10	8.67	10.97	14.69	16.94	**200yr**	13.00	16.29	17.52	20.03	21.17	**200yr**
500yr	1.36	2.02	2.60	3.78	5.37	6.54	**500yr**	4.63	6.39	7.74	11.33	14.27	19.53	22.70	**500yr**	17.29	21.83	23.21	26.36	27.46	**500yr**

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Northeast Regional Climate Center

Soil Map—Westchester County, New York

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Westchester County, New York
Survey Area Data: Version 11, Sep 25, 2015

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 26, 2011—Apr 16, 2012

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Westchester County, New York (NY119)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
PnB	Paxton fine sandy loam, 3 to 8 percent slopes	6.1	51.1%
RdB	Ridgebury loam, 3 to 8 percent slopes	2.4	20.4%
Ub	Udorthents, smoothed	0.0	0.3%
Uf	Urban land	0.1	0.5%
WdB	Woodbridge loam, 3 to 8 percent slopes	3.3	27.7%
Totals for Area of Interest		**11.9**	**100.0%**

Westchester County, New York

PnB—Paxton fine sandy loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: 2t2qp
Elevation: 0 to 1,570 feet
Mean annual precipitation: 36 to 71 inches
Mean annual air temperature: 39 to 55 degrees F
Frost-free period: 140 to 240 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Paxton and similar soils: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Paxton

Setting

Landform: Drumlins, ground moraines, hills
Landform position (two-dimensional): Backslope, summit, shoulder
Landform position (three-dimensional): Side slope, crest, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex
Parent material: Coarse-loamy lodgment till derived from gneiss, granite, and/or schist

Typical profile

Ap - 0 to 8 inches: fine sandy loam
Bw1 - 8 to 15 inches: fine sandy loam
Bw2 - 15 to 26 inches: fine sandy loam
Cd - 26 to 65 inches: gravelly fine sandy loam

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: 18 to 39 inches to densic material
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.14 in/hr)
Depth to water table: About 18 to 37 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2s

Hydrologic Soil Group: C

Minor Components

Woodbridge

Percent of map unit: 9 percent
Landform: Drumlins, ground moraines, hills
Landform position (two-dimensional): Backslope, footslope, summit
Landform position (three-dimensional): Side slope
Down-slope shape: Concave
Across-slope shape: Linear

Ridgebury

Percent of map unit: 6 percent
Landform: Depressions, ground moraines, drainageways, hills
Landform position (two-dimensional): Toeslope, backslope, footslope
Landform position (three-dimensional): Base slope, head slope, dip
Down-slope shape: Concave
Across-slope shape: Concave

Charlton

Percent of map unit: 5 percent
Landform: Hills
Down-slope shape: Linear
Across-slope shape: Linear

Data Source Information

Soil Survey Area: Westchester County, New York
Survey Area Data: Version 11, Sep 25, 2015

Westchester County, New York

RdB—Ridgebury loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: bd9c
Elevation: 50 to 1,000 feet
Mean annual precipitation: 46 to 50 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 115 to 215 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Ridgebury, somewhat poorly drained, and similar soils: 50 percent
Ridgebury, poorly drained, and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ridgebury, Somewhat Poorly Drained

Setting

Landform: Hills, till plains, drumlinoid ridges
Landform position (two-dimensional): Footslope, summit
Landform position (three-dimensional): Base slope
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Loamy till derived mainly from granite, gneiss, and schist

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 26 inches: gravelly fine sandy loam
H3 - 26 to 60 inches: gravelly loam

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: 14 to 30 inches to densic material
Natural drainage class: Somewhat poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 6 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 3.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: B/D

Description of Ridgebury, Poorly Drained

Setting

Landform: Hills, till plains, drumlinoid ridges
Landform position (two-dimensional): Footslope, summit
Landform position (three-dimensional): Base slope
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Loamy till derived mainly from granite, gneiss, and schist

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 26 inches: gravelly fine sandy loam
H3 - 26 to 60 inches: gravelly loam

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: 14 to 30 inches to densic material
Natural drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 3.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: B/D

Minor Components

Sun

Percent of map unit: 5 percent
Landform: Depressions

Leicester

Percent of map unit: 3 percent

Woodbridge

Percent of map unit: 3 percent

Paxton

Percent of map unit: 2 percent

Ridgebury, very stony

Percent of map unit: 2 percent

Data Source Information

Soil Survey Area: Westchester County, New York
Survey Area Data: Version 11, Sep 25, 2015

Westchester County, New York

WdB—Woodbridge loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: 2w688
Elevation: 0 to 1,280 feet
Mean annual precipitation: 36 to 71 inches
Mean annual air temperature: 39 to 55 degrees F
Frost-free period: 145 to 240 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Woodbridge, loam, and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Woodbridge, Loam

Setting

Landform: Drumlins, ground moraines, hills
Landform position (two-dimensional): Summit, backslope, footslope
Landform position (three-dimensional): Side slope, crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Coarse-loamy lodgment till derived from gneiss, granite, and/or schist

Typical profile

Ap - 0 to 6 inches: loam
Bw1 - 6 to 18 inches: gravelly loam
Bw2 - 18 to 29 inches: gravelly loam
Cd - 29 to 65 inches: gravelly loam

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: 20 to 39 inches to densic material
Natural drainage class: Moderately well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.14 in/hr)
Depth to water table: About 18 to 30 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: Low (about 4.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w

Hydrologic Soil Group: C/D

Minor Components

Paxton

Percent of map unit: 7 percent
Landform: Drumlins, ground moraines, hills
Landform position (two-dimensional): Shoulder, summit, backslope
Landform position (three-dimensional): Crest, side slope
Down-slope shape: Linear, convex
Across-slope shape: Convex

Ridgebury

Percent of map unit: 7 percent
Landform: Depressions, drumlins, ground moraines, drainageways, hills
Landform position (two-dimensional): Toeslope, footslope
Landform position (three-dimensional): Base slope, head slope
Down-slope shape: Concave
Across-slope shape: Concave

Sutton

Percent of map unit: 1 percent
Landform: Ground moraines, hills
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave
Across-slope shape: Linear

Data Source Information

Soil Survey Area: Westchester County, New York
Survey Area Data: Version 11, Sep 25, 2015

B. SUMMARY TABLES

CORTLANDT PITCH
CORTLANDT, NEW YORK

EXISTING CONDITIONS CURVE NUMBER COMPUTATIONS

WATERSHED/ SUBBASIN ID	HYDRO-LOGIC GROUP [1]	COVER TYPE [2]	HYDRO-LOGIC COND. [3]	HSG Specific Reduction Factor, S[4]	TOTAL AREA (AC)	IMPERVIOUS AREA			PERVIOUS AREA			WEIGHTED CN
						AREA (AC)	CN [5]	A x CN	AREA (AC)	CN [5]	A x CN	
A	C	Meadow	--	0.30	1.19	0.00	98	0.0	1.19	71	84.3	71
	C	Open Space	Good	0.30	0.04	0.04	98	4.1	0.00		0.0	98
	C			0.30	0.00	0.00	98	0.0	0.00		0.0	98
TOTAL:				0.30	1.23	0.04		4.1	1.19		84.3	72
B-1	C	Meadow		0.30	2.34	0.00	98	0.0	2.34	71	166.4	71
	C	Open Space	Good	0.30	0.46	0.26	98	25.7	0.20	74	15.0	88
	D	Meadow		0.20	0.90	0.00	98	0.0	0.90	78	70.2	78
TOTAL:				0.28	3.71	0.26		25.7	3.45		251.6	75
B-2	C	Meadow		0.30	1.83	0.00	98	0.0	1.83	71	129.7	71
	C	Open Space		0.30	0.17	0.17	98	16.9	0.00		0.0	98
	D	Meadow		0.20	0.80	0.00	98	0.0	0.80	78	62.4	78
	C	Gravel		0.30	0.08	0.08	98	7.7	0.00		0.0	
TOTAL:				0.27	2.88	0.25		24.7	2.63		192.1	75
C	D	Open Space		0.20	4.58	0.58	98	56.8	4.00	80	320.1	82
	C	Open Space		0.30	0.76	0.20	98	19.3	0.56	74	41.7	80
	C	Woods		0.30	0.15	0.00	98	0.0	0.15	70	10.5	70
	D	Woods		0.20	1.35	0.00	98	0.0	1.35	77	104.0	77
TOTAL:				0.21	6.84	0.78		76.1	6.06		476.2	81

1. Hydrologic Soil Group classification, see Soil Survey of Putnam and Westchester Counties, New York. United States Department of Agriculture, Soil Conservation Service.
2. S=Hydrologic Soil Group (HSG) Specific Reduction Factor
2. Cover Type as listed per Tables 2-2a.-c.-Runoff Curve Numbers for Urban Areas, TR-55 Urban Hydrology for Small Watersheds, Second Edition, June 1986, page 2-5.
3. Hydrologic Condition either Poor, Fair or Good per Tables 2-2a.-c.-Runoff Curve Numbers for Urban Areas, TR-55 Urban Hydrology for Small Watersheds, Second Edition, June 1986, page 2-5.
4. Specific Reduction factors for the HSGs per NYSSMDM, Chapter 4, Section 4.3:
   HSG A 0.55
   HSG B 0.40
   HSG C 0.30
   HSG D 0.20
5. CN values from Tables 2-2a.-c.-Runoff Curve Numbers for Urban Areas, TR-55 Urban Hydrology for Small Watersheds, Second Edition, June 1986, page 2-5.

CORTLANDT PITCH
CORTLANDT, NEW YORK

DEVELOPED CONDITIONS CURVE NUMBER COMPUTATIONS

WATERSHED/ SUBBASIN ID	HYDRO-LOGIC GROUP [1]	COVER TYPE [2]	HYDRO-LOGIC COND. [3]	HSG Specific Reduction Factor, S[4]	TOTAL AREA (AC)	IMPERVIOUS AREA			PERVIOUS AREA			WEIGHTED CN
						AREA (AC)	CN [5]	A x CN	AREA (AC)	CN [5]	A x CN	
AA	C	Open Space	Good	0.30	0.98	0.05	98	5.3	0.93	74	68.8	75
TOTAL:				0.30	0.98	0.05		5.3	0.93		68.8	75
BB-1 OS	C	Open Space	Good	0.30	2.01	0.00	98	0.0	2.01	74	148.7	74
	D	Open Space	Good	0.20	0.20	0.00	98	0.0	0.20	80	15.8	80
TOTAL:				0.29	2.21	0.00		0.0	2.21		164.4	75
BB-1 BR-N	C	Open Space	Good	0.30	1.50	1.40	98	136.9	0.11	74	7.9	96
	D	Open Space	Good	0.20	0.28	0.28	98	27.9	0.00	80	0.0	98
TOTAL:				0.28	1.79	1.68		164.8	0.11		7.9	97
BB-1 BR-S	C	Open Space	Good	0.30	1.50	1.09	98	107.1	0.40	74	30.0	92
	D	Open Space	Good	0.20	0.22	0.22	98	21.1	0.00	80	0.0	98
TOTAL:				0.29	1.71	1.31		128.2	0.40		30.0	92
BB-2	C	Open Space	Good	0.30	1.81	0.25	98	24.1	1.56	74	115.8	77
	D	Open Space	Good	0.20	0.75	0.09	98	9.3	0.66	80	52.7	82
TOTAL:				0.27	2.56	0.34		33.4	2.22		168.5	79
CC	C	Open Space	Good	0.30	0.68	0.10	98	10.2	0.58	74	42.8	78
	D	Woods	Good	0.20	0.49	0.00	98	0.0	0.49		0.0	0
	D	Open Space	Good	0.20	4.34	0.00	98	0.0	4.34	80	347.1	80
TOTAL:				0.21	5.51	0.10		10.2	5.40		389.9	73

1. Hydrologic Soil Group classification, see Soil Survey of Putnam and Westchester Counties, New York. United States Department of Agriculture, Soil Conservation Service.
2. S=Hydrologic Soil Group (HSG) Specific Reduction Factor
2. Cover Type as listed per Tables 2-2a.-c.-Runoff Curve Numbers for Urban Areas, TR-55 Urban Hydrology for Small Watersheds, Second Edition, June 1986, page 2-5.
3. Hydrologic Condition either Poor, Fair or Good per Tables 2-2a.-c.-Runoff Curve Numbers for Urban Areas, TR-55 Urban Hydrology for Small Watersheds, Second Edition, June 1986, page 2-5.
4. Specific Reduction factors for the HSGs per NYSSMDM, Chapter 4, Section 4.3: HSG A 0.55

CORTLANDT PITCH
CORTLANDT, NEW YORK

EXISTING TIME OF CONCENTRATION (OR TRAVEL TIME)

				WATERSHED/ SUBBASIN ID			
				A	B-1	B-2	C
SHEET FLOW							
1.	Surface Description (See Table Below) [1]			6	6	6	5
2.	Mannings Roughness Coefficient	**n**		0.24	0.24	0.24	0.15
3.	Flow Length (Total L≤100FT)	**L**	ft	100	100	100	100
4.	2-YR 24-HR Rainfall [2]	$\mathbf{P_2}$	in	3.4	3.4	3.4	3.4
5.	Land Slope	**s**	ft/ft	0.05	0.04	0.04	0.04
6.	Travel Time $Tt = (0.007(\mathbf{nL})^{0.8})/(\mathbf{P_2}^{0.5} * \mathbf{s}^{0.4})$	$\mathbf{T_t}$	hr	**0.16**	**0.19**	**0.18**	**0.12**
SHALLOW CONCENTRATED FLOW							
7.	Surface Description (paved or unpaved)			unpaved	unpaved	unpaved	unpaved
8.	Flow Length	**L**	ft	322	245	304	215
9.	Watercourse Slope	**s**	ft/ft	0.02	0.01	0.05	0.06
10.	Average Velocity [3]	**V**	ft/s	2.20	1.60	3.60	4.00
11.	$Tt = \mathbf{L} / 3600\mathbf{V}$	$\mathbf{T_t}$	hr	**0.04**	**0.04**	**0.02**	**0.01**
CHANNEL FLOW							
12.	Cross Sectional Flow Area	**a**	ft^2	0.00	0.00	0.00	5.00
13.	Wetted Perimeter	$\mathbf{p_w}$	ft	0.03	0.03	0.03	11.00
14.	Hydraulic Radius, $r = a/p_w$	**r**	ft	0.00	0.00	0.00	0.45
15.	Channel Slope	**s**	ft/ft	0.01	0.01	0.01	0.00
16.	Manning's Roughness Coefficient [4]	**n**		0	0	0	0
17.	Velocity = $(1.49r^{2/3}s^{1/2})/n$	**V**	ft/s	0.0	0.0	0.0	1.5
18.	Flow Length	**L**	ft	0	0	0	400
19.	$Tt = \mathbf{L} / 3600\mathbf{V}$	$\mathbf{T_t}$	hr	**0.00**	**0.00**	**0.00**	**0.08**
TOTAL WATERSHED Tc		$\mathbf{T_c}$	hr	**0.20**	**0.23**	**0.20**	**0.21**

	ROUGHNESS COEFFICIENTS (Manning's n) FOR SHEET FLOW [1]	
1	Smooth (conc, asphalt, gravel, bare soil)	0.011
2	Fallow (no residue)	0.05
3	Cultivated Soils, Residue Cover ≤ 20%	0.06
4	Cultivated Soils, Residue Cover > 20%	0.17
5	Short Grass Prairie	0.15
6	Dense Grass	0.24
7	Bermuda Grass	0.41
8	Range (natural)	0.13
9	Woods (light)	0.4

1 Table 3-1. - Roughness coefficients (Manning's n) for SHEET FLOW, TR-55 Urban Hydrology for Small Watersheds, page 3-3.
2 Westchester County Rainfall, NYSDEC Amendment NY-1, November 7, 1990, page 2-14.5
3 Figure 3-1. - Average velocities for estimating travel time for shallow concentrated flow, TR-55 Urban Hydrology forSmall Watersheds, page 3-2.
4 Roughness coefficients (Manning's n) for CHANNEL FLOW. See Handbook of Hydraulics or equal.

CORTLANDT PITCH
CORTLANDT, NEW YORK

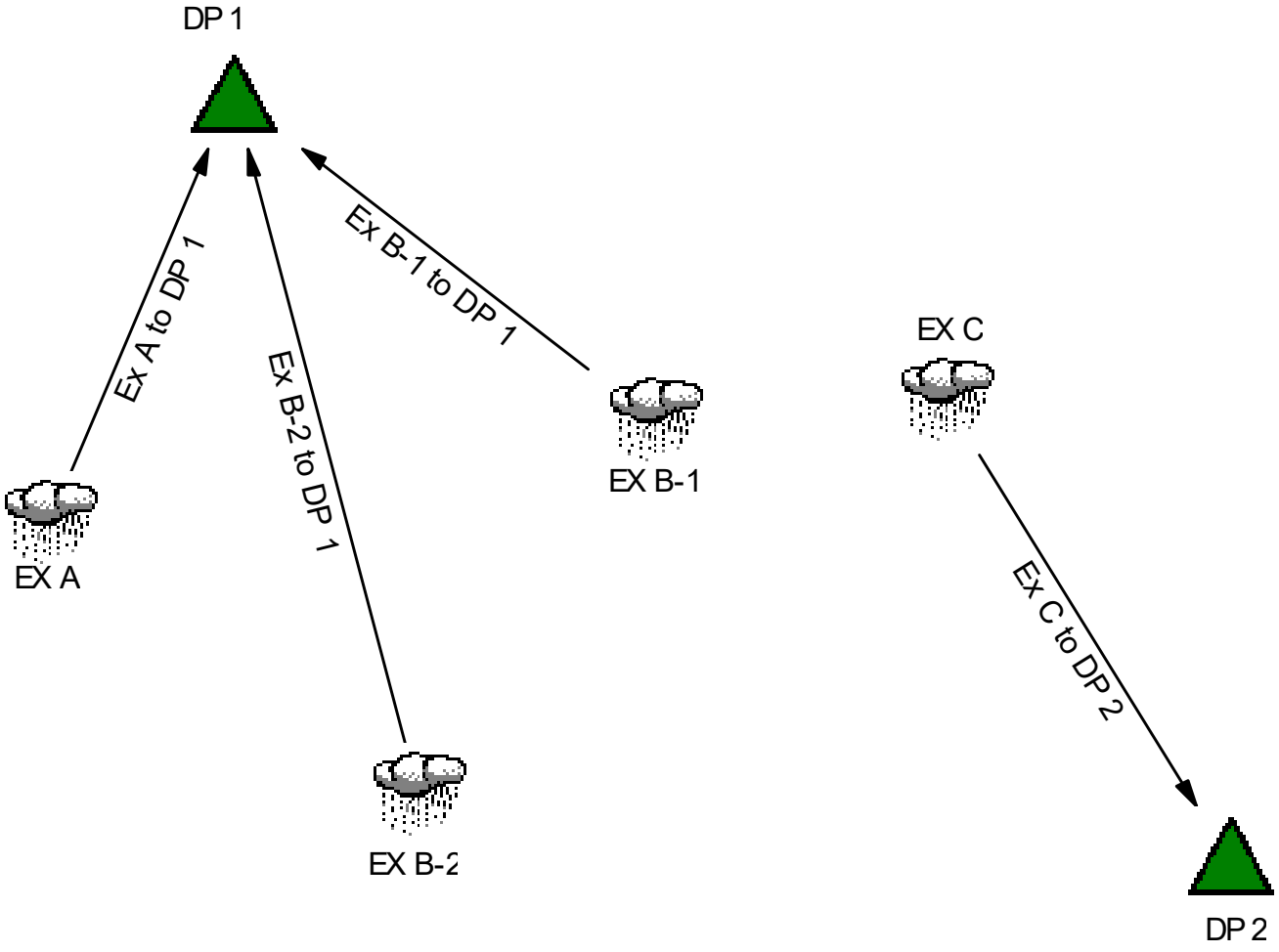
DEVELOPED TIME OF CONCENTRATION (OR TRAVEL TIME)

				WATERSHED/ SUBBASIN ID					
				AA	BB-1 OS	BB-1 BR-N	BB-1 BR-S	BB-2	CC
SHEET FLOW									
1.	Surface Description (See Table Below) [1]			5	5	1	1	5	5
2.	Mannings Roughness Coefficient	**n**		0.15	0.15	0.011	0.011	0.15	0.15
3.	Flow Length (Total L≤100FT)	**L**	ft	100	100	100	30	100	100
4.	2-YR 24-HR Rainfall [2]	$\mathbf{P_2}$	in	3.4	3.4	3.4	3.4	3.4	3.4
5.	Land Slope	**s**	ft/ft	0.02	0.00	0.03	0.02	0.04	0.08
6.	Travel Time								
	$Tt = (0.007(\mathbf{nL})^{0.8})/(\mathbf{P_2}^{0.5}*\mathbf{s}^{0.4})$	$\mathbf{T_t}$	hr	**0.17**	**0.43**	**0.02**	**0.01**	**0.12**	**0.09**
SHALLOW CONCENTRATED FLOW									
7.	Surface Description (paved or unpaved)			unpaved	unpaved	paved	paved	unpaved	unpaved
8.	Flow Length	**L**	ft	360	306	220	0	211	70
9.	Watercourse Slope	**s**	ft/ft	0.03	0.01	0.01	0.01	0.03	0.05
10.	Average Velocity [3]	**V**	ft/s	2.80	1.60	0.00	0.00	2.80	3.60
11.	$Tt = \mathbf{L} / 3600\mathbf{V}$	$\mathbf{T_t}$	hr	**0.04**	**0.05**	**15.28**	**0.01**	**0.02**	**0.01**
CHANNEL FLOW									
12.	Cross Sectional Flow Area	**a**	ft^2	0.00	0.00	0.00	0.00	1.23	5.00
13.	Wetted Perimeter	$\mathbf{p_w}$	ft	0.03	0.03	0.03	0.03	3.93	11.00
14.	Hydraulic Radius, $r = a/p_w$	**r**	ft	0.00	0.00	0.00	0.00	0.31	0.45
15.	Channel Slope	**s**	ft/ft	0.01	0.01	0.01	0.01	0.01	0.00
16.	Manning's Roughness Coefficient [4]	**n**		0	0	0	0	0.01	0.03
17.	Velocity = $(1.49r^{2/3}s^{1/2})/n$	**V**	ft/s	0.0	0.0	0.0	0.0	9.3	1.5
18.	Flow Length	**L**	ft	0	0	0	0	428	400
19.	$Tt = \mathbf{L} / 3600\mathbf{V}$	$\mathbf{T_t}$	hr	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.08**
TOTAL WATERSHED Tc		$\mathbf{T_c}$	hr	**0.20**	**0.08**	**0.08**	**0.08**	**0.16**	**0.17**

ROUGHNESS COEFFICIENTS (Manning's n) FOR SHEET FLOW [1]		
1	Smooth (conc, asphalt, gravel, bare soil)	0.011
2	Fallow (no residue)	0.05
3	Cultivated Soils, Residue Cover ≤ 20%	0.06
4	Cultivated Soils, Residue Cover > 20%	0.17
5	Short Grass Prairie	0.15
6	Dense Grass	0.24
7	Bermuda Grass	0.41
8	Range (natural)	0.13
9	Woods (light & dense)	0.4

1 Table 3-1. - Roughness coefficients (Manning's n) for SHEET FLOW, TR-55 Urban Hydrology for Small Watersheds, page 3-3.
2 Westchester County Rainfall, NYSDEC Amendment NY-1, November 7, 1990, page 2-14.5
3 Figure 3-1. - Average velocities for estimating travel time for shallow concentrated flow, TR-55 Urban Hydrology forSmall Watersheds, page 3-2.
4 Roughness coefficients (Manning's n) for CHANNEL FLOW. See Handbook of Hydraulics or equal.

C. POND PACK MODELS


DP 1
Ex A to DP 1
Ex B-2 to DP 1
Ex B-1 to DP 1
EX A
EX B-2
EX B-1
EX C
Ex C to DP 2
DP 2

==========
JOB TITLE
==========

Project Date: 9/12/2018
Project Engineer: malfaro
Project Title: Cortlandt Pitch Existing Conditions
Project Comments:
Existing Conditions

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Table of Contents (continued)

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Table of Contents (continued)

MASTER DESIGN STORM SUMMARY

Network Storm Collection: Cortlandt

Return Event	Total Depth in	Rainfall Type	RNF ID
1	2.7500	Synthetic Curve	TypeIII 24hr
2	3.3700	Synthetic Curve	TypeIII 24hr
10	5.0800	Synthetic Curve	TypeIII 24hr
25	6.4400	Synthetic Curve	TypeIII 24hr
50	7.7000	Synthetic Curve	TypeIII 24hr
100	9.2300	Synthetic Curve	TypeIII 24hr

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
*DP 1	JCT	1	.508		12.2000	4.97		
*DP 1	JCT	2	.771		12.2000	7.81		
*DP 1	JCT	10	1.611		12.1500	17.02		
*DP 1	JCT	25	2.353		12.1500	24.98		
*DP 1	JCT	50	3.073		12.1500	32.58		
*DP 1	JCT	100	3.976		12.1500	41.95		
*DP 2	JCT	1	.641		12.1500	6.75		
*DP 2	JCT	2	.914		12.1500	9.77		
*DP 2	JCT	10	1.742		12.1500	18.72		
*DP 2	JCT	25	2.444		12.1500	26.08		
*DP 2	JCT	50	3.112		12.1500	32.95		
*DP 2	JCT	100	3.939		12.1500	41.29		

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
EX A	AREA	1	.068		12.2000	.65		
EX A	AREA	2	.106		12.1500	1.08		
EX A	AREA	10	.231		12.1500	2.49		
EX A	AREA	25	.344		12.1500	3.73		
EX A	AREA	50	.454		12.1500	4.93		
EX A	AREA	100	.593		12.1500	6.41		
EX B-1	AREA	1	.248		12.2000	2.40		
EX B-1	AREA	2	.374		12.2000	3.77		
EX B-1	AREA	10	.777		12.2000	8.01		
EX B-1	AREA	25	1.131		12.1500	11.72		
EX B-1	AREA	50	1.474		12.1500	15.26		
EX B-1	AREA	100	1.905		12.1500	19.63		
EX B-2	AREA	1	.192		12.1500	1.92		
EX B-2	AREA	2	.290		12.1500	3.04		
EX B-2	AREA	10	.603		12.1500	6.53		
EX B-2	AREA	25	.878		12.1500	9.54		
EX B-2	AREA	50	1.145		12.1500	12.39		
EX B-2	AREA	100	1.479		12.1500	15.90		
EX C	AREA	1	.641		12.1500	6.75		
EX C	AREA	2	.914		12.1500	9.77		
EX C	AREA	10	1.742		12.1500	18.72		
EX C	AREA	25	2.444		12.1500	26.08		
EX C	AREA	50	3.112		12.1500	32.95		
EX C	AREA	100	3.939		12.1500	41.29		

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 2.7500 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID	Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
Outfall DP 1	JCT	.508		12.2000	4.97	
Outfall DP 2	JCT	.641		12.1500	6.75	
EX A	AREA	.068		12.2000	.65	
EX B-1	AREA	.248		12.2000	2.40	
EX B-2	AREA	.192		12.1500	1.92	
EX C	AREA	.641		12.1500	6.75	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 2.7500 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
EX A TO DP 1	ADD	UN	.068		12.2000	.65	EX A
		DL	.068		12.2000	.65	
		DN	.508		12.2000	4.97	DP 1
EX B-1 TO DP 1	ADD	UN	.248		12.2000	2.40	EX B-1
		DL	.248		12.2000	2.40	
		DN	.508		12.2000	4.97	DP 1
EX B-2 TO DP 1	ADD	UN	.192		12.1500	1.92	EX B-2
		DL	.192		12.1500	1.92	
		DN	.508		12.2000	4.97	DP 1
EX C TO DP 2	ADD	UN	.641		12.1500	6.75	EX C
		DL	.641		12.1500	6.75	
		DN	.641		12.1500	6.75	DP 2

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 3.3700 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID	Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
Outfall DP 1	JCT	.771		12.2000	7.81	
Outfall DP 2	JCT	.914		12.1500	9.77	
EX A	AREA	.106		12.1500	1.08	
EX B-1	AREA	.374		12.2000	3.77	
EX B-2	AREA	.290		12.1500	3.04	
EX C	AREA	.914		12.1500	9.77	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 3.3700 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
EX A TO DP 1	ADD	UN	.106		12.1500	1.08	EX A
		DL	.106		12.1500	1.08	
		DN	.771		12.2000	7.81	DP 1
EX B-1 TO DP 1	ADD	UN	.374		12.2000	3.77	EX B-1
		DL	.374		12.2000	3.77	
		DN	.771		12.2000	7.81	DP 1
EX B-2 TO DP 1	ADD	UN	.290		12.1500	3.04	EX B-2
		DL	.290		12.1500	3.04	
		DN	.771		12.2000	7.81	DP 1
EX C TO DP 2	ADD	UN	.914		12.1500	9.77	EX C
		DL	.914		12.1500	9.77	
		DN	.914		12.1500	9.77	DP 2

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 5.0800 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID	Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
Outfall DP 1	JCT	1.611		12.1500	17.02	
Outfall DP 2	JCT	1.742		12.1500	18.72	
EX A	AREA	.231		12.1500	2.49	
EX B-1	AREA	.777		12.2000	8.01	
EX B-2	AREA	.603		12.1500	6.53	
EX C	AREA	1.742		12.1500	18.72	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 5.0800 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
EX A TO DP 1	ADD	UN	.231		12.1500	2.49	EX A
		DL	.231		12.1500	2.49	
		DN	1.611		12.1500	17.02	DP 1
EX B-1 TO DP 1	ADD	UN	.777		12.2000	8.01	EX B-1
		DL	.777		12.2000	8.01	
		DN	1.611		12.1500	17.02	DP 1
EX B-2 TO DP 1	ADD	UN	.603		12.1500	6.53	EX B-2
		DL	.603		12.1500	6.53	
		DN	1.611		12.1500	17.02	DP 1
EX C TO DP 2	ADD	UN	1.742		12.1500	18.72	EX C
		DL	1.742		12.1500	18.72	
		DN	1.742		12.1500	18.72	DP 2

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 6.4400 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID	Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
Outfall DP 1	JCT	2.353		12.1500	24.98	
Outfall DP 2	JCT	2.444		12.1500	26.08	
EX A	AREA	.344		12.1500	3.73	
EX B-1	AREA	1.131		12.1500	11.72	
EX B-2	AREA	.878		12.1500	9.54	
EX C	AREA	2.444		12.1500	26.08	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 6.4400 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
EX A TO DP 1	ADD	UN	.344		12.1500	3.73	EX A
		DL	.344		12.1500	3.73	
		DN	2.353		12.1500	24.98	DP 1
EX B-1 TO DP 1	ADD	UN	1.131		12.1500	11.72	EX B-1
		DL	1.131		12.1500	11.72	
		DN	2.353		12.1500	24.98	DP 1
EX B-2 TO DP 1	ADD	UN	.878		12.1500	9.54	EX B-2
		DL	.878		12.1500	9.54	
		DN	2.353		12.1500	24.98	DP 1
EX C TO DP 2	ADD	UN	2.444		12.1500	26.08	EX C
		DL	2.444		12.1500	26.08	
		DN	2.444		12.1500	26.08	DP 2

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 7.7000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID	Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
Outfall DP 1	JCT	3.073		12.1500	32.58	
Outfall DP 2	JCT	3.112		12.1500	32.95	
EX A	AREA	.454		12.1500	4.93	
EX B-1	AREA	1.474		12.1500	15.26	
EX B-2	AREA	1.145		12.1500	12.39	
EX C	AREA	3.112		12.1500	32.95	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 7.7000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
EX A TO DP 1	ADD	UN	.454		12.1500	4.93	EX A
		DL	.454		12.1500	4.93	
		DN	3.073		12.1500	32.58	DP 1
EX B-1 TO DP 1	ADD	UN	1.474		12.1500	15.26	EX B-1
		DL	1.474		12.1500	15.26	
		DN	3.073		12.1500	32.58	DP 1
EX B-2 TO DP 1	ADD	UN	1.145		12.1500	12.39	EX B-2
		DL	1.145		12.1500	12.39	
		DN	3.073		12.1500	32.58	DP 1
EX C TO DP 2	ADD	UN	3.112		12.1500	32.95	EX C
		DL	3.112		12.1500	32.95	
		DN	3.112		12.1500	32.95	DP 2

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 9.2300 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID	Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
Outfall DP 1	JCT	3.976		12.1500	41.95	
Outfall DP 2	JCT	3.939		12.1500	41.29	
EX A	AREA	.593		12.1500	6.41	
EX B-1	AREA	1.905		12.1500	19.63	
EX B-2	AREA	1.479		12.1500	15.90	
EX C	AREA	3.939		12.1500	41.29	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 9.2300 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
EX A TO DP 1	ADD	UN	.593		12.1500	6.41	EX A
		DL	.593		12.1500	6.41	
		DN	3.976		12.1500	41.95	DP 1
EX B-1 TO DP 1	ADD	UN	1.905		12.1500	19.63	EX B-1
		DL	1.905		12.1500	19.63	
		DN	3.976		12.1500	41.95	DP 1
EX B-2 TO DP 1	ADD	UN	1.479		12.1500	15.90	EX B-2
		DL	1.479		12.1500	15.90	
		DN	3.976		12.1500	41.95	DP 1
EX C TO DP 2	ADD	UN	3.939		12.1500	41.29	EX C
		DL	3.939		12.1500	41.29	
		DN	3.939		12.1500	41.29	DP 2

NETWORK RUNOFF NODE SEQUENCE

Runoff Data	Apply to Node	Receiving Link
SCS UH EX A	Subarea EX A	Add Hyd EX A
SCS UH EX B-2	Subarea EX B-2	Add Hyd EX B-2
SCS UH EX B-1	Subarea EX B-1	Add Hyd EX B-1
SCS UH EX C	Subarea EX C	Add Hyd EX C

NETWORK ROUTING SEQUENCE

Link Operation	UPstream Node	DNstream Node
Add Hyd EX C TO DP 2	Subarea EX C	Jct DP 2
Add Hyd EX A TO DP 1	Subarea EX A	Jct DP 1
Add Hyd EX B-1 TO DP 1	Subarea EX B-1	Jct DP 1
Add Hyd EX B-2 TO DP 1	Subarea EX B-2	Jct DP 1

Title... Project Date: 9/12/2018
Project Engineer: malfaro
Project Title: Cortlandt Pitch Existing Conditions
Project Comments:
Existing Conditions

DESIGN STORMS SUMMARY

Design Storm File,ID = Cortlandt

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 2.7500 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 3.3700 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 5.0800 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 6.4400 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 7.7000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Title... Project Date: 9/12/2018
Project Engineer: malfaro
Project Title: Cortlandt Pitch Existing Conditions
Project Comments:
Existing Conditions

DESIGN STORMS SUMMARY

Design Storm File,ID = Cortlandt

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 9.2300 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

DESIGN STORMS SUMMARY

Design Storm File,ID = Cortlandt

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 2.7500 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 3.3700 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 5.0800 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 6.4400 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 7.7000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

DESIGN STORMS SUMMARY

Design Storm File,ID = Cortlandt

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 9.2300 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0028	.0055	.0083	.0110
.5000	.0138	.0165	.0193	.0220	.0248
1.0000	.0275	.0303	.0330	.0358	.0385
1.5000	.0413	.0440	.0468	.0495	.0523
2.0000	.0550	.0578	.0606	.0634	.0663
2.5000	.0693	.0722	.0753	.0783	.0814
3.0000	.0846	.0878	.0910	.0942	.0975
3.5000	.1009	.1043	.1077	.1112	.1147
4.0000	.1183	.1219	.1255	.1292	.1329
4.5000	.1366	.1404	.1443	.1482	.1521
5.0000	.1561	.1601	.1641	.1682	.1723
5.5000	.1765	.1807	.1850	.1893	.1936
6.0000	.1980	.2025	.2071	.2118	.2167
6.5000	.2217	.2269	.2322	.2376	.2432
7.0000	.2489	.2547	.2607	.2668	.2731
7.5000	.2795	.2860	.2927	.2995	.3064
8.0000	.3135	.3208	.3284	.3364	.3446
8.5000	.3532	.3621	.3713	.3808	.3907
9.0000	.4008	.4113	.4221	.4332	.4446
9.5000	.4563	.4684	.4808	.4934	.5064
10.0000	.5198	.5336	.5480	.5631	.5789
10.5000	.5954	.6125	.6302	.6487	.6678
11.0000	.6875	.7088	.7327	.7591	.7880
11.5000	.8195	.8643	.9334	1.0266	1.1440
12.0000	1.3750	1.6060	1.7234	1.8167	1.8857
12.5000	1.9305	1.9620	1.9909	2.0173	2.0412
13.0000	2.0625	2.0822	2.1013	2.1198	2.1375
13.5000	2.1546	2.1711	2.1869	2.2020	2.2164
14.0000	2.2303	2.2436	2.2566	2.2692	2.2816
14.5000	2.2937	2.3054	2.3168	2.3279	2.3387
15.0000	2.3492	2.3593	2.3692	2.3787	2.3879
15.5000	2.3968	2.4054	2.4136	2.4216	2.4292
16.0000	2.4365	2.4436	2.4505	2.4573	2.4640
16.5000	2.4705	2.4769	2.4832	2.4893	2.4953
17.0000	2.5011	2.5068	2.5124	2.5178	2.5231
17.5000	2.5283	2.5333	2.5382	2.5429	2.5475
18.0000	2.5520	2.5564	2.5607	2.5650	2.5693
18.5000	2.5735	2.5777	2.5818	2.5859	2.5899
19.0000	2.5939	2.5979	2.6018	2.6057	2.6096
19.5000	2.6134	2.6171	2.6208	2.6245	2.6281
20.0000	2.6318	2.6353	2.6388	2.6423	2.6458
20.5000	2.6492	2.6527	2.6560	2.6594	2.6627
21.0000	2.6660	2.6692	2.6724	2.6756	2.6788
21.5000	2.6819	2.6850	2.6880	2.6911	2.6941

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	2.6971	2.7000	2.7029	2.7058	2.7086
22.5000	2.7114	2.7143	2.7170	2.7197	2.7224
23.0000	2.7251	2.7277	2.7303	2.7329	2.7354
23.5000	2.7379	2.7404	2.7429	2.7453	2.7476
24.0000	2.7500				

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0034	.0067	.0101	.0135
.5000	.0169	.0202	.0236	.0270	.0303
1.0000	.0337	.0371	.0404	.0438	.0472
1.5000	.0506	.0539	.0573	.0607	.0640
2.0000	.0674	.0708	.0742	.0777	.0813
2.5000	.0849	.0885	.0922	.0960	.0998
3.0000	.1036	.1075	.1115	.1155	.1195
3.5000	.1236	.1278	.1320	.1362	.1406
4.0000	.1449	.1493	.1538	.1583	.1628
4.5000	.1675	.1721	.1768	.1816	.1864
5.0000	.1912	.1962	.2011	.2061	.2112
5.5000	.2163	.2215	.2267	.2320	.2373
6.0000	.2426	.2481	.2538	.2596	.2656
6.5000	.2717	.2780	.2845	.2912	.2980
7.0000	.3050	.3122	.3195	.3270	.3346
7.5000	.3425	.3505	.3587	.3670	.3755
8.0000	.3842	.3931	.4025	.4122	.4223
8.5000	.4328	.4437	.4550	.4667	.4787
9.0000	.4912	.5040	.5172	.5308	.5448
9.5000	.5592	.5740	.5891	.6047	.6206
10.0000	.6369	.6538	.6716	.6901	.7095
10.5000	.7296	.7506	.7723	.7949	.8183
11.0000	.8425	.8687	.8979	.9303	.9657
11.5000	1.0043	1.0592	1.1438	1.2580	1.4019
12.0000	1.6850	1.9681	2.1120	2.2262	2.3108
12.5000	2.3657	2.4043	2.4397	2.4721	2.5013
13.0000	2.5275	2.5517	2.5751	2.5977	2.6194
13.5000	2.6404	2.6605	2.6799	2.6984	2.7162
14.0000	2.7331	2.7494	2.7653	2.7809	2.7960
14.5000	2.8108	2.8252	2.8392	2.8528	2.8660
15.0000	2.8788	2.8913	2.9033	2.9150	2.9263
15.5000	2.9372	2.9477	2.9578	2.9675	2.9769
16.0000	2.9858	2.9945	3.0030	3.0114	3.0195
16.5000	3.0275	3.0354	3.0430	3.0505	3.0579
17.0000	3.0650	3.0720	3.0788	3.0855	3.0920
17.5000	3.0983	3.1044	3.1104	3.1162	3.1219
18.0000	3.1274	3.1327	3.1380	3.1433	3.1485
18.5000	3.1537	3.1588	3.1639	3.1689	3.1738
19.0000	3.1788	3.1836	3.1884	3.1932	3.1979
19.5000	3.2025	3.2072	3.2117	3.2162	3.2207
20.0000	3.2251	3.2294	3.2338	3.2381	3.2423
20.5000	3.2465	3.2507	3.2548	3.2589	3.2630
21.0000	3.2670	3.2710	3.2749	3.2788	3.2827
21.5000	3.2865	3.2903	3.2941	3.2978	3.3015

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	3.3051	3.3087	3.3123	3.3158	3.3193
22.5000	3.3228	3.3262	3.3296	3.3329	3.3362
23.0000	3.3395	3.3427	3.3459	3.3490	3.3521
23.5000	3.3552	3.3582	3.3612	3.3642	3.3671
24.0000	3.3700				

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0051	.0102	.0152	.0203
.5000	.0254	.0305	.0356	.0406	.0457
1.0000	.0508	.0559	.0610	.0660	.0711
1.5000	.0762	.0813	.0864	.0914	.0965
2.0000	.1016	.1067	.1119	.1172	.1225
2.5000	.1280	.1335	.1390	.1447	.1504
3.0000	.1562	.1621	.1680	.1741	.1802
3.5000	.1864	.1926	.1990	.2054	.2119
4.0000	.2184	.2251	.2318	.2386	.2455
4.5000	.2524	.2594	.2665	.2737	.2810
5.0000	.2883	.2957	.3032	.3107	.3184
5.5000	.3261	.3339	.3417	.3497	.3577
6.0000	.3658	.3740	.3825	.3913	.4003
6.5000	.4096	.4191	.4289	.4389	.4492
7.0000	.4597	.4706	.4816	.4929	.5044
7.5000	.5163	.5283	.5407	.5532	.5661
8.0000	.5791	.5926	.6067	.6214	.6366
8.5000	.6525	.6689	.6859	.7035	.7217
9.0000	.7404	.7598	.7797	.8002	.8213
9.5000	.8430	.8652	.8881	.9115	.9355
10.0000	.9601	.9856	1.0123	1.0403	1.0694
10.5000	1.0998	1.1314	1.1642	1.1983	1.2335
11.0000	1.2700	1.3094	1.3535	1.4023	1.4557
11.5000	1.5138	1.5966	1.7242	1.8964	2.1133
12.0000	2.5400	2.9667	3.1836	3.3558	3.4834
12.5000	3.5662	3.6243	3.6777	3.7265	3.7706
13.0000	3.8100	3.8465	3.8817	3.9158	3.9486
13.5000	3.9802	4.0106	4.0397	4.0677	4.0944
14.0000	4.1199	4.1445	4.1685	4.1919	4.2148
14.5000	4.2370	4.2587	4.2798	4.3003	4.3202
15.0000	4.3396	4.3583	4.3765	4.3941	4.4111
15.5000	4.4275	4.4434	4.4586	4.4733	4.4874
16.0000	4.5009	4.5140	4.5268	4.5394	4.5517
16.5000	4.5638	4.5756	4.5871	4.5984	4.6095
17.0000	4.6203	4.6308	4.6411	4.6511	4.6609
17.5000	4.6705	4.6797	4.6887	4.6975	4.7060
18.0000	4.7142	4.7223	4.7303	4.7383	4.7461
18.5000	4.7539	4.7616	4.7693	4.7768	4.7843
19.0000	4.7917	4.7990	4.8063	4.8135	4.8206
19.5000	4.8276	4.8345	4.8414	4.8482	4.8549
20.0000	4.8616	4.8681	4.8747	4.8811	4.8875
20.5000	4.8939	4.9002	4.9064	4.9126	4.9187
21.0000	4.9248	4.9307	4.9367	4.9426	4.9484
21.5000	4.9542	4.9599	4.9655	4.9712	4.9767

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	4.9822	4.9876	4.9930	4.9983	5.0036
22.5000	5.0088	5.0140	5.0190	5.0241	5.0290
23.0000	5.0340	5.0388	5.0436	5.0484	5.0531
23.5000	5.0577	5.0623	5.0668	5.0713	5.0756
24.0000	5.0800				

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0064	.0129	.0193	.0258
.5000	.0322	.0386	.0451	.0515	.0580
1.0000	.0644	.0708	.0773	.0837	.0902
1.5000	.0966	.1030	.1095	.1159	.1224
2.0000	.1288	.1353	.1419	.1486	.1553
2.5000	.1622	.1692	.1763	.1834	.1907
3.0000	.1980	.2055	.2130	.2207	.2284
3.5000	.2363	.2442	.2523	.2604	.2686
4.0000	.2769	.2854	.2939	.3025	.3112
4.5000	.3200	.3289	.3379	.3470	.3562
5.0000	.3655	.3749	.3843	.3939	.4036
5.5000	.4134	.4232	.4332	.4433	.4534
6.0000	.4637	.4742	.4849	.4961	.5075
6.5000	.5193	.5313	.5437	.5564	.5695
7.0000	.5828	.5965	.6105	.6249	.6395
7.5000	.6545	.6698	.6854	.7013	.7176
8.0000	.7342	.7513	.7691	.7877	.8071
8.5000	.8272	.8480	.8695	.8918	.9149
9.0000	.9386	.9632	.9884	1.0144	1.0412
9.5000	1.0687	1.0969	1.1258	1.1555	1.1860
10.0000	1.2172	1.2495	1.2834	1.3188	1.3557
10.5000	1.3943	1.4343	1.4759	1.5191	1.5638
11.0000	1.6100	1.6600	1.7159	1.7777	1.8454
11.5000	1.9191	2.0241	2.1857	2.4041	2.6790
12.0000	3.2200	3.7610	4.0359	4.2543	4.4159
12.5000	4.5209	4.5946	4.6623	4.7241	4.7800
13.0000	4.8300	4.8762	4.9209	4.9641	5.0057
13.5000	5.0457	5.0843	5.1212	5.1566	5.1905
14.0000	5.2228	5.2540	5.2845	5.3142	5.3431
14.5000	5.3713	5.3988	5.4256	5.4516	5.4768
15.0000	5.5014	5.5251	5.5482	5.5705	5.5920
15.5000	5.6128	5.6329	5.6523	5.6709	5.6887
16.0000	5.7058	5.7225	5.7387	5.7547	5.7702
16.5000	5.7856	5.8005	5.8152	5.8295	5.8435
17.0000	5.8572	5.8706	5.8836	5.8963	5.9087
17.5000	5.9208	5.9325	5.9440	5.9551	5.9659
18.0000	5.9763	5.9866	5.9967	6.0068	6.0168
18.5000	6.0266	6.0364	6.0461	6.0557	6.0651
19.0000	6.0745	6.0838	6.0930	6.1021	6.1111
19.5000	6.1200	6.1288	6.1375	6.1461	6.1546
20.0000	6.1631	6.1714	6.1797	6.1879	6.1960
20.5000	6.2040	6.2120	6.2199	6.2277	6.2355
21.0000	6.2432	6.2508	6.2583	6.2658	6.2732
21.5000	6.2805	6.2878	6.2949	6.3021	6.3091

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	6.3160	6.3229	6.3297	6.3364	6.3431
22.5000	6.3497	6.3563	6.3627	6.3691	6.3754
23.0000	6.3817	6.3878	6.3939	6.3999	6.4059
23.5000	6.4117	6.4175	6.4233	6.4289	6.4345
24.0000	6.4400				

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0077	.0154	.0231	.0308
.5000	.0385	.0462	.0539	.0616	.0693
1.0000	.0770	.0847	.0924	.1001	.1078
1.5000	.1155	.1232	.1309	.1386	.1463
2.0000	.1540	.1618	.1696	.1776	.1857
2.5000	.1940	.2023	.2107	.2193	.2280
3.0000	.2368	.2457	.2547	.2639	.2731
3.5000	.2825	.2920	.3016	.3113	.3212
4.0000	.3311	.3412	.3514	.3617	.3721
4.5000	.3826	.3932	.4040	.4149	.4259
5.0000	.4370	.4482	.4595	.4710	.4826
5.5000	.4943	.5060	.5180	.5300	.5422
6.0000	.5544	.5670	.5798	.5931	.6068
6.5000	.6209	.6353	.6501	.6653	.6809
7.0000	.6968	.7133	.7300	.7471	.7646
7.5000	.7826	.8008	.8195	.8385	.8580
8.0000	.8778	.8983	.9196	.9419	.9650
8.5000	.9890	1.0139	1.0397	1.0663	1.0939
9.0000	1.1223	1.1516	1.1818	1.2129	1.2449
9.5000	1.2777	1.3115	1.3461	1.3816	1.4180
10.0000	1.4553	1.4940	1.5345	1.5768	1.6210
10.5000	1.6671	1.7149	1.7647	1.8163	1.8697
11.0000	1.9250	1.9848	2.0516	2.1255	2.2065
11.5000	2.2946	2.4201	2.6134	2.8744	3.2032
12.0000	3.8500	4.4968	4.8256	5.0866	5.2799
12.5000	5.4054	5.4935	5.5745	5.6484	5.7152
13.0000	5.7750	5.8303	5.8837	5.9353	5.9851
13.5000	6.0330	6.0790	6.1232	6.1655	6.2060
14.0000	6.2447	6.2820	6.3184	6.3539	6.3885
14.5000	6.4223	6.4551	6.4871	6.5182	6.5484
15.0000	6.5777	6.6061	6.6337	6.6603	6.6861
15.5000	6.7110	6.7350	6.7581	6.7804	6.8017
16.0000	6.8222	6.8421	6.8615	6.8806	6.8992
16.5000	6.9175	6.9354	6.9529	6.9700	6.9868
17.0000	7.0032	7.0192	7.0347	7.0500	7.0648
17.5000	7.0792	7.0932	7.1069	7.1202	7.1331
18.0000	7.1456	7.1578	7.1700	7.1820	7.1940
18.5000	7.2057	7.2174	7.2290	7.2405	7.2518
19.0000	7.2630	7.2741	7.2851	7.2960	7.3068
19.5000	7.3174	7.3279	7.3383	7.3486	7.3588
20.0000	7.3689	7.3788	7.3888	7.3985	7.4082
20.5000	7.4179	7.4274	7.4368	7.4462	7.4554
21.0000	7.4647	7.4738	7.4828	7.4917	7.5006
21.5000	7.5093	7.5180	7.5265	7.5351	7.5435

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	7.5518	7.5600	7.5682	7.5762	7.5842
22.5000	7.5920	7.5999	7.6076	7.6152	7.6228
23.0000	7.6302	7.6376	7.6449	7.6520	7.6592
23.5000	7.6662	7.6731	7.6800	7.6868	7.6934
24.0000	7.7000				

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0092	.0185	.0277	.0369
.5000	.0462	.0554	.0646	.0738	.0831
1.0000	.0923	.1015	.1108	.1200	.1292
1.5000	.1385	.1477	.1569	.1661	.1754
2.0000	.1846	.1939	.2033	.2129	.2226
2.5000	.2325	.2425	.2526	.2629	.2733
3.0000	.2838	.2945	.3053	.3163	.3274
3.5000	.3386	.3500	.3615	.3732	.3850
4.0000	.3969	.4090	.4212	.4335	.4460
4.5000	.4586	.4714	.4843	.4973	.5105
5.0000	.5238	.5373	.5508	.5646	.5784
5.5000	.5925	.6066	.6209	.6353	.6499
6.0000	.6646	.6796	.6950	.7110	.7273
6.5000	.7442	.7615	.7793	.7975	.8162
7.0000	.8353	.8550	.8750	.8956	.9165
7.5000	.9380	.9599	.9823	1.0051	1.0285
8.0000	1.0522	1.0768	1.1023	1.1290	1.1567
8.5000	1.1855	1.2153	1.2462	1.2782	1.3112
9.0000	1.3453	1.3804	1.4166	1.4539	1.4922
9.5000	1.5316	1.5721	1.6136	1.6561	1.6998
10.0000	1.7445	1.7908	1.8394	1.8901	1.9431
10.5000	1.9983	2.0557	2.1153	2.1772	2.2412
11.0000	2.3075	2.3791	2.4592	2.5478	2.6449
11.5000	2.7505	2.9010	3.1327	3.4456	3.8397
12.0000	4.6150	5.3903	5.7844	6.0973	6.3290
12.5000	6.4795	6.5851	6.6822	6.7708	6.8509
13.0000	6.9225	6.9888	7.0528	7.1147	7.1743
13.5000	7.2317	7.2869	7.3399	7.3906	7.4392
14.0000	7.4855	7.5302	7.5739	7.6164	7.6579
14.5000	7.6984	7.7378	7.7761	7.8134	7.8496
15.0000	7.8847	7.9188	7.9518	7.9838	8.0147
15.5000	8.0445	8.0733	8.1010	8.1277	8.1532
16.0000	8.1778	8.2016	8.2249	8.2477	8.2701
16.5000	8.2920	8.3135	8.3345	8.3550	8.3751
17.0000	8.3947	8.4139	8.4325	8.4508	8.4685
17.5000	8.4859	8.5027	8.5191	8.5350	8.5505
18.0000	8.5654	8.5801	8.5947	8.6091	8.6234
18.5000	8.6375	8.6516	8.6654	8.6792	8.6927
19.0000	8.7062	8.7195	8.7327	8.7457	8.7586
19.5000	8.7714	8.7840	8.7965	8.8088	8.8210
20.0000	8.8331	8.8450	8.8569	8.8686	8.8803
20.5000	8.8918	8.9033	8.9145	8.9258	8.9369
21.0000	8.9479	8.9588	8.9696	8.9803	8.9909
21.5000	9.0014	9.0118	9.0220	9.0323	9.0424

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	9.0523	9.0622	9.0720	9.0816	9.0912
22.5000	9.1006	9.1100	9.1192	9.1284	9.1374
23.0000	9.1464	9.1551	9.1639	9.1725	9.1811
23.5000	9.1895	9.1978	9.2060	9.2141	9.2221
24.0000	9.2300				

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 2.7500 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX A 1
Tc = .2000 hrs
Drainage Area = 1.229 acres Runoff CN= 72
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .068 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
11.4500	.00	.00	.00	.01	.01
11.7000	.02	.04	.06	.08	.12
11.9500	.17	.27	.41	.54	.64
12.2000	.65	.60	.53	.48	.43
12.4500	.39	.34	.29	.24	.21
12.7000	.18	.17	.16	.15	.14
12.9500	.13	.13	.12	.12	.11
13.2000	.11	.11	.11	.10	.10
13.4500	.10	.10	.10	.10	.09
13.7000	.09	.09	.09	.09	.09
13.9500	.09	.08	.08	.08	.08
14.2000	.08	.08	.08	.08	.08
14.4500	.07	.07	.07	.07	.07
14.7000	.07	.07	.07	.07	.07
14.9500	.07	.07	.06	.06	.06
15.2000	.06	.06	.06	.06	.06
15.4500	.06	.06	.06	.06	.05
15.7000	.05	.05	.05	.05	.05
15.9500	.05	.05	.05	.05	.05
16.2000	.05	.04	.04	.04	.04
16.4500	.04	.04	.04	.04	.04
16.7000	.04	.04	.04	.04	.04
16.9500	.04	.04	.04	.04	.04
17.2000	.04	.04	.04	.04	.04
17.4500	.03	.03	.03	.03	.03
17.7000	.03	.03	.03	.03	.03
17.9500	.03	.03	.03	.03	.03
18.2000	.03	.03	.03	.03	.03
18.4500	.03	.03	.03	.03	.03
18.7000	.03	.03	.03	.03	.03

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.9500	.03	.03	.03	.03	.03
19.2000	.03	.03	.03	.03	.03
19.4500	.03	.03	.03	.03	.03
19.7000	.03	.03	.02	.02	.02
19.9500	.02	.02	.02	.02	.02
20.2000	.02	.02	.02	.02	.02
20.4500	.02	.02	.02	.02	.02
20.7000	.02	.02	.02	.02	.02
20.9500	.02	.02	.02	.02	.02
21.2000	.02	.02	.02	.02	.02
21.4500	.02	.02	.02	.02	.02
21.7000	.02	.02	.02	.02	.02
21.9500	.02	.02	.02	.02	.02
22.2000	.02	.02	.02	.02	.02
22.4500	.02	.02	.02	.02	.02
22.7000	.02	.02	.02	.02	.02
22.9500	.02	.02	.02	.02	.02
23.2000	.02	.02	.02	.02	.02
23.4500	.02	.02	.02	.02	.02
23.7000	.02	.02	.02	.02	.02
23.9500	.02	.02	.02	.01	.01
24.2000	.00	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 3.3700 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX A 2
Tc = .2000 hrs
Drainage Area = 1.229 acres Runoff CN= 72
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .106 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
10.8500	.00	.00	.00	.00	.01
11.1000	.01	.01	.01	.02	.02
11.3500	.02	.03	.03	.04	.04
11.6000	.05	.07	.09	.12	.16
11.8500	.21	.27	.36	.53	.74
12.1000	.95	1.08	1.07	.97	.85
12.3500	.76	.67	.60	.51	.44
12.6000	.37	.31	.27	.25	.23
12.8500	.22	.21	.20	.19	.18
13.1000	.17	.17	.16	.16	.15
13.3500	.15	.15	.15	.15	.14
13.6000	.14	.14	.14	.13	.13
13.8500	.13	.13	.12	.12	.12
14.1000	.12	.12	.11	.11	.11
14.3500	.11	.11	.11	.11	.11
14.6000	.10	.10	.10	.10	.10
14.8500	.10	.10	.10	.09	.09
15.1000	.09	.09	.09	.09	.09
15.3500	.09	.08	.08	.08	.08
15.6000	.08	.08	.08	.08	.07
15.8500	.07	.07	.07	.07	.07
16.1000	.07	.07	.06	.06	.06
16.3500	.06	.06	.06	.06	.06
16.6000	.06	.06	.06	.06	.06
16.8500	.06	.06	.06	.05	.05
17.1000	.05	.05	.05	.05	.05
17.3500	.05	.05	.05	.05	.05
17.6000	.05	.05	.05	.05	.05
17.8500	.04	.04	.04	.04	.04
18.1000	.04	.04	.04	.04	.04

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.3500	.04	.04	.04	.04	.04
18.6000	.04	.04	.04	.04	.04
18.8500	.04	.04	.04	.04	.04
19.1000	.04	.04	.04	.04	.04
19.3500	.04	.04	.04	.04	.04
19.6000	.04	.04	.04	.04	.04
19.8500	.03	.03	.03	.03	.03
20.1000	.03	.03	.03	.03	.03
20.3500	.03	.03	.03	.03	.03
20.6000	.03	.03	.03	.03	.03
20.8500	.03	.03	.03	.03	.03
21.1000	.03	.03	.03	.03	.03
21.3500	.03	.03	.03	.03	.03
21.6000	.03	.03	.03	.03	.03
21.8500	.03	.03	.03	.03	.03
22.1000	.03	.03	.03	.03	.03
22.3500	.03	.03	.03	.03	.03
22.6000	.03	.03	.03	.03	.03
22.8500	.03	.03	.03	.03	.03
23.1000	.03	.03	.03	.03	.03
23.3500	.03	.02	.02	.02	.02
23.6000	.02	.02	.02	.02	.02
23.8500	.02	.02	.02	.02	.02
24.1000	.02	.01	.01	.00	.00
24.3500	.00				

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.0800 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX A 10
Tc = .2000 hrs
Drainage Area = 1.229 acres Runoff CN= 72
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .231 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
9.3500	.00	.00	.00	.00	.01
9.6000	.01	.01	.01	.01	.01
9.8500	.02	.02	.02	.02	.02
10.1000	.02	.03	.03	.03	.03
10.3500	.04	.04	.04	.05	.05
10.6000	.05	.06	.06	.06	.07
10.8500	.07	.08	.08	.08	.09
11.1000	.09	.10	.11	.12	.13
11.3500	.14	.15	.16	.18	.19
11.6000	.22	.27	.34	.43	.54
11.8500	.66	.80	1.01	1.39	1.86
12.1000	2.27	2.49	2.40	2.13	1.83
12.3500	1.61	1.41	1.24	1.06	.89
12.6000	.75	.63	.55	.50	.47
12.8500	.44	.42	.39	.37	.36
13.1000	.34	.33	.32	.31	.30
13.3500	.30	.29	.29	.28	.28
13.6000	.27	.27	.26	.26	.25
13.8500	.25	.25	.24	.24	.23
14.1000	.23	.22	.22	.22	.21
14.3500	.21	.21	.21	.20	.20
14.6000	.20	.20	.19	.19	.19
14.8500	.19	.18	.18	.18	.18
15.1000	.17	.17	.17	.17	.16
15.3500	.16	.16	.16	.15	.15
15.6000	.15	.15	.14	.14	.14
15.8500	.14	.13	.13	.13	.13
16.1000	.12	.12	.12	.12	.12
16.3500	.12	.12	.11	.11	.11
16.6000	.11	.11	.11	.11	.11

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
16.8500	.11	.10	.10	.10	.10
17.1000	.10	.10	.10	.10	.10
17.3500	.09	.09	.09	.09	.09
17.6000	.09	.09	.09	.09	.08
17.8500	.08	.08	.08	.08	.08
18.1000	.08	.08	.08	.08	.08
18.3500	.07	.07	.07	.07	.07
18.6000	.07	.07	.07	.07	.07
18.8500	.07	.07	.07	.07	.07
19.1000	.07	.07	.07	.07	.07
19.3500	.07	.07	.07	.07	.07
19.6000	.07	.07	.07	.07	.06
19.8500	.06	.06	.06	.06	.06
20.1000	.06	.06	.06	.06	.06
20.3500	.06	.06	.06	.06	.06
20.6000	.06	.06	.06	.06	.06
20.8500	.06	.06	.06	.06	.06
21.1000	.06	.06	.06	.06	.06
21.3500	.06	.06	.06	.06	.06
21.6000	.05	.05	.05	.05	.05
21.8500	.05	.05	.05	.05	.05
22.1000	.05	.05	.05	.05	.05
22.3500	.05	.05	.05	.05	.05
22.6000	.05	.05	.05	.05	.05
22.8500	.05	.05	.05	.05	.05
23.1000	.05	.05	.05	.05	.05
23.3500	.05	.05	.05	.05	.04
23.6000	.04	.04	.04	.04	.04
23.8500	.04	.04	.04	.04	.04
24.1000	.03	.02	.01	.01	.00
24.3500	.00	.00			

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.4400 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX A 25
Tc = .2000 hrs
Drainage Area = 1.229 acres Runoff CN= 72
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .344 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.4000	.00	.00	.00	.00	.00
8.6500	.01	.01	.01	.01	.01
8.9000	.01	.02	.02	.02	.02
9.1500	.02	.03	.03	.03	.03
9.4000	.03	.04	.04	.04	.04
9.6500	.05	.05	.05	.05	.06
9.9000	.06	.06	.07	.07	.07
10.1500	.08	.08	.08	.09	.09
10.4000	.10	.10	.11	.11	.12
10.6500	.12	.13	.13	.14	.15
10.9000	.15	.16	.17	.17	.18
11.1500	.19	.21	.22	.24	.25
11.4000	.27	.29	.31	.34	.39
11.6500	.47	.58	.72	.90	1.09
11.9000	1.30	1.62	2.18	2.87	3.45
12.1500	3.73	3.57	3.13	2.68	2.34
12.4000	2.04	1.78	1.52	1.28	1.06
12.6500	.90	.79	.71	.66	.62
12.9000	.59	.56	.53	.50	.48
13.1500	.46	.45	.44	.43	.42
13.4000	.41	.40	.40	.39	.38
13.6500	.38	.37	.36	.36	.35
13.9000	.34	.34	.33	.32	.32
14.1500	.31	.30	.30	.30	.29
14.4000	.29	.29	.28	.28	.28
14.6500	.27	.27	.27	.26	.26
14.9000	.26	.25	.25	.25	.24
15.1500	.24	.24	.23	.23	.22
15.4000	.22	.22	.21	.21	.21
15.6500	.20	.20	.20	.19	.19

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
15.9000	.19	.18	.18	.18	.17
16.1500	.17	.17	.16	.16	.16
16.4000	.16	.16	.16	.16	.15
16.6500	.15	.15	.15	.15	.15
16.9000	.14	.14	.14	.14	.14
17.1500	.14	.13	.13	.13	.13
17.4000	.13	.13	.13	.12	.12
17.6500	.12	.12	.12	.12	.11
17.9000	.11	.11	.11	.11	.11
18.1500	.11	.10	.10	.10	.10
18.4000	.10	.10	.10	.10	.10
18.6500	.10	.10	.10	.10	.10
18.9000	.10	.10	.10	.10	.10
19.1500	.10	.09	.09	.09	.09
19.4000	.09	.09	.09	.09	.09
19.6500	.09	.09	.09	.09	.09
19.9000	.09	.09	.09	.09	.09
20.1500	.09	.09	.09	.08	.08
20.4000	.08	.08	.08	.08	.08
20.6500	.08	.08	.08	.08	.08
20.9000	.08	.08	.08	.08	.08
21.1500	.08	.08	.08	.08	.08
21.4000	.08	.08	.08	.08	.08
21.6500	.07	.07	.07	.07	.07
21.9000	.07	.07	.07	.07	.07
22.1500	.07	.07	.07	.07	.07
22.4000	.07	.07	.07	.07	.07
22.6500	.07	.07	.07	.07	.07
22.9000	.07	.07	.07	.06	.06
23.1500	.06	.06	.06	.06	.06
23.4000	.06	.06	.06	.06	.06
23.6500	.06	.06	.06	.06	.06
23.9000	.06	.06	.06	.05	.04
24.1500	.03	.01	.01	.00	.00
24.4000	.00	.00			

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration = 24.0000 hrs Rain Depth = 7.7000 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX A 50
Tc = .2000 hrs
Drainage Area = 1.229 acres Runoff CN= 72
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .454 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
7.6500	.00	.00	.00	.00	.00
7.9000	.01	.01	.01	.01	.01
8.1500	.01	.01	.02	.02	.02
8.4000	.02	.02	.02	.03	.03
8.6500	.03	.03	.03	.04	.04
8.9000	.04	.04	.05	.05	.05
9.1500	.06	.06	.06	.06	.07
9.4000	.07	.07	.08	.08	.08
9.6500	.09	.09	.10	.10	.10
9.9000	.11	.11	.12	.12	.12
10.1500	.13	.13	.14	.15	.15
10.4000	.16	.17	.17	.18	.19
10.6500	.20	.20	.21	.22	.23
10.9000	.24	.24	.25	.26	.27
11.1500	.29	.31	.33	.35	.38
11.4000	.40	.43	.46	.49	.56
11.6500	.67	.83	1.02	1.26	1.51
11.9000	1.80	2.21	2.96	3.86	4.60
12.1500	4.93	4.68	4.09	3.49	3.03
12.4000	2.64	2.29	1.95	1.64	1.36
12.6500	1.15	1.00	.91	.84	.79
12.9000	.75	.71	.67	.64	.61
13.1500	.59	.57	.55	.54	.53
13.4000	.52	.51	.50	.50	.49
13.6500	.48	.47	.46	.45	.44
13.9000	.43	.42	.42	.41	.40
14.1500	.39	.39	.38	.38	.37
14.4000	.37	.36	.36	.35	.35
14.6500	.34	.34	.34	.33	.33
14.9000	.32	.32	.31	.31	.31

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
15.1500	.30	.30	.29	.29	.28
15.4000	.28	.27	.27	.27	.26
15.6500	.26	.25	.25	.24	.24
15.9000	.23	.23	.22	.22	.22
16.1500	.21	.21	.21	.20	.20
16.4000	.20	.20	.20	.19	.19
16.6500	.19	.19	.19	.18	.18
16.9000	.18	.18	.18	.18	.17
17.1500	.17	.17	.17	.17	.16
17.4000	.16	.16	.16	.16	.15
17.6500	.15	.15	.15	.15	.14
17.9000	.14	.14	.14	.14	.13
18.1500	.13	.13	.13	.13	.13
18.4000	.13	.13	.13	.13	.13
18.6500	.12	.12	.12	.12	.12
18.9000	.12	.12	.12	.12	.12
19.1500	.12	.12	.12	.12	.12
19.4000	.12	.12	.11	.11	.11
19.6500	.11	.11	.11	.11	.11
19.9000	.11	.11	.11	.11	.11
20.1500	.11	.11	.11	.11	.11
20.4000	.10	.10	.10	.10	.10
20.6500	.10	.10	.10	.10	.10
20.9000	.10	.10	.10	.10	.10
21.1500	.10	.10	.10	.10	.10
21.4000	.10	.10	.09	.09	.09
21.6500	.09	.09	.09	.09	.09
21.9000	.09	.09	.09	.09	.09
22.1500	.09	.09	.09	.09	.09
22.4000	.09	.09	.09	.09	.08
22.6500	.08	.08	.08	.08	.08
22.9000	.08	.08	.08	.08	.08
23.1500	.08	.08	.08	.08	.08
23.4000	.08	.08	.08	.08	.08
23.6500	.08	.07	.07	.07	.07
23.9000	.07	.07	.07	.07	.05
24.1500	.03	.02	.01	.01	.00
24.4000	.00	.00			

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 9.2300 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX A 100
Tc = .2000 hrs
Drainage Area = 1.229 acres Runoff CN= 72
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .593 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
6.8500	.00	.00	.00	.00	.00
7.1000	.01	.01	.01	.01	.01
7.3500	.01	.01	.01	.02	.02
7.6000	.02	.02	.02	.02	.03
7.8500	.03	.03	.03	.03	.03
8.1000	.04	.04	.04	.04	.05
8.3500	.05	.05	.05	.06	.06
8.6000	.06	.07	.07	.07	.08
8.8500	.08	.08	.09	.09	.09
9.1000	.10	.10	.11	.11	.11
9.3500	.12	.12	.13	.13	.14
9.6000	.14	.15	.15	.16	.16
9.8500	.17	.17	.18	.18	.19
10.1000	.20	.20	.21	.22	.23
10.3500	.23	.24	.25	.26	.27
10.6000	.28	.29	.30	.31	.32
10.8500	.33	.35	.36	.37	.38
11.1000	.40	.42	.44	.47	.50
11.3500	.53	.57	.60	.64	.69
11.6000	.79	.93	1.14	1.41	1.72
11.8500	2.05	2.43	2.97	3.93	5.09
12.1000	6.02	6.41	6.06	5.28	4.48
12.3500	3.88	3.37	2.92	2.48	2.08
12.6000	1.73	1.46	1.27	1.15	1.06
12.8500	1.00	.95	.90	.85	.81
13.1000	.77	.74	.72	.70	.68
13.3500	.67	.66	.65	.63	.62
13.6000	.61	.60	.59	.58	.57
13.8500	.56	.54	.53	.52	.51
14.1000	.50	.49	.48	.48	.47

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
14.3500	.46	.46	.45	.45	.44
14.6000	.44	.43	.43	.42	.42
14.8500	.41	.40	.40	.39	.39
15.1000	.38	.38	.37	.37	.36
15.3500	.35	.35	.34	.34	.33
15.6000	.33	.32	.31	.31	.30
15.8500	.30	.29	.29	.28	.27
16.1000	.27	.27	.26	.26	.26
16.3500	.25	.25	.25	.25	.24
16.6000	.24	.24	.24	.23	.23
16.8500	.23	.23	.22	.22	.22
17.1000	.22	.21	.21	.21	.21
17.3500	.20	.20	.20	.20	.19
17.6000	.19	.19	.19	.18	.18
17.8500	.18	.18	.17	.17	.17
18.1000	.17	.16	.16	.16	.16
18.3500	.16	.16	.16	.16	.16
18.6000	.16	.16	.15	.15	.15
18.8500	.15	.15	.15	.15	.15
19.1000	.15	.15	.15	.15	.15
19.3500	.15	.14	.14	.14	.14
19.6000	.14	.14	.14	.14	.14
19.8500	.14	.14	.14	.14	.13
20.1000	.13	.13	.13	.13	.13
20.3500	.13	.13	.13	.13	.13
20.6000	.13	.13	.13	.13	.13
20.8500	.13	.12	.12	.12	.12
21.1000	.12	.12	.12	.12	.12
21.3500	.12	.12	.12	.12	.12
21.6000	.12	.12	.12	.11	.11
21.8500	.11	.11	.11	.11	.11
22.1000	.11	.11	.11	.11	.11
22.3500	.11	.11	.11	.11	.11
22.6000	.11	.11	.10	.10	.10
22.8500	.10	.10	.10	.10	.10
23.1000	.10	.10	.10	.10	.10
23.3500	.10	.10	.10	.10	.09
23.6000	.09	.09	.09	.09	.09
23.8500	.09	.09	.09	.09	.08
24.1000	.07	.04	.02	.01	.01
24.3500	.00	.00	.00		

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 2.7500 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-1 1
Tc = .2300 hrs
Drainage Area = 3.708 acres Runoff CN= 75
Calc.Increment= .03067 hrs Out.Incr.= .0500 hrs
HYG Volume = .248 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
11.0000	.00	.00	.00	.01	.01
11.2500	.02	.03	.03	.04	.05
11.5000	.06	.07	.09	.12	.16
11.7500	.22	.30	.41	.53	.72
12.0000	1.04	1.48	1.95	2.30	2.40
12.2500	2.28	2.06	1.85	1.66	1.48
12.5000	1.29	1.11	.95	.81	.70
12.7500	.63	.58	.54	.51	.48
13.0000	.46	.44	.42	.40	.39
13.2500	.38	.37	.36	.36	.35
13.5000	.35	.34	.34	.33	.33
13.7500	.32	.31	.31	.30	.30
14.0000	.29	.29	.28	.28	.27
14.2500	.27	.27	.26	.26	.26
14.5000	.25	.25	.25	.25	.24
14.7500	.24	.24	.23	.23	.23
15.0000	.23	.22	.22	.22	.21
15.2500	.21	.21	.21	.20	.20
15.5000	.20	.19	.19	.19	.18
15.7500	.18	.18	.17	.17	.17
16.0000	.16	.16	.16	.16	.15
16.2500	.15	.15	.15	.15	.15
16.5000	.14	.14	.14	.14	.14
16.7500	.14	.14	.14	.13	.13
17.0000	.13	.13	.13	.13	.13
17.2500	.12	.12	.12	.12	.12
17.5000	.12	.12	.11	.11	.11
17.7500	.11	.11	.11	.11	.10
18.0000	.10	.10	.10	.10	.10
18.2500	.10	.10	.10	.10	.10

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.5000	.09	.09	.09	.09	.09
18.7500	.09	.09	.09	.09	.09
19.0000	.09	.09	.09	.09	.09
19.2500	.09	.09	.09	.09	.09
19.5000	.09	.09	.09	.09	.08
19.7500	.08	.08	.08	.08	.08
20.0000	.08	.08	.08	.08	.08
20.2500	.08	.08	.08	.08	.08
20.5000	.08	.08	.08	.08	.08
20.7500	.08	.08	.08	.08	.08
21.0000	.08	.08	.08	.07	.07
21.2500	.07	.07	.07	.07	.07
21.5000	.07	.07	.07	.07	.07
21.7500	.07	.07	.07	.07	.07
22.0000	.07	.07	.07	.07	.07
22.2500	.07	.07	.07	.07	.07
22.5000	.07	.07	.07	.06	.06
22.7500	.06	.06	.06	.06	.06
23.0000	.06	.06	.06	.06	.06
23.2500	.06	.06	.06	.06	.06
23.5000	.06	.06	.06	.06	.06
23.7500	.06	.06	.06	.06	.06
24.0000	.06	.05	.04	.03	.02
24.2500	.01	.01	.00	.00	.00
24.5000	.00				

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 3.3700 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-1 2
Tc = .2300 hrs
Drainage Area = 3.708 acres Runoff CN= 75
Calc.Increment= .03067 hrs Out.Incr.= .0500 hrs
HYG Volume = .374 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
10.2500	.00	.00	.00	.01	.01
10.5000	.01	.02	.02	.03	.03
10.7500	.04	.04	.05	.05	.06
11.0000	.07	.07	.08	.09	.10
11.2500	.11	.12	.14	.15	.17
11.5000	.19	.21	.25	.30	.39
11.7500	.50	.64	.81	1.01	1.31
12.0000	1.82	2.50	3.19	3.68	3.77
12.2500	3.52	3.14	2.79	2.48	2.19
12.5000	1.91	1.63	1.38	1.18	1.02
12.7500	.91	.84	.78	.74	.70
13.0000	.66	.63	.60	.57	.56
13.2500	.54	.53	.52	.51	.50
13.5000	.49	.49	.48	.47	.46
13.7500	.45	.45	.44	.43	.42
14.0000	.41	.40	.40	.39	.38
14.2500	.38	.37	.37	.37	.36
14.5000	.36	.35	.35	.35	.34
14.7500	.34	.33	.33	.33	.32
15.0000	.32	.31	.31	.30	.30
15.2500	.30	.29	.29	.28	.28
15.5000	.27	.27	.27	.26	.26
15.7500	.25	.25	.24	.24	.23
16.0000	.23	.23	.22	.22	.22
16.2500	.21	.21	.21	.21	.20
16.5000	.20	.20	.20	.20	.19
16.7500	.19	.19	.19	.19	.18
17.0000	.18	.18	.18	.18	.17
17.2500	.17	.17	.17	.17	.16
17.5000	.16	.16	.16	.16	.15

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
17.7500	.15	.15	.15	.15	.14
18.0000	.14	.14	.14	.14	.14
18.2500	.13	.13	.13	.13	.13
18.5000	.13	.13	.13	.13	.13
18.7500	.13	.13	.13	.13	.13
19.0000	.13	.12	.12	.12	.12
19.2500	.12	.12	.12	.12	.12
19.5000	.12	.12	.12	.12	.12
19.7500	.12	.12	.12	.11	.11
20.0000	.11	.11	.11	.11	.11
20.2500	.11	.11	.11	.11	.11
20.5000	.11	.11	.11	.11	.11
20.7500	.11	.11	.11	.10	.10
21.0000	.10	.10	.10	.10	.10
21.2500	.10	.10	.10	.10	.10
21.5000	.10	.10	.10	.10	.10
21.7500	.10	.10	.10	.10	.10
22.0000	.09	.09	.09	.09	.09
22.2500	.09	.09	.09	.09	.09
22.5000	.09	.09	.09	.09	.09
22.7500	.09	.09	.09	.09	.09
23.0000	.09	.09	.08	.08	.08
23.2500	.08	.08	.08	.08	.08
23.5000	.08	.08	.08	.08	.08
23.7500	.08	.08	.08	.08	.08
24.0000	.08	.07	.06	.04	.03
24.2500	.02	.01	.01	.00	.00
24.5000	.00				

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.0800 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-1 10
Tc = .2300 hrs
Drainage Area = 3.708 acres Runoff CN= 75
Calc.Increment= .03067 hrs Out.Incr.= .0500 hrs
HYG Volume = .777 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
8.7000	.00	.00	.00	.01	.01
8.9500	.01	.02	.02	.02	.03
9.2000	.03	.04	.04	.05	.05
9.4500	.06	.06	.07	.07	.08
9.7000	.08	.09	.09	.10	.11
9.9500	.11	.12	.13	.13	.14
10.2000	.15	.16	.17	.18	.19
10.4500	.20	.21	.22	.23	.24
10.7000	.26	.27	.28	.30	.31
10.9500	.32	.34	.35	.37	.39
11.2000	.42	.45	.49	.52	.56
11.4500	.60	.65	.71	.80	.95
11.7000	1.17	1.45	1.80	2.20	2.65
11.9500	3.29	4.37	5.79	7.13	8.00
12.2000	8.01	7.35	6.46	5.66	4.98
12.4500	4.35	3.75	3.19	2.69	2.28
12.7000	1.97	1.75	1.60	1.49	1.40
12.9500	1.32	1.25	1.19	1.13	1.08
13.2000	1.05	1.02	1.00	.98	.96
13.4500	.94	.92	.91	.89	.88
13.7000	.86	.85	.83	.81	.80
13.9500	.78	.77	.75	.73	.72
14.2000	.71	.70	.69	.68	.67
14.4500	.67	.66	.65	.64	.64
14.7000	.63	.62	.61	.60	.60
14.9500	.59	.58	.57	.56	.56
15.2000	.55	.54	.53	.52	.52
15.4500	.51	.50	.49	.48	.48
15.7000	.47	.46	.45	.44	.43
15.9500	.43	.42	.41	.40	.40

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
16.2000	.39	.38	.38	.38	.37
16.4500	.37	.36	.36	.36	.35
16.7000	.35	.35	.34	.34	.34
16.9500	.33	.33	.32	.32	.32
17.2000	.31	.31	.31	.30	.30
17.4500	.30	.29	.29	.28	.28
17.7000	.28	.27	.27	.27	.26
17.9500	.26	.26	.25	.25	.25
18.2000	.24	.24	.24	.24	.24
18.4500	.24	.24	.23	.23	.23
18.7000	.23	.23	.23	.23	.23
18.9500	.23	.22	.22	.22	.22
19.2000	.22	.22	.22	.22	.22
19.4500	.21	.21	.21	.21	.21
19.7000	.21	.21	.21	.21	.20
19.9500	.20	.20	.20	.20	.20
20.2000	.20	.20	.20	.20	.20
20.4500	.19	.19	.19	.19	.19
20.7000	.19	.19	.19	.19	.19
20.9500	.19	.19	.18	.18	.18
21.2000	.18	.18	.18	.18	.18
21.4500	.18	.18	.18	.17	.17
21.7000	.17	.17	.17	.17	.17
21.9500	.17	.17	.17	.17	.17
22.2000	.17	.16	.16	.16	.16
22.4500	.16	.16	.16	.16	.16
22.7000	.16	.16	.16	.15	.15
22.9500	.15	.15	.15	.15	.15
23.2000	.15	.15	.15	.15	.14
23.4500	.14	.14	.14	.14	.14
23.7000	.14	.14	.14	.14	.14
23.9500	.14	.13	.13	.11	.08
24.2000	.05	.03	.02	.01	.01
24.4500	.00	.00	.00		

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.4400 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-1 25
Tc = .2300 hrs
Drainage Area = 3.708 acres Runoff CN= 75
Calc.Increment= .03067 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.131 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
7.7000	.00	.00	.00	.01	.01
7.9500	.01	.01	.02	.02	.02
8.2000	.03	.03	.03	.04	.04
8.4500	.05	.05	.06	.06	.07
8.7000	.07	.08	.08	.09	.09
8.9500	.10	.11	.11	.12	.13
9.2000	.13	.14	.15	.16	.16
9.4500	.17	.18	.19	.20	.21
9.7000	.22	.22	.23	.24	.25
9.9500	.26	.27	.28	.29	.31
10.2000	.32	.33	.35	.36	.38
10.4500	.40	.41	.43	.45	.47
10.7000	.49	.51	.53	.55	.57
10.9500	.59	.61	.63	.66	.69
11.2000	.73	.78	.84	.90	.96
11.4500	1.02	1.09	1.18	1.32	1.55
11.7000	1.90	2.33	2.87	3.47	4.13
11.9500	5.08	6.64	8.68	10.56	11.72
12.2000	11.63	10.60	9.26	8.07	7.06
12.4500	6.15	5.29	4.49	3.77	3.19
12.7000	2.75	2.44	2.23	2.07	1.95
12.9500	1.84	1.74	1.65	1.57	1.50
13.2000	1.45	1.41	1.38	1.35	1.32
13.4500	1.30	1.28	1.25	1.23	1.21
13.7000	1.19	1.16	1.14	1.12	1.10
13.9500	1.07	1.05	1.03	1.01	.99
14.2000	.97	.96	.95	.94	.92
14.4500	.91	.90	.89	.88	.87
14.7000	.86	.85	.84	.83	.81
14.9500	.80	.79	.78	.77	.76

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
15.2000	.75	.74	.73	.72	.70
15.4500	.69	.68	.67	.66	.65
15.7000	.64	.63	.61	.60	.59
15.9500	.58	.57	.56	.55	.54
16.2000	.53	.52	.52	.51	.51
16.4500	.50	.50	.49	.49	.48
16.7000	.48	.47	.47	.46	.46
16.9500	.45	.45	.44	.44	.43
17.2000	.43	.42	.42	.41	.41
17.4500	.40	.40	.39	.39	.38
17.7000	.38	.37	.37	.36	.36
17.9500	.35	.35	.34	.34	.33
18.2000	.33	.33	.33	.32	.32
18.4500	.32	.32	.32	.32	.31
18.7000	.31	.31	.31	.31	.31
18.9500	.31	.30	.30	.30	.30
19.2000	.30	.30	.29	.29	.29
19.4500	.29	.29	.29	.29	.28
19.7000	.28	.28	.28	.28	.28
19.9500	.28	.27	.27	.27	.27
20.2000	.27	.27	.27	.26	.26
20.4500	.26	.26	.26	.26	.26
20.7000	.26	.26	.25	.25	.25
20.9500	.25	.25	.25	.25	.25
21.2000	.25	.24	.24	.24	.24
21.4500	.24	.24	.24	.24	.24
21.7000	.23	.23	.23	.23	.23
21.9500	.23	.23	.23	.23	.22
22.2000	.22	.22	.22	.22	.22
22.4500	.22	.22	.21	.21	.21
22.7000	.21	.21	.21	.21	.21
22.9500	.21	.20	.20	.20	.20
23.2000	.20	.20	.20	.20	.20
23.4500	.19	.19	.19	.19	.19
23.7000	.19	.19	.19	.19	.18
23.9500	.18	.18	.17	.14	.10
24.2000	.06	.04	.02	.01	.01
24.4500	.00	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration = 24.0000 hrs Rain Depth = 7.7000 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-1 50
Tc = .2300 hrs
Drainage Area = 3.708 acres Runoff CN= 75
Calc.Increment= .03067 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.474 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
6.9000	.00	.00	.00	.00	.01
7.1500	.01	.01	.02	.02	.02
7.4000	.02	.03	.03	.04	.04
7.6500	.04	.05	.05	.05	.06
7.9000	.06	.07	.07	.07	.08
8.1500	.08	.09	.10	.10	.11
8.4000	.11	.12	.13	.13	.14
8.6500	.15	.16	.17	.17	.18
8.9000	.19	.20	.21	.22	.23
9.1500	.24	.25	.26	.27	.28
9.4000	.29	.30	.31	.32	.34
9.6500	.35	.36	.37	.39	.40
9.9000	.41	.42	.44	.45	.47
10.1500	.48	.50	.52	.54	.56
10.4000	.58	.61	.63	.65	.68
10.6500	.70	.73	.75	.78	.81
10.9000	.83	.86	.89	.92	.96
11.1500	1.00	1.06	1.12	1.20	1.27
11.4000	1.36	1.44	1.53	1.65	1.85
11.6500	2.16	2.62	3.21	3.92	4.72
11.9000	5.59	6.82	8.84	11.46	13.85
12.1500	15.26	15.08	13.68	11.91	10.34
12.4000	9.02	7.84	6.73	5.70	4.79
12.6500	4.04	3.48	3.09	2.82	2.61
12.9000	2.45	2.31	2.19	2.08	1.97
13.1500	1.89	1.82	1.77	1.73	1.69
13.4000	1.66	1.63	1.60	1.57	1.54
13.6500	1.52	1.49	1.46	1.43	1.40
13.9000	1.38	1.35	1.32	1.29	1.26
14.1500	1.24	1.22	1.20	1.19	1.17

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
14.4000	1.16	1.14	1.13	1.11	1.10
14.6500	1.09	1.07	1.06	1.05	1.03
14.9000	1.02	1.00	.99	.98	.96
15.1500	.95	.93	.92	.91	.89
15.4000	.88	.86	.85	.84	.82
15.6500	.81	.79	.78	.77	.75
15.9000	.74	.72	.71	.69	.68
16.1500	.67	.66	.65	.64	.64
16.4000	.63	.62	.62	.61	.61
16.6500	.60	.59	.59	.58	.57
16.9000	.57	.56	.56	.55	.54
17.1500	.54	.53	.52	.52	.51
17.4000	.51	.50	.49	.49	.48
17.6500	.47	.47	.46	.46	.45
17.9000	.44	.44	.43	.42	.42
18.1500	.41	.41	.41	.40	.40
18.4000	.40	.40	.40	.39	.39
18.6500	.39	.39	.39	.38	.38
18.9000	.38	.38	.38	.38	.37
19.1500	.37	.37	.37	.37	.36
19.4000	.36	.36	.36	.36	.35
19.6500	.35	.35	.35	.35	.35
19.9000	.34	.34	.34	.34	.34
20.1500	.33	.33	.33	.33	.33
20.4000	.33	.33	.32	.32	.32
20.6500	.32	.32	.32	.32	.31
20.9000	.31	.31	.31	.31	.31
21.1500	.31	.30	.30	.30	.30
21.4000	.30	.30	.30	.29	.29
21.6500	.29	.29	.29	.29	.29
21.9000	.29	.28	.28	.28	.28
22.1500	.28	.28	.27	.27	.27
22.4000	.27	.27	.27	.27	.26
22.6500	.26	.26	.26	.26	.26
22.9000	.26	.25	.25	.25	.25
23.1500	.25	.25	.25	.24	.24
23.4000	.24	.24	.24	.24	.24
23.6500	.23	.23	.23	.23	.23
23.9000	.23	.23	.22	.21	.18
24.1500	.13	.08	.05	.03	.02
24.4000	.01	.01	.00	.00	.00

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 9.2300 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-1 100
Tc = .2300 hrs
Drainage Area = 3.708 acres Runoff CN= 75
Calc.Increment= .03067 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.905 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
6.1500	.00	.00	.00	.01	.01
6.4000	.01	.01	.02	.02	.02
6.6500	.03	.03	.03	.04	.04
6.9000	.04	.05	.05	.06	.06
7.1500	.07	.07	.07	.08	.08
7.4000	.09	.09	.10	.10	.11
7.6500	.11	.12	.13	.13	.14
7.9000	.14	.15	.15	.16	.17
8.1500	.17	.18	.19	.20	.21
8.4000	.22	.23	.24	.25	.26
8.6500	.27	.28	.29	.30	.31
8.9000	.33	.34	.35	.37	.38
9.1500	.39	.41	.42	.43	.45
9.4000	.46	.48	.49	.51	.53
9.6500	.54	.56	.57	.59	.61
9.9000	.63	.64	.66	.68	.70
10.1500	.72	.74	.77	.80	.82
10.4000	.85	.88	.91	.95	.98
10.6500	1.01	1.04	1.08	1.11	1.15
10.9000	1.18	1.22	1.25	1.29	1.34
11.1500	1.40	1.47	1.56	1.66	1.76
11.4000	1.87	1.99	2.10	2.26	2.52
11.6500	2.93	3.55	4.33	5.26	6.29
11.9000	7.41	8.99	11.58	14.91	17.90
12.1500	19.63	19.31	17.45	15.15	13.11
12.4000	11.42	9.89	8.48	7.17	6.01
12.6500	5.07	4.36	3.87	3.53	3.27
12.9000	3.07	2.89	2.74	2.59	2.47
13.1500	2.36	2.28	2.21	2.16	2.11
13.4000	2.07	2.03	2.00	1.96	1.92

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
13.6500	1.89	1.85	1.82	1.78	1.75
13.9000	1.71	1.68	1.64	1.60	1.57
14.1500	1.54	1.52	1.49	1.47	1.45
14.4000	1.44	1.42	1.40	1.38	1.37
14.6500	1.35	1.33	1.31	1.30	1.28
14.9000	1.26	1.25	1.23	1.21	1.19
15.1500	1.18	1.16	1.14	1.12	1.11
15.4000	1.09	1.07	1.05	1.04	1.02
15.6500	1.00	.98	.97	.95	.93
15.9000	.91	.89	.88	.86	.84
16.1500	.83	.82	.81	.80	.79
16.4000	.78	.77	.76	.76	.75
16.6500	.74	.73	.73	.72	.71
16.9000	.70	.69	.69	.68	.67
17.1500	.66	.66	.65	.64	.63
17.4000	.63	.62	.61	.60	.59
17.6500	.59	.58	.57	.56	.56
17.9000	.55	.54	.53	.52	.52
18.1500	.51	.51	.50	.50	.50
18.4000	.49	.49	.49	.49	.48
18.6500	.48	.48	.48	.48	.47
18.9000	.47	.47	.47	.46	.46
19.1500	.46	.46	.45	.45	.45
19.4000	.45	.45	.44	.44	.44
19.6500	.44	.43	.43	.43	.43
19.9000	.42	.42	.42	.42	.41
20.1500	.41	.41	.41	.41	.41
20.4000	.40	.40	.40	.40	.40
20.6500	.39	.39	.39	.39	.39
20.9000	.39	.38	.38	.38	.38
21.1500	.38	.38	.37	.37	.37
21.4000	.37	.37	.36	.36	.36
21.6500	.36	.36	.36	.35	.35
21.9000	.35	.35	.35	.35	.34
22.1500	.34	.34	.34	.34	.33
22.4000	.33	.33	.33	.33	.33
22.6500	.32	.32	.32	.32	.32
22.9000	.32	.31	.31	.31	.31
23.1500	.31	.30	.30	.30	.30
23.4000	.30	.30	.30	.29	.29
23.6500	.29	.29	.29	.28	.28
23.9000	.28	.28	.28	.26	.22
24.1500	.16	.10	.06	.03	.02
24.4000	.01	.01	.00	.00	.00
24.6500	.00				

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 2.7500 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-2 1
Tc = .2000 hrs
Drainage Area = 2.879 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .192 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
11.0000	.00	.00	.00	.01	.01
11.2500	.02	.02	.03	.04	.04
11.5000	.05	.06	.08	.10	.14
11.7500	.20	.26	.35	.46	.62
12.0000	.92	1.31	1.68	1.92	1.91
12.2500	1.74	1.53	1.37	1.22	1.08
12.5000	.94	.80	.67	.57	.50
12.7500	.46	.43	.40	.38	.36
13.0000	.35	.33	.32	.31	.30
13.2500	.29	.28	.28	.28	.27
13.5000	.27	.26	.26	.25	.25
13.7500	.25	.24	.24	.23	.23
14.0000	.22	.22	.22	.21	.21
14.2500	.21	.20	.20	.20	.20
14.5000	.20	.19	.19	.19	.19
14.7500	.19	.18	.18	.18	.18
15.0000	.17	.17	.17	.17	.17
15.2500	.16	.16	.16	.16	.15
15.5000	.15	.15	.15	.14	.14
15.7500	.14	.14	.13	.13	.13
16.0000	.13	.12	.12	.12	.12
16.2500	.12	.12	.12	.11	.11
16.5000	.11	.11	.11	.11	.11
16.7500	.11	.11	.10	.10	.10
17.0000	.10	.10	.10	.10	.10
17.2500	.10	.09	.09	.09	.09
17.5000	.09	.09	.09	.09	.09
17.7500	.08	.08	.08	.08	.08
18.0000	.08	.08	.08	.08	.08
18.2500	.08	.07	.07	.07	.07

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.5000	.07	.07	.07	.07	.07
18.7500	.07	.07	.07	.07	.07
19.0000	.07	.07	.07	.07	.07
19.2500	.07	.07	.07	.07	.07
19.5000	.07	.07	.07	.07	.07
19.7500	.07	.07	.06	.06	.06
20.0000	.06	.06	.06	.06	.06
20.2500	.06	.06	.06	.06	.06
20.5000	.06	.06	.06	.06	.06
20.7500	.06	.06	.06	.06	.06
21.0000	.06	.06	.06	.06	.06
21.2500	.06	.06	.06	.06	.06
21.5000	.06	.06	.06	.06	.06
21.7500	.05	.05	.05	.05	.05
22.0000	.05	.05	.05	.05	.05
22.2500	.05	.05	.05	.05	.05
22.5000	.05	.05	.05	.05	.05
22.7500	.05	.05	.05	.05	.05
23.0000	.05	.05	.05	.05	.05
23.2500	.05	.05	.05	.05	.05
23.5000	.05	.05	.05	.04	.04
23.7500	.04	.04	.04	.04	.04
24.0000	.04	.04	.03	.02	.01
24.2500	.01	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 3.3700 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-2 2
Tc = .2000 hrs
Drainage Area = 2.879 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .290 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
10.2500	.00	.00	.00	.00	.01
10.5000	.01	.01	.02	.02	.03
10.7500	.03	.03	.04	.04	.05
11.0000	.05	.06	.06	.07	.08
11.2500	.09	.10	.11	.12	.14
11.5000	.15	.17	.20	.25	.33
11.7500	.43	.55	.69	.86	1.12
12.0000	1.59	2.18	2.72	3.04	2.98
12.2500	2.67	2.32	2.06	1.82	1.60
12.5000	1.38	1.17	.98	.83	.73
12.7500	.66	.62	.58	.55	.52
13.0000	.50	.48	.45	.44	.42
13.2500	.41	.41	.40	.39	.39
13.5000	.38	.37	.37	.36	.36
13.7500	.35	.34	.34	.33	.32
14.0000	.32	.31	.31	.30	.30
14.2500	.29	.29	.29	.28	.28
14.5000	.28	.27	.27	.27	.26
14.7500	.26	.26	.25	.25	.25
15.0000	.24	.24	.24	.23	.23
15.2500	.23	.22	.22	.22	.21
15.5000	.21	.21	.20	.20	.20
15.7500	.19	.19	.19	.18	.18
16.0000	.18	.17	.17	.17	.17
16.2500	.16	.16	.16	.16	.16
16.5000	.16	.15	.15	.15	.15
16.7500	.15	.15	.15	.14	.14
17.0000	.14	.14	.14	.14	.13
17.2500	.13	.13	.13	.13	.13
17.5000	.13	.12	.12	.12	.12

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
17.7500	.12	.12	.11	.11	.11
18.0000	.11	.11	.11	.11	.10
18.2500	.10	.10	.10	.10	.10
18.5000	.10	.10	.10	.10	.10
18.7500	.10	.10	.10	.10	.10
19.0000	.10	.10	.10	.10	.10
19.2500	.09	.09	.09	.09	.09
19.5000	.09	.09	.09	.09	.09
19.7500	.09	.09	.09	.09	.09
20.0000	.09	.09	.09	.09	.09
20.2500	.09	.09	.09	.08	.08
20.5000	.08	.08	.08	.08	.08
20.7500	.08	.08	.08	.08	.08
21.0000	.08	.08	.08	.08	.08
21.2500	.08	.08	.08	.08	.08
21.5000	.08	.08	.08	.08	.08
21.7500	.08	.07	.07	.07	.07
22.0000	.07	.07	.07	.07	.07
22.2500	.07	.07	.07	.07	.07
22.5000	.07	.07	.07	.07	.07
22.7500	.07	.07	.07	.07	.07
23.0000	.07	.07	.07	.07	.06
23.2500	.06	.06	.06	.06	.06
23.5000	.06	.06	.06	.06	.06
23.7500	.06	.06	.06	.06	.06
24.0000	.06	.06	.04	.03	.01
24.2500	.01	.00	.00	.00	.00

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.0800 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-2 10
Tc = .2000 hrs
Drainage Area = 2.879 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .603 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
8.7000	.00	.00	.00	.01	.01
8.9500	.01	.01	.02	.02	.02
9.2000	.03	.03	.03	.04	.04
9.4500	.05	.05	.05	.06	.06
9.7000	.07	.07	.08	.08	.09
9.9500	.09	.10	.10	.11	.11
10.2000	.12	.13	.13	.14	.15
10.4500	.16	.17	.18	.18	.19
10.7000	.20	.21	.22	.23	.25
10.9500	.26	.27	.28	.29	.31
11.2000	.34	.36	.39	.42	.45
11.4500	.48	.52	.57	.65	.78
11.7000	.98	1.22	1.52	1.85	2.23
11.9500	2.78	3.77	4.99	6.02	6.53
12.2000	6.27	5.52	4.74	4.14	3.62
12.4500	3.16	2.69	2.27	1.89	1.60
12.7000	1.40	1.27	1.18	1.11	1.05
12.9500	1.00	.94	.90	.86	.82
13.2000	.80	.78	.76	.75	.74
13.4500	.72	.71	.70	.69	.68
13.7000	.66	.65	.64	.63	.61
13.9500	.60	.59	.58	.56	.56
14.2000	.55	.54	.53	.53	.52
14.4500	.51	.51	.50	.50	.49
14.7000	.48	.48	.47	.47	.46
14.9500	.45	.45	.44	.44	.43
15.2000	.42	.42	.41	.40	.40
15.4500	.39	.38	.38	.37	.37
15.7000	.36	.35	.35	.34	.33
15.9500	.33	.32	.31	.31	.30

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
16.2000	.30	.30	.29	.29	.29
16.4500	.28	.28	.28	.28	.27
16.7000	.27	.27	.27	.26	.26
16.9500	.26	.25	.25	.25	.25
17.2000	.24	.24	.24	.23	.23
17.4500	.23	.23	.22	.22	.22
17.7000	.21	.21	.21	.21	.20
17.9500	.20	.20	.19	.19	.19
18.2000	.19	.19	.19	.18	.18
18.4500	.18	.18	.18	.18	.18
18.7000	.18	.18	.18	.18	.18
18.9500	.17	.17	.17	.17	.17
19.2000	.17	.17	.17	.17	.17
19.4500	.17	.17	.16	.16	.16
19.7000	.16	.16	.16	.16	.16
19.9500	.16	.16	.16	.16	.15
20.2000	.15	.15	.15	.15	.15
20.4500	.15	.15	.15	.15	.15
20.7000	.15	.15	.15	.15	.14
20.9500	.14	.14	.14	.14	.14
21.2000	.14	.14	.14	.14	.14
21.4500	.14	.14	.14	.14	.14
21.7000	.13	.13	.13	.13	.13
21.9500	.13	.13	.13	.13	.13
22.2000	.13	.13	.13	.13	.13
22.4500	.12	.12	.12	.12	.12
22.7000	.12	.12	.12	.12	.12
22.9500	.12	.12	.12	.12	.12
23.2000	.11	.11	.11	.11	.11
23.4500	.11	.11	.11	.11	.11
23.7000	.11	.11	.11	.11	.11
23.9500	.10	.10	.10	.08	.05
24.2000	.03	.01	.01	.00	.00
24.4500	.00	.00			

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.4400 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-2 25
Tc = .2000 hrs
Drainage Area = 2.879 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .878 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
7.7000	.00	.00	.00	.01	.01
7.9500	.01	.01	.01	.02	.02
8.2000	.02	.02	.03	.03	.03
8.4500	.04	.04	.04	.05	.05
8.7000	.06	.06	.07	.07	.08
8.9500	.08	.09	.09	.10	.10
9.2000	.11	.11	.12	.12	.13
9.4500	.14	.14	.15	.16	.16
9.7000	.17	.18	.19	.19	.20
9.9500	.21	.22	.22	.23	.24
10.2000	.25	.26	.28	.29	.30
10.4500	.31	.33	.34	.36	.37
10.7000	.38	.40	.42	.43	.45
10.9500	.46	.48	.50	.52	.55
11.2000	.58	.62	.67	.72	.77
11.4500	.82	.87	.95	1.08	1.28
11.7000	1.58	1.96	2.41	2.90	3.46
11.9500	4.26	5.71	7.45	8.88	9.54
12.2000	9.07	7.93	6.77	5.88	5.12
12.4500	4.45	3.78	3.18	2.65	2.24
12.7000	1.95	1.77	1.64	1.54	1.46
12.9500	1.38	1.31	1.24	1.19	1.14
13.2000	1.10	1.08	1.05	1.04	1.02
13.4500	1.00	.98	.96	.95	.93
13.7000	.91	.90	.88	.86	.84
13.9500	.83	.81	.79	.78	.76
14.2000	.75	.74	.73	.72	.71
14.4500	.70	.70	.69	.68	.67
14.7000	.66	.65	.65	.64	.63
14.9500	.62	.61	.60	.59	.59

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
15.2000	.58	.57	.56	.55	.54
15.4500	.53	.53	.52	.51	.50
15.7000	.49	.48	.47	.46	.45
15.9500	.45	.44	.43	.42	.41
16.2000	.41	.40	.40	.40	.39
16.4500	.39	.38	.38	.38	.37
16.7000	.37	.36	.36	.36	.35
16.9500	.35	.34	.34	.34	.33
17.2000	.33	.33	.32	.32	.31
17.4500	.31	.31	.30	.30	.29
17.7000	.29	.29	.28	.28	.27
17.9500	.27	.27	.26	.26	.26
18.2000	.25	.25	.25	.25	.25
18.4500	.25	.25	.25	.24	.24
18.7000	.24	.24	.24	.24	.24
18.9500	.24	.24	.23	.23	.23
19.2000	.23	.23	.23	.23	.23
19.4500	.22	.22	.22	.22	.22
19.7000	.22	.22	.22	.22	.21
19.9500	.21	.21	.21	.21	.21
20.2000	.21	.21	.21	.21	.20
20.4500	.20	.20	.20	.20	.20
20.7000	.20	.20	.20	.20	.20
20.9500	.19	.19	.19	.19	.19
21.2000	.19	.19	.19	.19	.19
21.4500	.19	.18	.18	.18	.18
21.7000	.18	.18	.18	.18	.18
21.9500	.18	.18	.18	.17	.17
22.2000	.17	.17	.17	.17	.17
22.4500	.17	.17	.17	.17	.16
22.7000	.16	.16	.16	.16	.16
22.9500	.16	.16	.16	.16	.16
23.2000	.15	.15	.15	.15	.15
23.4500	.15	.15	.15	.15	.15
23.7000	.15	.14	.14	.14	.14
23.9500	.14	.14	.13	.10	.06
24.2000	.04	.02	.01	.01	.00
24.4500	.00	.00			

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration = 24.0000 hrs Rain Depth = 7.7000 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-2 50
Tc = .2000 hrs
Drainage Area = 2.879 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.145 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
6.9000	.00	.00	.00	.00	.01
7.1500	.01	.01	.01	.02	.02
7.4000	.02	.02	.03	.03	.03
7.6500	.03	.04	.04	.04	.05
7.9000	.05	.05	.06	.06	.06
8.1500	.07	.07	.08	.08	.09
8.4000	.09	.10	.10	.11	.11
8.6500	.12	.13	.13	.14	.14
8.9000	.15	.16	.17	.17	.18
9.1500	.19	.20	.20	.21	.22
9.4000	.23	.24	.25	.26	.27
9.6500	.27	.28	.29	.30	.31
9.9000	.32	.33	.35	.36	.37
10.1500	.38	.40	.41	.43	.44
10.4000	.46	.48	.50	.52	.53
10.6500	.55	.57	.59	.61	.64
10.9000	.66	.68	.70	.73	.76
11.1500	.79	.84	.89	.95	1.02
11.4000	1.08	1.15	1.23	1.33	1.50
11.6500	1.77	2.19	2.70	3.30	3.94
11.9000	4.67	5.71	7.58	9.81	11.62
12.1500	12.39	11.73	10.21	8.68	7.52
12.4000	6.53	5.66	4.81	4.03	3.36
12.6500	2.83	2.47	2.23	2.07	1.94
12.9000	1.83	1.74	1.65	1.57	1.49
13.1500	1.43	1.39	1.35	1.33	1.30
13.4000	1.28	1.25	1.23	1.21	1.19
13.6500	1.17	1.15	1.12	1.10	1.08
13.9000	1.06	1.04	1.01	.99	.97
14.1500	.95	.94	.93	.91	.90

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
14.4000	.89	.88	.87	.86	.85
14.6500	.84	.83	.82	.81	.80
14.9000	.79	.77	.76	.75	.74
15.1500	.73	.72	.71	.70	.69
15.4000	.68	.67	.65	.64	.63
15.6500	.62	.61	.60	.59	.58
15.9000	.57	.56	.54	.53	.52
16.1500	.52	.51	.50	.50	.49
16.4000	.49	.48	.48	.47	.47
16.6500	.46	.46	.45	.45	.44
16.9000	.44	.43	.43	.42	.42
17.1500	.41	.41	.40	.40	.40
17.4000	.39	.39	.38	.38	.37
17.6500	.37	.36	.36	.35	.35
17.9000	.34	.34	.33	.33	.32
18.1500	.32	.32	.31	.31	.31
18.4000	.31	.31	.31	.31	.30
18.6500	.30	.30	.30	.30	.30
18.9000	.30	.29	.29	.29	.29
19.1500	.29	.29	.29	.28	.28
19.4000	.28	.28	.28	.28	.27
19.6500	.27	.27	.27	.27	.27
19.9000	.27	.26	.26	.26	.26
20.1500	.26	.26	.26	.26	.25
20.4000	.25	.25	.25	.25	.25
20.6500	.25	.25	.25	.24	.24
20.9000	.24	.24	.24	.24	.24
21.1500	.24	.24	.23	.23	.23
21.4000	.23	.23	.23	.23	.23
21.6500	.23	.22	.22	.22	.22
21.9000	.22	.22	.22	.22	.22
22.1500	.21	.21	.21	.21	.21
22.4000	.21	.21	.21	.21	.20
22.6500	.20	.20	.20	.20	.20
22.9000	.20	.20	.20	.20	.19
23.1500	.19	.19	.19	.19	.19
23.4000	.19	.19	.19	.18	.18
23.6500	.18	.18	.18	.18	.18
23.9000	.18	.17	.17	.16	.13
24.1500	.08	.04	.02	.01	.01
24.4000	.00	.00	.00		

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 9.2300 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX B-2 100
Tc = .2000 hrs
Drainage Area = 2.879 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.479 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
6.1500	.00	.00	.00	.01	.01
6.4000	.01	.01	.01	.02	.02
6.6500	.02	.02	.03	.03	.03
6.9000	.04	.04	.04	.05	.05
7.1500	.05	.06	.06	.06	.07
7.4000	.07	.07	.08	.08	.09
7.6500	.09	.09	.10	.10	.11
7.9000	.11	.12	.12	.13	.13
8.1500	.14	.14	.15	.16	.16
8.4000	.17	.18	.19	.20	.20
8.6500	.21	.22	.23	.24	.25
8.9000	.26	.27	.28	.29	.30
9.1500	.31	.32	.33	.34	.35
9.4000	.37	.38	.39	.40	.41
9.6500	.43	.44	.45	.47	.48
9.9000	.49	.51	.52	.53	.55
10.1500	.57	.59	.61	.63	.65
10.4000	.67	.70	.72	.75	.77
10.6500	.80	.82	.85	.88	.90
10.9000	.93	.96	.99	1.02	1.06
11.1500	1.11	1.17	1.24	1.32	1.40
11.4000	1.49	1.58	1.68	1.81	2.05
11.6500	2.41	2.95	3.63	4.41	5.25
11.9000	6.18	7.52	9.91	12.74	14.99
12.1500	15.90	14.99	13.00	11.02	9.52
12.4000	8.24	7.13	6.05	5.07	4.21
12.6500	3.56	3.09	2.79	2.59	2.43
12.9000	2.30	2.18	2.06	1.96	1.87
13.1500	1.79	1.73	1.69	1.65	1.62
13.4000	1.59	1.56	1.54	1.51	1.48

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
13.6500	1.45	1.43	1.40	1.37	1.34
13.9000	1.32	1.29	1.26	1.23	1.21
14.1500	1.19	1.17	1.15	1.14	1.12
14.4000	1.11	1.10	1.08	1.07	1.05
14.6500	1.04	1.03	1.01	1.00	.99
14.9000	.97	.96	.95	.93	.92
15.1500	.91	.89	.88	.87	.85
15.4000	.84	.83	.81	.80	.78
15.6500	.77	.76	.74	.73	.72
15.9000	.70	.69	.67	.66	.65
16.1500	.64	.63	.62	.62	.61
16.4000	.60	.60	.59	.58	.58
16.6500	.57	.57	.56	.55	.55
16.9000	.54	.54	.53	.52	.52
17.1500	.51	.51	.50	.49	.49
17.4000	.48	.48	.47	.46	.46
17.6500	.45	.45	.44	.43	.43
17.9000	.42	.42	.41	.40	.40
18.1500	.39	.39	.39	.39	.38
18.4000	.38	.38	.38	.38	.38
18.6500	.37	.37	.37	.37	.37
18.9000	.36	.36	.36	.36	.36
19.1500	.36	.35	.35	.35	.35
19.4000	.35	.34	.34	.34	.34
19.6500	.34	.34	.33	.33	.33
19.9000	.33	.33	.32	.32	.32
20.1500	.32	.32	.32	.32	.31
20.4000	.31	.31	.31	.31	.31
20.6500	.31	.30	.30	.30	.30
20.9000	.30	.30	.30	.30	.29
21.1500	.29	.29	.29	.29	.29
21.4000	.29	.28	.28	.28	.28
21.6500	.28	.28	.28	.27	.27
21.9000	.27	.27	.27	.27	.27
22.1500	.27	.26	.26	.26	.26
22.4000	.26	.26	.26	.25	.25
22.6500	.25	.25	.25	.25	.25
22.9000	.24	.24	.24	.24	.24
23.1500	.24	.24	.23	.23	.23
23.4000	.23	.23	.23	.23	.23
23.6500	.22	.22	.22	.22	.22
23.9000	.22	.22	.21	.20	.16
24.1500	.10	.05	.03	.02	.01
24.4000	.00	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 2.7500 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX C 1
Tc = .2100 hrs
Drainage Area = 6.840 acres Runoff CN= 81
Calc.Increment= .02800 hrs Out.Incr.= .0500 hrs
HYG Volume = .641 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
9.7000	.00	.00	.00	.01	.01
9.9500	.02	.02	.03	.03	.04
10.2000	.04	.05	.06	.06	.07
10.4500	.08	.09	.09	.10	.11
10.7000	.12	.13	.14	.15	.16
10.9500	.17	.19	.20	.21	.23
11.2000	.25	.27	.30	.33	.36
11.4500	.39	.42	.47	.55	.66
11.7000	.83	1.06	1.34	1.67	2.04
11.9500	2.59	3.59	4.85	6.04	6.75
12.2000	6.62	5.97	5.20	4.58	4.04
12.4500	3.55	3.05	2.59	2.17	1.85
12.7000	1.61	1.45	1.34	1.26	1.19
12.9500	1.13	1.07	1.02	.97	.94
13.2000	.91	.88	.87	.85	.84
13.4500	.82	.81	.80	.78	.77
13.7000	.76	.74	.73	.72	.70
13.9500	.69	.67	.66	.65	.64
14.2000	.63	.62	.61	.60	.60
14.4500	.59	.58	.58	.57	.56
14.7000	.56	.55	.54	.54	.53
14.9500	.52	.52	.51	.50	.49
15.2000	.49	.48	.47	.47	.46
15.4500	.45	.44	.44	.43	.42
15.7000	.42	.41	.40	.39	.39
15.9500	.38	.37	.36	.36	.35
16.2000	.35	.34	.34	.34	.33
16.4500	.33	.33	.32	.32	.32
16.7000	.31	.31	.31	.30	.30
16.9500	.30	.29	.29	.29	.29

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
17.2000	.28	.28	.28	.27	.27
17.4500	.27	.26	.26	.26	.25
17.7000	.25	.25	.24	.24	.24
17.9500	.23	.23	.23	.22	.22
18.2000	.22	.22	.22	.22	.21
18.4500	.21	.21	.21	.21	.21
18.7000	.21	.21	.21	.21	.20
18.9500	.20	.20	.20	.20	.20
19.2000	.20	.20	.20	.20	.19
19.4500	.19	.19	.19	.19	.19
19.7000	.19	.19	.19	.19	.19
19.9500	.18	.18	.18	.18	.18
20.2000	.18	.18	.18	.18	.18
20.4500	.18	.17	.17	.17	.17
20.7000	.17	.17	.17	.17	.17
20.9500	.17	.17	.17	.17	.17
21.2000	.16	.16	.16	.16	.16
21.4500	.16	.16	.16	.16	.16
21.7000	.16	.16	.16	.16	.15
21.9500	.15	.15	.15	.15	.15
22.2000	.15	.15	.15	.15	.15
22.4500	.15	.15	.14	.14	.14
22.7000	.14	.14	.14	.14	.14
22.9500	.14	.14	.14	.14	.14
23.2000	.13	.13	.13	.13	.13
23.4500	.13	.13	.13	.13	.13
23.7000	.13	.13	.13	.12	.12
23.9500	.12	.12	.12	.09	.06
24.2000	.03	.02	.01	.01	.00
24.4500	.00	.00			

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 1

Peak Discharge =	6.75 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	.641 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
9.7000	.00	.00	.00	.01	.01
9.9500	.02	.02	.03	.03	.04
10.2000	.04	.05	.06	.06	.07
10.4500	.08	.09	.09	.10	.11
10.7000	.12	.13	.14	.15	.16
10.9500	.17	.19	.20	.21	.23
11.2000	.25	.27	.30	.33	.36
11.4500	.39	.42	.47	.55	.66
11.7000	.83	1.06	1.34	1.67	2.04
11.9500	2.59	3.59	4.85	6.04	6.75
12.2000	6.62	5.97	5.20	4.58	4.04
12.4500	3.55	3.05	2.59	2.17	1.85
12.7000	1.61	1.45	1.34	1.26	1.19
12.9500	1.13	1.07	1.02	.97	.94
13.2000	.91	.88	.87	.85	.84
13.4500	.82	.81	.80	.78	.77
13.7000	.76	.74	.73	.72	.70
13.9500	.69	.67	.66	.65	.64
14.2000	.63	.62	.61	.60	.60
14.4500	.59	.58	.58	.57	.56
14.7000	.56	.55	.54	.54	.53
14.9500	.52	.52	.51	.50	.49
15.2000	.49	.48	.47	.47	.46
15.4500	.45	.44	.44	.43	.42
15.7000	.42	.41	.40	.39	.39
15.9500	.38	.37	.36	.36	.35
16.2000	.35	.34	.34	.34	.33
16.4500	.33	.33	.32	.32	.32
16.7000	.31	.31	.31	.30	.30
16.9500	.30	.29	.29	.29	.29
17.2000	.28	.28	.28	.27	.27

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 3.3700 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX C 2
Tc = .2100 hrs
Drainage Area = 6.840 acres Runoff CN= 81
Calc.Increment= .02800 hrs Out.Incr.= .0500 hrs
HYG Volume = .914 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.9000	.00	.00	.00	.01	.01
9.1500	.02	.02	.02	.03	.04
9.4000	.04	.05	.05	.06	.06
9.6500	.07	.08	.08	.09	.10
9.9000	.11	.11	.12	.13	.14
10.1500	.15	.16	.17	.18	.19
10.4000	.20	.21	.22	.24	.25
10.6500	.27	.28	.29	.31	.33
10.9000	.34	.36	.38	.39	.42
11.1500	.44	.47	.51	.55	.60
11.4000	.64	.69	.75	.82	.94
11.6500	1.12	1.39	1.74	2.17	2.66
11.9000	3.21	4.01	5.44	7.23	8.86
12.1500	9.77	9.50	8.49	7.35	6.43
12.4000	5.64	4.93	4.23	3.58	2.99
12.6500	2.54	2.21	1.99	1.84	1.72
12.9000	1.63	1.54	1.46	1.39	1.33
13.1500	1.27	1.23	1.20	1.18	1.16
13.4000	1.14	1.12	1.10	1.08	1.06
13.6500	1.04	1.02	1.00	.99	.97
13.9000	.95	.93	.91	.89	.87
14.1500	.86	.84	.83	.82	.81
14.4000	.80	.79	.78	.77	.77
14.6500	.76	.75	.74	.73	.72
14.9000	.71	.70	.69	.68	.67
15.1500	.66	.65	.64	.63	.62
15.4000	.61	.61	.60	.59	.58
15.6500	.57	.56	.55	.54	.53
15.9000	.52	.51	.50	.49	.48
16.1500	.47	.46	.46	.45	.45

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
16.4000	.44	.44	.44	.43	.43
16.6500	.42	.42	.41	.41	.41
16.9000	.40	.40	.39	.39	.38
17.1500	.38	.38	.37	.37	.36
17.4000	.36	.35	.35	.34	.34
17.6500	.34	.33	.33	.32	.32
17.9000	.31	.31	.31	.30	.30
18.1500	.29	.29	.29	.29	.29
18.4000	.28	.28	.28	.28	.28
18.6500	.28	.28	.28	.27	.27
18.9000	.27	.27	.27	.27	.27
19.1500	.26	.26	.26	.26	.26
19.4000	.26	.26	.26	.25	.25
19.6500	.25	.25	.25	.25	.25
19.9000	.25	.24	.24	.24	.24
20.1500	.24	.24	.24	.24	.23
20.4000	.23	.23	.23	.23	.23
20.6500	.23	.23	.23	.23	.22
20.9000	.22	.22	.22	.22	.22
21.1500	.22	.22	.22	.22	.21
21.4000	.21	.21	.21	.21	.21
21.6500	.21	.21	.21	.21	.21
21.9000	.20	.20	.20	.20	.20
22.1500	.20	.20	.20	.20	.19
22.4000	.19	.19	.19	.19	.19
22.6500	.19	.19	.19	.19	.18
22.9000	.18	.18	.18	.18	.18
23.1500	.18	.18	.18	.18	.17
23.4000	.17	.17	.17	.17	.17
23.6500	.17	.17	.17	.17	.16
23.9000	.16	.16	.16	.15	.12
24.1500	.08	.05	.03	.01	.01
24.4000	.00	.00	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 2

Peak Discharge =	9.77 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	.914 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.9000	.00	.00	.00	.01	.01
9.1500	.02	.02	.02	.03	.04
9.4000	.04	.05	.05	.06	.06
9.6500	.07	.08	.08	.09	.10
9.9000	.11	.11	.12	.13	.14
10.1500	.15	.16	.17	.18	.19
10.4000	.20	.21	.22	.24	.25
10.6500	.27	.28	.29	.31	.33
10.9000	.34	.36	.38	.39	.42
11.1500	.44	.47	.51	.55	.60
11.4000	.64	.69	.75	.82	.94
11.6500	1.12	1.39	1.74	2.17	2.66
11.9000	3.21	4.01	5.44	7.23	8.86
12.1500	9.77	9.50	8.49	7.35	6.43
12.4000	5.64	4.93	4.23	3.58	2.99
12.6500	2.54	2.21	1.99	1.84	1.72
12.9000	1.63	1.54	1.46	1.39	1.33
13.1500	1.27	1.23	1.20	1.18	1.16
13.4000	1.14	1.12	1.10	1.08	1.06
13.6500	1.04	1.02	1.00	.99	.97
13.9000	.95	.93	.91	.89	.87
14.1500	.86	.84	.83	.82	.81
14.4000	.80	.79	.78	.77	.77
14.6500	.76	.75	.74	.73	.72
14.9000	.71	.70	.69	.68	.67
15.1500	.66	.65	.64	.63	.62
15.4000	.61	.61	.60	.59	.58
15.6500	.57	.56	.55	.54	.53
15.9000	.52	.51	.50	.49	.48
16.1500	.47	.46	.46	.45	.45
16.4000	.44	.44	.44	.43	.43

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.0800 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX C 10
Tc = .2100 hrs
Drainage Area = 6.840 acres Runoff CN= 81
Calc.Increment= .02800 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.742 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
7.2000	.00	.00	.00	.01	.01
7.4500	.01	.02	.02	.03	.03
7.7000	.04	.04	.04	.05	.05
7.9500	.06	.06	.07	.07	.08
8.2000	.08	.09	.10	.10	.11
8.4500	.12	.13	.14	.14	.15
8.7000	.16	.17	.18	.19	.20
8.9500	.21	.22	.23	.24	.25
9.2000	.27	.28	.29	.30	.32
9.4500	.33	.34	.36	.37	.38
9.7000	.40	.41	.43	.44	.46
9.9500	.47	.49	.51	.52	.54
10.2000	.56	.59	.61	.64	.66
10.4500	.69	.72	.74	.77	.80
10.7000	.83	.86	.89	.92	.96
10.9500	.99	1.02	1.06	1.10	1.16
11.2000	1.23	1.31	1.40	1.49	1.59
11.4500	1.69	1.80	1.95	2.21	2.60
11.7000	3.18	3.92	4.80	5.77	6.84
11.9500	8.36	11.08	14.39	17.28	18.72
12.2000	17.94	15.84	13.58	11.77	10.25
12.4500	8.90	7.60	6.39	5.33	4.51
12.7000	3.91	3.51	3.24	3.03	2.86
12.9500	2.71	2.57	2.44	2.32	2.23
13.2000	2.15	2.10	2.05	2.01	1.98
13.4500	1.94	1.91	1.87	1.84	1.81
13.7000	1.77	1.74	1.70	1.67	1.64
13.9500	1.60	1.57	1.54	1.50	1.48
14.2000	1.45	1.43	1.41	1.40	1.38
14.4500	1.36	1.35	1.33	1.31	1.30

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
14.7000	1.28	1.26	1.25	1.23	1.22
14.9500	1.20	1.18	1.17	1.15	1.13
15.2000	1.12	1.10	1.08	1.07	1.05
15.4500	1.03	1.01	1.00	.98	.96
15.7000	.95	.93	.91	.90	.88
15.9500	.86	.84	.83	.81	.80
16.2000	.79	.78	.77	.76	.75
16.4500	.75	.74	.73	.72	.72
16.7000	.71	.70	.69	.69	.68
16.9500	.67	.66	.66	.65	.64
17.2000	.63	.63	.62	.61	.61
17.4500	.60	.59	.58	.58	.57
17.7000	.56	.55	.55	.54	.53
17.9500	.52	.51	.51	.50	.49
18.2000	.49	.49	.48	.48	.48
18.4500	.48	.47	.47	.47	.47
18.7000	.47	.46	.46	.46	.46
18.9500	.45	.45	.45	.45	.45
19.2000	.44	.44	.44	.44	.43
19.4500	.43	.43	.43	.43	.42
19.7000	.42	.42	.42	.41	.41
19.9500	.41	.41	.41	.40	.40
20.2000	.40	.40	.40	.39	.39
20.4500	.39	.39	.39	.39	.38
20.7000	.38	.38	.38	.38	.38
20.9500	.37	.37	.37	.37	.37
21.2000	.37	.36	.36	.36	.36
21.4500	.36	.36	.35	.35	.35
21.7000	.35	.35	.35	.34	.34
21.9500	.34	.34	.34	.33	.33
22.2000	.33	.33	.33	.33	.32
22.4500	.32	.32	.32	.32	.32
22.7000	.31	.31	.31	.31	.31
22.9500	.31	.30	.30	.30	.30
23.2000	.30	.30	.29	.29	.29
23.4500	.29	.29	.29	.28	.28
23.7000	.28	.28	.28	.28	.27
23.9500	.27	.27	.25	.20	.13
24.2000	.08	.04	.02	.01	.01
24.4500	.00	.00	.00		

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 10

Peak Discharge =	18.72 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	1.742 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
7.2000	.00	.00	.00	.01	.01
7.4500	.01	.02	.02	.03	.03
7.7000	.04	.04	.04	.05	.05
7.9500	.06	.06	.07	.07	.08
8.2000	.08	.09	.10	.10	.11
8.4500	.12	.13	.14	.14	.15
8.7000	.16	.17	.18	.19	.20
8.9500	.21	.22	.23	.24	.25
9.2000	.27	.28	.29	.30	.32
9.4500	.33	.34	.36	.37	.38
9.7000	.40	.41	.43	.44	.46
9.9500	.47	.49	.51	.52	.54
10.2000	.56	.59	.61	.64	.66
10.4500	.69	.72	.74	.77	.80
10.7000	.83	.86	.89	.92	.96
10.9500	.99	1.02	1.06	1.10	1.16
11.2000	1.23	1.31	1.40	1.49	1.59
11.4500	1.69	1.80	1.95	2.21	2.60
11.7000	3.18	3.92	4.80	5.77	6.84
11.9500	8.36	11.08	14.39	17.28	18.72
12.2000	17.94	15.84	13.58	11.77	10.25
12.4500	8.90	7.60	6.39	5.33	4.51
12.7000	3.91	3.51	3.24	3.03	2.86
12.9500	2.71	2.57	2.44	2.32	2.23
13.2000	2.15	2.10	2.05	2.01	1.98
13.4500	1.94	1.91	1.87	1.84	1.81
13.7000	1.77	1.74	1.70	1.67	1.64
13.9500	1.60	1.57	1.54	1.50	1.48
14.2000	1.45	1.43	1.41	1.40	1.38
14.4500	1.36	1.35	1.33	1.31	1.30
14.7000	1.28	1.26	1.25	1.23	1.22

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.4400 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX C 25
Tc = .2100 hrs
Drainage Area = 6.840 acres Runoff CN= 81
Calc.Increment= .02800 hrs Out.Incr.= .0500 hrs
HYG Volume = 2.444 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
6.1500	.00	.00	.00	.01	.01
6.4000	.01	.02	.02	.02	.03
6.6500	.03	.04	.04	.05	.05
6.9000	.06	.06	.07	.07	.08
7.1500	.08	.09	.09	.10	.11
7.4000	.11	.12	.13	.13	.14
7.6500	.15	.15	.16	.17	.17
7.9000	.18	.19	.20	.20	.21
8.1500	.22	.23	.24	.25	.27
8.4000	.28	.29	.30	.32	.33
8.6500	.34	.36	.37	.39	.40
8.9000	.42	.44	.45	.47	.49
9.1500	.50	.52	.54	.56	.58
9.4000	.60	.62	.64	.66	.68
9.6500	.70	.72	.74	.76	.78
9.9000	.80	.83	.85	.87	.90
10.1500	.93	.96	.99	1.03	1.06
10.4000	1.10	1.14	1.18	1.22	1.26
10.6500	1.30	1.35	1.39	1.43	1.48
10.9000	1.52	1.57	1.62	1.67	1.73
11.1500	1.81	1.91	2.03	2.16	2.29
11.4000	2.44	2.58	2.74	2.96	3.33
11.6500	3.90	4.75	5.82	7.08	8.45
11.9000	9.95	12.06	15.82	20.37	24.25
12.1500	26.08	24.84	21.84	18.64	16.09
12.4000	13.97	12.10	10.30	8.66	7.21
12.6500	6.09	5.27	4.73	4.36	4.08
12.9000	3.84	3.64	3.44	3.27	3.11
13.1500	2.99	2.89	2.81	2.75	2.69
13.4000	2.64	2.60	2.55	2.50	2.46

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
13.6500	2.41	2.37	2.32	2.28	2.23
13.9000	2.18	2.14	2.09	2.05	2.01
14.1500	1.97	1.94	1.91	1.88	1.86
14.4000	1.84	1.82	1.79	1.77	1.75
14.6500	1.73	1.70	1.68	1.66	1.64
14.9000	1.62	1.59	1.57	1.55	1.53
15.1500	1.50	1.48	1.46	1.44	1.41
15.4000	1.39	1.37	1.35	1.32	1.30
15.6500	1.28	1.26	1.23	1.21	1.19
15.9000	1.17	1.14	1.12	1.10	1.08
16.1500	1.06	1.05	1.03	1.02	1.01
16.4000	1.00	.99	.98	.97	.96
16.6500	.95	.94	.93	.92	.91
16.9000	.90	.89	.88	.87	.86
17.1500	.85	.84	.83	.82	.81
17.4000	.80	.79	.78	.77	.76
17.6500	.75	.74	.73	.72	.71
17.9000	.70	.69	.68	.67	.66
18.1500	.65	.65	.64	.64	.64
18.4000	.63	.63	.63	.62	.62
18.6500	.62	.62	.61	.61	.61
18.9000	.60	.60	.60	.60	.59
19.1500	.59	.59	.58	.58	.58
19.4000	.57	.57	.57	.57	.56
19.6500	.56	.56	.55	.55	.55
19.9000	.54	.54	.54	.54	.53
20.1500	.53	.53	.53	.52	.52
20.4000	.52	.52	.51	.51	.51
20.6500	.51	.50	.50	.50	.50
20.9000	.50	.49	.49	.49	.49
21.1500	.48	.48	.48	.48	.48
21.4000	.47	.47	.47	.47	.46
21.6500	.46	.46	.46	.45	.45
21.9000	.45	.45	.45	.44	.44
22.1500	.44	.44	.43	.43	.43
22.4000	.43	.43	.42	.42	.42
22.6500	.42	.42	.41	.41	.41
22.9000	.41	.40	.40	.40	.40
23.1500	.39	.39	.39	.39	.38
23.4000	.38	.38	.38	.38	.37
23.6500	.37	.37	.37	.36	.36
23.9000	.36	.36	.35	.33	.27
24.1500	.18	.10	.06	.03	.02
24.4000	.01	.01	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 25

Peak Discharge =	26.08 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	2.444 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
6.1500	.00	.00	.00	.01	.01
6.4000	.01	.02	.02	.02	.03
6.6500	.03	.04	.04	.05	.05
6.9000	.06	.06	.07	.07	.08
7.1500	.08	.09	.09	.10	.11
7.4000	.11	.12	.13	.13	.14
7.6500	.15	.15	.16	.17	.17
7.9000	.18	.19	.20	.20	.21
8.1500	.22	.23	.24	.25	.27
8.4000	.28	.29	.30	.32	.33
8.6500	.34	.36	.37	.39	.40
8.9000	.42	.44	.45	.47	.49
9.1500	.50	.52	.54	.56	.58
9.4000	.60	.62	.64	.66	.68
9.6500	.70	.72	.74	.76	.78
9.9000	.80	.83	.85	.87	.90
10.1500	.93	.96	.99	1.03	1.06
10.4000	1.10	1.14	1.18	1.22	1.26
10.6500	1.30	1.35	1.39	1.43	1.48
10.9000	1.52	1.57	1.62	1.67	1.73
11.1500	1.81	1.91	2.03	2.16	2.29
11.4000	2.44	2.58	2.74	2.96	3.33
11.6500	3.90	4.75	5.82	7.08	8.45
11.9000	9.95	12.06	15.82	20.37	24.25
12.1500	26.08	24.84	21.84	18.64	16.09
12.4000	13.97	12.10	10.30	8.66	7.21
12.6500	6.09	5.27	4.73	4.36	4.08
12.9000	3.84	3.64	3.44	3.27	3.11
13.1500	2.99	2.89	2.81	2.75	2.69
13.4000	2.64	2.60	2.55	2.50	2.46
13.6500	2.41	2.37	2.32	2.28	2.23

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration = 24.0000 hrs Rain Depth = 7.7000 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX C 50
Tc = .2100 hrs
Drainage Area = 6.840 acres Runoff CN= 81
Calc.Increment= .02800 hrs Out.Incr.= .0500 hrs
HYG Volume = 3.112 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
5.4000	.00	.00	.01	.01	.01
5.6500	.02	.02	.02	.03	.03
5.9000	.04	.04	.04	.05	.05
6.1500	.06	.06	.07	.07	.08
6.4000	.08	.09	.10	.10	.11
6.6500	.11	.12	.13	.13	.14
6.9000	.15	.16	.16	.17	.18
7.1500	.19	.19	.20	.21	.22
7.4000	.23	.24	.25	.26	.26
7.6500	.27	.28	.29	.30	.31
7.9000	.32	.33	.34	.35	.37
8.1500	.38	.39	.41	.42	.44
8.4000	.46	.48	.49	.51	.53
8.6500	.55	.57	.59	.61	.63
8.9000	.65	.68	.70	.72	.74
9.1500	.77	.79	.81	.84	.86
9.4000	.89	.91	.94	.97	.99
9.6500	1.02	1.05	1.07	1.10	1.13
9.9000	1.16	1.19	1.21	1.24	1.28
10.1500	1.31	1.35	1.40	1.44	1.49
10.4000	1.54	1.59	1.64	1.70	1.75
10.6500	1.80	1.86	1.91	1.97	2.03
10.9000	2.08	2.14	2.20	2.27	2.35
11.1500	2.45	2.58	2.73	2.90	3.08
11.4000	3.26	3.45	3.65	3.93	4.41
11.6500	5.15	6.26	7.64	9.26	11.01
11.9000	12.90	15.56	20.30	25.98	30.78
12.1500	32.95	31.28	27.42	23.34	20.10
12.4000	17.42	15.05	12.81	10.75	8.94
12.6500	7.54	6.53	5.85	5.39	5.04

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
12.9000	4.75	4.49	4.26	4.04	3.84
13.1500	3.69	3.56	3.47	3.39	3.32
13.4000	3.26	3.20	3.14	3.09	3.03
13.6500	2.97	2.92	2.86	2.80	2.75
13.9000	2.69	2.63	2.58	2.52	2.47
14.1500	2.42	2.38	2.35	2.32	2.29
14.4000	2.26	2.23	2.20	2.18	2.15
14.6500	2.12	2.09	2.07	2.04	2.01
14.9000	1.99	1.96	1.93	1.90	1.87
15.1500	1.85	1.82	1.79	1.76	1.74
15.4000	1.71	1.68	1.65	1.63	1.60
15.6500	1.57	1.54	1.51	1.49	1.46
15.9000	1.43	1.40	1.37	1.35	1.32
16.1500	1.30	1.28	1.26	1.25	1.24
16.4000	1.22	1.21	1.20	1.19	1.18
16.6500	1.16	1.15	1.14	1.13	1.11
16.9000	1.10	1.09	1.08	1.07	1.05
17.1500	1.04	1.03	1.02	1.00	.99
17.4000	.98	.97	.96	.94	.93
17.6500	.92	.91	.90	.88	.87
17.9000	.86	.85	.83	.82	.81
18.1500	.80	.79	.79	.78	.78
18.4000	.78	.77	.77	.76	.76
18.6500	.76	.75	.75	.75	.74
18.9000	.74	.74	.73	.73	.72
19.1500	.72	.72	.71	.71	.71
19.4000	.70	.70	.70	.69	.69
19.6500	.68	.68	.68	.67	.67
19.9000	.67	.66	.66	.65	.65
20.1500	.65	.64	.64	.64	.64
20.4000	.63	.63	.63	.62	.62
20.6500	.62	.62	.61	.61	.61
20.9000	.61	.60	.60	.60	.60
21.1500	.59	.59	.59	.58	.58
21.4000	.58	.58	.57	.57	.57
21.6500	.56	.56	.56	.56	.55
21.9000	.55	.55	.54	.54	.54
22.1500	.54	.53	.53	.53	.52
22.4000	.52	.52	.52	.51	.51
22.6500	.51	.51	.50	.50	.50
22.9000	.49	.49	.49	.49	.48
23.1500	.48	.48	.48	.47	.47
23.4000	.47	.47	.46	.46	.46
23.6500	.45	.45	.45	.45	.44
23.9000	.44	.44	.43	.41	.33

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
24.1500	.22	.12	.07	.04	.02
24.4000	.01	.01	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 50

Peak Discharge =	32.95 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	3.112 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
5.4000	.00	.00	.01	.01	.01
5.6500	.02	.02	.02	.03	.03
5.9000	.04	.04	.04	.05	.05
6.1500	.06	.06	.07	.07	.08
6.4000	.08	.09	.10	.10	.11
6.6500	.11	.12	.13	.13	.14
6.9000	.15	.16	.16	.17	.18
7.1500	.19	.19	.20	.21	.22
7.4000	.23	.24	.25	.26	.26
7.6500	.27	.28	.29	.30	.31
7.9000	.32	.33	.34	.35	.37
8.1500	.38	.39	.41	.42	.44
8.4000	.46	.48	.49	.51	.53
8.6500	.55	.57	.59	.61	.63
8.9000	.65	.68	.70	.72	.74
9.1500	.77	.79	.81	.84	.86
9.4000	.89	.91	.94	.97	.99
9.6500	1.02	1.05	1.07	1.10	1.13
9.9000	1.16	1.19	1.21	1.24	1.28
10.1500	1.31	1.35	1.40	1.44	1.49
10.4000	1.54	1.59	1.64	1.70	1.75
10.6500	1.80	1.86	1.91	1.97	2.03
10.9000	2.08	2.14	2.20	2.27	2.35
11.1500	2.45	2.58	2.73	2.90	3.08
11.4000	3.26	3.45	3.65	3.93	4.41
11.6500	5.15	6.26	7.64	9.26	11.01
11.9000	12.90	15.56	20.30	25.98	30.78
12.1500	32.95	31.28	27.42	23.34	20.10
12.4000	17.42	15.05	12.81	10.75	8.94
12.6500	7.54	6.53	5.85	5.39	5.04
12.9000	4.75	4.49	4.26	4.04	3.84

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 9.2300 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - EX C 100
Tc = .2100 hrs
Drainage Area = 6.840 acres Runoff CN= 81
Calc.Increment= .02800 hrs Out.Incr.= .0500 hrs
HYG Volume = 3.939 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
4.6500	.00	.00	.00	.01	.01
4.9000	.02	.02	.02	.03	.03
5.1500	.04	.05	.05	.06	.06
5.4000	.07	.07	.08	.08	.09
5.6500	.09	.10	.10	.11	.11
5.9000	.12	.13	.13	.14	.14
6.1500	.15	.16	.16	.17	.18
6.4000	.19	.20	.20	.21	.22
6.6500	.23	.24	.25	.26	.27
6.9000	.28	.29	.30	.31	.32
7.1500	.33	.34	.36	.37	.38
7.4000	.39	.40	.42	.43	.44
7.6500	.45	.47	.48	.49	.51
7.9000	.52	.53	.55	.56	.58
8.1500	.59	.61	.63	.66	.68
8.4000	.70	.73	.75	.78	.80
8.6500	.83	.85	.88	.91	.94
8.9000	.96	.99	1.02	1.05	1.08
9.1500	1.11	1.14	1.17	1.21	1.24
9.4000	1.27	1.30	1.34	1.37	1.40
9.6500	1.44	1.47	1.51	1.54	1.58
9.9000	1.61	1.65	1.69	1.72	1.77
10.1500	1.81	1.86	1.92	1.98	2.04
10.4000	2.11	2.17	2.24	2.30	2.37
10.6500	2.44	2.51	2.58	2.65	2.72
10.9000	2.79	2.86	2.94	3.02	3.12
11.1500	3.26	3.42	3.61	3.83	4.06
11.4000	4.29	4.53	4.79	5.14	5.76
11.6500	6.70	8.13	9.89	11.94	14.16
11.9000	16.53	19.85	25.76	32.83	38.72

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
12.1500	41.29	39.08	34.17	29.02	24.95
12.4000	21.58	18.63	15.83	13.27	11.03
12.6500	9.30	8.05	7.21	6.63	6.21
12.9000	5.85	5.53	5.23	4.96	4.73
13.1500	4.53	4.38	4.26	4.16	4.08
13.4000	4.00	3.93	3.86	3.79	3.72
13.6500	3.65	3.58	3.51	3.44	3.37
13.9000	3.30	3.23	3.16	3.09	3.03
14.1500	2.97	2.92	2.88	2.84	2.80
14.4000	2.77	2.73	2.70	2.67	2.63
14.6500	2.60	2.57	2.53	2.50	2.46
14.9000	2.43	2.40	2.36	2.33	2.29
15.1500	2.26	2.23	2.19	2.16	2.12
15.4000	2.09	2.06	2.02	1.99	1.95
15.6500	1.92	1.89	1.85	1.82	1.78
15.9000	1.75	1.71	1.68	1.65	1.62
16.1500	1.59	1.57	1.55	1.53	1.51
16.4000	1.50	1.48	1.47	1.45	1.44
16.6500	1.42	1.41	1.39	1.38	1.36
16.9000	1.35	1.33	1.32	1.30	1.29
17.1500	1.27	1.26	1.24	1.23	1.21
17.4000	1.20	1.18	1.17	1.15	1.14
17.6500	1.12	1.11	1.09	1.08	1.06
17.9000	1.05	1.03	1.02	1.00	.99
18.1500	.98	.97	.96	.96	.95
18.4000	.95	.94	.94	.93	.93
18.6500	.92	.92	.91	.91	.91
18.9000	.90	.90	.89	.89	.88
19.1500	.88	.87	.87	.87	.86
19.4000	.86	.85	.85	.84	.84
19.6500	.83	.83	.83	.82	.82
19.9000	.81	.81	.80	.80	.79
20.1500	.79	.79	.78	.78	.78
20.4000	.77	.77	.77	.76	.76
20.6500	.76	.75	.75	.74	.74
20.9000	.74	.73	.73	.73	.73
21.1500	.72	.72	.71	.71	.71
21.4000	.71	.70	.70	.69	.69
21.6500	.69	.68	.68	.68	.68
21.9000	.67	.67	.66	.66	.66
22.1500	.65	.65	.65	.64	.64
22.4000	.64	.63	.63	.63	.62
22.6500	.62	.62	.61	.61	.61
22.9000	.60	.60	.60	.59	.59
23.1500	.58	.58	.58	.58	.57

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
23.4000	.57	.57	.56	.56	.56
23.6500	.55	.55	.55	.54	.54
23.9000	.53	.53	.53	.50	.40
24.1500	.26	.15	.08	.05	.03
24.4000	.01	.01	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 100

Peak Discharge =	41.29 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	3.939 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
4.6500	.00	.00	.00	.01	.01
4.9000	.02	.02	.02	.03	.03
5.1500	.04	.05	.05	.06	.06
5.4000	.07	.07	.08	.08	.09
5.6500	.09	.10	.10	.11	.11
5.9000	.12	.13	.13	.14	.14
6.1500	.15	.16	.16	.17	.18
6.4000	.19	.20	.20	.21	.22
6.6500	.23	.24	.25	.26	.27
6.9000	.28	.29	.30	.31	.32
7.1500	.33	.34	.36	.37	.38
7.4000	.39	.40	.42	.43	.44
7.6500	.45	.47	.48	.49	.51
7.9000	.52	.53	.55	.56	.58
8.1500	.59	.61	.63	.66	.68
8.4000	.70	.73	.75	.78	.80
8.6500	.83	.85	.88	.91	.94
8.9000	.96	.99	1.02	1.05	1.08
9.1500	1.11	1.14	1.17	1.21	1.24
9.4000	1.27	1.30	1.34	1.37	1.40
9.6500	1.44	1.47	1.51	1.54	1.58
9.9000	1.61	1.65	1.69	1.72	1.77
10.1500	1.81	1.86	1.92	1.98	2.04
10.4000	2.11	2.17	2.24	2.30	2.37
10.6500	2.44	2.51	2.58	2.65	2.72
10.9000	2.79	2.86	2.94	3.02	3.12
11.1500	3.26	3.42	3.61	3.83	4.06
11.4000	4.29	4.53	4.79	5.14	5.76
11.6500	6.70	8.13	9.89	11.94	14.16
11.9000	16.53	19.85	25.76	32.83	38.72
12.1500	41.29	39.08	34.17	29.02	24.95

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
17.4500	.27	.26	.26	.26	.25
17.7000	.25	.25	.24	.24	.24
17.9500	.23	.23	.23	.22	.22
18.2000	.22	.22	.22	.22	.21
18.4500	.21	.21	.21	.21	.21
18.7000	.21	.21	.21	.21	.20
18.9500	.20	.20	.20	.20	.20
19.2000	.20	.20	.20	.20	.19
19.4500	.19	.19	.19	.19	.19
19.7000	.19	.19	.19	.19	.19
19.9500	.18	.18	.18	.18	.18
20.2000	.18	.18	.18	.18	.18
20.4500	.18	.17	.17	.17	.17
20.7000	.17	.17	.17	.17	.17
20.9500	.17	.17	.17	.17	.17
21.2000	.16	.16	.16	.16	.16
21.4500	.16	.16	.16	.16	.16
21.7000	.16	.16	.16	.16	.15
21.9500	.15	.15	.15	.15	.15
22.2000	.15	.15	.15	.15	.15
22.4500	.15	.15	.14	.14	.14
22.7000	.14	.14	.14	.14	.14
22.9500	.14	.14	.14	.14	.14
23.2000	.13	.13	.13	.13	.13
23.4500	.13	.13	.13	.13	.13
23.7000	.13	.13	.13	.12	.12
23.9500	.12	.12	.12	.09	.06
24.2000	.03	.02	.01	.01	.00
24.4500	.00	.00			

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 1

Peak Discharge =	4.97 cfs
Time to Peak =	12.2000 hrs
HYG Volume =	.508 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.9500	.00	.00	.00	.01	.02
11.2000	.03	.04	.05	.06	.08
11.4500	.09	.11	.14	.18	.24
11.7000	.33	.46	.63	.84	1.10
11.9500	1.51	2.22	3.19	4.17	4.86
12.2000	4.97	4.61	4.13	3.70	3.32
12.4500	2.95	2.56	2.19	1.86	1.59
12.7000	1.39	1.25	1.16	1.09	1.03
12.9500	.98	.93	.89	.85	.82
13.2000	.79	.77	.76	.75	.74
13.4500	.72	.71	.70	.69	.68
13.7000	.67	.66	.65	.64	.62
13.9500	.61	.60	.59	.58	.57
14.2000	.56	.55	.55	.54	.53
14.4500	.53	.52	.52	.51	.51
14.7000	.50	.50	.49	.48	.48
14.9500	.47	.47	.46	.45	.45
15.2000	.44	.44	.43	.42	.42
15.4500	.41	.40	.40	.39	.39
15.7000	.38	.37	.37	.36	.35
15.9500	.35	.34	.33	.33	.32
16.2000	.32	.31	.31	.31	.31
16.4500	.30	.30	.30	.29	.29
16.7000	.29	.29	.28	.28	.28
16.9500	.27	.27	.27	.27	.26
17.2000	.26	.26	.25	.25	.25
17.4500	.24	.24	.24	.24	.23
17.7000	.23	.23	.22	.22	.22
17.9500	.22	.21	.21	.21	.20
18.2000	.20	.20	.20	.20	.20
18.4500	.20	.20	.20	.19	.19

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.7000	.19	.19	.19	.19	.19
18.9500	.19	.19	.19	.19	.19
19.2000	.18	.18	.18	.18	.18
19.4500	.18	.18	.18	.18	.18
19.7000	.18	.17	.17	.17	.17
19.9500	.17	.17	.17	.17	.17
20.2000	.17	.17	.17	.17	.16
20.4500	.16	.16	.16	.16	.16
20.7000	.16	.16	.16	.16	.16
20.9500	.16	.16	.16	.16	.15
21.2000	.15	.15	.15	.15	.15
21.4500	.15	.15	.15	.15	.15
21.7000	.15	.15	.15	.15	.14
21.9500	.14	.14	.14	.14	.14
22.2000	.14	.14	.14	.14	.14
22.4500	.14	.14	.14	.13	.13
22.7000	.13	.13	.13	.13	.13
22.9500	.13	.13	.13	.13	.13
23.2000	.13	.13	.12	.12	.12
23.4500	.12	.12	.12	.12	.12
23.7000	.12	.12	.12	.12	.12
23.9500	.12	.11	.11	.09	.06
24.2000	.03	.02	.01	.01	.00
24.4500	.00	.00			

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
16.6500	.42	.42	.41	.41	.41
16.9000	.40	.40	.39	.39	.38
17.1500	.38	.38	.37	.37	.36
17.4000	.36	.35	.35	.34	.34
17.6500	.34	.33	.33	.32	.32
17.9000	.31	.31	.31	.30	.30
18.1500	.29	.29	.29	.29	.29
18.4000	.28	.28	.28	.28	.28
18.6500	.28	.28	.28	.27	.27
18.9000	.27	.27	.27	.27	.27
19.1500	.26	.26	.26	.26	.26
19.4000	.26	.26	.26	.25	.25
19.6500	.25	.25	.25	.25	.25
19.9000	.25	.24	.24	.24	.24
20.1500	.24	.24	.24	.24	.23
20.4000	.23	.23	.23	.23	.23
20.6500	.23	.23	.23	.23	.22
20.9000	.22	.22	.22	.22	.22
21.1500	.22	.22	.22	.22	.21
21.4000	.21	.21	.21	.21	.21
21.6500	.21	.21	.21	.21	.21
21.9000	.20	.20	.20	.20	.20
22.1500	.20	.20	.20	.20	.19
22.4000	.19	.19	.19	.19	.19
22.6500	.19	.19	.19	.19	.18
22.9000	.18	.18	.18	.18	.18
23.1500	.18	.18	.18	.18	.17
23.4000	.17	.17	.17	.17	.17
23.6500	.17	.17	.17	.17	.16
23.9000	.16	.16	.16	.15	.12
24.1500	.08	.05	.03	.01	.01
24.4000	.00	.00	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 2

Peak Discharge =	7.81 cfs
Time to Peak =	12.2000 hrs
HYG Volume =	.771 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.2500	.00	.00	.01	.01	.02
10.5000	.02	.03	.04	.05	.06
10.7500	.07	.08	.09	.10	.11
11.0000	.12	.14	.15	.17	.19
11.2500	.21	.24	.27	.30	.34
11.5000	.38	.43	.50	.62	.80
11.7500	1.04	1.35	1.71	2.15	2.79
12.0000	3.93	5.42	6.86	7.79	7.81
12.2500	7.15	6.32	5.61	4.98	4.39
12.5000	3.80	3.23	2.73	2.32	2.03
12.7500	1.83	1.69	1.58	1.50	1.42
13.0000	1.35	1.28	1.23	1.18	1.14
13.2500	1.11	1.09	1.07	1.05	1.04
13.5000	1.02	1.00	.99	.97	.95
13.7500	.94	.92	.90	.89	.87
14.0000	.85	.84	.82	.81	.79
14.2500	.78	.77	.77	.76	.75
14.5000	.74	.73	.72	.72	.71
14.7500	.70	.69	.68	.67	.66
15.0000	.66	.65	.64	.63	.62
15.2500	.61	.60	.59	.59	.58
15.5000	.57	.56	.55	.54	.53
15.7500	.52	.51	.50	.49	.49
16.0000	.48	.47	.46	.45	.45
16.2500	.44	.43	.43	.43	.42
16.5000	.42	.41	.41	.41	.40
16.7500	.40	.39	.39	.39	.38
17.0000	.38	.37	.37	.37	.36
17.2500	.36	.35	.35	.35	.34
17.5000	.34	.33	.33	.32	.32
17.7500	.32	.31	.31	.30	.30

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.0000	.29	.29	.29	.28	.28
18.2500	.28	.28	.28	.28	.27
18.5000	.27	.27	.27	.27	.27
18.7500	.27	.27	.26	.26	.26
19.0000	.26	.26	.26	.26	.26
19.2500	.25	.25	.25	.25	.25
19.5000	.25	.25	.25	.24	.24
19.7500	.24	.24	.24	.24	.24
20.0000	.24	.23	.23	.23	.23
20.2500	.23	.23	.23	.23	.23
20.5000	.23	.22	.22	.22	.22
20.7500	.22	.22	.22	.22	.22
21.0000	.22	.22	.21	.21	.21
21.2500	.21	.21	.21	.21	.21
21.5000	.21	.21	.20	.20	.20
21.7500	.20	.20	.20	.20	.20
22.0000	.20	.20	.20	.19	.19
22.2500	.19	.19	.19	.19	.19
22.5000	.19	.19	.19	.19	.18
22.7500	.18	.18	.18	.18	.18
23.0000	.18	.18	.18	.17	.17
23.2500	.17	.17	.17	.17	.17
23.5000	.17	.17	.17	.17	.16
23.7500	.16	.16	.16	.16	.16
24.0000	.16	.15	.12	.08	.05
24.2500	.03	.02	.01	.00	.00
24.5000	.00				

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
14.9500	1.20	1.18	1.17	1.15	1.13
15.2000	1.12	1.10	1.08	1.07	1.05
15.4500	1.03	1.01	1.00	.98	.96
15.7000	.95	.93	.91	.90	.88
15.9500	.86	.84	.83	.81	.80
16.2000	.79	.78	.77	.76	.75
16.4500	.75	.74	.73	.72	.72
16.7000	.71	.70	.69	.69	.68
16.9500	.67	.66	.66	.65	.64
17.2000	.63	.63	.62	.61	.61
17.4500	.60	.59	.58	.58	.57
17.7000	.56	.55	.55	.54	.53
17.9500	.52	.51	.51	.50	.49
18.2000	.49	.49	.48	.48	.48
18.4500	.48	.47	.47	.47	.47
18.7000	.47	.46	.46	.46	.46
18.9500	.45	.45	.45	.45	.45
19.2000	.44	.44	.44	.44	.43
19.4500	.43	.43	.43	.43	.42
19.7000	.42	.42	.42	.41	.41
19.9500	.41	.41	.41	.40	.40
20.2000	.40	.40	.40	.39	.39
20.4500	.39	.39	.39	.39	.38
20.7000	.38	.38	.38	.38	.38
20.9500	.37	.37	.37	.37	.37
21.2000	.37	.36	.36	.36	.36
21.4500	.36	.36	.35	.35	.35
21.7000	.35	.35	.35	.34	.34
21.9500	.34	.34	.34	.33	.33
22.2000	.33	.33	.33	.33	.32
22.4500	.32	.32	.32	.32	.32
22.7000	.31	.31	.31	.31	.31
22.9500	.31	.30	.30	.30	.30
23.2000	.30	.30	.29	.29	.29
23.4500	.29	.29	.29	.28	.28
23.7000	.28	.28	.28	.28	.27
23.9500	.27	.27	.25	.20	.13
24.2000	.08	.04	.02	.01	.01
24.4500	.00	.00	.00		

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 10

Peak Discharge =	17.02 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	1.611 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.6500	.00	.00	.00	.01	.01
8.9000	.02	.02	.03	.04	.04
9.1500	.05	.06	.07	.07	.08
9.4000	.09	.10	.11	.13	.14
9.6500	.15	.16	.17	.18	.20
9.9000	.21	.22	.24	.25	.26
10.1500	.28	.30	.32	.34	.36
10.4000	.38	.40	.42	.44	.47
10.6500	.49	.52	.55	.57	.60
10.9000	.63	.66	.69	.72	.76
11.1500	.81	.86	.93	1.00	1.08
11.4000	1.16	1.25	1.34	1.47	1.68
11.6500	2.00	2.48	3.10	3.85	4.70
11.9000	5.68	7.08	9.53	12.64	15.43
12.1500	17.02	16.68	14.99	13.03	11.41
12.4000	10.01	8.74	7.50	6.35	5.33
12.6500	4.52	3.92	3.52	3.24	3.04
12.9000	2.86	2.71	2.57	2.44	2.33
13.1500	2.24	2.16	2.11	2.06	2.02
13.4000	1.99	1.95	1.92	1.89	1.85
13.6500	1.82	1.79	1.76	1.72	1.69
13.9000	1.66	1.62	1.59	1.56	1.53
14.1500	1.50	1.47	1.45	1.44	1.42
14.4000	1.40	1.39	1.37	1.35	1.34
14.6500	1.32	1.31	1.29	1.27	1.26
14.9000	1.24	1.22	1.21	1.19	1.17
15.1500	1.16	1.14	1.12	1.11	1.09
15.4000	1.07	1.06	1.04	1.02	1.01
15.6500	.99	.97	.95	.94	.92
15.9000	.90	.88	.87	.85	.84
16.1500	.82	.81	.80	.79	.78

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
16.4000	.78	.77	.76	.75	.74
16.6500	.74	.73	.72	.71	.71
16.9000	.70	.69	.68	.68	.67
17.1500	.66	.65	.65	.64	.63
17.4000	.62	.62	.61	.60	.59
17.6500	.59	.58	.57	.56	.55
17.9000	.55	.54	.53	.52	.52
18.1500	.51	.51	.50	.50	.50
18.4000	.50	.49	.49	.49	.49
18.6500	.48	.48	.48	.48	.48
18.9000	.47	.47	.47	.47	.46
19.1500	.46	.46	.46	.45	.45
19.4000	.45	.45	.45	.44	.44
19.6500	.44	.44	.43	.43	.43
19.9000	.43	.43	.42	.42	.42
20.1500	.42	.41	.41	.41	.41
20.4000	.41	.41	.40	.40	.40
20.6500	.40	.40	.39	.39	.39
20.9000	.39	.39	.39	.39	.38
21.1500	.38	.38	.38	.38	.37
21.4000	.37	.37	.37	.37	.37
21.6500	.36	.36	.36	.36	.36
21.9000	.36	.35	.35	.35	.35
22.1500	.35	.35	.34	.34	.34
22.4000	.34	.34	.33	.33	.33
22.6500	.33	.33	.33	.32	.32
22.9000	.32	.32	.32	.32	.31
23.1500	.31	.31	.31	.31	.30
23.4000	.30	.30	.30	.30	.30
23.6500	.29	.29	.29	.29	.29
23.9000	.28	.28	.28	.27	.21
24.1500	.14	.08	.05	.03	.01
24.4000	.01	.00	.00	.00	

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
13.9000	2.18	2.14	2.09	2.05	2.01
14.1500	1.97	1.94	1.91	1.88	1.86
14.4000	1.84	1.82	1.79	1.77	1.75
14.6500	1.73	1.70	1.68	1.66	1.64
14.9000	1.62	1.59	1.57	1.55	1.53
15.1500	1.50	1.48	1.46	1.44	1.41
15.4000	1.39	1.37	1.35	1.32	1.30
15.6500	1.28	1.26	1.23	1.21	1.19
15.9000	1.17	1.14	1.12	1.10	1.08
16.1500	1.06	1.05	1.03	1.02	1.01
16.4000	1.00	.99	.98	.97	.96
16.6500	.95	.94	.93	.92	.91
16.9000	.90	.89	.88	.87	.86
17.1500	.85	.84	.83	.82	.81
17.4000	.80	.79	.78	.77	.76
17.6500	.75	.74	.73	.72	.71
17.9000	.70	.69	.68	.67	.66
18.1500	.65	.65	.64	.64	.64
18.4000	.63	.63	.63	.62	.62
18.6500	.62	.62	.61	.61	.61
18.9000	.60	.60	.60	.60	.59
19.1500	.59	.59	.58	.58	.58
19.4000	.57	.57	.57	.57	.56
19.6500	.56	.56	.55	.55	.55
19.9000	.54	.54	.54	.54	.53
20.1500	.53	.53	.53	.52	.52
20.4000	.52	.52	.51	.51	.51
20.6500	.51	.50	.50	.50	.50
20.9000	.50	.49	.49	.49	.49
21.1500	.48	.48	.48	.48	.48
21.4000	.47	.47	.47	.47	.46
21.6500	.46	.46	.46	.45	.45
21.9000	.45	.45	.45	.44	.44
22.1500	.44	.44	.43	.43	.43
22.4000	.43	.43	.42	.42	.42
22.6500	.42	.42	.41	.41	.41
22.9000	.41	.40	.40	.40	.40
23.1500	.39	.39	.39	.39	.38
23.4000	.38	.38	.38	.38	.37
23.6500	.37	.37	.37	.36	.36
23.9000	.36	.36	.35	.33	.27
24.1500	.18	.10	.06	.03	.02
24.4000	.01	.01	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 25

Peak Discharge =	24.98 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	2.353 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
7.6500	.00	.00	.00	.01	.01
7.9000	.02	.02	.03	.03	.04
8.1500	.04	.05	.05	.06	.07
8.4000	.08	.09	.09	.10	.11
8.6500	.12	.14	.15	.16	.17
8.9000	.18	.20	.21	.22	.24
9.1500	.25	.27	.28	.30	.31
9.4000	.33	.35	.36	.38	.40
9.6500	.42	.43	.45	.47	.49
9.9000	.51	.53	.55	.58	.60
10.1500	.62	.65	.68	.71	.74
10.4000	.78	.81	.85	.89	.92
10.6500	.96	1.00	1.04	1.08	1.12
10.9000	1.17	1.21	1.26	1.31	1.36
11.1500	1.44	1.52	1.63	1.74	1.87
11.4000	2.00	2.13	2.27	2.47	2.79
11.6500	3.30	4.06	5.02	6.17	7.46
11.9000	8.89	10.96	14.53	19.00	22.90
12.1500	24.98	24.27	21.66	18.71	16.29
12.4000	14.22	12.37	10.59	8.94	7.49
12.6500	6.33	5.49	4.92	4.53	4.23
12.9000	3.99	3.77	3.58	3.40	3.24
13.1500	3.10	3.00	2.92	2.86	2.80
13.4000	2.75	2.70	2.66	2.61	2.56
13.6500	2.52	2.47	2.42	2.38	2.33
13.9000	2.28	2.24	2.19	2.14	2.10
14.1500	2.06	2.03	2.00	1.97	1.95
14.4000	1.93	1.90	1.88	1.86	1.84
14.6500	1.81	1.79	1.77	1.75	1.72
14.9000	1.70	1.68	1.65	1.63	1.61
15.1500	1.58	1.56	1.54	1.51	1.49

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
15.4000	1.47	1.44	1.42	1.40	1.37
15.6500	1.35	1.33	1.30	1.28	1.26
15.9000	1.23	1.21	1.18	1.16	1.14
16.1500	1.12	1.11	1.09	1.08	1.07
16.4000	1.06	1.05	1.04	1.03	1.02
16.6500	1.00	.99	.98	.97	.96
16.9000	.95	.94	.93	.92	.91
17.1500	.90	.89	.88	.87	.86
17.4000	.85	.84	.83	.82	.81
17.6500	.80	.79	.78	.77	.75
17.9000	.74	.73	.72	.71	.70
18.1500	.69	.69	.68	.68	.68
18.4000	.67	.67	.67	.66	.66
18.6500	.66	.65	.65	.65	.65
18.9000	.64	.64	.64	.63	.63
19.1500	.63	.62	.62	.62	.61
19.4000	.61	.61	.60	.60	.60
19.6500	.60	.59	.59	.59	.58
19.9000	.58	.58	.57	.57	.57
20.1500	.56	.56	.56	.56	.55
20.4000	.55	.55	.55	.54	.54
20.6500	.54	.54	.53	.53	.53
20.9000	.53	.53	.52	.52	.52
21.1500	.52	.51	.51	.51	.51
21.4000	.50	.50	.50	.50	.49
21.6500	.49	.49	.49	.49	.48
21.9000	.48	.48	.48	.47	.47
22.1500	.47	.47	.46	.46	.46
22.4000	.46	.45	.45	.45	.45
22.6500	.45	.44	.44	.44	.44
22.9000	.43	.43	.43	.43	.42
23.1500	.42	.42	.42	.41	.41
23.4000	.41	.41	.40	.40	.40
23.6500	.40	.39	.39	.39	.39
23.9000	.38	.38	.38	.36	.29
24.1500	.19	.11	.06	.04	.02
24.4000	.01	.01	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
13.1500	3.69	3.56	3.47	3.39	3.32
13.4000	3.26	3.20	3.14	3.09	3.03
13.6500	2.97	2.92	2.86	2.80	2.75
13.9000	2.69	2.63	2.58	2.52	2.47
14.1500	2.42	2.38	2.35	2.32	2.29
14.4000	2.26	2.23	2.20	2.18	2.15
14.6500	2.12	2.09	2.07	2.04	2.01
14.9000	1.99	1.96	1.93	1.90	1.87
15.1500	1.85	1.82	1.79	1.76	1.74
15.4000	1.71	1.68	1.65	1.63	1.60
15.6500	1.57	1.54	1.51	1.49	1.46
15.9000	1.43	1.40	1.37	1.35	1.32
16.1500	1.30	1.28	1.26	1.25	1.24
16.4000	1.22	1.21	1.20	1.19	1.18
16.6500	1.16	1.15	1.14	1.13	1.11
16.9000	1.10	1.09	1.08	1.07	1.05
17.1500	1.04	1.03	1.02	1.00	.99
17.4000	.98	.97	.96	.94	.93
17.6500	.92	.91	.90	.88	.87
17.9000	.86	.85	.83	.82	.81
18.1500	.80	.79	.79	.78	.78
18.4000	.78	.77	.77	.76	.76
18.6500	.76	.75	.75	.75	.74
18.9000	.74	.74	.73	.73	.72
19.1500	.72	.72	.71	.71	.71
19.4000	.70	.70	.70	.69	.69
19.6500	.68	.68	.68	.67	.67
19.9000	.67	.66	.66	.65	.65
20.1500	.65	.64	.64	.64	.64
20.4000	.63	.63	.63	.62	.62
20.6500	.62	.62	.61	.61	.61
20.9000	.61	.60	.60	.60	.60
21.1500	.59	.59	.59	.58	.58
21.4000	.58	.58	.57	.57	.57
21.6500	.56	.56	.56	.56	.55
21.9000	.55	.55	.54	.54	.54
22.1500	.54	.53	.53	.53	.52
22.4000	.52	.52	.52	.51	.51
22.6500	.51	.51	.50	.50	.50
22.9000	.49	.49	.49	.49	.48
23.1500	.48	.48	.48	.47	.47
23.4000	.47	.47	.46	.46	.46
23.6500	.45	.45	.45	.45	.44
23.9000	.44	.44	.43	.41	.33
24.1500	.22	.12	.07	.04	.02

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
24.4000	.01	.01	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 50

Peak Discharge	32.58 cfs
Time to Peak	12.1500 hrs
HYG Volume	3.073 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
6.9000	.00	.00	.00	.01	.01
7.1500	.02	.02	.03	.03	.04
7.4000	.05	.05	.06	.06	.07
7.6500	.08	.09	.09	.10	.11
7.9000	.12	.13	.14	.14	.15
8.1500	.16	.17	.19	.20	.21
8.4000	.22	.24	.25	.27	.28
8.6500	.30	.31	.33	.35	.37
8.9000	.38	.40	.42	.44	.46
9.1500	.48	.50	.52	.55	.57
9.4000	.59	.61	.64	.66	.69
9.6500	.71	.74	.76	.79	.82
9.9000	.84	.87	.90	.93	.96
10.1500	.99	1.03	1.07	1.11	1.16
10.4000	1.20	1.25	1.30	1.35	1.40
10.6500	1.45	1.50	1.56	1.61	1.67
10.9000	1.73	1.78	1.84	1.91	1.99
11.1500	2.08	2.20	2.34	2.50	2.67
11.4000	2.84	3.02	3.21	3.47	3.92
11.6500	4.60	5.64	6.93	8.47	10.17
11.9000	12.05	14.74	19.38	25.13	30.06
12.1500	32.58	31.49	27.97	24.08	20.89
12.4000	18.19	15.79	13.48	11.36	9.50
12.6500	8.03	6.95	6.23	5.72	5.35
12.9000	5.04	4.76	4.51	4.28	4.08
13.1500	3.91	3.78	3.68	3.60	3.53
13.4000	3.46	3.40	3.34	3.28	3.22
13.6500	3.16	3.10	3.04	2.98	2.93
13.9000	2.87	2.81	2.75	2.69	2.63
14.1500	2.59	2.54	2.51	2.47	2.44
14.4000	2.41	2.39	2.36	2.33	2.30

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
14.6500	2.27	2.24	2.21	2.18	2.16
14.9000	2.13	2.10	2.07	2.04	2.01
15.1500	1.98	1.95	1.92	1.89	1.86
15.4000	1.83	1.80	1.77	1.75	1.72
15.6500	1.69	1.66	1.63	1.60	1.57
15.9000	1.54	1.51	1.48	1.45	1.42
16.1500	1.40	1.38	1.36	1.35	1.33
16.4000	1.32	1.30	1.29	1.28	1.27
16.6500	1.25	1.24	1.23	1.21	1.20
16.9000	1.19	1.17	1.16	1.15	1.14
17.1500	1.12	1.11	1.10	1.08	1.07
17.4000	1.06	1.04	1.03	1.02	1.00
17.6500	.99	.98	.97	.95	.94
17.9000	.93	.91	.90	.89	.87
18.1500	.86	.86	.85	.85	.84
18.4000	.84	.83	.83	.83	.82
18.6500	.82	.81	.81	.81	.80
18.9000	.80	.79	.79	.79	.78
19.1500	.78	.77	.77	.77	.76
19.4000	.76	.76	.75	.75	.74
19.6500	.74	.74	.73	.73	.72
19.9000	.72	.72	.71	.71	.70
20.1500	.70	.70	.69	.69	.69
20.4000	.69	.68	.68	.68	.67
20.6500	.67	.67	.66	.66	.66
20.9000	.66	.65	.65	.65	.64
21.1500	.64	.64	.63	.63	.63
21.4000	.63	.62	.62	.62	.61
21.6500	.61	.61	.60	.60	.60
21.9000	.60	.59	.59	.59	.58
22.1500	.58	.58	.58	.57	.57
22.4000	.57	.56	.56	.56	.55
22.6500	.55	.55	.55	.54	.54
22.9000	.54	.53	.53	.53	.52
23.1500	.52	.52	.52	.51	.51
23.4000	.51	.50	.50	.50	.49
23.6500	.49	.49	.49	.48	.48
23.9000	.48	.47	.47	.44	.36
24.1500	.24	.14	.08	.04	.02
24.4000	.01	.01	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
12.4000	21.58	18.63	15.83	13.27	11.03
12.6500	9.30	8.05	7.21	6.63	6.21
12.9000	5.85	5.53	5.23	4.96	4.73
13.1500	4.53	4.38	4.26	4.16	4.08
13.4000	4.00	3.93	3.86	3.79	3.72
13.6500	3.65	3.58	3.51	3.44	3.37
13.9000	3.30	3.23	3.16	3.09	3.03
14.1500	2.97	2.92	2.88	2.84	2.80
14.4000	2.77	2.73	2.70	2.67	2.63
14.6500	2.60	2.57	2.53	2.50	2.46
14.9000	2.43	2.40	2.36	2.33	2.29
15.1500	2.26	2.23	2.19	2.16	2.12
15.4000	2.09	2.06	2.02	1.99	1.95
15.6500	1.92	1.89	1.85	1.82	1.78
15.9000	1.75	1.71	1.68	1.65	1.62
16.1500	1.59	1.57	1.55	1.53	1.51
16.4000	1.50	1.48	1.47	1.45	1.44
16.6500	1.42	1.41	1.39	1.38	1.36
16.9000	1.35	1.33	1.32	1.30	1.29
17.1500	1.27	1.26	1.24	1.23	1.21
17.4000	1.20	1.18	1.17	1.15	1.14
17.6500	1.12	1.11	1.09	1.08	1.06
17.9000	1.05	1.03	1.02	1.00	.99
18.1500	.98	.97	.96	.96	.95
18.4000	.95	.94	.94	.93	.93
18.6500	.92	.92	.91	.91	.91
18.9000	.90	.90	.89	.89	.88
19.1500	.88	.87	.87	.87	.86
19.4000	.86	.85	.85	.84	.84
19.6500	.83	.83	.83	.82	.82
19.9000	.81	.81	.80	.80	.79
20.1500	.79	.79	.78	.78	.78
20.4000	.77	.77	.77	.76	.76
20.6500	.76	.75	.75	.74	.74
20.9000	.74	.73	.73	.73	.73
21.1500	.72	.72	.71	.71	.71
21.4000	.71	.70	.70	.69	.69
21.6500	.69	.68	.68	.68	.68
21.9000	.67	.67	.66	.66	.66
22.1500	.65	.65	.65	.64	.64
22.4000	.64	.63	.63	.63	.62
22.6500	.62	.62	.61	.61	.61
22.9000	.60	.60	.60	.59	.59
23.1500	.58	.58	.58	.58	.57
23.4000	.57	.57	.56	.56	.56

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
23.6500	.55	.55	.55	.54	.54
23.9000	.53	.53	.53	.50	.40
24.1500	.26	.15	.08	.05	.03
24.4000	.01	.01	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 100

Peak Discharge =	41.95 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	3.976 ac-ft

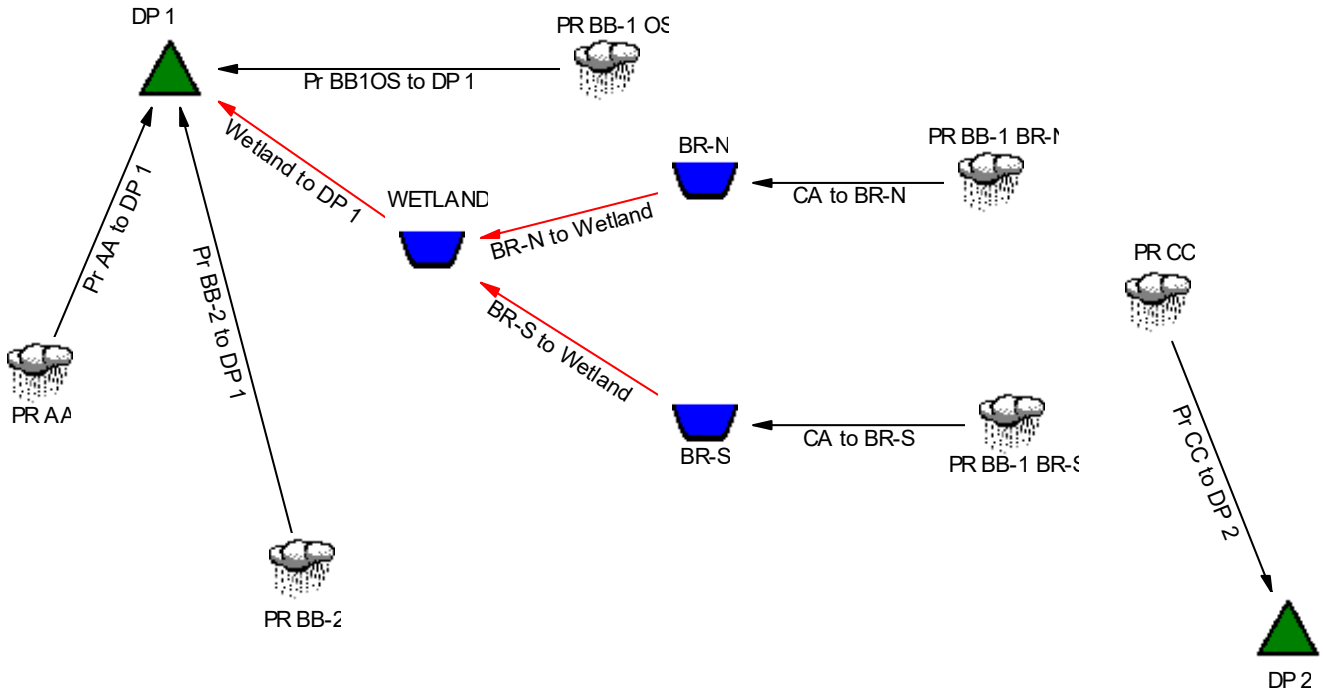
HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
6.1000	.00	.00	.00	.01	.01
6.3500	.02	.02	.03	.03	.04
6.6000	.04	.05	.05	.06	.07
6.8500	.07	.08	.09	.10	.11
7.1000	.12	.12	.13	.14	.15
7.3500	.16	.17	.18	.19	.20
7.6000	.21	.23	.24	.25	.26
7.8500	.27	.28	.30	.31	.32
8.1000	.33	.35	.37	.38	.40
8.3500	.42	.44	.46	.48	.50
8.6000	.52	.55	.57	.59	.62
8.8500	.64	.67	.69	.72	.75
9.1000	.78	.80	.83	.86	.89
9.3500	.92	.95	.98	1.02	1.05
9.6000	1.08	1.11	1.15	1.18	1.22
9.8500	1.25	1.29	1.33	1.36	1.40
10.1000	1.44	1.49	1.54	1.59	1.65
10.3500	1.71	1.77	1.83	1.90	1.96
10.6000	2.03	2.10	2.17	2.24	2.31
10.8500	2.38	2.46	2.53	2.61	2.69
11.1000	2.79	2.92	3.08	3.27	3.48
11.3500	3.70	3.93	4.17	4.42	4.76
11.6000	5.35	6.26	7.64	9.36	11.38
11.8500	13.59	16.03	19.47	25.42	32.74
12.1000	38.91	41.95	40.36	35.72	30.65
12.3500	26.51	23.03	19.95	17.00	14.31
12.6000	11.96	10.09	8.73	7.81	7.18
12.8500	6.70	6.31	5.97	5.65	5.36
13.1000	5.10	4.89	4.72	4.60	4.49
13.3500	4.40	4.32	4.24	4.17	4.09
13.6000	4.02	3.94	3.87	3.80	3.72

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
13.8500	3.65	3.57	3.50	3.42	3.35
14.1000	3.28	3.22	3.17	3.12	3.08
14.3500	3.04	3.00	2.97	2.93	2.89
14.6000	2.86	2.82	2.79	2.75	2.71
14.8500	2.68	2.64	2.61	2.57	2.53
15.1000	2.50	2.46	2.42	2.39	2.35
15.3500	2.31	2.28	2.24	2.20	2.17
15.6000	2.13	2.09	2.05	2.02	1.98
15.8500	1.94	1.91	1.87	1.83	1.80
16.1000	1.76	1.73	1.71	1.69	1.67
16.3500	1.65	1.63	1.62	1.60	1.58
16.6000	1.57	1.55	1.53	1.52	1.50
16.8500	1.49	1.47	1.46	1.44	1.42
17.1000	1.41	1.39	1.37	1.36	1.34
17.3500	1.33	1.31	1.29	1.28	1.26
17.6000	1.24	1.23	1.21	1.19	1.18
17.8500	1.16	1.15	1.13	1.11	1.10
18.1000	1.08	1.07	1.06	1.05	1.05
18.3500	1.04	1.04	1.03	1.03	1.02
18.6000	1.02	1.01	1.01	1.00	1.00
18.8500	.99	.99	.98	.98	.97
19.1000	.97	.96	.96	.95	.95
19.3500	.94	.94	.93	.93	.92
19.6000	.92	.91	.91	.90	.90
19.8500	.89	.89	.88	.88	.87
20.1000	.87	.87	.86	.86	.86
20.3500	.85	.85	.84	.84	.84
20.6000	.83	.83	.82	.82	.82
20.8500	.81	.81	.81	.80	.80
21.1000	.80	.79	.79	.78	.78
21.3500	.78	.77	.77	.77	.76
21.6000	.76	.75	.75	.75	.74
21.8500	.74	.74	.73	.73	.72
22.1000	.72	.72	.71	.71	.71
22.3500	.70	.70	.70	.69	.69
22.6000	.68	.68	.68	.67	.67
22.8500	.67	.66	.66	.66	.65
23.1000	.65	.64	.64	.64	.63
23.3500	.63	.63	.62	.62	.61
23.6000	.61	.61	.60	.60	.60
23.8500	.59	.59	.58	.58	.55
24.1000	.44	.30	.17	.10	.05
24.3500	.03	.02	.01	.00	.00
24.6000	.00	.00			

Index of Starting Page Numbers for ID Names


DP 1
PR BB-1 OS
Pr BB1OS to DP 1
Wetland to DP 1
BR-N
PR BB-1 BR-N
CA to BR-N
WETLAND
BR-N to Wetland
Pr AA to DP 1
Pr BB-2 to DP 1
BR-S to Wetland
PR CC
PR AA
BR-S
CA to BR-S
PR BB-1 BR-S
Pr CC to DP 2
PR BB-2
DP 2

==========
JOB TITLE
==========

Project Date: 9/13/2018
Project Engineer: malfaro
Project Title: Cortlandt Pitch Proposed Conditions
Project Comments:
Proposed Conditions

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MASTER DESIGN STORM SUMMARY

Network Storm Collection: Cortlandt

Return Event	Total Depth in	Rainfall Type	RNF ID
1	2.7500	Synthetic Curve	TypeIII 24hr
2	3.3700	Synthetic Curve	TypeIII 24hr
10	5.0800	Synthetic Curve	TypeIII 24hr
25	6.4400	Synthetic Curve	TypeIII 24hr
50	7.7000	Synthetic Curve	TypeIII 24hr
100	9.2300	Synthetic Curve	TypeIII 24hr

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
BR-N	IN	POND	1	.359	12.1000	4.01		
BR-N	IN	POND	2	.451	12.1000	4.97		
BR-N	IN	POND	10	.704	12.1000	7.58		
BR-N	IN	POND	25	.906	12.1000	9.65		
BR-N	IN	POND	50	1.094	12.1000	11.56		
BR-N	IN	POND	100	1.321	12.1000	13.88		
BR-N	OUT	POND	1	.146	12.8000	.46	398.44	.236
BR-N	OUT	POND	2	.237	12.4000	1.44	398.57	.262
BR-N	OUT	POND	10	.491	12.2000	4.32	398.87	.327
BR-N	OUT	POND	25	.693	12.2000	5.14	399.09	.378
BR-N	OUT	POND	50	.881	12.2500	5.71	399.27	.421
BR-N	OUT	POND	100	1.108	12.2500	6.31	399.48	.475

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
BR-S	IN POND	1	.275		12.1000	3.32		
BR-S	IN POND	2	.359		12.1000	4.27		
BR-S	IN POND	10	.595		12.1000	6.86		
BR-S	IN POND	25	.785		12.1000	8.89		
BR-S	IN POND	50	.963		12.1000	10.76		
BR-S	IN POND	100	1.179		12.1000	13.02		
BR-S	OUT POND	1	.119		12.9000	.35	398.93	.170
BR-S	OUT POND	2	.203		12.4000	1.31	399.05	.190
BR-S	OUT POND	10	.439		12.2000	4.35	399.38	.241
BR-S	OUT POND	25	.629		12.2000	5.25	399.62	.283
BR-S	OUT POND	50	.807		12.2000	5.88	399.83	.319
BR-S	OUT POND	100	1.024		12.2500	6.59	400.08	.365
*DP 1	JCT	1	.691		12.1500	4.69		
*DP 1	JCT	2	1.073		12.1500	7.09		
*DP 1	JCT	10	2.209		12.1500	15.73		
*DP 1	JCT	25	3.164		12.1500	24.31		
*DP 1	JCT	50	4.071		12.1500	31.93		
*DP 1	JCT	100	5.191		12.1000	40.67		
*DP 2	JCT	1	.325		12.1500	3.36		
*DP 2	JCT	2	.502		12.1500	5.46		
*DP 2	JCT	10	1.076		12.1500	12.16		
*DP 2	JCT	25	1.587		12.1500	17.97		
*DP 2	JCT	50	2.086		12.1500	23.54		
*DP 2	JCT	100	2.714		12.1500	30.40		
PR AA	AREA	1	.066		12.1500	.66		
PR AA	AREA	2	.099		12.1500	1.04		
PR AA	AREA	10	.206		12.1500	2.23		
PR AA	AREA	25	.300		12.1500	3.26		
PR AA	AREA	50	.391		12.1500	4.23		
PR AA	AREA	100	.505		12.1500	5.43		

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
PR BB-1 BR-N	AREA	1	.359		12.1000	4.01		
PR BB-1 BR-N	AREA	2	.451		12.1000	4.97		
PR BB-1 BR-N	AREA	10	.704		12.1000	7.58		
PR BB-1 BR-N	AREA	25	.906		12.1000	9.65		
PR BB-1 BR-N	AREA	50	1.094		12.1000	11.56		
PR BB-1 BR-N	AREA	100	1.321		12.1000	13.88		
PR BB-1 BR-S	AREA	1	.275		12.1000	3.32		
PR BB-1 BR-S	AREA	2	.359		12.1000	4.27		
PR BB-1 BR-S	AREA	10	.595		12.1000	6.86		
PR BB-1 BR-S	AREA	25	.785		12.1000	8.89		
PR BB-1 BR-S	AREA	50	.963		12.1000	10.76		
PR BB-1 BR-S	AREA	100	1.179		12.1000	13.02		
PR BB-1 OS	AREA	1	.147		12.1000	1.70		
PR BB-1 OS	AREA	2	.223		12.1000	2.67		
PR BB-1 OS	AREA	10	.462		12.1000	5.66		
PR BB-1 OS	AREA	25	.673		12.1000	8.21		
PR BB-1 OS	AREA	50	.877		12.1000	10.63		
PR BB-1 OS	AREA	100	1.133		12.1000	13.61		
PR BB-2	AREA	1	.216		12.1500	2.41		
PR BB-2	AREA	2	.313		12.1500	3.55		
PR BB-2	AREA	10	.613		12.1500	6.96		
PR BB-2	AREA	25	.871		12.1500	9.79		
PR BB-2	AREA	50	1.117		12.1500	12.44		
PR BB-2	AREA	100	1.423		12.1500	15.67		
PR CC	AREA	1	.325		12.1500	3.36		
PR CC	AREA	2	.502		12.1500	5.46		
PR CC	AREA	10	1.076		12.1500	12.16		
PR CC	AREA	25	1.587		12.1500	17.97		
PR CC	AREA	50	2.086		12.1500	23.54		
PR CC	AREA	100	2.714		12.1500	30.40		

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
WETLAND	IN POND	1	.265		12.8500	.81		
WETLAND	IN POND	2	.440		12.4000	2.76		
WETLAND	IN POND	10	.930		12.2000	8.67		
WETLAND	IN POND	25	1.323		12.2000	10.38		
WETLAND	IN POND	50	1.688		12.2500	11.59		
WETLAND	IN POND	100	2.132		12.2500	12.90		
WETLAND	OUT POND	1	.263		14.1500	.51	395.62	.056
WETLAND	OUT POND	2	.438		13.0500	1.30	395.86	.097
WETLAND	OUT POND	10	.928		12.5500	5.06	396.54	.231
WETLAND	OUT POND	25	1.321		12.6000	7.73	396.93	.314
WETLAND	OUT POND	50	1.686		12.6500	9.16	397.16	.364
WETLAND	OUT POND	100	2.130		12.7000	10.39	397.39	.417

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 2.7500 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID		Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
BR-N	IN	POND	.359		12.1000	4.01	
BR-N	OUT	POND	.146		12.8000	.46	398.44
BR-S	IN	POND	.275		12.1000	3.32	
BR-S	OUT	POND	.119		12.9000	.35	398.93
Outfall DP 1		JCT	.691		12.1500	4.69	
Outfall DP 2		JCT	.325		12.1500	3.36	
PR AA		AREA	.066		12.1500	.66	
PR BB-1 BR-N		AREA	.359		12.1000	4.01	
PR BB-1 BR-S		AREA	.275		12.1000	3.32	
PR BB-1 OS		AREA	.147		12.1000	1.70	
PR BB-2		AREA	.216		12.1500	2.41	
PR CC		AREA	.325		12.1500	3.36	
WETLAND	IN	POND	.265		12.8500	.81	
WETLAND	OUT	POND	.263		14.1500	.51	395.62

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 2.7500 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
BR-N TO WETLAND	PONDrt	UN	.359		12.1000	4.01	BR-N	IN
BR-N TO WETLAND			.146		12.8000	.46	BR-N	OUT
		DL	.146		12.8000	.46		
		DN	.265		12.8500	.81	WETLAND	IN
BR-S TO WETLAND	PONDrt	UN	.275		12.1000	3.32	BR-S	IN
BR-S TO WETLAND			.119		12.9000	.35	BR-S	OUT
		DL	.119		12.9000	.35		
		DN	.265		12.8500	.81	WETLAND	IN
CA TO BR-N	ADD	UN	.359		12.1000	4.01	PR BB-1 BR-N	
		DL	.359		12.1000	4.01		
		DN	.359		12.1000	4.01	BR-N	IN
CA TO BR-S	ADD	UN	.275		12.1000	3.32	PR BB-1 BR-S	
		DL	.275		12.1000	3.32		
		DN	.275		12.1000	3.32	BR-S	IN
PR AA TO DP 1	ADD	UN	.066		12.1500	.66	PR AA	
		DL	.066		12.1500	.66		
		DN	.691		12.1500	4.69	DP 1	
PR BB-2 TO DP 1	ADD	UN	.216		12.1500	2.41	PR BB-2	
		DL	.216		12.1500	2.41		
		DN	.691		12.1500	4.69	DP 1	
PR BB1OS TO DP 1	ADD	UN	.147		12.1000	1.70	PR BB-1 OS	
		DL	.147		12.1000	1.70		
		DN	.691		12.1500	4.69	DP 1	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
PR CC TO DP 2	ADD	UN	.325		12.1500	3.36	PR CC	
		DL	.325		12.1500	3.36		
		DN	.325		12.1500	3.36	DP 2	
WETLAND TO DP 1	PONDrt	UN	.265		12.8500	.81	WETLAND	IN
WETLAND TO DP 1			.263		14.1500	.51	WETLAND	OUT
		DL	.263		14.1500	.51		
		DN	.691		12.1500	4.69	DP 1	

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 3.3700 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID	Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
BR-N IN	POND	.451		12.1000	4.97	
BR-N OUT	POND	.237		12.4000	1.44	398.57
BR-S IN	POND	.359		12.1000	4.27	
BR-S OUT	POND	.203		12.4000	1.31	399.05
Outfall DP 1	JCT	1.073		12.1500	7.09	
Outfall DP 2	JCT	.502		12.1500	5.46	
PR AA	AREA	.099		12.1500	1.04	
PR BB-1 BR-N	AREA	.451		12.1000	4.97	
PR BB-1 BR-S	AREA	.359		12.1000	4.27	
PR BB-1 OS	AREA	.223		12.1000	2.67	
PR BB-2	AREA	.313		12.1500	3.55	
PR CC	AREA	.502		12.1500	5.46	
WETLAND IN	POND	.440		12.4000	2.76	
WETLAND OUT	POND	.438		13.0500	1.30	395.86

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 3.3700 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
BR-N TO WETLAND	PONDrt	UN	.451		12.1000	4.97	BR-N	IN
BR-N TO WETLAND			.237		12.4000	1.44	BR-N	OUT
		DL	.237		12.4000	1.44		
		DN	.440		12.4000	2.76	WETLAND	IN
BR-S TO WETLAND	PONDrt	UN	.359		12.1000	4.27	BR-S	IN
BR-S TO WETLAND			.203		12.4000	1.31	BR-S	OUT
		DL	.203		12.4000	1.31		
		DN	.440		12.4000	2.76	WETLAND	IN
CA TO BR-N	ADD	UN	.451		12.1000	4.97	PR BB-1 BR-N	
		DL	.451		12.1000	4.97		
		DN	.451		12.1000	4.97	BR-N	IN
CA TO BR-S	ADD	UN	.359		12.1000	4.27	PR BB-1 BR-S	
		DL	.359		12.1000	4.27		
		DN	.359		12.1000	4.27	BR-S	IN
PR AA TO DP 1	ADD	UN	.099		12.1500	1.04	PR AA	
		DL	.099		12.1500	1.04		
		DN	1.073		12.1500	7.09	DP 1	
PR BB-2 TO DP 1	ADD	UN	.313		12.1500	3.55	PR BB-2	
		DL	.313		12.1500	3.55		
		DN	1.073		12.1500	7.09	DP 1	
PR BB1OS TO DP 1	ADD	UN	.223		12.1000	2.67	PR BB-1 OS	
		DL	.223		12.1000	2.67		
		DN	1.073		12.1500	7.09	DP 1	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
PR CC TO DP 2	ADD	UN	.502		12.1500	5.46	PR CC	
		DL	.502		12.1500	5.46		
		DN	.502		12.1500	5.46	DP 2	
WETLAND TO DP 1	PONDrt	UN	.440		12.4000	2.76	WETLAND	IN
WETLAND TO DP 1			.438		13.0500	1.30	WETLAND	OUT
		DL	.438		13.0500	1.30		
		DN	1.073		12.1500	7.09	DP 1	

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 5.0800 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID		Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
BR-N	IN	POND	.704		12.1000	7.58	
BR-N	OUT	POND	.491		12.2000	4.32	398.87
BR-S	IN	POND	.595		12.1000	6.86	
BR-S	OUT	POND	.439		12.2000	4.35	399.38
Outfall DP 1		JCT	2.209		12.1500	15.73	
Outfall DP 2		JCT	1.076		12.1500	12.16	
PR AA		AREA	.206		12.1500	2.23	
PR BB-1 BR-N		AREA	.704		12.1000	7.58	
PR BB-1 BR-S		AREA	.595		12.1000	6.86	
PR BB-1 OS		AREA	.462		12.1000	5.66	
PR BB-2		AREA	.613		12.1500	6.96	
PR CC		AREA	1.076		12.1500	12.16	
WETLAND	IN	POND	.930		12.2000	8.67	
WETLAND	OUT	POND	.928		12.5500	5.06	396.54

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 5.0800 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
BR-N TO WETLAND	PONDrt	UN	.704		12.1000	7.58	BR-N	IN
BR-N TO WETLAND			.491		12.2000	4.32	BR-N	OUT
		DL	.491		12.2000	4.32		
		DN	.930		12.2000	8.67	WETLAND	IN
BR-S TO WETLAND	PONDrt	UN	.595		12.1000	6.86	BR-S	IN
BR-S TO WETLAND			.439		12.2000	4.35	BR-S	OUT
		DL	.439		12.2000	4.35		
		DN	.930		12.2000	8.67	WETLAND	IN
CA TO BR-N	ADD	UN	.704		12.1000	7.58	PR BB-1 BR-N	
		DL	.704		12.1000	7.58		
		DN	.704		12.1000	7.58	BR-N	IN
CA TO BR-S	ADD	UN	.595		12.1000	6.86	PR BB-1 BR-S	
		DL	.595		12.1000	6.86		
		DN	.595		12.1000	6.86	BR-S	IN
PR AA TO DP 1	ADD	UN	.206		12.1500	2.23	PR AA	
		DL	.206		12.1500	2.23		
		DN	2.209		12.1500	15.73	DP 1	
PR BB-2 TO DP 1	ADD	UN	.613		12.1500	6.96	PR BB-2	
		DL	.613		12.1500	6.96		
		DN	2.209		12.1500	15.73	DP 1	
PR BB1OS TO DP 1	ADD	UN	.462		12.1000	5.66	PR BB-1 OS	
		DL	.462		12.1000	5.66		
		DN	2.209		12.1500	15.73	DP 1	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
PR CC TO DP 2	ADD	UN	1.076		12.1500	12.16	PR CC	
		DL	1.076		12.1500	12.16		
		DN	1.076		12.1500	12.16	DP 2	
WETLAND TO DP 1	PONDrt	UN	.930		12.2000	8.67	WETLAND	IN
WETLAND TO DP 1			.928		12.5500	5.06	WETLAND	OUT
		DL	.928		12.5500	5.06		
		DN	2.209		12.1500	15.73	DP 1	

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 6.4400 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID	Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
BR-N IN	POND	.906		12.1000	9.65	
BR-N OUT	POND	.693		12.2000	5.14	399.09
BR-S IN	POND	.785		12.1000	8.89	
BR-S OUT	POND	.629		12.2000	5.25	399.62
Outfall DP 1	JCT	3.164		12.1500	24.31	
Outfall DP 2	JCT	1.587		12.1500	17.97	
PR AA	AREA	.300		12.1500	3.26	
PR BB-1 BR-N	AREA	.906		12.1000	9.65	
PR BB-1 BR-S	AREA	.785		12.1000	8.89	
PR BB-1 OS	AREA	.673		12.1000	8.21	
PR BB-2	AREA	.871		12.1500	9.79	
PR CC	AREA	1.587		12.1500	17.97	
WETLAND IN	POND	1.323		12.2000	10.38	
WETLAND OUT	POND	1.321		12.6000	7.73	396.93

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 6.4400 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
BR-N TO WETLAND	PONDrt	UN	.906		12.1000	9.65	BR-N	IN
BR-N TO WETLAND			.693		12.2000	5.14	BR-N	OUT
		DL	.693		12.2000	5.14		
		DN	1.323		12.2000	10.38	WETLAND	IN
BR-S TO WETLAND	PONDrt	UN	.785		12.1000	8.89	BR-S	IN
BR-S TO WETLAND			.629		12.2000	5.25	BR-S	OUT
		DL	.629		12.2000	5.25		
		DN	1.323		12.2000	10.38	WETLAND	IN
CA TO BR-N	ADD	UN	.906		12.1000	9.65	PR BB-1 BR-N	
		DL	.906		12.1000	9.65		
		DN	.906		12.1000	9.65	BR-N	IN
CA TO BR-S	ADD	UN	.785		12.1000	8.89	PR BB-1 BR-S	
		DL	.785		12.1000	8.89		
		DN	.785		12.1000	8.89	BR-S	IN
PR AA TO DP 1	ADD	UN	.300		12.1500	3.26	PR AA	
		DL	.300		12.1500	3.26		
		DN	3.164		12.1500	24.31	DP 1	
PR BB-2 TO DP 1	ADD	UN	.871		12.1500	9.79	PR BB-2	
		DL	.871		12.1500	9.79		
		DN	3.164		12.1500	24.31	DP 1	
PR BB1OS TO DP 1	ADD	UN	.673		12.1000	8.21	PR BB-1 OS	
		DL	.673		12.1000	8.21		
		DN	3.164		12.1500	24.31	DP 1	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
PR CC TO DP 2	ADD	UN	1.587		12.1500	17.97	PR CC	
		DL	1.587		12.1500	17.97		
		DN	1.587		12.1500	17.97	DP 2	
WETLAND TO DP 1	PONDrt	UN	1.323		12.2000	10.38	WETLAND	IN
WETLAND TO DP 1			1.321		12.6000	7.73	WETLAND	OUT
		DL	1.321		12.6000	7.73		
		DN	3.164		12.1500	24.31	DP 1	

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 7.7000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID		Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
BR-N	IN	POND	1.094		12.1000	11.56	
BR-N	OUT	POND	.881		12.2500	5.71	399.27
BR-S	IN	POND	.963		12.1000	10.76	
BR-S	OUT	POND	.807		12.2000	5.88	399.83
Outfall DP 1		JCT	4.071		12.1500	31.93	
Outfall DP 2		JCT	2.086		12.1500	23.54	
PR AA		AREA	.391		12.1500	4.23	
PR BB-1 BR-N		AREA	1.094		12.1000	11.56	
PR BB-1 BR-S		AREA	.963		12.1000	10.76	
PR BB-1 OS		AREA	.877		12.1000	10.63	
PR BB-2		AREA	1.117		12.1500	12.44	
PR CC		AREA	2.086		12.1500	23.54	
WETLAND	IN	POND	1.688		12.2500	11.59	
WETLAND	OUT	POND	1.686		12.6500	9.16	397.16

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 7.7000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
BR-N TO WETLAND	PONDrt	UN	1.094		12.1000	11.56	BR-N	IN
BR-N TO WETLAND			.881		12.2500	5.71	BR-N	OUT
		DL	.881		12.2500	5.71		
		DN	1.688		12.2500	11.59	WETLAND	IN
BR-S TO WETLAND	PONDrt	UN	.963		12.1000	10.76	BR-S	IN
BR-S TO WETLAND			.807		12.2000	5.88	BR-S	OUT
		DL	.807		12.2000	5.88		
		DN	1.688		12.2500	11.59	WETLAND	IN
CA TO BR-N	ADD	UN	1.094		12.1000	11.56	PR BB-1 BR-N	
		DL	1.094		12.1000	11.56		
		DN	1.094		12.1000	11.56	BR-N	IN
CA TO BR-S	ADD	UN	.963		12.1000	10.76	PR BB-1 BR-S	
		DL	.963		12.1000	10.76		
		DN	.963		12.1000	10.76	BR-S	IN
PR AA TO DP 1	ADD	UN	.391		12.1500	4.23	PR AA	
		DL	.391		12.1500	4.23		
		DN	4.071		12.1500	31.93	DP 1	
PR BB-2 TO DP 1	ADD	UN	1.117		12.1500	12.44	PR BB-2	
		DL	1.117		12.1500	12.44		
		DN	4.071		12.1500	31.93	DP 1	
PR BB1OS TO DP 1	ADD	UN	.877		12.1000	10.63	PR BB-1 OS	
		DL	.877		12.1000	10.63		
		DN	4.071		12.1500	31.93	DP 1	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
PR CC TO DP 2	ADD	UN	2.086		12.1500	23.54	PR CC	
		DL	2.086		12.1500	23.54		
		DN	2.086		12.1500	23.54	DP 2	
WETLAND TO DP 1	PONDrt	UN	1.688		12.2500	11.59	WETLAND	IN
WETLAND TO DP 1			1.686		12.6500	9.16	WETLAND	OUT
		DL	1.686		12.6500	9.16		
		DN	4.071		12.1500	31.93	DP 1	

NETWORK SUMMARY -- NODES
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 9.2300 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Node ID		Type	HYG Vol ac-ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
BR-N	IN	POND	1.321		12.1000	13.88	
BR-N	OUT	POND	1.108		12.2500	6.31	399.48
BR-S	IN	POND	1.179		12.1000	13.02	
BR-S	OUT	POND	1.024		12.2500	6.59	400.08
Outfall DP 1		JCT	5.191		12.1000	40.67	
Outfall DP 2		JCT	2.714		12.1500	30.40	
PR AA		AREA	.505		12.1500	5.43	
PR BB-1 BR-N		AREA	1.321		12.1000	13.88	
PR BB-1 BR-S		AREA	1.179		12.1000	13.02	
PR BB-1 OS		AREA	1.133		12.1000	13.61	
PR BB-2		AREA	1.423		12.1500	15.67	
PR CC		AREA	2.714		12.1500	30.40	
WETLAND	IN	POND	2.132		12.2500	12.90	
WETLAND	OUT	POND	2.130		12.7000	10.39	397.39

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File,ID = Cortlandt

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 9.2300 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
BR-N TO WETLAND	PONDrt	UN	1.321		12.1000	13.88	BR-N	IN
BR-N TO WETLAND			1.108		12.2500	6.31	BR-N	OUT
		DL	1.108		12.2500	6.31		
		DN	2.132		12.2500	12.90	WETLAND	IN
BR-S TO WETLAND	PONDrt	UN	1.179		12.1000	13.02	BR-S	IN
BR-S TO WETLAND			1.024		12.2500	6.59	BR-S	OUT
		DL	1.024		12.2500	6.59		
		DN	2.132		12.2500	12.90	WETLAND	IN
CA TO BR-N	ADD	UN	1.321		12.1000	13.88	PR BB-1 BR-N	
		DL	1.321		12.1000	13.88		
		DN	1.321		12.1000	13.88	BR-N	IN
CA TO BR-S	ADD	UN	1.179		12.1000	13.02	PR BB-1 BR-S	
		DL	1.179		12.1000	13.02		
		DN	1.179		12.1000	13.02	BR-S	IN
PR AA TO DP 1	ADD	UN	.505		12.1500	5.43	PR AA	
		DL	.505		12.1500	5.43		
		DN	5.191		12.1000	40.67	DP 1	
PR BB-2 TO DP 1	ADD	UN	1.423		12.1500	15.67	PR BB-2	
		DL	1.423		12.1500	15.67		
		DN	5.191		12.1000	40.67	DP 1	
PR BB1OS TO DP 1	ADD	UN	1.133		12.1000	13.61	PR BB-1 OS	
		DL	1.133		12.1000	13.61		
		DN	5.191		12.1000	40.67	DP 1	

NETWORK SUMMARY -- LINKS
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)
(Trun.= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol ac-ft	Trun.	Peak Time hrs	Peak Q cfs	End Points	
PR CC TO DP 2	ADD	UN	2.714		12.1500	30.40	PR CC	
		DL	2.714		12.1500	30.40		
		DN	2.714		12.1500	30.40	DP 2	
WETLAND TO DP 1	PONDrt	UN	2.132		12.2500	12.90	WETLAND	IN
WETLAND TO DP 1			2.130		12.7000	10.39	WETLAND	OUT
		DL	2.130		12.7000	10.39		
		DN	5.191		12.1000	40.67	DP 1	

NETWORK RUNOFF NODE SEQUENCE

Runoff Data	Apply to Node	Receiving Link
SCS UH PR AA	Subarea PR AA	Add Hyd PR AA
SCS UH PR BB-2	Subarea PR BB-2	Add Hyd PR BB-2
SCS UH PR CC	Subarea PR CC	Add Hyd PR CC
SCS UH PR BB-1 OS	Subarea PR BB-1 OS	Add Hyd PR BB-1 OS
SCS UH PR BB-1 BR-S	Subarea PR BB-1 BR-S	Add Hyd PR BB-1 BR-S
SCS UH PR BB-1 BR-N	Subarea PR BB-1 BR-N	Add Hyd PR BB-1 BR-N

NETWORK ROUTING SEQUENCE

Link Operation	UPstream Node			DNstream Node		
Add Hyd CA TO BR-N	Subarea PR BB-1 BR-N			Pond	BR-N	IN
POND ROUTE TOTAL OUTFLOW...						
Total Pond Outflow	Pond	BR-N	IN	Outflow	BR-N	OUT
SET POND ROUTING LINK TO TOTAL POND OUTFLOW...						
Outlet BR-N TO WETLAND	Outflow BR-N		OUT	Pond	WETLAND	IN
Add Hyd CA TO BR-S	Subarea PR BB-1 BR-S			Pond	BR-S	IN
POND ROUTE TOTAL OUTFLOW...						
Total Pond Outflow	Pond	BR-S	IN	Outflow	BR-S	OUT
SET POND ROUTING LINK TO TOTAL POND OUTFLOW...						
Outlet BR-S TO WETLAND	Outflow BR-S		OUT	Pond	WETLAND	IN
POND ROUTE TOTAL OUTFLOW...						
Total Pond Outflow	Pond	WETLAND	IN	Outflow	WETLAND	OUT
SET POND ROUTING LINK TO TOTAL POND OUTFLOW...						
Outlet WETLAND TO DP 1	Outflow WETLAND		OUT	Jct	DP 1	
Add Hyd PR CC TO DP 2	Subarea PR CC			Jct	DP 2	
Add Hyd PR AA TO DP 1	Subarea PR AA			Jct	DP 1	
Add Hyd PR BB1OS TO DP 1	Subarea PR BB-1 OS			Jct	DP 1	
Add Hyd PR BB-2 TO DP 1	Subarea PR BB-2			Jct	DP 1	

Title... Project Date: 9/13/2018
Project Engineer: malfaro
Project Title: Cortlandt Pitch Proposed Conditions
Project Comments:
Proposed Conditions

DESIGN STORMS SUMMARY

Design Storm File,ID = Cortlandt

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 2.7500 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 3.3700 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 5.0800 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 6.4400 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 7.7000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Title... Project Date: 9/13/2018
Project Engineer: malfaro
Project Title: Cortlandt Pitch Proposed Conditions
Project Comments:
Proposed Conditions

DESIGN STORMS SUMMARY

Design Storm File,ID = Cortlandt

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 9.2300 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

DESIGN STORMS SUMMARY

Design Storm File,ID = Cortlandt

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 2.7500 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 3.3700 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 5.0800 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 6.4400 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 7.7000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

DESIGN STORMS SUMMARY

Design Storm File,ID = Cortlandt

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 9.2300 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0028	.0055	.0083	.0110
.5000	.0138	.0165	.0193	.0220	.0248
1.0000	.0275	.0303	.0330	.0358	.0385
1.5000	.0413	.0440	.0468	.0495	.0523
2.0000	.0550	.0578	.0606	.0634	.0663
2.5000	.0693	.0722	.0753	.0783	.0814
3.0000	.0846	.0878	.0910	.0942	.0975
3.5000	.1009	.1043	.1077	.1112	.1147
4.0000	.1183	.1219	.1255	.1292	.1329
4.5000	.1366	.1404	.1443	.1482	.1521
5.0000	.1561	.1601	.1641	.1682	.1723
5.5000	.1765	.1807	.1850	.1893	.1936
6.0000	.1980	.2025	.2071	.2118	.2167
6.5000	.2217	.2269	.2322	.2376	.2432
7.0000	.2489	.2547	.2607	.2668	.2731
7.5000	.2795	.2860	.2927	.2995	.3064
8.0000	.3135	.3208	.3284	.3364	.3446
8.5000	.3532	.3621	.3713	.3808	.3907
9.0000	.4008	.4113	.4221	.4332	.4446
9.5000	.4563	.4684	.4808	.4934	.5064
10.0000	.5198	.5336	.5480	.5631	.5789
10.5000	.5954	.6125	.6302	.6487	.6678
11.0000	.6875	.7088	.7327	.7591	.7880
11.5000	.8195	.8643	.9334	1.0266	1.1440
12.0000	1.3750	1.6060	1.7234	1.8167	1.8857
12.5000	1.9305	1.9620	1.9909	2.0173	2.0412
13.0000	2.0625	2.0822	2.1013	2.1198	2.1375
13.5000	2.1546	2.1711	2.1869	2.2020	2.2164
14.0000	2.2303	2.2436	2.2566	2.2692	2.2816
14.5000	2.2937	2.3054	2.3168	2.3279	2.3387
15.0000	2.3492	2.3593	2.3692	2.3787	2.3879
15.5000	2.3968	2.4054	2.4136	2.4216	2.4292
16.0000	2.4365	2.4436	2.4505	2.4573	2.4640
16.5000	2.4705	2.4769	2.4832	2.4893	2.4953
17.0000	2.5011	2.5068	2.5124	2.5178	2.5231
17.5000	2.5283	2.5333	2.5382	2.5429	2.5475
18.0000	2.5520	2.5564	2.5607	2.5650	2.5693
18.5000	2.5735	2.5777	2.5818	2.5859	2.5899
19.0000	2.5939	2.5979	2.6018	2.6057	2.6096
19.5000	2.6134	2.6171	2.6208	2.6245	2.6281
20.0000	2.6318	2.6353	2.6388	2.6423	2.6458
20.5000	2.6492	2.6527	2.6560	2.6594	2.6627
21.0000	2.6660	2.6692	2.6724	2.6756	2.6788
21.5000	2.6819	2.6850	2.6880	2.6911	2.6941

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	2.6971	2.7000	2.7029	2.7058	2.7086
22.5000	2.7114	2.7143	2.7170	2.7197	2.7224
23.0000	2.7251	2.7277	2.7303	2.7329	2.7354
23.5000	2.7379	2.7404	2.7429	2.7453	2.7476
24.0000	2.7500				

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0034	.0067	.0101	.0135
.5000	.0169	.0202	.0236	.0270	.0303
1.0000	.0337	.0371	.0404	.0438	.0472
1.5000	.0506	.0539	.0573	.0607	.0640
2.0000	.0674	.0708	.0742	.0777	.0813
2.5000	.0849	.0885	.0922	.0960	.0998
3.0000	.1036	.1075	.1115	.1155	.1195
3.5000	.1236	.1278	.1320	.1362	.1406
4.0000	.1449	.1493	.1538	.1583	.1628
4.5000	.1675	.1721	.1768	.1816	.1864
5.0000	.1912	.1962	.2011	.2061	.2112
5.5000	.2163	.2215	.2267	.2320	.2373
6.0000	.2426	.2481	.2538	.2596	.2656
6.5000	.2717	.2780	.2845	.2912	.2980
7.0000	.3050	.3122	.3195	.3270	.3346
7.5000	.3425	.3505	.3587	.3670	.3755
8.0000	.3842	.3931	.4025	.4122	.4223
8.5000	.4328	.4437	.4550	.4667	.4787
9.0000	.4912	.5040	.5172	.5308	.5448
9.5000	.5592	.5740	.5891	.6047	.6206
10.0000	.6369	.6538	.6716	.6901	.7095
10.5000	.7296	.7506	.7723	.7949	.8183
11.0000	.8425	.8687	.8979	.9303	.9657
11.5000	1.0043	1.0592	1.1438	1.2580	1.4019
12.0000	1.6850	1.9681	2.1120	2.2262	2.3108
12.5000	2.3657	2.4043	2.4397	2.4721	2.5013
13.0000	2.5275	2.5517	2.5751	2.5977	2.6194
13.5000	2.6404	2.6605	2.6799	2.6984	2.7162
14.0000	2.7331	2.7494	2.7653	2.7809	2.7960
14.5000	2.8108	2.8252	2.8392	2.8528	2.8660
15.0000	2.8788	2.8913	2.9033	2.9150	2.9263
15.5000	2.9372	2.9477	2.9578	2.9675	2.9769
16.0000	2.9858	2.9945	3.0030	3.0114	3.0195
16.5000	3.0275	3.0354	3.0430	3.0505	3.0579
17.0000	3.0650	3.0720	3.0788	3.0855	3.0920
17.5000	3.0983	3.1044	3.1104	3.1162	3.1219
18.0000	3.1274	3.1327	3.1380	3.1433	3.1485
18.5000	3.1537	3.1588	3.1639	3.1689	3.1738
19.0000	3.1788	3.1836	3.1884	3.1932	3.1979
19.5000	3.2025	3.2072	3.2117	3.2162	3.2207
20.0000	3.2251	3.2294	3.2338	3.2381	3.2423
20.5000	3.2465	3.2507	3.2548	3.2589	3.2630
21.0000	3.2670	3.2710	3.2749	3.2788	3.2827
21.5000	3.2865	3.2903	3.2941	3.2978	3.3015

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	3.3051	3.3087	3.3123	3.3158	3.3193
22.5000	3.3228	3.3262	3.3296	3.3329	3.3362
23.0000	3.3395	3.3427	3.3459	3.3490	3.3521
23.5000	3.3552	3.3582	3.3612	3.3642	3.3671
24.0000	3.3700				

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0051	.0102	.0152	.0203
.5000	.0254	.0305	.0356	.0406	.0457
1.0000	.0508	.0559	.0610	.0660	.0711
1.5000	.0762	.0813	.0864	.0914	.0965
2.0000	.1016	.1067	.1119	.1172	.1225
2.5000	.1280	.1335	.1390	.1447	.1504
3.0000	.1562	.1621	.1680	.1741	.1802
3.5000	.1864	.1926	.1990	.2054	.2119
4.0000	.2184	.2251	.2318	.2386	.2455
4.5000	.2524	.2594	.2665	.2737	.2810
5.0000	.2883	.2957	.3032	.3107	.3184
5.5000	.3261	.3339	.3417	.3497	.3577
6.0000	.3658	.3740	.3825	.3913	.4003
6.5000	.4096	.4191	.4289	.4389	.4492
7.0000	.4597	.4706	.4816	.4929	.5044
7.5000	.5163	.5283	.5407	.5532	.5661
8.0000	.5791	.5926	.6067	.6214	.6366
8.5000	.6525	.6689	.6859	.7035	.7217
9.0000	.7404	.7598	.7797	.8002	.8213
9.5000	.8430	.8652	.8881	.9115	.9355
10.0000	.9601	.9856	1.0123	1.0403	1.0694
10.5000	1.0998	1.1314	1.1642	1.1983	1.2335
11.0000	1.2700	1.3094	1.3535	1.4023	1.4557
11.5000	1.5138	1.5966	1.7242	1.8964	2.1133
12.0000	2.5400	2.9667	3.1836	3.3558	3.4834
12.5000	3.5662	3.6243	3.6777	3.7265	3.7706
13.0000	3.8100	3.8465	3.8817	3.9158	3.9486
13.5000	3.9802	4.0106	4.0397	4.0677	4.0944
14.0000	4.1199	4.1445	4.1685	4.1919	4.2148
14.5000	4.2370	4.2587	4.2798	4.3003	4.3202
15.0000	4.3396	4.3583	4.3765	4.3941	4.4111
15.5000	4.4275	4.4434	4.4586	4.4733	4.4874
16.0000	4.5009	4.5140	4.5268	4.5394	4.5517
16.5000	4.5638	4.5756	4.5871	4.5984	4.6095
17.0000	4.6203	4.6308	4.6411	4.6511	4.6609
17.5000	4.6705	4.6797	4.6887	4.6975	4.7060
18.0000	4.7142	4.7223	4.7303	4.7383	4.7461
18.5000	4.7539	4.7616	4.7693	4.7768	4.7843
19.0000	4.7917	4.7990	4.8063	4.8135	4.8206
19.5000	4.8276	4.8345	4.8414	4.8482	4.8549
20.0000	4.8616	4.8681	4.8747	4.8811	4.8875
20.5000	4.8939	4.9002	4.9064	4.9126	4.9187
21.0000	4.9248	4.9307	4.9367	4.9426	4.9484
21.5000	4.9542	4.9599	4.9655	4.9712	4.9767

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	4.9822	4.9876	4.9930	4.9983	5.0036
22.5000	5.0088	5.0140	5.0190	5.0241	5.0290
23.0000	5.0340	5.0388	5.0436	5.0484	5.0531
23.5000	5.0577	5.0623	5.0668	5.0713	5.0756
24.0000	5.0800				

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0064	.0129	.0193	.0258
.5000	.0322	.0386	.0451	.0515	.0580
1.0000	.0644	.0708	.0773	.0837	.0902
1.5000	.0966	.1030	.1095	.1159	.1224
2.0000	.1288	.1353	.1419	.1486	.1553
2.5000	.1622	.1692	.1763	.1834	.1907
3.0000	.1980	.2055	.2130	.2207	.2284
3.5000	.2363	.2442	.2523	.2604	.2686
4.0000	.2769	.2854	.2939	.3025	.3112
4.5000	.3200	.3289	.3379	.3470	.3562
5.0000	.3655	.3749	.3843	.3939	.4036
5.5000	.4134	.4232	.4332	.4433	.4534
6.0000	.4637	.4742	.4849	.4961	.5075
6.5000	.5193	.5313	.5437	.5564	.5695
7.0000	.5828	.5965	.6105	.6249	.6395
7.5000	.6545	.6698	.6854	.7013	.7176
8.0000	.7342	.7513	.7691	.7877	.8071
8.5000	.8272	.8480	.8695	.8918	.9149
9.0000	.9386	.9632	.9884	1.0144	1.0412
9.5000	1.0687	1.0969	1.1258	1.1555	1.1860
10.0000	1.2172	1.2495	1.2834	1.3188	1.3557
10.5000	1.3943	1.4343	1.4759	1.5191	1.5638
11.0000	1.6100	1.6600	1.7159	1.7777	1.8454
11.5000	1.9191	2.0241	2.1857	2.4041	2.6790
12.0000	3.2200	3.7610	4.0359	4.2543	4.4159
12.5000	4.5209	4.5946	4.6623	4.7241	4.7800
13.0000	4.8300	4.8762	4.9209	4.9641	5.0057
13.5000	5.0457	5.0843	5.1212	5.1566	5.1905
14.0000	5.2228	5.2540	5.2845	5.3142	5.3431
14.5000	5.3713	5.3988	5.4256	5.4516	5.4768
15.0000	5.5014	5.5251	5.5482	5.5705	5.5920
15.5000	5.6128	5.6329	5.6523	5.6709	5.6887
16.0000	5.7058	5.7225	5.7387	5.7547	5.7702
16.5000	5.7856	5.8005	5.8152	5.8295	5.8435
17.0000	5.8572	5.8706	5.8836	5.8963	5.9087
17.5000	5.9208	5.9325	5.9440	5.9551	5.9659
18.0000	5.9763	5.9866	5.9967	6.0068	6.0168
18.5000	6.0266	6.0364	6.0461	6.0557	6.0651
19.0000	6.0745	6.0838	6.0930	6.1021	6.1111
19.5000	6.1200	6.1288	6.1375	6.1461	6.1546
20.0000	6.1631	6.1714	6.1797	6.1879	6.1960
20.5000	6.2040	6.2120	6.2199	6.2277	6.2355
21.0000	6.2432	6.2508	6.2583	6.2658	6.2732
21.5000	6.2805	6.2878	6.2949	6.3021	6.3091

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	6.3160	6.3229	6.3297	6.3364	6.3431
22.5000	6.3497	6.3563	6.3627	6.3691	6.3754
23.0000	6.3817	6.3878	6.3939	6.3999	6.4059
23.5000	6.4117	6.4175	6.4233	6.4289	6.4345
24.0000	6.4400				

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0077	.0154	.0231	.0308
.5000	.0385	.0462	.0539	.0616	.0693
1.0000	.0770	.0847	.0924	.1001	.1078
1.5000	.1155	.1232	.1309	.1386	.1463
2.0000	.1540	.1618	.1696	.1776	.1857
2.5000	.1940	.2023	.2107	.2193	.2280
3.0000	.2368	.2457	.2547	.2639	.2731
3.5000	.2825	.2920	.3016	.3113	.3212
4.0000	.3311	.3412	.3514	.3617	.3721
4.5000	.3826	.3932	.4040	.4149	.4259
5.0000	.4370	.4482	.4595	.4710	.4826
5.5000	.4943	.5060	.5180	.5300	.5422
6.0000	.5544	.5670	.5798	.5931	.6068
6.5000	.6209	.6353	.6501	.6653	.6809
7.0000	.6968	.7133	.7300	.7471	.7646
7.5000	.7826	.8008	.8195	.8385	.8580
8.0000	.8778	.8983	.9196	.9419	.9650
8.5000	.9890	1.0139	1.0397	1.0663	1.0939
9.0000	1.1223	1.1516	1.1818	1.2129	1.2449
9.5000	1.2777	1.3115	1.3461	1.3816	1.4180
10.0000	1.4553	1.4940	1.5345	1.5768	1.6210
10.5000	1.6671	1.7149	1.7647	1.8163	1.8697
11.0000	1.9250	1.9848	2.0516	2.1255	2.2065
11.5000	2.2946	2.4201	2.6134	2.8744	3.2032
12.0000	3.8500	4.4968	4.8256	5.0866	5.2799
12.5000	5.4054	5.4935	5.5745	5.6484	5.7152
13.0000	5.7750	5.8303	5.8837	5.9353	5.9851
13.5000	6.0330	6.0790	6.1232	6.1655	6.2060
14.0000	6.2447	6.2820	6.3184	6.3539	6.3885
14.5000	6.4223	6.4551	6.4871	6.5182	6.5484
15.0000	6.5777	6.6061	6.6337	6.6603	6.6861
15.5000	6.7110	6.7350	6.7581	6.7804	6.8017
16.0000	6.8222	6.8421	6.8615	6.8806	6.8992
16.5000	6.9175	6.9354	6.9529	6.9700	6.9868
17.0000	7.0032	7.0192	7.0347	7.0500	7.0648
17.5000	7.0792	7.0932	7.1069	7.1202	7.1331
18.0000	7.1456	7.1578	7.1700	7.1820	7.1940
18.5000	7.2057	7.2174	7.2290	7.2405	7.2518
19.0000	7.2630	7.2741	7.2851	7.2960	7.3068
19.5000	7.3174	7.3279	7.3383	7.3486	7.3588
20.0000	7.3689	7.3788	7.3888	7.3985	7.4082
20.5000	7.4179	7.4274	7.4368	7.4462	7.4554
21.0000	7.4647	7.4738	7.4828	7.4917	7.5006
21.5000	7.5093	7.5180	7.5265	7.5351	7.5435

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	7.5518	7.5600	7.5682	7.5762	7.5842
22.5000	7.5920	7.5999	7.6076	7.6152	7.6228
23.0000	7.6302	7.6376	7.6449	7.6520	7.6592
23.5000	7.6662	7.6731	7.6800	7.6868	7.6934
24.0000	7.7000				

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.010	.011	.012	.013	.014
1.5000	.015	.016	.017	.018	.019
2.0000	.020	.021	.022	.023	.024
2.5000	.025	.026	.027	.028	.030
3.0000	.031	.032	.033	.034	.035
3.5000	.037	.038	.039	.040	.042
4.0000	.043	.044	.046	.047	.048
4.5000	.050	.051	.052	.054	.055
5.0000	.057	.058	.060	.061	.063
5.5000	.064	.066	.067	.069	.070
6.0000	.072	.074	.075	.077	.079
6.5000	.081	.083	.084	.086	.088
7.0000	.091	.093	.095	.097	.099
7.5000	.102	.104	.106	.109	.111
8.0000	.114	.117	.119	.122	.125
8.5000	.128	.132	.135	.138	.142
9.0000	.146	.150	.153	.158	.162
9.5000	.166	.170	.175	.179	.184
10.0000	.189	.194	.199	.205	.211
10.5000	.217	.223	.229	.236	.243
11.0000	.250	.258	.266	.276	.287
11.5000	.298	.314	.339	.373	.416
12.0000	.500	.584	.627	.661	.686
12.5000	.702	.713	.724	.734	.742
13.0000	.750	.757	.764	.771	.777
13.5000	.784	.789	.795	.801	.806
14.0000	.811	.816	.821	.825	.830
14.5000	.834	.838	.842	.847	.850
15.0000	.854	.858	.862	.865	.868
15.5000	.872	.875	.878	.881	.883
16.0000	.886	.889	.891	.894	.896
16.5000	.898	.901	.903	.905	.907
17.0000	.910	.912	.914	.916	.918
17.5000	.919	.921	.923	.925	.926
18.0000	.928	.930	.931	.933	.934
18.5000	.936	.937	.939	.940	.942
19.0000	.943	.945	.946	.948	.949
19.5000	.950	.952	.953	.954	.956
20.0000	.957	.958	.960	.961	.962
20.5000	.963	.965	.966	.967	.968
21.0000	.969	.971	.972	.973	.974
21.5000	.975	.976	.977	.979	.980

CUMULATIVE RAINFALL FRACTIONS
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
22.0000	.981	.982	.983	.984	.985
22.5000	.986	.987	.988	.989	.990
23.0000	.991	.992	.993	.994	.995
23.5000	.996	.997	.997	.998	.999
24.0000	1.000				

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0092	.0185	.0277	.0369
.5000	.0462	.0554	.0646	.0738	.0831
1.0000	.0923	.1015	.1108	.1200	.1292
1.5000	.1385	.1477	.1569	.1661	.1754
2.0000	.1846	.1939	.2033	.2129	.2226
2.5000	.2325	.2425	.2526	.2629	.2733
3.0000	.2838	.2945	.3053	.3163	.3274
3.5000	.3386	.3500	.3615	.3732	.3850
4.0000	.3969	.4090	.4212	.4335	.4460
4.5000	.4586	.4714	.4843	.4973	.5105
5.0000	.5238	.5373	.5508	.5646	.5784
5.5000	.5925	.6066	.6209	.6353	.6499
6.0000	.6646	.6796	.6950	.7110	.7273
6.5000	.7442	.7615	.7793	.7975	.8162
7.0000	.8353	.8550	.8750	.8956	.9165
7.5000	.9380	.9599	.9823	1.0051	1.0285
8.0000	1.0522	1.0768	1.1023	1.1290	1.1567
8.5000	1.1855	1.2153	1.2462	1.2782	1.3112
9.0000	1.3453	1.3804	1.4166	1.4539	1.4922
9.5000	1.5316	1.5721	1.6136	1.6561	1.6998
10.0000	1.7445	1.7908	1.8394	1.8901	1.9431
10.5000	1.9983	2.0557	2.1153	2.1772	2.2412
11.0000	2.3075	2.3791	2.4592	2.5478	2.6449
11.5000	2.7505	2.9010	3.1327	3.4456	3.8397
12.0000	4.6150	5.3903	5.7844	6.0973	6.3290
12.5000	6.4795	6.5851	6.6822	6.7708	6.8509
13.0000	6.9225	6.9888	7.0528	7.1147	7.1743
13.5000	7.2317	7.2869	7.3399	7.3906	7.4392
14.0000	7.4855	7.5302	7.5739	7.6164	7.6579
14.5000	7.6984	7.7378	7.7761	7.8134	7.8496
15.0000	7.8847	7.9188	7.9518	7.9838	8.0147
15.5000	8.0445	8.0733	8.1010	8.1277	8.1532
16.0000	8.1778	8.2016	8.2249	8.2477	8.2701
16.5000	8.2920	8.3135	8.3345	8.3550	8.3751
17.0000	8.3947	8.4139	8.4325	8.4508	8.4685
17.5000	8.4859	8.5027	8.5191	8.5350	8.5505
18.0000	8.5654	8.5801	8.5947	8.6091	8.6234
18.5000	8.6375	8.6516	8.6654	8.6792	8.6927
19.0000	8.7062	8.7195	8.7327	8.7457	8.7586
19.5000	8.7714	8.7840	8.7965	8.8088	8.8210
20.0000	8.8331	8.8450	8.8569	8.8686	8.8803
20.5000	8.8918	8.9033	8.9145	8.9258	8.9369
21.0000	8.9479	8.9588	8.9696	8.9803	8.9909
21.5000	9.0014	9.0118	9.0220	9.0323	9.0424

CUMULATIVE RAINFALL DEPTHS (in)
Output Time increment = .1000 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.0000	9.0523	9.0622	9.0720	9.0816	9.0912
22.5000	9.1006	9.1100	9.1192	9.1284	9.1374
23.0000	9.1464	9.1551	9.1639	9.1725	9.1811
23.5000	9.1895	9.1978	9.2060	9.2141	9.2221
24.0000	9.2300				

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 2.7500 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR AA 1
Tc = .2000 hrs
Drainage Area = .983 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .066 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
11.0500	.00	.00	.00	.00	.01
11.3000	.01	.01	.01	.01	.02
11.5500	.02	.03	.04	.05	.07
11.8000	.09	.12	.16	.21	.31
12.0500	.45	.57	.66	.65	.59
12.3000	.52	.47	.42	.37	.32
12.5500	.27	.23	.20	.17	.16
12.8000	.15	.14	.13	.12	.12
13.0500	.11	.11	.10	.10	.10
13.3000	.10	.10	.09	.09	.09
13.5500	.09	.09	.09	.09	.08
13.8000	.08	.08	.08	.08	.08
14.0500	.08	.07	.07	.07	.07
14.3000	.07	.07	.07	.07	.07
14.5500	.07	.07	.06	.06	.06
14.8000	.06	.06	.06	.06	.06
15.0500	.06	.06	.06	.06	.06
15.3000	.05	.05	.05	.05	.05
15.5500	.05	.05	.05	.05	.05
15.8000	.05	.05	.05	.04	.04
16.0500	.04	.04	.04	.04	.04
16.3000	.04	.04	.04	.04	.04
16.5500	.04	.04	.04	.04	.04
16.8000	.04	.04	.04	.03	.03
17.0500	.03	.03	.03	.03	.03
17.3000	.03	.03	.03	.03	.03
17.5500	.03	.03	.03	.03	.03
17.8000	.03	.03	.03	.03	.03
18.0500	.03	.03	.03	.03	.03
18.3000	.03	.03	.03	.03	.03

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.5500	.02	.02	.02	.02	.02
18.8000	.02	.02	.02	.02	.02
19.0500	.02	.02	.02	.02	.02
19.3000	.02	.02	.02	.02	.02
19.5500	.02	.02	.02	.02	.02
19.8000	.02	.02	.02	.02	.02
20.0500	.02	.02	.02	.02	.02
20.3000	.02	.02	.02	.02	.02
20.5500	.02	.02	.02	.02	.02
20.8000	.02	.02	.02	.02	.02
21.0500	.02	.02	.02	.02	.02
21.3000	.02	.02	.02	.02	.02
21.5500	.02	.02	.02	.02	.02
21.8000	.02	.02	.02	.02	.02
22.0500	.02	.02	.02	.02	.02
22.3000	.02	.02	.02	.02	.02
22.5500	.02	.02	.02	.02	.02
22.8000	.02	.02	.02	.02	.02
23.0500	.02	.02	.02	.02	.02
23.3000	.02	.02	.02	.02	.02
23.5500	.02	.02	.02	.02	.02
23.8000	.02	.01	.01	.01	.01
24.0500	.01	.01	.01	.00	.00
24.3000	.00	.00			

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 3.3700 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR AA 2
Tc = .2000 hrs
Drainage Area = .983 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .099 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
10.3500	.00	.00	.00	.00	.00
10.6000	.01	.01	.01	.01	.01
10.8500	.01	.01	.02	.02	.02
11.1000	.02	.02	.03	.03	.03
11.3500	.04	.04	.05	.05	.06
11.6000	.07	.09	.11	.15	.19
11.8500	.24	.29	.38	.54	.74
12.1000	.93	1.04	1.02	.91	.79
12.3500	.70	.62	.55	.47	.40
12.6000	.33	.28	.25	.23	.21
12.8500	.20	.19	.18	.17	.16
13.1000	.16	.15	.14	.14	.14
13.3500	.14	.13	.13	.13	.13
13.6000	.13	.12	.12	.12	.12
13.8500	.12	.11	.11	.11	.11
14.1000	.10	.10	.10	.10	.10
14.3500	.10	.10	.10	.09	.09
14.6000	.09	.09	.09	.09	.09
14.8500	.09	.09	.08	.08	.08
15.1000	.08	.08	.08	.08	.08
15.3500	.08	.07	.07	.07	.07
15.6000	.07	.07	.07	.07	.07
15.8500	.06	.06	.06	.06	.06
16.1000	.06	.06	.06	.06	.06
16.3500	.05	.05	.05	.05	.05
16.6000	.05	.05	.05	.05	.05
16.8500	.05	.05	.05	.05	.05
17.1000	.05	.05	.05	.05	.04
17.3500	.04	.04	.04	.04	.04
17.6000	.04	.04	.04	.04	.04

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
17.8500	.04	.04	.04	.04	.04
18.1000	.04	.04	.04	.04	.04
18.3500	.04	.04	.03	.03	.03
18.6000	.03	.03	.03	.03	.03
18.8500	.03	.03	.03	.03	.03
19.1000	.03	.03	.03	.03	.03
19.3500	.03	.03	.03	.03	.03
19.6000	.03	.03	.03	.03	.03
19.8500	.03	.03	.03	.03	.03
20.1000	.03	.03	.03	.03	.03
20.3500	.03	.03	.03	.03	.03
20.6000	.03	.03	.03	.03	.03
20.8500	.03	.03	.03	.03	.03
21.1000	.03	.03	.03	.03	.03
21.3500	.03	.03	.03	.03	.03
21.6000	.03	.03	.03	.03	.03
21.8500	.03	.03	.03	.03	.02
22.1000	.02	.02	.02	.02	.02
22.3500	.02	.02	.02	.02	.02
22.6000	.02	.02	.02	.02	.02
22.8500	.02	.02	.02	.02	.02
23.1000	.02	.02	.02	.02	.02
23.3500	.02	.02	.02	.02	.02
23.6000	.02	.02	.02	.02	.02
23.8500	.02	.02	.02	.02	.02
24.1000	.01	.01	.01	.00	.00
24.3500	.00				

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.0800 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR AA 10
Tc = .2000 hrs
Drainage Area = .983 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .206 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
8.7500	.00	.00	.00	.00	.00
9.0000	.00	.01	.01	.01	.01
9.2500	.01	.01	.01	.01	.02
9.5000	.02	.02	.02	.02	.02
9.7500	.02	.03	.03	.03	.03
10.0000	.03	.03	.04	.04	.04
10.2500	.04	.05	.05	.05	.05
10.5000	.06	.06	.06	.07	.07
10.7500	.07	.08	.08	.08	.09
11.0000	.09	.10	.10	.11	.11
11.2500	.12	.13	.14	.15	.17
11.5000	.18	.19	.22	.27	.33
11.7500	.42	.52	.63	.76	.95
12.0000	1.29	1.70	2.06	2.23	2.14
12.2500	1.88	1.62	1.41	1.24	1.08
12.5000	.92	.77	.65	.55	.48
12.7500	.43	.40	.38	.36	.34
13.0000	.32	.31	.29	.28	.27
13.2500	.27	.26	.26	.25	.25
13.5000	.24	.24	.23	.23	.23
13.7500	.22	.22	.21	.21	.21
14.0000	.20	.20	.19	.19	.19
14.2500	.18	.18	.18	.18	.18
14.5000	.17	.17	.17	.17	.17
14.7500	.16	.16	.16	.16	.15
15.0000	.15	.15	.15	.15	.14
15.2500	.14	.14	.14	.14	.13
15.5000	.13	.13	.13	.13	.12
15.7500	.12	.12	.12	.11	.11
16.0000	.11	.11	.11	.10	.10

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
16.2500	.10	.10	.10	.10	.10
16.5000	.10	.10	.09	.09	.09
16.7500	.09	.09	.09	.09	.09
17.0000	.09	.09	.08	.08	.08
17.2500	.08	.08	.08	.08	.08
17.5000	.08	.08	.08	.07	.07
17.7500	.07	.07	.07	.07	.07
18.0000	.07	.07	.07	.06	.06
18.2500	.06	.06	.06	.06	.06
18.5000	.06	.06	.06	.06	.06
18.7500	.06	.06	.06	.06	.06
19.0000	.06	.06	.06	.06	.06
19.2500	.06	.06	.06	.06	.06
19.5000	.06	.06	.06	.06	.06
19.7500	.05	.05	.05	.05	.05
20.0000	.05	.05	.05	.05	.05
20.2500	.05	.05	.05	.05	.05
20.5000	.05	.05	.05	.05	.05
20.7500	.05	.05	.05	.05	.05
21.0000	.05	.05	.05	.05	.05
21.2500	.05	.05	.05	.05	.05
21.5000	.05	.05	.05	.05	.05
21.7500	.05	.05	.05	.05	.04
22.0000	.04	.04	.04	.04	.04
22.2500	.04	.04	.04	.04	.04
22.5000	.04	.04	.04	.04	.04
22.7500	.04	.04	.04	.04	.04
23.0000	.04	.04	.04	.04	.04
23.2500	.04	.04	.04	.04	.04
23.5000	.04	.04	.04	.04	.04
23.7500	.04	.04	.04	.04	.04
24.0000	.04	.03	.03	.02	.01
24.2500	.00	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.4400 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR AA 25
Tc = .2000 hrs
Drainage Area = .983 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .300 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
7.7500	.00	.00	.00	.00	.00
8.0000	.00	.00	.01	.01	.01
8.2500	.01	.01	.01	.01	.01
8.5000	.01	.02	.02	.02	.02
8.7500	.02	.02	.02	.03	.03
9.0000	.03	.03	.03	.03	.04
9.2500	.04	.04	.04	.04	.05
9.5000	.05	.05	.05	.06	.06
9.7500	.06	.06	.07	.07	.07
10.0000	.07	.08	.08	.08	.09
10.2500	.09	.09	.10	.10	.11
10.5000	.11	.12	.12	.13	.13
10.7500	.14	.14	.15	.15	.16
11.0000	.16	.17	.18	.19	.20
11.2500	.21	.23	.24	.26	.28
11.5000	.30	.32	.37	.44	.54
11.7500	.67	.82	.99	1.18	1.46
12.0000	1.95	2.54	3.03	3.26	3.10
12.2500	2.71	2.31	2.01	1.75	1.52
12.5000	1.29	1.09	.90	.77	.67
12.7500	.60	.56	.53	.50	.47
13.0000	.45	.42	.41	.39	.38
13.2500	.37	.36	.35	.35	.34
13.5000	.34	.33	.32	.32	.31
13.7500	.31	.30	.29	.29	.28
14.0000	.28	.27	.26	.26	.26
14.2500	.25	.25	.25	.24	.24
14.5000	.24	.23	.23	.23	.23
14.7500	.22	.22	.22	.21	.21
15.0000	.21	.21	.20	.20	.20

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
15.2500	.19	.19	.19	.19	.18
15.5000	.18	.18	.17	.17	.17
15.7500	.16	.16	.16	.16	.15
16.0000	.15	.15	.14	.14	.14
16.2500	.14	.14	.13	.13	.13
16.5000	.13	.13	.13	.13	.13
16.7500	.12	.12	.12	.12	.12
17.0000	.12	.12	.12	.11	.11
17.2500	.11	.11	.11	.11	.11
17.5000	.10	.10	.10	.10	.10
17.7500	.10	.10	.10	.09	.09
18.0000	.09	.09	.09	.09	.09
18.2500	.09	.09	.09	.09	.08
18.5000	.08	.08	.08	.08	.08
18.7500	.08	.08	.08	.08	.08
19.0000	.08	.08	.08	.08	.08
19.2500	.08	.08	.08	.08	.08
19.5000	.08	.08	.08	.08	.07
19.7500	.07	.07	.07	.07	.07
20.0000	.07	.07	.07	.07	.07
20.2500	.07	.07	.07	.07	.07
20.5000	.07	.07	.07	.07	.07
20.7500	.07	.07	.07	.07	.07
21.0000	.07	.07	.07	.07	.06
21.2500	.06	.06	.06	.06	.06
21.5000	.06	.06	.06	.06	.06
21.7500	.06	.06	.06	.06	.06
22.0000	.06	.06	.06	.06	.06
22.2500	.06	.06	.06	.06	.06
22.5000	.06	.06	.06	.06	.06
22.7500	.06	.06	.05	.05	.05
23.0000	.05	.05	.05	.05	.05
23.2500	.05	.05	.05	.05	.05
23.5000	.05	.05	.05	.05	.05
23.7500	.05	.05	.05	.05	.05
24.0000	.05	.05	.04	.02	.01
24.2500	.01	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration = 24.0000 hrs Rain Depth = 7.7000 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR AA 50
Tc = .2000 hrs
Drainage Area = .983 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .391 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
7.0000	.00	.00	.00	.00	.00
7.2500	.00	.01	.01	.01	.01
7.5000	.01	.01	.01	.01	.01
7.7500	.01	.01	.02	.02	.02
8.0000	.02	.02	.02	.02	.02
8.2500	.03	.03	.03	.03	.03
8.5000	.03	.04	.04	.04	.04
8.7500	.04	.05	.05	.05	.05
9.0000	.06	.06	.06	.06	.07
9.2500	.07	.07	.08	.08	.08
9.5000	.08	.09	.09	.09	.10
9.7500	.10	.10	.11	.11	.11
10.0000	.12	.12	.13	.13	.13
10.2500	.14	.15	.15	.16	.16
10.5000	.17	.18	.18	.19	.20
10.7500	.20	.21	.22	.22	.23
11.0000	.24	.25	.26	.27	.29
11.2500	.31	.33	.35	.37	.39
11.5000	.42	.45	.51	.61	.75
11.7500	.92	1.13	1.35	1.59	1.95
12.0000	2.59	3.35	3.97	4.23	4.00
12.2500	3.49	2.96	2.57	2.23	1.93
12.5000	1.64	1.38	1.15	.97	.84
12.7500	.76	.71	.66	.63	.59
13.0000	.56	.53	.51	.49	.47
13.2500	.46	.45	.44	.44	.43
13.5000	.42	.41	.41	.40	.39
13.7500	.38	.38	.37	.36	.35
14.0000	.35	.34	.33	.33	.32
14.2500	.32	.31	.31	.30	.30

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
14.5000	.30	.29	.29	.29	.28
14.7500	.28	.28	.27	.27	.26
15.0000	.26	.26	.25	.25	.25
15.2500	.24	.24	.23	.23	.23
15.5000	.22	.22	.22	.21	.21
15.7500	.20	.20	.20	.19	.19
16.0000	.19	.18	.18	.18	.17
16.2500	.17	.17	.17	.17	.16
16.5000	.16	.16	.16	.16	.16
16.7500	.15	.15	.15	.15	.15
17.0000	.15	.14	.14	.14	.14
17.2500	.14	.14	.13	.13	.13
17.5000	.13	.13	.13	.12	.12
17.7500	.12	.12	.12	.12	.12
18.0000	.11	.11	.11	.11	.11
18.2500	.11	.11	.11	.11	.11
18.5000	.10	.10	.10	.10	.10
18.7500	.10	.10	.10	.10	.10
19.0000	.10	.10	.10	.10	.10
19.2500	.10	.10	.10	.10	.10
19.5000	.09	.09	.09	.09	.09
19.7500	.09	.09	.09	.09	.09
20.0000	.09	.09	.09	.09	.09
20.2500	.09	.09	.09	.09	.09
20.5000	.09	.09	.09	.08	.08
20.7500	.08	.08	.08	.08	.08
21.0000	.08	.08	.08	.08	.08
21.2500	.08	.08	.08	.08	.08
21.5000	.08	.08	.08	.08	.08
21.7500	.08	.08	.08	.08	.07
22.0000	.07	.07	.07	.07	.07
22.2500	.07	.07	.07	.07	.07
22.5000	.07	.07	.07	.07	.07
22.7500	.07	.07	.07	.07	.07
23.0000	.07	.07	.07	.07	.07
23.2500	.07	.06	.06	.06	.06
23.5000	.06	.06	.06	.06	.06
23.7500	.06	.06	.06	.06	.06
24.0000	.06	.06	.04	.03	.01
24.2500	.01	.00	.00	.00	.00

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 9.2300 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR AA 100
Tc = .2000 hrs
Drainage Area = .983 acres Runoff CN= 75
Calc.Increment= .02667 hrs Out.Incr.= .0500 hrs
HYG Volume = .505 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
6.2000	.00	.00	.00	.00	.00
6.4500	.00	.00	.01	.01	.01
6.7000	.01	.01	.01	.01	.01
6.9500	.01	.01	.02	.02	.02
7.2000	.02	.02	.02	.02	.02
7.4500	.03	.03	.03	.03	.03
7.7000	.03	.03	.04	.04	.04
7.9500	.04	.04	.04	.04	.05
8.2000	.05	.05	.05	.06	.06
8.4500	.06	.06	.07	.07	.07
8.7000	.08	.08	.08	.08	.09
8.9500	.09	.10	.10	.10	.11
9.2000	.11	.11	.12	.12	.12
9.4500	.13	.13	.14	.14	.15
9.7000	.15	.15	.16	.16	.17
9.9500	.17	.18	.18	.19	.19
10.2000	.20	.21	.21	.22	.23
10.4500	.24	.25	.25	.26	.27
10.7000	.28	.29	.30	.31	.32
10.9500	.33	.34	.35	.36	.38
11.2000	.40	.42	.45	.48	.51
11.4500	.54	.57	.62	.70	.82
11.7000	1.01	1.24	1.51	1.79	2.11
11.9500	2.57	3.38	4.35	5.12	5.43
12.2000	5.12	4.44	3.76	3.25	2.81
12.4500	2.44	2.07	1.73	1.44	1.21
12.7000	1.06	.95	.88	.83	.78
12.9500	.74	.70	.67	.64	.61
13.2000	.59	.58	.56	.55	.54
13.4500	.53	.52	.52	.51	.50

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
13.7000	.49	.48	.47	.46	.45
13.9500	.44	.43	.42	.41	.40
14.2000	.40	.39	.39	.38	.38
14.4500	.37	.37	.36	.36	.36
14.7000	.35	.35	.34	.34	.33
14.9500	.33	.32	.32	.31	.31
15.2000	.30	.30	.30	.29	.29
15.4500	.28	.28	.27	.27	.26
15.7000	.26	.25	.25	.24	.24
15.9500	.24	.23	.23	.22	.22
16.2000	.22	.21	.21	.21	.21
16.4500	.20	.20	.20	.20	.20
16.7000	.19	.19	.19	.19	.19
16.9500	.18	.18	.18	.18	.18
17.2000	.17	.17	.17	.17	.16
17.4500	.16	.16	.16	.16	.15
17.7000	.15	.15	.15	.15	.14
17.9500	.14	.14	.14	.14	.13
18.2000	.13	.13	.13	.13	.13
18.4500	.13	.13	.13	.13	.13
18.7000	.13	.13	.13	.13	.12
18.9500	.12	.12	.12	.12	.12
19.2000	.12	.12	.12	.12	.12
19.4500	.12	.12	.12	.12	.12
19.7000	.11	.11	.11	.11	.11
19.9500	.11	.11	.11	.11	.11
20.2000	.11	.11	.11	.11	.11
20.4500	.11	.11	.11	.10	.10
20.7000	.10	.10	.10	.10	.10
20.9500	.10	.10	.10	.10	.10
21.2000	.10	.10	.10	.10	.10
21.4500	.10	.10	.10	.10	.10
21.7000	.09	.09	.09	.09	.09
21.9500	.09	.09	.09	.09	.09
22.2000	.09	.09	.09	.09	.09
22.4500	.09	.09	.09	.09	.09
22.7000	.09	.08	.08	.08	.08
22.9500	.08	.08	.08	.08	.08
23.2000	.08	.08	.08	.08	.08
23.4500	.08	.08	.08	.08	.08
23.7000	.08	.08	.08	.07	.07
23.9500	.07	.07	.07	.05	.03
24.2000	.02	.01	.01	.00	.00
24.4500	.00				

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 2.7500 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-N 1
Tc = .0833 hrs
Drainage Area = 1.788 acres Runoff CN= 97
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = .359 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
2.4000	.00	.00	.00	.00	.00
2.6500	.00	.00	.00	.00	.01
2.9000	.01	.01	.01	.01	.01
3.1500	.01	.01	.01	.01	.01
3.4000	.01	.01	.01	.01	.01
3.6500	.01	.01	.01	.02	.02
3.9000	.02	.02	.02	.02	.02
4.1500	.02	.02	.02	.02	.02
4.4000	.02	.02	.02	.02	.02
4.6500	.02	.03	.03	.03	.03
4.9000	.03	.03	.03	.03	.03
5.1500	.03	.03	.03	.03	.03
5.4000	.03	.03	.03	.04	.04
5.6500	.04	.04	.04	.04	.04
5.9000	.04	.04	.04	.04	.04
6.1500	.04	.04	.04	.05	.05
6.4000	.05	.05	.05	.05	.05
6.6500	.05	.06	.06	.06	.06
6.9000	.06	.06	.06	.06	.06
7.1500	.07	.07	.07	.07	.07
7.4000	.07	.07	.07	.08	.08
7.6500	.08	.08	.08	.08	.08
7.9000	.09	.09	.09	.09	.09
8.1500	.09	.10	.10	.10	.10
8.4000	.11	.11	.11	.11	.12
8.6500	.12	.12	.13	.13	.13
8.9000	.13	.14	.14	.14	.15
9.1500	.15	.15	.15	.16	.16
9.4000	.16	.17	.17	.17	.18
9.6500	.18	.18	.18	.19	.19

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
9.9000	.19	.20	.20	.20	.21
10.1500	.21	.22	.22	.23	.24
10.4000	.24	.25	.25	.26	.27
10.6500	.27	.28	.28	.29	.30
10.9000	.30	.31	.31	.33	.34
11.1500	.36	.38	.40	.42	.44
11.4000	.47	.49	.51	.60	.71
11.6500	.89	1.09	1.30	1.51	1.72
11.9000	1.94	2.73	3.68	3.94	4.01
12.1500	3.29	2.36	1.97	1.72	1.50
12.4000	1.28	1.07	.86	.72	.59
12.6500	.55	.52	.50	.47	.45
12.9000	.43	.41	.38	.37	.35
13.1500	.35	.34	.33	.33	.32
13.4000	.32	.31	.31	.30	.29
13.6500	.29	.28	.28	.27	.26
13.9000	.26	.25	.25	.24	.24
14.1500	.23	.23	.23	.23	.22
14.4000	.22	.22	.21	.21	.21
14.6500	.21	.20	.20	.20	.20
14.9000	.19	.19	.19	.18	.18
15.1500	.18	.18	.17	.17	.17
15.4000	.16	.16	.16	.16	.15
15.6500	.15	.15	.14	.14	.14
15.9000	.14	.13	.13	.13	.13
16.1500	.13	.12	.12	.12	.12
16.4000	.12	.12	.12	.12	.11
16.6500	.11	.11	.11	.11	.11
16.9000	.11	.11	.10	.10	.10
17.1500	.10	.10	.10	.10	.10
17.4000	.09	.09	.09	.09	.09
17.6500	.09	.09	.09	.08	.08
17.9000	.08	.08	.08	.08	.08
18.1500	.08	.08	.08	.08	.08
18.4000	.08	.08	.08	.07	.07
18.6500	.07	.07	.07	.07	.07
18.9000	.07	.07	.07	.07	.07
19.1500	.07	.07	.07	.07	.07
19.4000	.07	.07	.07	.07	.07
19.6500	.07	.07	.07	.07	.07
19.9000	.06	.06	.06	.06	.06
20.1500	.06	.06	.06	.06	.06
20.4000	.06	.06	.06	.06	.06
20.6500	.06	.06	.06	.06	.06
20.9000	.06	.06	.06	.06	.06

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
21.1500	.06	.06	.06	.06	.06
21.4000	.06	.06	.06	.06	.06
21.6500	.06	.05	.05	.05	.05
21.9000	.05	.05	.05	.05	.05
22.1500	.05	.05	.05	.05	.05
22.4000	.05	.05	.05	.05	.05
22.6500	.05	.05	.05	.05	.05
22.9000	.05	.05	.05	.05	.05
23.1500	.05	.05	.05	.05	.05
23.4000	.05	.05	.04	.04	.04
23.6500	.04	.04	.04	.04	.04
23.9000	.04	.04	.04	.03	.01
24.1500	.00	.00			

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-N IN
HYG Tag = 1

Peak Discharge = 4.01 cfs
Time to Peak = 12.1000 hrs
HYG Volume = .359 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
2.4000	.00	.00	.00	.00	.00
2.6500	.00	.00	.00	.00	.01
2.9000	.01	.01	.01	.01	.01
3.1500	.01	.01	.01	.01	.01
3.4000	.01	.01	.01	.01	.01
3.6500	.01	.01	.01	.02	.02
3.9000	.02	.02	.02	.02	.02
4.1500	.02	.02	.02	.02	.02
4.4000	.02	.02	.02	.02	.02
4.6500	.02	.03	.03	.03	.03
4.9000	.03	.03	.03	.03	.03
5.1500	.03	.03	.03	.03	.03
5.4000	.03	.03	.03	.04	.04
5.6500	.04	.04	.04	.04	.04
5.9000	.04	.04	.04	.04	.04
6.1500	.04	.04	.04	.05	.05
6.4000	.05	.05	.05	.05	.05
6.6500	.05	.06	.06	.06	.06
6.9000	.06	.06	.06	.06	.06
7.1500	.07	.07	.07	.07	.07
7.4000	.07	.07	.07	.08	.08
7.6500	.08	.08	.08	.08	.08
7.9000	.09	.09	.09	.09	.09
8.1500	.09	.10	.10	.10	.10
8.4000	.11	.11	.11	.11	.12
8.6500	.12	.12	.13	.13	.13
8.9000	.13	.14	.14	.14	.15
9.1500	.15	.15	.15	.16	.16
9.4000	.16	.17	.17	.17	.18
9.6500	.18	.18	.18	.19	.19
9.9000	.19	.20	.20	.20	.21

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 3.3700 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-N 2
Tc = .0833 hrs
Drainage Area = 1.788 acres Runoff CN= 97
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = .451 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
1.9500	.00	.00	.00	.00	.00
2.2000	.00	.00	.01	.01	.01
2.4500	.01	.01	.01	.01	.01
2.7000	.01	.01	.01	.01	.01
2.9500	.01	.01	.02	.02	.02
3.2000	.02	.02	.02	.02	.02
3.4500	.02	.02	.02	.02	.02
3.7000	.02	.03	.03	.03	.03
3.9500	.03	.03	.03	.03	.03
4.2000	.03	.03	.03	.03	.03
4.4500	.04	.04	.04	.04	.04
4.7000	.04	.04	.04	.04	.04
4.9500	.04	.04	.04	.04	.05
5.2000	.05	.05	.05	.05	.05
5.4500	.05	.05	.05	.05	.05
5.7000	.05	.05	.05	.06	.06
5.9500	.06	.06	.06	.06	.06
6.2000	.06	.06	.07	.07	.07
6.4500	.07	.07	.07	.07	.07
6.7000	.08	.08	.08	.08	.08
6.9500	.08	.09	.09	.09	.09
7.2000	.09	.09	.10	.10	.10
7.4500	.10	.10	.10	.10	.11
7.7000	.11	.11	.11	.11	.11
7.9500	.12	.12	.12	.12	.13
8.2000	.13	.13	.14	.14	.14
8.4500	.15	.15	.15	.16	.16
8.7000	.16	.17	.17	.17	.18
8.9500	.18	.18	.19	.19	.19
9.2000	.20	.20	.20	.21	.21

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
9.4500	.22	.22	.22	.23	.23
9.7000	.23	.24	.24	.25	.25
9.9500	.25	.26	.26	.27	.27
10.2000	.28	.29	.29	.30	.31
10.4500	.32	.32	.33	.34	.35
10.7000	.35	.36	.37	.38	.38
10.9500	.39	.40	.41	.43	.45
11.2000	.48	.51	.53	.56	.59
11.4500	.62	.64	.75	.89	1.11
11.7000	1.37	1.62	1.88	2.15	2.41
11.9500	3.39	4.57	4.88	4.97	4.07
12.2000	2.92	2.44	2.12	1.85	1.58
12.4500	1.32	1.06	.89	.73	.68
12.7000	.64	.61	.58	.56	.53
12.9500	.50	.47	.45	.44	.43
13.2000	.42	.41	.40	.40	.39
13.4500	.38	.38	.37	.36	.35
13.7000	.35	.34	.33	.33	.32
13.9500	.31	.30	.30	.29	.29
14.2000	.29	.28	.28	.27	.27
14.4500	.27	.26	.26	.26	.25
14.7000	.25	.25	.24	.24	.24
14.9500	.23	.23	.23	.22	.22
15.2000	.22	.21	.21	.21	.20
15.4500	.20	.20	.19	.19	.19
15.7000	.18	.18	.18	.17	.17
15.9500	.16	.16	.16	.16	.15
16.2000	.15	.15	.15	.15	.15
16.4500	.14	.14	.14	.14	.14
16.7000	.14	.14	.13	.13	.13
16.9500	.13	.13	.13	.13	.12
17.2000	.12	.12	.12	.12	.12
17.4500	.11	.11	.11	.11	.11
17.7000	.11	.11	.10	.10	.10
17.9500	.10	.10	.10	.10	.10
18.2000	.10	.09	.09	.09	.09
18.4500	.09	.09	.09	.09	.09
18.7000	.09	.09	.09	.09	.09
18.9500	.09	.09	.09	.09	.09
19.2000	.09	.09	.09	.08	.08
19.4500	.08	.08	.08	.08	.08
19.7000	.08	.08	.08	.08	.08
19.9500	.08	.08	.08	.08	.08
20.2000	.08	.08	.08	.08	.08
20.4500	.08	.08	.08	.07	.07

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
20.7000	.07	.07	.07	.07	.07
20.9500	.07	.07	.07	.07	.07
21.2000	.07	.07	.07	.07	.07
21.4500	.07	.07	.07	.07	.07
21.7000	.07	.07	.07	.07	.07
21.9500	.07	.07	.06	.06	.06
22.2000	.06	.06	.06	.06	.06
22.4500	.06	.06	.06	.06	.06
22.7000	.06	.06	.06	.06	.06
22.9500	.06	.06	.06	.06	.06
23.2000	.06	.06	.06	.06	.06
23.4500	.06	.06	.05	.05	.05
23.7000	.05	.05	.05	.05	.05
23.9500	.05	.05	.03	.01	.00
24.2000	.00				

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-N IN
HYG Tag = 2

Peak Discharge = 4.97 cfs
Time to Peak = 12.1000 hrs
HYG Volume = .451 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
1.9500	.00	.00	.00	.00	.00
2.2000	.00	.00	.01	.01	.01
2.4500	.01	.01	.01	.01	.01
2.7000	.01	.01	.01	.01	.01
2.9500	.01	.01	.02	.02	.02
3.2000	.02	.02	.02	.02	.02
3.4500	.02	.02	.02	.02	.02
3.7000	.02	.03	.03	.03	.03
3.9500	.03	.03	.03	.03	.03
4.2000	.03	.03	.03	.03	.03
4.4500	.04	.04	.04	.04	.04
4.7000	.04	.04	.04	.04	.04
4.9500	.04	.04	.04	.04	.05
5.2000	.05	.05	.05	.05	.05
5.4500	.05	.05	.05	.05	.05
5.7000	.05	.05	.05	.06	.06
5.9500	.06	.06	.06	.06	.06
6.2000	.06	.06	.07	.07	.07
6.4500	.07	.07	.07	.07	.07
6.7000	.08	.08	.08	.08	.08
6.9500	.08	.09	.09	.09	.09
7.2000	.09	.09	.10	.10	.10
7.4500	.10	.10	.10	.10	.11
7.7000	.11	.11	.11	.11	.11
7.9500	.12	.12	.12	.12	.13
8.2000	.13	.13	.14	.14	.14
8.4500	.15	.15	.15	.16	.16
8.7000	.16	.17	.17	.17	.18
8.9500	.18	.18	.19	.19	.19
9.2000	.20	.20	.20	.21	.21
9.4500	.22	.22	.22	.23	.23

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.0800 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-N 10
Tc = .0833 hrs
Drainage Area = 1.788 acres Runoff CN= 97
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = .704 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
1.3000	.00	.00	.00	.00	.01
1.5500	.01	.01	.01	.01	.01
1.8000	.01	.01	.02	.02	.02
2.0500	.02	.02	.02	.02	.02
2.3000	.03	.03	.03	.03	.03
2.5500	.03	.03	.03	.03	.04
2.8000	.04	.04	.04	.04	.04
3.0500	.04	.04	.05	.05	.05
3.3000	.05	.05	.05	.05	.05
3.5500	.05	.06	.06	.06	.06
3.8000	.06	.06	.06	.06	.07
4.0500	.07	.07	.07	.07	.07
4.3000	.07	.07	.07	.08	.08
4.5500	.08	.08	.08	.08	.08
4.8000	.08	.08	.09	.09	.09
5.0500	.09	.09	.09	.09	.09
5.3000	.09	.09	.10	.10	.10
5.5500	.10	.10	.10	.10	.10
5.8000	.10	.10	.11	.11	.11
6.0500	.11	.11	.11	.11	.12
6.3000	.12	.12	.12	.13	.13
6.5500	.13	.13	.14	.14	.14
6.8000	.14	.15	.15	.15	.15
7.0500	.15	.16	.16	.16	.16
7.3000	.17	.17	.17	.17	.18
7.5500	.18	.18	.18	.19	.19
7.8000	.19	.19	.20	.20	.20
8.0500	.20	.21	.21	.22	.22
8.3000	.23	.23	.24	.24	.25
8.5500	.25	.26	.27	.27	.28

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.8000	.28	.29	.29	.30	.30
9.0500	.31	.31	.32	.32	.33
9.3000	.34	.34	.35	.35	.36
9.5500	.36	.37	.37	.38	.38
9.8000	.39	.40	.40	.41	.41
10.0500	.42	.43	.44	.45	.46
10.3000	.47	.48	.49	.50	.51
10.5500	.53	.54	.55	.56	.57
10.8000	.58	.59	.60	.61	.63
11.0500	.65	.67	.71	.75	.79
11.3000	.83	.88	.92	.96	1.00
11.5500	1.17	1.38	1.73	2.12	2.51
11.8000	2.91	3.31	3.71	5.21	7.01
12.0500	7.46	7.58	6.21	4.44	3.71
12.3000	3.23	2.81	2.41	2.01	1.61
12.5500	1.35	1.11	1.03	.97	.93
12.8000	.89	.85	.80	.76	.72
13.0500	.69	.66	.65	.64	.62
13.3000	.61	.60	.59	.58	.57
13.5500	.56	.55	.54	.53	.52
13.8000	.50	.49	.48	.47	.46
14.0500	.45	.44	.44	.43	.43
14.3000	.42	.42	.41	.41	.40
14.5500	.40	.39	.39	.38	.37
14.8000	.37	.36	.36	.35	.35
15.0500	.34	.34	.33	.33	.32
15.3000	.32	.31	.31	.30	.30
15.5500	.29	.29	.28	.28	.27
15.8000	.27	.26	.25	.25	.24
16.0500	.24	.24	.23	.23	.23
16.3000	.23	.22	.22	.22	.22
16.5500	.22	.21	.21	.21	.21
16.8000	.20	.20	.20	.20	.19
17.0500	.19	.19	.19	.19	.18
17.3000	.18	.18	.18	.17	.17
17.5500	.17	.17	.16	.16	.16
17.8000	.16	.16	.15	.15	.15
18.0500	.15	.15	.14	.14	.14
18.3000	.14	.14	.14	.14	.14
18.5500	.14	.14	.14	.14	.14
18.8000	.14	.14	.13	.13	.13
19.0500	.13	.13	.13	.13	.13
19.3000	.13	.13	.13	.13	.13
19.5500	.13	.13	.12	.12	.12
19.8000	.12	.12	.12	.12	.12

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
20.0500	.12	.12	.12	.12	.12
20.3000	.12	.12	.12	.11	.11
20.5500	.11	.11	.11	.11	.11
20.8000	.11	.11	.11	.11	.11
21.0500	.11	.11	.11	.11	.11
21.3000	.11	.11	.11	.10	.10
21.5500	.10	.10	.10	.10	.10
21.8000	.10	.10	.10	.10	.10
22.0500	.10	.10	.10	.10	.10
22.3000	.10	.09	.09	.09	.09
22.5500	.09	.09	.09	.09	.09
22.8000	.09	.09	.09	.09	.09
23.0500	.09	.09	.09	.09	.09
23.3000	.09	.08	.08	.08	.08
23.5500	.08	.08	.08	.08	.08
23.8000	.08	.08	.08	.08	.08
24.0500	.05	.01	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-N IN
HYG Tag = 10

Peak Discharge =	7.58 cfs
Time to Peak =	12.1000 hrs
HYG Volume =	.704 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
1.3000	.00	.00	.00	.00	.01
1.5500	.01	.01	.01	.01	.01
1.8000	.01	.01	.02	.02	.02
2.0500	.02	.02	.02	.02	.02
2.3000	.03	.03	.03	.03	.03
2.5500	.03	.03	.03	.03	.04
2.8000	.04	.04	.04	.04	.04
3.0500	.04	.04	.05	.05	.05
3.3000	.05	.05	.05	.05	.05
3.5500	.05	.06	.06	.06	.06
3.8000	.06	.06	.06	.06	.07
4.0500	.07	.07	.07	.07	.07
4.3000	.07	.07	.07	.08	.08
4.5500	.08	.08	.08	.08	.08
4.8000	.08	.08	.09	.09	.09
5.0500	.09	.09	.09	.09	.09
5.3000	.09	.09	.10	.10	.10
5.5500	.10	.10	.10	.10	.10
5.8000	.10	.10	.11	.11	.11
6.0500	.11	.11	.11	.11	.12
6.3000	.12	.12	.12	.13	.13
6.5500	.13	.13	.14	.14	.14
6.8000	.14	.15	.15	.15	.15
7.0500	.15	.16	.16	.16	.16
7.3000	.17	.17	.17	.17	.18
7.5500	.18	.18	.18	.19	.19
7.8000	.19	.19	.20	.20	.20
8.0500	.20	.21	.21	.22	.22
8.3000	.23	.23	.24	.24	.25
8.5500	.25	.26	.27	.27	.28
8.8000	.28	.29	.29	.30	.30

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.4400 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-N 25
Tc = .0833 hrs
Drainage Area = 1.788 acres Runoff CN= 97
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = .906 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
1.0000	.00	.00	.00	.01	.01
1.2500	.01	.01	.01	.02	.02
1.5000	.02	.02	.02	.03	.03
1.7500	.03	.03	.03	.03	.03
2.0000	.04	.04	.04	.04	.04
2.2500	.04	.05	.05	.05	.05
2.5000	.05	.05	.05	.06	.06
2.7500	.06	.06	.06	.06	.07
3.0000	.07	.07	.07	.07	.07
3.2500	.07	.08	.08	.08	.08
3.5000	.08	.08	.08	.09	.09
3.7500	.09	.09	.09	.09	.10
4.0000	.10	.10	.10	.10	.10
4.2500	.10	.11	.11	.11	.11
4.5000	.11	.11	.11	.11	.12
4.7500	.12	.12	.12	.12	.12
5.0000	.12	.13	.13	.13	.13
5.2500	.13	.13	.13	.13	.14
5.5000	.14	.14	.14	.14	.14
5.7500	.14	.14	.15	.15	.15
6.0000	.15	.15	.15	.16	.16
6.2500	.16	.16	.17	.17	.17
6.5000	.18	.18	.18	.18	.19
6.7500	.19	.19	.20	.20	.20
7.0000	.21	.21	.21	.22	.22
7.2500	.22	.22	.23	.23	.23
7.5000	.24	.24	.24	.25	.25
7.7500	.25	.25	.26	.26	.26
8.0000	.27	.27	.28	.28	.29
8.2500	.30	.30	.31	.32	.32

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.5000	.33	.34	.34	.35	.36
8.7500	.36	.37	.38	.38	.39
9.0000	.40	.40	.41	.42	.42
9.2500	.43	.44	.44	.45	.46
9.5000	.47	.47	.48	.49	.49
9.7500	.50	.51	.51	.52	.53
10.0000	.53	.54	.55	.57	.58
10.2500	.59	.61	.62	.64	.65
10.5000	.66	.68	.69	.71	.72
10.7500	.73	.75	.76	.78	.79
11.0000	.81	.83	.87	.91	.97
11.2500	1.02	1.07	1.12	1.18	1.23
11.5000	1.28	1.50	1.77	2.21	2.71
11.7500	3.21	3.72	4.22	4.74	6.65
12.0000	8.93	9.51	9.65	7.90	5.65
12.2500	4.71	4.10	3.57	3.06	2.56
12.5000	2.05	1.71	1.41	1.30	1.24
12.7500	1.18	1.13	1.07	1.02	.97
13.0000	.91	.88	.84	.82	.81
13.2500	.79	.78	.77	.75	.74
13.5000	.72	.71	.70	.68	.67
13.7500	.65	.64	.63	.61	.60
14.0000	.59	.57	.56	.56	.55
14.2500	.54	.54	.53	.52	.52
14.5000	.51	.50	.50	.49	.48
14.7500	.48	.47	.46	.46	.45
15.0000	.44	.44	.43	.42	.42
15.2500	.41	.40	.40	.39	.38
15.5000	.38	.37	.36	.36	.35
15.7500	.34	.34	.33	.32	.32
16.0000	.31	.30	.30	.30	.29
16.2500	.29	.29	.28	.28	.28
16.5000	.28	.27	.27	.27	.26
16.7500	.26	.26	.26	.25	.25
17.0000	.25	.24	.24	.24	.24
17.2500	.23	.23	.23	.22	.22
17.5000	.22	.22	.21	.21	.21
17.7500	.20	.20	.20	.20	.19
18.0000	.19	.19	.18	.18	.18
18.2500	.18	.18	.18	.18	.18
18.5000	.18	.18	.18	.18	.17
18.7500	.17	.17	.17	.17	.17
19.0000	.17	.17	.17	.17	.17
19.2500	.16	.16	.16	.16	.16
19.5000	.16	.16	.16	.16	.16

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.7500	.16	.16	.15	.15	.15
20.0000	.15	.15	.15	.15	.15
20.2500	.15	.15	.15	.15	.15
20.5000	.14	.14	.14	.14	.14
20.7500	.14	.14	.14	.14	.14
21.0000	.14	.14	.14	.14	.14
21.2500	.14	.13	.13	.13	.13
21.5000	.13	.13	.13	.13	.13
21.7500	.13	.13	.13	.13	.13
22.0000	.13	.12	.12	.12	.12
22.2500	.12	.12	.12	.12	.12
22.5000	.12	.12	.12	.12	.12
22.7500	.12	.11	.11	.11	.11
23.0000	.11	.11	.11	.11	.11
23.2500	.11	.11	.11	.11	.11
23.5000	.11	.11	.10	.10	.10
23.7500	.10	.10	.10	.10	.10
24.0000	.10	.06	.02	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-N IN
HYG Tag = 25

Peak Discharge = 9.65 cfs
Time to Peak = 12.1000 hrs
HYG Volume = .906 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
1.0000	.00	.00	.00	.01	.01
1.2500	.01	.01	.01	.02	.02
1.5000	.02	.02	.02	.03	.03
1.7500	.03	.03	.03	.03	.03
2.0000	.04	.04	.04	.04	.04
2.2500	.04	.05	.05	.05	.05
2.5000	.05	.05	.05	.06	.06
2.7500	.06	.06	.06	.06	.07
3.0000	.07	.07	.07	.07	.07
3.2500	.07	.08	.08	.08	.08
3.5000	.08	.08	.08	.09	.09
3.7500	.09	.09	.09	.09	.10
4.0000	.10	.10	.10	.10	.10
4.2500	.10	.11	.11	.11	.11
4.5000	.11	.11	.11	.11	.12
4.7500	.12	.12	.12	.12	.12
5.0000	.12	.13	.13	.13	.13
5.2500	.13	.13	.13	.13	.14
5.5000	.14	.14	.14	.14	.14
5.7500	.14	.14	.15	.15	.15
6.0000	.15	.15	.15	.16	.16
6.2500	.16	.16	.17	.17	.17
6.5000	.18	.18	.18	.18	.19
6.7500	.19	.19	.20	.20	.20
7.0000	.21	.21	.21	.22	.22
7.2500	.22	.22	.23	.23	.23
7.5000	.24	.24	.24	.25	.25
7.7500	.25	.25	.26	.26	.26
8.0000	.27	.27	.28	.28	.29
8.2500	.30	.30	.31	.32	.32
8.5000	.33	.34	.34	.35	.36

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration = 24.0000 hrs Rain Depth = 7.7000 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-N 50
Tc = .0833 hrs
Drainage Area = 1.788 acres Runoff CN= 97
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.094 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.8500	.00	.00	.01	.01	.01
1.1000	.01	.02	.02	.02	.03
1.3500	.03	.03	.03	.04	.04
1.6000	.04	.04	.04	.05	.05
1.8500	.05	.05	.05	.05	.06
2.1000	.06	.06	.06	.06	.07
2.3500	.07	.07	.07	.07	.08
2.6000	.08	.08	.08	.08	.08
2.8500	.09	.09	.09	.09	.09
3.1000	.10	.10	.10	.10	.10
3.3500	.10	.11	.11	.11	.11
3.6000	.11	.11	.12	.12	.12
3.8500	.12	.12	.13	.13	.13
4.1000	.13	.13	.13	.13	.14
4.3500	.14	.14	.14	.14	.14
4.6000	.15	.15	.15	.15	.15
4.8500	.15	.16	.16	.16	.16
5.1000	.16	.16	.16	.17	.17
5.3500	.17	.17	.17	.17	.17
5.6000	.18	.18	.18	.18	.18
5.8500	.18	.18	.19	.19	.19
6.1000	.19	.20	.20	.20	.21
6.3500	.21	.21	.22	.22	.22
6.6000	.23	.23	.23	.24	.24
6.8500	.24	.25	.25	.26	.26
7.1000	.26	.27	.27	.27	.28
7.3500	.28	.28	.29	.29	.30
7.6000	.30	.30	.31	.31	.31
7.8500	.32	.32	.33	.33	.33
8.1000	.34	.35	.35	.36	.37

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.3500	.38	.39	.39	.40	.41
8.6000	.42	.43	.44	.44	.45
8.8500	.46	.47	.48	.48	.49
9.1000	.50	.51	.52	.52	.53
9.3500	.54	.55	.56	.57	.57
9.6000	.58	.59	.60	.61	.61
9.8500	.62	.63	.64	.65	.66
10.1000	.67	.69	.70	.72	.74
10.3500	.75	.77	.79	.80	.82
10.6000	.84	.85	.87	.89	.90
10.8500	.92	.94	.95	.97	1.00
11.1000	1.04	1.10	1.16	1.23	1.29
11.3500	1.35	1.42	1.48	1.54	1.81
11.6000	2.13	2.66	3.25	3.85	4.46
11.8500	5.07	5.68	7.97	10.71	11.39
12.1000	11.56	9.46	6.77	5.64	4.91
12.3500	4.28	3.67	3.06	2.45	2.05
12.6000	1.69	1.56	1.48	1.41	1.35
12.8500	1.29	1.22	1.16	1.09	1.05
13.1000	1.01	.98	.97	.95	.93
13.3500	.92	.90	.88	.87	.85
13.6000	.83	.82	.80	.78	.77
13.8500	.75	.73	.72	.70	.69
14.1000	.67	.67	.66	.65	.64
14.3500	.63	.63	.62	.61	.60
14.6000	.59	.59	.58	.57	.56
14.8500	.55	.55	.54	.53	.52
15.1000	.51	.51	.50	.49	.48
15.3500	.47	.47	.46	.45	.44
15.6000	.43	.43	.42	.41	.40
15.8500	.39	.39	.38	.37	.36
16.1000	.36	.35	.35	.35	.34
16.3500	.34	.34	.33	.33	.33
16.6000	.32	.32	.32	.31	.31
16.8500	.31	.30	.30	.30	.29
17.1000	.29	.29	.28	.28	.28
17.3500	.27	.27	.26	.26	.26
17.6000	.25	.25	.25	.24	.24
17.8500	.24	.23	.23	.23	.22
18.1000	.22	.22	.22	.22	.22
18.3500	.22	.22	.21	.21	.21
18.6000	.21	.21	.21	.21	.21
18.8500	.21	.20	.20	.20	.20
19.1000	.20	.20	.20	.20	.20
19.3500	.19	.19	.19	.19	.19

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.6000	.19	.19	.19	.19	.19
19.8500	.18	.18	.18	.18	.18
20.1000	.18	.18	.18	.18	.18
20.3500	.18	.17	.17	.17	.17
20.6000	.17	.17	.17	.17	.17
20.8500	.17	.17	.17	.17	.17
21.1000	.16	.16	.16	.16	.16
21.3500	.16	.16	.16	.16	.16
21.6000	.16	.16	.15	.15	.15
21.8500	.15	.15	.15	.15	.15
22.1000	.15	.15	.15	.15	.14
22.3500	.14	.14	.14	.14	.14
22.6000	.14	.14	.14	.14	.14
22.8500	.14	.14	.14	.13	.13
23.1000	.13	.13	.13	.13	.13
23.3500	.13	.13	.13	.13	.13
23.6000	.12	.12	.12	.12	.12
23.8500	.12	.12	.12	.12	.07
24.1000	.02	.00	.00		

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-N IN
HYG Tag = 50

Peak Discharge =	11.56 cfs
Time to Peak =	12.1000 hrs
HYG Volume =	1.094 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
.8500	.00	.00	.01	.01	.01
1.1000	.01	.02	.02	.02	.03
1.3500	.03	.03	.03	.04	.04
1.6000	.04	.04	.04	.05	.05
1.8500	.05	.05	.05	.05	.06
2.1000	.06	.06	.06	.06	.07
2.3500	.07	.07	.07	.07	.08
2.6000	.08	.08	.08	.08	.08
2.8500	.09	.09	.09	.09	.09
3.1000	.10	.10	.10	.10	.10
3.3500	.10	.11	.11	.11	.11
3.6000	.11	.11	.12	.12	.12
3.8500	.12	.12	.13	.13	.13
4.1000	.13	.13	.13	.13	.14
4.3500	.14	.14	.14	.14	.14
4.6000	.15	.15	.15	.15	.15
4.8500	.15	.16	.16	.16	.16
5.1000	.16	.16	.16	.17	.17
5.3500	.17	.17	.17	.17	.17
5.6000	.18	.18	.18	.18	.18
5.8500	.18	.18	.19	.19	.19
6.1000	.19	.20	.20	.20	.21
6.3500	.21	.21	.22	.22	.22
6.6000	.23	.23	.23	.24	.24
6.8500	.24	.25	.25	.26	.26
7.1000	.26	.27	.27	.27	.28
7.3500	.28	.28	.29	.29	.30
7.6000	.30	.30	.31	.31	.31
7.8500	.32	.32	.33	.33	.33
8.1000	.34	.35	.35	.36	.37
8.3500	.38	.39	.39	.40	.41

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 9.2300 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-N 100
Tc = .0833 hrs
Drainage Area = 1.788 acres Runoff CN= 97
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.321 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
.7000	.00	.00	.01	.01	.02
.9500	.02	.02	.03	.03	.03
1.2000	.04	.04	.04	.05	.05
1.4500	.05	.06	.06	.06	.06
1.7000	.07	.07	.07	.07	.07
1.9500	.08	.08	.08	.08	.09
2.2000	.09	.09	.09	.09	.10
2.4500	.10	.10	.10	.11	.11
2.7000	.11	.11	.11	.12	.12
2.9500	.12	.12	.13	.13	.13
3.2000	.13	.13	.14	.14	.14
3.4500	.14	.14	.15	.15	.15
3.7000	.15	.15	.16	.16	.16
3.9500	.16	.16	.17	.17	.17
4.2000	.17	.17	.18	.18	.18
4.4500	.18	.18	.18	.19	.19
4.7000	.19	.19	.19	.19	.20
4.9500	.20	.20	.20	.20	.21
5.2000	.21	.21	.21	.21	.21
5.4500	.22	.22	.22	.22	.22
5.7000	.22	.23	.23	.23	.23
5.9500	.23	.23	.24	.24	.24
6.2000	.25	.25	.26	.26	.26
6.4500	.27	.27	.28	.28	.28
6.7000	.29	.29	.30	.30	.31
6.9500	.31	.31	.32	.32	.33
7.2000	.33	.34	.34	.35	.35
7.4500	.35	.36	.36	.37	.37
7.7000	.38	.38	.38	.39	.39
7.9500	.40	.40	.41	.42	.42

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.2000	.43	.44	.45	.46	.47
8.4500	.48	.49	.50	.51	.52
8.7000	.53	.54	.55	.56	.57
8.9500	.58	.59	.60	.61	.62
9.2000	.63	.64	.65	.66	.67
9.4500	.68	.69	.69	.70	.71
9.7000	.72	.73	.74	.75	.76
9.9500	.77	.78	.80	.81	.83
10.2000	.85	.87	.89	.91	.93
10.4500	.95	.97	.99	1.01	1.03
10.7000	1.05	1.07	1.09	1.11	1.13
10.9500	1.15	1.17	1.21	1.26	1.33
11.2000	1.40	1.48	1.55	1.63	1.71
11.4500	1.78	1.86	2.18	2.56	3.20
11.7000	3.91	4.64	5.37	6.10	6.83
11.9500	9.58	12.86	13.68	13.88	11.36
12.2000	8.12	6.77	5.89	5.13	4.40
12.4500	3.67	2.94	2.45	2.03	1.87
12.7000	1.78	1.70	1.62	1.54	1.47
12.9500	1.39	1.31	1.26	1.21	1.18
13.2000	1.16	1.14	1.12	1.10	1.08
13.4500	1.06	1.04	1.02	1.00	.98
13.7000	.96	.94	.92	.90	.88
13.9500	.86	.84	.82	.81	.80
14.2000	.79	.78	.77	.76	.75
14.4500	.74	.73	.72	.71	.70
14.7000	.69	.68	.67	.66	.65
14.9500	.65	.64	.63	.62	.61
15.2000	.60	.59	.58	.57	.56
15.4500	.55	.54	.53	.52	.51
15.7000	.50	.49	.48	.47	.46
15.9500	.45	.44	.44	.43	.43
16.2000	.42	.42	.41	.41	.40
16.4500	.40	.40	.39	.39	.38
16.7000	.38	.38	.37	.37	.36
16.9500	.36	.35	.35	.35	.34
17.2000	.34	.33	.33	.33	.32
17.4500	.32	.31	.31	.30	.30
17.7000	.30	.29	.29	.28	.28
17.9500	.28	.27	.27	.27	.26
18.2000	.26	.26	.26	.26	.26
18.4500	.26	.25	.25	.25	.25
18.7000	.25	.25	.25	.25	.24
18.9500	.24	.24	.24	.24	.24
19.2000	.24	.24	.23	.23	.23

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.4500	.23	.23	.23	.23	.23
19.7000	.22	.22	.22	.22	.22
19.9500	.22	.22	.22	.21	.21
20.2000	.21	.21	.21	.21	.21
20.4500	.21	.21	.21	.21	.20
20.7000	.20	.20	.20	.20	.20
20.9500	.20	.20	.20	.20	.20
21.2000	.19	.19	.19	.19	.19
21.4500	.19	.19	.19	.19	.19
21.7000	.19	.18	.18	.18	.18
21.9500	.18	.18	.18	.18	.18
22.2000	.18	.18	.17	.17	.17
22.4500	.17	.17	.17	.17	.17
22.7000	.17	.17	.16	.16	.16
22.9500	.16	.16	.16	.16	.16
23.2000	.16	.16	.16	.15	.15
23.4500	.15	.15	.15	.15	.15
23.7000	.15	.15	.15	.15	.14
23.9500	.14	.14	.09	.02	.00
24.2000	.00				

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-N IN
HYG Tag = 100

Peak Discharge =	13.88 cfs
Time to Peak =	12.1000 hrs
HYG Volume =	1.321 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
.7000	.00	.00	.01	.01	.02
.9500	.02	.02	.03	.03	.03
1.2000	.04	.04	.04	.05	.05
1.4500	.05	.06	.06	.06	.06
1.7000	.07	.07	.07	.07	.07
1.9500	.08	.08	.08	.08	.09
2.2000	.09	.09	.09	.09	.10
2.4500	.10	.10	.10	.11	.11
2.7000	.11	.11	.11	.12	.12
2.9500	.12	.12	.13	.13	.13
3.2000	.13	.13	.14	.14	.14
3.4500	.14	.14	.15	.15	.15
3.7000	.15	.15	.16	.16	.16
3.9500	.16	.16	.17	.17	.17
4.2000	.17	.17	.18	.18	.18
4.4500	.18	.18	.18	.19	.19
4.7000	.19	.19	.19	.19	.20
4.9500	.20	.20	.20	.20	.21
5.2000	.21	.21	.21	.21	.21
5.4500	.22	.22	.22	.22	.22
5.7000	.22	.23	.23	.23	.23
5.9500	.23	.23	.24	.24	.24
6.2000	.25	.25	.26	.26	.26
6.4500	.27	.27	.28	.28	.28
6.7000	.29	.29	.30	.30	.31
6.9500	.31	.31	.32	.32	.33
7.2000	.33	.34	.34	.35	.35
7.4500	.35	.36	.36	.37	.37
7.7000	.38	.38	.38	.39	.39
7.9500	.40	.40	.41	.42	.42
8.2000	.43	.44	.45	.46	.47

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 2.7500 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-S 1
Tc = .0833 hrs
Drainage Area = 1.713 acres Runoff CN= 92
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = .275 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
5.6000	.00	.00	.00	.00	.00
5.8500	.00	.00	.00	.00	.00
6.1000	.00	.00	.01	.01	.01
6.3500	.01	.01	.01	.01	.01
6.6000	.01	.01	.01	.01	.01
6.8500	.01	.01	.01	.01	.01
7.1000	.02	.02	.02	.02	.02
7.3500	.02	.02	.02	.02	.02
7.6000	.02	.02	.03	.03	.03
7.8500	.03	.03	.03	.03	.03
8.1000	.03	.03	.04	.04	.04
8.3500	.04	.04	.04	.04	.05
8.6000	.05	.05	.05	.05	.06
8.8500	.06	.06	.06	.06	.07
9.1000	.07	.07	.07	.07	.08
9.3500	.08	.08	.08	.09	.09
9.6000	.09	.09	.09	.10	.10
9.8500	.10	.10	.11	.11	.11
10.1000	.12	.12	.12	.13	.13
10.3500	.14	.14	.15	.15	.16
10.6000	.16	.17	.17	.18	.18
10.8500	.19	.19	.20	.20	.21
11.1000	.22	.24	.25	.27	.28
11.3500	.30	.32	.34	.35	.42
11.6000	.50	.64	.79	.95	1.12
11.8500	1.30	1.49	2.14	2.94	3.21
12.1000	3.32	2.76	2.00	1.68	1.47
12.3500	1.29	1.11	.93	.75	.62
12.6000	.52	.48	.45	.43	.41
12.8500	.40	.38	.36	.34	.32

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
13.1000	.31	.30	.30	.29	.29
13.3500	.28	.28	.27	.27	.26
13.6000	.26	.25	.25	.24	.24
13.8500	.23	.23	.22	.22	.21
14.1000	.21	.21	.21	.20	.20
14.3500	.20	.20	.19	.19	.19
14.6000	.19	.18	.18	.18	.18
14.8500	.17	.17	.17	.17	.16
15.1000	.16	.16	.16	.15	.15
15.3500	.15	.15	.14	.14	.14
15.6000	.14	.13	.13	.13	.13
15.8500	.12	.12	.12	.12	.12
16.1000	.11	.11	.11	.11	.11
16.3500	.11	.11	.11	.10	.10
16.6000	.10	.10	.10	.10	.10
16.8500	.10	.10	.09	.09	.09
17.1000	.09	.09	.09	.09	.09
17.3500	.09	.08	.08	.08	.08
17.6000	.08	.08	.08	.08	.08
17.8500	.08	.07	.07	.07	.07
18.1000	.07	.07	.07	.07	.07
18.3500	.07	.07	.07	.07	.07
18.6000	.07	.07	.07	.07	.07
18.8500	.07	.07	.06	.06	.06
19.1000	.06	.06	.06	.06	.06
19.3500	.06	.06	.06	.06	.06
19.6000	.06	.06	.06	.06	.06
19.8500	.06	.06	.06	.06	.06
20.1000	.06	.06	.06	.06	.06
20.3500	.06	.06	.06	.06	.06
20.6000	.05	.05	.05	.05	.05
20.8500	.05	.05	.05	.05	.05
21.1000	.05	.05	.05	.05	.05
21.3500	.05	.05	.05	.05	.05
21.6000	.05	.05	.05	.05	.05
21.8500	.05	.05	.05	.05	.05
22.1000	.05	.05	.05	.05	.05
22.3500	.05	.05	.05	.05	.05
22.6000	.05	.04	.04	.04	.04
22.8500	.04	.04	.04	.04	.04
23.1000	.04	.04	.04	.04	.04
23.3500	.04	.04	.04	.04	.04
23.6000	.04	.04	.04	.04	.04
23.8500	.04	.04	.04	.04	.02
24.1000	.01	.00	.00		

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 3.3700 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-S 2
Tc = .0833 hrs
Drainage Area = 1.713 acres Runoff CN= 92
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = .359 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
4.8000	.00	.00	.00	.00	.00
5.0500	.00	.00	.00	.00	.00
5.3000	.01	.01	.01	.01	.01
5.5500	.01	.01	.01	.01	.01
5.8000	.01	.01	.01	.01	.01
6.0500	.01	.01	.01	.01	.02
6.3000	.02	.02	.02	.02	.02
6.5500	.02	.02	.02	.02	.02
6.8000	.02	.03	.03	.03	.03
7.0500	.03	.03	.03	.03	.03
7.3000	.03	.04	.04	.04	.04
7.5500	.04	.04	.04	.04	.05
7.8000	.05	.05	.05	.05	.05
8.0500	.05	.05	.06	.06	.06
8.3000	.06	.07	.07	.07	.07
8.5500	.07	.08	.08	.08	.08
8.8000	.09	.09	.09	.09	.10
9.0500	.10	.10	.11	.11	.11
9.3000	.11	.12	.12	.12	.13
9.5500	.13	.13	.14	.14	.14
9.8000	.15	.15	.15	.16	.16
10.0500	.16	.17	.17	.18	.18
10.3000	.19	.20	.20	.21	.21
10.5500	.22	.23	.23	.24	.25
10.8000	.25	.26	.27	.27	.28
11.0500	.29	.31	.32	.35	.37
11.3000	.39	.41	.43	.46	.48
11.5500	.57	.67	.85	1.05	1.27
11.8000	1.49	1.72	1.95	2.79	3.82
12.0500	4.14	4.27	3.54	2.55	2.14

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
12.3000	1.87	1.64	1.41	1.18	.94
12.5500	.79	.66	.60	.57	.55
12.8000	.52	.50	.48	.45	.43
13.0500	.41	.39	.38	.38	.37
13.3000	.36	.36	.35	.35	.34
13.5500	.33	.33	.32	.31	.31
13.8000	.30	.29	.29	.28	.28
14.0500	.27	.27	.26	.26	.26
14.3000	.25	.25	.25	.24	.24
14.5500	.24	.23	.23	.23	.22
14.8000	.22	.22	.22	.21	.21
15.0500	.21	.20	.20	.20	.19
15.3000	.19	.19	.18	.18	.18
15.5500	.18	.17	.17	.17	.16
15.8000	.16	.16	.15	.15	.15
16.0500	.14	.14	.14	.14	.14
16.3000	.14	.14	.13	.13	.13
16.5500	.13	.13	.13	.13	.12
16.8000	.12	.12	.12	.12	.12
17.0500	.12	.11	.11	.11	.11
17.3000	.11	.11	.11	.11	.10
17.5500	.10	.10	.10	.10	.10
17.8000	.10	.09	.09	.09	.09
18.0500	.09	.09	.09	.09	.09
18.3000	.09	.09	.09	.09	.08
18.5500	.08	.08	.08	.08	.08
18.8000	.08	.08	.08	.08	.08
19.0500	.08	.08	.08	.08	.08
19.3000	.08	.08	.08	.08	.08
19.5500	.08	.08	.08	.07	.07
19.8000	.07	.07	.07	.07	.07
20.0500	.07	.07	.07	.07	.07
20.3000	.07	.07	.07	.07	.07
20.5500	.07	.07	.07	.07	.07
20.8000	.07	.07	.07	.07	.07
21.0500	.07	.07	.07	.06	.06
21.3000	.06	.06	.06	.06	.06
21.5500	.06	.06	.06	.06	.06
21.8000	.06	.06	.06	.06	.06
22.0500	.06	.06	.06	.06	.06
22.3000	.06	.06	.06	.06	.06
22.5500	.06	.06	.06	.06	.06
22.8000	.06	.05	.05	.05	.05
23.0500	.05	.05	.05	.05	.05
23.3000	.05	.05	.05	.05	.05

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
23.5500	.05	.05	.05	.05	.05
23.8000	.05	.05	.05	.05	.05
24.0500	.03	.01	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.0800 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-S 10
Tc = .0833 hrs
Drainage Area = 1.713 acres Runoff CN= 92
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = .595 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
3.4000	.00	.00	.00	.00	.00
3.6500	.00	.01	.01	.01	.01
3.9000	.01	.01	.01	.01	.01
4.1500	.01	.01	.01	.01	.02
4.4000	.02	.02	.02	.02	.02
4.6500	.02	.02	.02	.02	.02
4.9000	.02	.03	.03	.03	.03
5.1500	.03	.03	.03	.03	.03
5.4000	.03	.03	.04	.04	.04
5.6500	.04	.04	.04	.04	.04
5.9000	.04	.04	.04	.05	.05
6.1500	.05	.05	.05	.05	.05
6.4000	.06	.06	.06	.06	.06
6.6500	.06	.07	.07	.07	.07
6.9000	.07	.08	.08	.08	.08
7.1500	.08	.08	.09	.09	.09
7.4000	.09	.10	.10	.10	.10
7.6500	.10	.11	.11	.11	.11
7.9000	.11	.12	.12	.12	.12
8.1500	.13	.13	.14	.14	.14
8.4000	.15	.15	.16	.16	.17
8.6500	.17	.17	.18	.18	.19
8.9000	.19	.20	.20	.21	.21
9.1500	.22	.22	.23	.23	.24
9.4000	.24	.25	.25	.26	.26
9.6500	.27	.27	.28	.28	.29
9.9000	.29	.30	.30	.31	.32
10.1500	.33	.34	.35	.36	.37
10.4000	.38	.39	.40	.41	.42
10.6500	.43	.44	.45	.46	.47

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.9000	.48	.49	.50	.52	.54
11.1500	.58	.61	.65	.68	.72
11.4000	.76	.79	.83	.98	1.16
11.6500	1.46	1.80	2.14	2.50	2.87
11.9000	3.24	4.59	6.24	6.70	6.86
12.1500	5.65	4.06	3.40	2.96	2.59
12.4000	2.22	1.85	1.49	1.24	1.03
12.6500	.95	.90	.86	.82	.78
12.9000	.74	.71	.67	.64	.61
13.1500	.60	.59	.58	.57	.56
13.4000	.55	.54	.53	.52	.51
13.6500	.50	.49	.48	.47	.46
13.9000	.45	.44	.43	.42	.41
14.1500	.41	.40	.40	.39	.39
14.4000	.38	.38	.37	.37	.36
14.6500	.36	.35	.35	.35	.34
14.9000	.34	.33	.33	.32	.32
15.1500	.31	.31	.30	.30	.29
15.4000	.29	.28	.28	.27	.27
15.6500	.26	.26	.25	.25	.24
15.9000	.24	.23	.23	.22	.22
16.1500	.22	.22	.21	.21	.21
16.4000	.21	.21	.20	.20	.20
16.6500	.20	.20	.19	.19	.19
16.9000	.19	.18	.18	.18	.18
17.1500	.18	.17	.17	.17	.17
17.4000	.16	.16	.16	.16	.16
17.6500	.15	.15	.15	.15	.15
17.9000	.14	.14	.14	.14	.14
18.1500	.14	.14	.13	.13	.13
18.4000	.13	.13	.13	.13	.13
18.6500	.13	.13	.13	.13	.13
18.9000	.13	.13	.13	.12	.12
19.1500	.12	.12	.12	.12	.12
19.4000	.12	.12	.12	.12	.12
19.6500	.12	.12	.12	.11	.11
19.9000	.11	.11	.11	.11	.11
20.1500	.11	.11	.11	.11	.11
20.4000	.11	.11	.11	.11	.11
20.6500	.11	.10	.10	.10	.10
20.9000	.10	.10	.10	.10	.10
21.1500	.10	.10	.10	.10	.10
21.4000	.10	.10	.10	.10	.10
21.6500	.10	.10	.10	.10	.09
21.9000	.09	.09	.09	.09	.09

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.1500	.09	.09	.09	.09	.09
22.4000	.09	.09	.09	.09	.09
22.6500	.09	.09	.09	.09	.08
22.9000	.08	.08	.08	.08	.08
23.1500	.08	.08	.08	.08	.08
23.4000	.08	.08	.08	.08	.08
23.6500	.08	.08	.08	.08	.07
23.9000	.07	.07	.07	.05	.01
24.1500	.00	.00			

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.4400 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-S 25
Tc = .0833 hrs
Drainage Area = 1.713 acres Runoff CN= 92
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = .785 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
2.7500	.00	.00	.00	.00	.00
3.0000	.01	.01	.01	.01	.01
3.2500	.01	.01	.01	.01	.02
3.5000	.02	.02	.02	.02	.02
3.7500	.02	.02	.02	.03	.03
4.0000	.03	.03	.03	.03	.03
4.2500	.03	.03	.04	.04	.04
4.5000	.04	.04	.04	.04	.04
4.7500	.05	.05	.05	.05	.05
5.0000	.05	.05	.05	.06	.06
5.2500	.06	.06	.06	.06	.06
5.5000	.06	.06	.07	.07	.07
5.7500	.07	.07	.07	.07	.07
6.0000	.08	.08	.08	.08	.08
6.2500	.09	.09	.09	.09	.09
6.5000	.10	.10	.10	.10	.11
6.7500	.11	.11	.11	.12	.12
7.0000	.12	.12	.13	.13	.13
7.2500	.14	.14	.14	.14	.15
7.5000	.15	.15	.15	.16	.16
7.7500	.16	.17	.17	.17	.18
8.0000	.18	.18	.19	.19	.20
8.2500	.20	.21	.21	.22	.22
8.5000	.23	.24	.24	.25	.25
8.7500	.26	.27	.27	.28	.28
9.0000	.29	.30	.30	.31	.32
9.2500	.32	.33	.34	.34	.35
9.5000	.36	.36	.37	.38	.38
9.7500	.39	.40	.40	.41	.42
10.0000	.42	.43	.44	.45	.47

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.2500	.48	.49	.50	.52	.53
10.5000	.54	.56	.57	.58	.60
10.7500	.61	.62	.64	.65	.66
11.0000	.68	.70	.73	.78	.82
11.2500	.87	.92	.97	1.01	1.06
11.5000	1.11	1.31	1.54	1.94	2.38
11.7500	2.84	3.30	3.78	4.26	6.01
12.0000	8.13	8.71	8.89	7.31	5.24
12.2500	4.38	3.82	3.33	2.86	2.39
12.5000	1.91	1.60	1.32	1.22	1.16
12.7500	1.11	1.06	1.01	.96	.91
13.0000	.86	.82	.79	.77	.76
13.2500	.74	.73	.72	.71	.69
13.5000	.68	.67	.65	.64	.63
13.7500	.62	.60	.59	.58	.56
14.0000	.55	.54	.53	.52	.52
14.2500	.51	.50	.50	.49	.49
14.5000	.48	.47	.47	.46	.45
14.7500	.45	.44	.44	.43	.42
15.0000	.42	.41	.40	.40	.39
15.2500	.39	.38	.37	.37	.36
15.5000	.35	.35	.34	.34	.33
15.7500	.32	.32	.31	.30	.30
16.0000	.29	.29	.28	.28	.28
16.2500	.27	.27	.27	.27	.26
16.5000	.26	.26	.25	.25	.25
16.7500	.25	.24	.24	.24	.24
17.0000	.23	.23	.23	.23	.22
17.2500	.22	.22	.21	.21	.21
17.5000	.21	.20	.20	.20	.20
17.7500	.19	.19	.19	.18	.18
18.0000	.18	.18	.17	.17	.17
18.2500	.17	.17	.17	.17	.17
18.5000	.17	.17	.17	.17	.16
18.7500	.16	.16	.16	.16	.16
19.0000	.16	.16	.16	.16	.16
19.2500	.16	.15	.15	.15	.15
19.5000	.15	.15	.15	.15	.15
19.7500	.15	.15	.15	.14	.14
20.0000	.14	.14	.14	.14	.14
20.2500	.14	.14	.14	.14	.14
20.5000	.14	.14	.14	.13	.13
20.7500	.13	.13	.13	.13	.13
21.0000	.13	.13	.13	.13	.13
21.2500	.13	.13	.13	.13	.13

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
21.5000	.12	.12	.12	.12	.12
21.7500	.12	.12	.12	.12	.12
22.0000	.12	.12	.12	.12	.12
22.2500	.12	.11	.11	.11	.11
22.5000	.11	.11	.11	.11	.11
22.7500	.11	.11	.11	.11	.11
23.0000	.11	.11	.10	.10	.10
23.2500	.10	.10	.10	.10	.10
23.5000	.10	.10	.10	.10	.10
23.7500	.10	.10	.10	.09	.09
24.0000	.09	.06	.01	.00	.00

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration = 24.0000 hrs Rain Depth = 7.7000 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-S 50
Tc = .0833 hrs
Drainage Area = 1.713 acres Runoff CN= 92
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = .963 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
2.3500	.00	.00	.00	.00	.01
2.6000	.01	.01	.01	.01	.01
2.8500	.01	.02	.02	.02	.02
3.1000	.02	.02	.02	.03	.03
3.3500	.03	.03	.03	.03	.03
3.6000	.04	.04	.04	.04	.04
3.8500	.04	.04	.05	.05	.05
4.1000	.05	.05	.05	.05	.06
4.3500	.06	.06	.06	.06	.06
4.6000	.06	.07	.07	.07	.07
4.8500	.07	.07	.08	.08	.08
5.1000	.08	.08	.08	.08	.09
5.3500	.09	.09	.09	.09	.09
5.6000	.10	.10	.10	.10	.10
5.8500	.10	.10	.11	.11	.11
6.1000	.11	.11	.12	.12	.12
6.3500	.13	.13	.13	.13	.14
6.6000	.14	.14	.15	.15	.15
6.8500	.16	.16	.16	.17	.17
7.1000	.17	.18	.18	.18	.19
7.3500	.19	.19	.20	.20	.20
7.6000	.21	.21	.21	.22	.22
7.8500	.22	.23	.23	.24	.24
8.1000	.25	.25	.26	.27	.27
8.3500	.28	.29	.29	.30	.31
8.6000	.31	.32	.33	.34	.34
8.8500	.35	.36	.37	.37	.38
9.1000	.39	.40	.41	.41	.42
9.3500	.43	.44	.44	.45	.46
9.6000	.47	.48	.49	.49	.50

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
9.8500	.51	.52	.53	.53	.55
10.1000	.56	.57	.59	.60	.62
10.3500	.63	.65	.66	.68	.70
10.6000	.71	.73	.74	.76	.78
10.8500	.79	.81	.83	.84	.87
11.1000	.91	.96	1.02	1.08	1.13
11.3500	1.19	1.25	1.31	1.37	1.61
11.6000	1.90	2.38	2.92	3.48	4.04
11.8500	4.61	5.19	7.32	9.88	10.56
12.1000	10.76	8.83	6.33	5.29	4.61
12.3500	4.02	3.44	2.88	2.30	1.93
12.6000	1.59	1.47	1.39	1.33	1.27
12.8500	1.21	1.15	1.09	1.03	.99
13.1000	.95	.93	.91	.90	.88
13.3500	.87	.85	.83	.82	.80
13.6000	.79	.77	.76	.74	.72
13.8500	.71	.69	.68	.66	.65
14.1000	.64	.63	.62	.61	.61
14.3500	.60	.59	.58	.58	.57
14.6000	.56	.55	.55	.54	.53
14.8500	.52	.52	.51	.50	.49
15.1000	.49	.48	.47	.46	.46
15.3500	.45	.44	.43	.43	.42
15.6000	.41	.40	.40	.39	.38
15.8500	.37	.37	.36	.35	.35
16.1000	.34	.34	.33	.33	.33
16.3500	.32	.32	.32	.31	.31
16.6000	.31	.30	.30	.30	.29
16.8500	.29	.29	.28	.28	.28
17.1000	.27	.27	.27	.26	.26
17.3500	.26	.25	.25	.25	.24
17.6000	.24	.24	.23	.23	.23
17.8500	.22	.22	.22	.21	.21
18.1000	.21	.21	.21	.21	.21
18.3500	.20	.20	.20	.20	.20
18.6000	.20	.20	.20	.20	.20
18.8500	.19	.19	.19	.19	.19
19.1000	.19	.19	.19	.19	.19
19.3500	.18	.18	.18	.18	.18
19.6000	.18	.18	.18	.18	.18
19.8500	.18	.17	.17	.17	.17
20.1000	.17	.17	.17	.17	.17
20.3500	.17	.17	.17	.16	.16
20.6000	.16	.16	.16	.16	.16
20.8500	.16	.16	.16	.16	.16

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
21.1000	.16	.15	.15	.15	.15
21.3500	.15	.15	.15	.15	.15
21.6000	.15	.15	.15	.15	.15
21.8500	.14	.14	.14	.14	.14
22.1000	.14	.14	.14	.14	.14
22.3500	.14	.14	.14	.13	.13
22.6000	.13	.13	.13	.13	.13
22.8500	.13	.13	.13	.13	.13
23.1000	.13	.13	.12	.12	.12
23.3500	.12	.12	.12	.12	.12
23.6000	.12	.12	.12	.12	.12
23.8500	.11	.11	.11	.11	.07
24.1000	.02	.00	.00		

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 9.2300 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 BR-S 100
Tc = .0833 hrs
Drainage Area = 1.713 acres Runoff CN= 92
Calc.Increment= .01111 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.179 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
1.9500	.00	.00	.00	.00	.01
2.2000	.01	.01	.01	.01	.02
2.4500	.02	.02	.02	.02	.02
2.7000	.03	.03	.03	.03	.03
2.9500	.03	.04	.04	.04	.04
3.2000	.04	.05	.05	.05	.05
3.4500	.05	.05	.06	.06	.06
3.7000	.06	.06	.07	.07	.07
3.9500	.07	.07	.08	.08	.08
4.2000	.08	.08	.08	.09	.09
4.4500	.09	.09	.09	.10	.10
4.7000	.10	.10	.10	.11	.11
4.9500	.11	.11	.11	.12	.12
5.2000	.12	.12	.12	.12	.13
5.4500	.13	.13	.13	.13	.14
5.7000	.14	.14	.14	.14	.14
5.9500	.15	.15	.15	.15	.16
6.2000	.16	.16	.17	.17	.17
6.4500	.18	.18	.19	.19	.19
6.7000	.20	.20	.21	.21	.21
6.9500	.22	.22	.23	.23	.23
7.2000	.24	.24	.25	.25	.25
7.4500	.26	.26	.27	.27	.28
7.7000	.28	.28	.29	.29	.30
7.9500	.30	.31	.31	.32	.33
8.2000	.33	.34	.35	.36	.37
8.4500	.38	.39	.40	.40	.41
8.7000	.42	.43	.44	.45	.46
8.9500	.47	.48	.49	.50	.51
9.2000	.51	.52	.53	.54	.55

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
9.4500	.56	.57	.58	.59	.60
9.7000	.61	.62	.63	.64	.65
9.9500	.66	.67	.68	.70	.71
10.2000	.73	.75	.77	.79	.81
10.4500	.83	.85	.87	.88	.90
10.7000	.92	.94	.96	.98	1.00
10.9500	1.02	1.04	1.08	1.12	1.19
11.2000	1.25	1.32	1.40	1.47	1.54
11.4500	1.61	1.68	1.97	2.33	2.92
11.7000	3.57	4.25	4.93	5.62	6.31
11.9500	8.89	11.99	12.79	13.02	10.68
12.2000	7.65	6.39	5.56	4.85	4.16
12.4500	3.47	2.78	2.32	1.92	1.77
12.7000	1.68	1.60	1.53	1.46	1.39
12.9500	1.32	1.24	1.19	1.14	1.12
13.2000	1.10	1.08	1.06	1.04	1.02
13.4500	1.00	.99	.97	.95	.93
13.7000	.91	.89	.87	.85	.83
13.9500	.82	.80	.78	.77	.76
14.2000	.75	.74	.73	.72	.71
14.4500	.70	.69	.68	.68	.67
14.7000	.66	.65	.64	.63	.62
14.9500	.61	.60	.59	.59	.58
15.2000	.57	.56	.55	.54	.53
15.4500	.52	.51	.50	.50	.49
15.7000	.48	.47	.46	.45	.44
15.9500	.43	.42	.42	.41	.40
16.2000	.40	.40	.39	.39	.38
16.4500	.38	.38	.37	.37	.36
16.7000	.36	.36	.35	.35	.35
16.9500	.34	.34	.33	.33	.33
17.2000	.32	.32	.31	.31	.30
17.4500	.30	.30	.29	.29	.29
17.7000	.28	.28	.27	.27	.27
17.9500	.26	.26	.25	.25	.25
18.2000	.25	.25	.25	.25	.25
18.4500	.24	.24	.24	.24	.24
18.7000	.24	.24	.24	.23	.23
18.9500	.23	.23	.23	.23	.23
19.2000	.23	.22	.22	.22	.22
19.4500	.22	.22	.22	.22	.22
19.7000	.21	.21	.21	.21	.21
19.9500	.21	.21	.21	.20	.20
20.2000	.20	.20	.20	.20	.20
20.4500	.20	.20	.20	.20	.19

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.7000	.19	.19	.19	.19	.19
20.9500	.19	.19	.19	.19	.19
21.2000	.19	.18	.18	.18	.18
21.4500	.18	.18	.18	.18	.18
21.7000	.18	.18	.18	.17	.17
21.9500	.17	.17	.17	.17	.17
22.2000	.17	.17	.16	.16	.16
22.4500	.16	.16	.16	.16	.16
22.7000	.16	.16	.16	.16	.16
22.9500	.15	.15	.15	.15	.15
23.2000	.15	.15	.15	.15	.15
23.4500	.15	.14	.14	.14	.14
23.7000	.14	.14	.14	.14	.14
23.9500	.14	.14	.09	.02	.00
24.2000	.00				

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 2.7500 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 OS 1
Tc = .1000 hrs
Drainage Area = 2.206 acres Runoff CN= 75
Calc.Increment= .01333 hrs Out.Incr.= .0500 hrs
HYG Volume = .147 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
10.9500	.00	.00	.00	.01	.01
11.2000	.01	.02	.02	.03	.04
11.4500	.04	.05	.06	.08	.12
11.7000	.17	.22	.30	.38	.49
11.9500	.74	1.18	1.48	1.70	1.63
12.2000	1.26	1.09	.96	.87	.76
12.4500	.66	.53	.45	.37	.34
12.7000	.32	.31	.29	.28	.27
12.9500	.26	.24	.24	.23	.22
13.2000	.22	.22	.21	.21	.21
13.4500	.20	.20	.20	.19	.19
13.7000	.19	.18	.18	.18	.17
13.9500	.17	.17	.16	.16	.16
14.2000	.16	.16	.15	.15	.15
14.4500	.15	.15	.15	.14	.14
14.7000	.14	.14	.14	.14	.13
14.9500	.13	.13	.13	.13	.13
15.2000	.12	.12	.12	.12	.12
15.4500	.11	.11	.11	.11	.11
15.7000	.11	.10	.10	.10	.10
15.9500	.10	.09	.09	.09	.09
16.2000	.09	.09	.09	.09	.09
16.4500	.09	.08	.08	.08	.08
16.7000	.08	.08	.08	.08	.08
16.9500	.08	.08	.08	.07	.07
17.2000	.07	.07	.07	.07	.07
17.4500	.07	.07	.07	.07	.07
17.7000	.06	.06	.06	.06	.06
17.9500	.06	.06	.06	.06	.06
18.2000	.06	.06	.06	.06	.06

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.4500	.06	.06	.06	.06	.06
18.7000	.05	.05	.05	.05	.05
18.9500	.05	.05	.05	.05	.05
19.2000	.05	.05	.05	.05	.05
19.4500	.05	.05	.05	.05	.05
19.7000	.05	.05	.05	.05	.05
19.9500	.05	.05	.05	.05	.05
20.2000	.05	.05	.05	.05	.05
20.4500	.05	.05	.05	.05	.05
20.7000	.05	.05	.05	.05	.04
20.9500	.04	.04	.04	.04	.04
21.2000	.04	.04	.04	.04	.04
21.4500	.04	.04	.04	.04	.04
21.7000	.04	.04	.04	.04	.04
21.9500	.04	.04	.04	.04	.04
22.2000	.04	.04	.04	.04	.04
22.4500	.04	.04	.04	.04	.04
22.7000	.04	.04	.04	.04	.04
22.9500	.04	.04	.04	.04	.04
23.2000	.04	.04	.04	.04	.04
23.4500	.04	.03	.03	.03	.03
23.7000	.03	.03	.03	.03	.03
23.9500	.03	.03	.02	.01	.00
24.2000	.00				

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 3.3700 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 OS 2
Tc = .1000 hrs
Drainage Area = 2.206 acres Runoff CN= 75
Calc.Increment= .01333 hrs Out.Incr.= .0500 hrs
HYG Volume = .223 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
10.2500	.00	.00	.00	.01	.01
10.5000	.01	.02	.02	.02	.02
10.7500	.03	.03	.04	.04	.04
11.0000	.05	.05	.06	.06	.07
11.2500	.08	.09	.10	.11	.12
11.5000	.14	.16	.21	.27	.36
11.7500	.46	.58	.72	.89	1.28
12.0000	1.97	2.38	2.67	2.50	1.91
12.2500	1.62	1.43	1.28	1.11	.96
12.5000	.77	.66	.54	.49	.46
12.7500	.44	.42	.41	.39	.37
13.0000	.35	.34	.32	.32	.31
13.2500	.31	.30	.30	.29	.29
13.5000	.28	.28	.27	.27	.27
13.7500	.26	.26	.25	.25	.24
14.0000	.24	.23	.23	.22	.22
14.2500	.22	.22	.22	.21	.21
14.5000	.21	.21	.20	.20	.20
14.7500	.20	.19	.19	.19	.19
15.0000	.18	.18	.18	.18	.17
15.2500	.17	.17	.17	.16	.16
15.5000	.16	.16	.15	.15	.15
15.7500	.14	.14	.14	.14	.13
16.0000	.13	.13	.13	.13	.12
16.2500	.12	.12	.12	.12	.12
16.5000	.12	.12	.12	.11	.11
16.7500	.11	.11	.11	.11	.11
17.0000	.11	.10	.10	.10	.10
17.2500	.10	.10	.10	.10	.10
17.5000	.09	.09	.09	.09	.09

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
17.7500	.09	.09	.09	.08	.08
18.0000	.08	.08	.08	.08	.08
18.2500	.08	.08	.08	.08	.08
18.5000	.08	.08	.08	.08	.08
18.7500	.08	.08	.08	.07	.07
19.0000	.07	.07	.07	.07	.07
19.2500	.07	.07	.07	.07	.07
19.5000	.07	.07	.07	.07	.07
19.7500	.07	.07	.07	.07	.07
20.0000	.07	.07	.07	.07	.07
20.2500	.07	.07	.06	.06	.06
20.5000	.06	.06	.06	.06	.06
20.7500	.06	.06	.06	.06	.06
21.0000	.06	.06	.06	.06	.06
21.2500	.06	.06	.06	.06	.06
21.5000	.06	.06	.06	.06	.06
21.7500	.06	.06	.06	.06	.06
22.0000	.06	.06	.06	.06	.05
22.2500	.05	.05	.05	.05	.05
22.5000	.05	.05	.05	.05	.05
22.7500	.05	.05	.05	.05	.05
23.0000	.05	.05	.05	.05	.05
23.2500	.05	.05	.05	.05	.05
23.5000	.05	.05	.05	.05	.05
23.7500	.05	.05	.05	.05	.04
24.0000	.04	.03	.01	.00	.00

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.0800 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 OS 10
Tc = .1000 hrs
Drainage Area = 2.206 acres Runoff CN= 75
Calc.Increment= .01333 hrs Out.Incr.= .0500 hrs
HYG Volume = .462 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
8.6500	.00	.00	.00	.01	.01
8.9000	.01	.01	.01	.02	.02
9.1500	.02	.02	.03	.03	.03
9.4000	.04	.04	.04	.05	.05
9.6500	.05	.06	.06	.06	.07
9.9000	.07	.08	.08	.08	.09
10.1500	.09	.10	.11	.11	.12
10.4000	.12	.13	.14	.15	.15
10.6500	.16	.17	.18	.18	.19
10.9000	.20	.21	.22	.23	.25
11.1500	.26	.29	.31	.33	.36
11.4000	.39	.41	.44	.52	.63
11.6500	.79	1.03	1.26	1.55	1.83
11.9000	2.19	3.04	4.48	5.23	5.66
12.1500	5.17	3.88	3.25	2.82	2.51
12.4000	2.16	1.86	1.49	1.26	1.04
12.6500	.94	.88	.85	.81	.77
12.9000	.74	.70	.66	.64	.61
13.1500	.60	.59	.58	.57	.56
13.4000	.55	.54	.53	.52	.51
13.6500	.50	.49	.48	.47	.47
13.9000	.45	.45	.44	.43	.42
14.1500	.41	.41	.41	.40	.40
14.4000	.39	.39	.38	.38	.37
14.6500	.37	.36	.36	.35	.35
14.9000	.34	.34	.34	.33	.33
15.1500	.32	.32	.31	.31	.30
15.4000	.30	.29	.29	.28	.28
15.6500	.27	.27	.26	.26	.25
15.9000	.25	.24	.24	.23	.23

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
16.1500	.23	.22	.22	.22	.22
16.4000	.22	.21	.21	.21	.21
16.6500	.21	.20	.20	.20	.20
16.9000	.20	.19	.19	.19	.19
17.1500	.18	.18	.18	.18	.18
17.4000	.17	.17	.17	.17	.16
17.6500	.16	.16	.16	.16	.15
17.9000	.15	.15	.15	.15	.14
18.1500	.14	.14	.14	.14	.14
18.4000	.14	.14	.14	.14	.14
18.6500	.14	.14	.14	.13	.13
18.9000	.13	.13	.13	.13	.13
19.1500	.13	.13	.13	.13	.13
19.4000	.13	.13	.13	.12	.12
19.6500	.12	.12	.12	.12	.12
19.9000	.12	.12	.12	.12	.12
20.1500	.12	.12	.12	.12	.12
20.4000	.11	.11	.11	.11	.11
20.6500	.11	.11	.11	.11	.11
20.9000	.11	.11	.11	.11	.11
21.1500	.11	.11	.11	.11	.11
21.4000	.11	.10	.10	.10	.10
21.6500	.10	.10	.10	.10	.10
21.9000	.10	.10	.10	.10	.10
22.1500	.10	.10	.10	.10	.10
22.4000	.10	.09	.09	.09	.09
22.6500	.09	.09	.09	.09	.09
22.9000	.09	.09	.09	.09	.09
23.1500	.09	.09	.09	.09	.09
23.4000	.09	.09	.08	.08	.08
23.6500	.08	.08	.08	.08	.08
23.9000	.08	.08	.08	.06	.02
24.1500	.01	.00	.00		

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.4400 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 OS 25
Tc = .1000 hrs
Drainage Area = 2.206 acres Runoff CN= 75
Calc.Increment= .01333 hrs Out.Incr.= .0500 hrs
HYG Volume = .673 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
7.6500	.00	.00	.00	.00	.01
7.9000	.01	.01	.01	.01	.02
8.1500	.02	.02	.02	.02	.03
8.4000	.03	.03	.04	.04	.04
8.6500	.05	.05	.05	.06	.06
8.9000	.06	.07	.07	.08	.08
9.1500	.08	.09	.09	.10	.10
9.4000	.11	.11	.12	.12	.13
9.6500	.13	.14	.15	.15	.16
9.9000	.16	.17	.17	.18	.19
10.1500	.20	.21	.22	.23	.24
10.4000	.25	.26	.27	.28	.29
10.6500	.30	.31	.33	.34	.35
10.9000	.36	.38	.39	.41	.43
11.1500	.46	.50	.53	.57	.61
11.4000	.65	.69	.74	.85	1.03
11.6500	1.28	1.65	2.00	2.43	2.85
11.9000	3.36	4.60	6.67	7.69	8.21
12.1500	7.43	5.54	4.62	3.99	3.54
12.4000	3.03	2.60	2.08	1.76	1.44
12.6500	1.31	1.23	1.18	1.12	1.07
12.9000	1.02	.97	.92	.88	.84
13.1500	.82	.81	.80	.78	.77
13.4000	.76	.74	.73	.72	.70
13.6500	.69	.68	.67	.65	.64
13.9000	.62	.61	.60	.59	.58
14.1500	.57	.56	.56	.55	.54
14.4000	.54	.53	.52	.52	.51
14.6500	.50	.50	.49	.48	.48
14.9000	.47	.46	.46	.45	.44

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
15.1500	.44	.43	.43	.42	.41
15.4000	.41	.40	.39	.39	.38
15.6500	.37	.36	.36	.35	.34
15.9000	.34	.33	.32	.32	.31
16.1500	.31	.31	.30	.30	.30
16.4000	.29	.29	.29	.29	.28
16.6500	.28	.28	.27	.27	.27
16.9000	.27	.26	.26	.26	.25
17.1500	.25	.25	.24	.24	.24
17.4000	.24	.23	.23	.23	.22
17.6500	.22	.22	.22	.21	.21
17.9000	.21	.20	.20	.20	.19
18.1500	.19	.19	.19	.19	.19
18.4000	.19	.19	.19	.19	.19
18.6500	.19	.18	.18	.18	.18
18.9000	.18	.18	.18	.18	.18
19.1500	.18	.18	.17	.17	.17
19.4000	.17	.17	.17	.17	.17
19.6500	.17	.17	.17	.16	.16
19.9000	.16	.16	.16	.16	.16
20.1500	.16	.16	.16	.16	.16
20.4000	.16	.15	.15	.15	.15
20.6500	.15	.15	.15	.15	.15
20.9000	.15	.15	.15	.15	.15
21.1500	.15	.14	.14	.14	.14
21.4000	.14	.14	.14	.14	.14
21.6500	.14	.14	.14	.14	.14
21.9000	.14	.13	.13	.13	.13
22.1500	.13	.13	.13	.13	.13
22.4000	.13	.13	.13	.13	.13
22.6500	.13	.12	.12	.12	.12
22.9000	.12	.12	.12	.12	.12
23.1500	.12	.12	.12	.12	.12
23.4000	.12	.11	.11	.11	.11
23.6500	.11	.11	.11	.11	.11
23.9000	.11	.11	.11	.08	.03
24.1500	.01	.00	.00		

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration = 24.0000 hrs Rain Depth = 7.7000 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 OS 50
Tc = .1000 hrs
Drainage Area = 2.206 acres Runoff CN= 75
Calc.Increment= .01333 hrs Out.Incr.= .0500 hrs
HYG Volume = .877 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
6.9000	.00	.00	.00	.01	.01
7.1500	.01	.01	.01	.01	.02
7.4000	.02	.02	.02	.03	.03
7.6500	.03	.03	.03	.04	.04
7.9000	.04	.04	.05	.05	.05
8.1500	.06	.06	.06	.07	.07
8.4000	.08	.08	.08	.09	.09
8.6500	.10	.10	.11	.11	.12
8.9000	.12	.13	.14	.14	.15
9.1500	.15	.16	.17	.17	.18
9.4000	.19	.19	.20	.21	.21
9.6500	.22	.23	.24	.25	.25
9.9000	.26	.27	.28	.29	.30
10.1500	.31	.32	.33	.35	.36
10.4000	.37	.39	.40	.42	.43
10.6500	.45	.46	.48	.50	.51
10.9000	.53	.55	.56	.59	.62
11.1500	.66	.71	.75	.81	.86
11.4000	.91	.97	1.03	1.18	1.43
11.6500	1.77	2.27	2.73	3.30	3.83
11.9000	4.50	6.11	8.78	10.03	10.63
12.1500	9.56	7.10	5.90	5.08	4.50
12.4000	3.85	3.30	2.64	2.22	1.83
12.6500	1.65	1.55	1.48	1.41	1.35
12.9000	1.28	1.23	1.16	1.11	1.06
13.1500	1.04	1.02	1.00	.98	.97
13.4000	.95	.94	.92	.90	.88
13.6500	.87	.85	.83	.82	.80
13.9000	.78	.77	.75	.73	.72
14.1500	.71	.70	.69	.69	.68

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
14.4000	.67	.66	.65	.65	.64
14.6500	.63	.62	.61	.60	.60
14.9000	.59	.58	.57	.56	.55
15.1500	.55	.54	.53	.52	.51
15.4000	.51	.50	.49	.48	.47
15.6500	.46	.45	.45	.44	.43
15.9000	.42	.41	.40	.40	.39
16.1500	.39	.38	.38	.37	.37
16.4000	.37	.36	.36	.36	.35
16.6500	.35	.35	.34	.34	.33
16.9000	.33	.33	.32	.32	.32
17.1500	.31	.31	.30	.30	.30
17.4000	.29	.29	.29	.28	.28
17.6500	.27	.27	.27	.26	.26
17.9000	.26	.25	.25	.24	.24
18.1500	.24	.24	.24	.24	.24
18.4000	.24	.23	.23	.23	.23
18.6500	.23	.23	.23	.23	.23
18.9000	.22	.22	.22	.22	.22
19.1500	.22	.22	.22	.22	.21
19.4000	.21	.21	.21	.21	.21
19.6500	.21	.21	.21	.20	.20
19.9000	.20	.20	.20	.20	.20
20.1500	.20	.20	.20	.19	.19
20.4000	.19	.19	.19	.19	.19
20.6500	.19	.19	.19	.19	.19
20.9000	.18	.18	.18	.18	.18
21.1500	.18	.18	.18	.18	.18
21.4000	.18	.18	.17	.17	.17
21.6500	.17	.17	.17	.17	.17
21.9000	.17	.17	.17	.17	.16
22.1500	.16	.16	.16	.16	.16
22.4000	.16	.16	.16	.16	.16
22.6500	.16	.15	.15	.15	.15
22.9000	.15	.15	.15	.15	.15
23.1500	.15	.15	.14	.14	.14
23.4000	.14	.14	.14	.14	.14
23.6500	.14	.14	.14	.14	.13
23.9000	.13	.13	.13	.10	.03
24.1500	.01	.00	.00		

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 9.2300 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-1 OS 100
Tc = .1000 hrs
Drainage Area = 2.206 acres Runoff CN= 75
Calc.Increment= .01333 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.133 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
6.1000	.00	.00	.00	.00	.01
6.3500	.01	.01	.01	.01	.02
6.6000	.02	.02	.02	.02	.03
6.8500	.03	.03	.03	.04	.04
7.1000	.04	.04	.05	.05	.05
7.3500	.06	.06	.06	.06	.07
7.6000	.07	.07	.08	.08	.08
7.8500	.09	.09	.10	.10	.10
8.1000	.11	.11	.12	.12	.13
8.3500	.13	.14	.15	.15	.16
8.6000	.17	.17	.18	.19	.19
8.8500	.20	.21	.22	.23	.23
9.1000	.24	.25	.26	.27	.28
9.3500	.29	.29	.30	.31	.32
9.6000	.33	.34	.35	.36	.37
9.8500	.38	.39	.40	.41	.43
10.1000	.44	.46	.47	.49	.51
10.3500	.53	.54	.56	.58	.60
10.6000	.62	.64	.66	.68	.70
10.8500	.72	.75	.77	.79	.82
11.1000	.87	.92	.98	1.04	1.11
11.3500	1.18	1.25	1.32	1.40	1.61
11.6000	1.94	2.39	3.05	3.65	4.39
11.8500	5.07	5.91	7.98	11.39	12.92
12.1000	13.61	12.18	9.01	7.46	6.41
12.3500	5.66	4.84	4.14	3.31	2.79
12.6000	2.29	2.07	1.94	1.86	1.77
12.8500	1.69	1.60	1.53	1.44	1.39
13.1000	1.33	1.29	1.27	1.25	1.23
13.3500	1.21	1.18	1.17	1.14	1.12

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
13.6000	1.10	1.08	1.06	1.04	1.02
13.8500	1.00	.97	.95	.93	.91
14.1000	.90	.88	.87	.86	.85
14.3500	.84	.83	.82	.81	.80
14.6000	.79	.78	.77	.76	.75
14.8500	.74	.73	.72	.71	.70
15.1000	.69	.68	.67	.66	.65
15.3500	.64	.63	.62	.60	.60
15.6000	.58	.57	.56	.55	.54
15.8500	.53	.52	.51	.50	.49
16.1000	.48	.48	.47	.47	.46
16.3500	.46	.45	.45	.45	.44
16.6000	.44	.43	.43	.42	.42
16.8500	.41	.41	.40	.40	.39
17.1000	.39	.39	.38	.38	.37
17.3500	.37	.36	.36	.35	.35
17.6000	.34	.34	.34	.33	.32
17.8500	.32	.32	.31	.31	.30
18.1000	.30	.30	.30	.30	.29
18.3500	.29	.29	.29	.29	.29
18.6000	.29	.28	.28	.28	.28
18.8500	.28	.28	.28	.27	.27
19.1000	.27	.27	.27	.27	.27
19.3500	.26	.26	.26	.26	.26
19.6000	.26	.26	.25	.25	.25
19.8500	.25	.25	.25	.25	.25
20.1000	.24	.24	.24	.24	.24
20.3500	.24	.24	.24	.24	.23
20.6000	.23	.23	.23	.23	.23
20.8500	.23	.23	.23	.23	.23
21.1000	.22	.22	.22	.22	.22
21.3500	.22	.22	.22	.21	.21
21.6000	.21	.21	.21	.21	.21
21.8500	.21	.21	.21	.20	.20
22.1000	.20	.20	.20	.20	.20
22.3500	.20	.20	.20	.19	.19
22.6000	.19	.19	.19	.19	.19
22.8500	.19	.19	.18	.18	.18
23.1000	.18	.18	.18	.18	.18
23.3500	.18	.18	.17	.17	.17
23.6000	.17	.17	.17	.17	.17
23.8500	.17	.16	.16	.16	.12
24.1000	.04	.01	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 2.7500 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-2 1
Tc = .1600 hrs
Drainage Area = 2.564 acres Runoff CN= 79
Calc.Increment= .02133 hrs Out.Incr.= .0500 hrs
HYG Volume = .216 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
10.2000	.00	.00	.00	.01	.01
10.4500	.01	.01	.02	.02	.02
10.7000	.02	.03	.03	.03	.04
10.9500	.04	.05	.05	.05	.06
11.2000	.07	.08	.08	.09	.10
11.4500	.11	.13	.14	.17	.22
11.7000	.29	.37	.47	.59	.73
11.9500	.96	1.42	1.91	2.27	2.41
12.2000	2.18	1.84	1.59	1.41	1.24
12.4500	1.08	.91	.76	.64	.54
12.7000	.49	.46	.43	.41	.39
12.9500	.37	.36	.34	.33	.31
13.2000	.31	.30	.30	.29	.29
13.4500	.28	.28	.27	.27	.26
13.7000	.26	.26	.25	.25	.24
13.9500	.24	.23	.23	.22	.22
14.2000	.22	.21	.21	.21	.21
14.4500	.20	.20	.20	.20	.20
14.7000	.19	.19	.19	.19	.18
14.9500	.18	.18	.18	.17	.17
15.2000	.17	.17	.16	.16	.16
15.4500	.16	.15	.15	.15	.15
15.7000	.14	.14	.14	.14	.13
15.9500	.13	.13	.13	.12	.12
16.2000	.12	.12	.12	.12	.12
16.4500	.12	.11	.11	.11	.11
16.7000	.11	.11	.11	.11	.11
16.9500	.10	.10	.10	.10	.10
17.2000	.10	.10	.10	.10	.09
17.4500	.09	.09	.09	.09	.09

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
17.7000	.09	.09	.08	.08	.08
17.9500	.08	.08	.08	.08	.08
18.2000	.08	.08	.08	.08	.08
18.4500	.07	.07	.07	.07	.07
18.7000	.07	.07	.07	.07	.07
18.9500	.07	.07	.07	.07	.07
19.2000	.07	.07	.07	.07	.07
19.4500	.07	.07	.07	.07	.07
19.7000	.07	.07	.07	.07	.07
19.9500	.06	.06	.06	.06	.06
20.2000	.06	.06	.06	.06	.06
20.4500	.06	.06	.06	.06	.06
20.7000	.06	.06	.06	.06	.06
20.9500	.06	.06	.06	.06	.06
21.2000	.06	.06	.06	.06	.06
21.4500	.06	.06	.06	.06	.06
21.7000	.06	.06	.05	.05	.05
21.9500	.05	.05	.05	.05	.05
22.2000	.05	.05	.05	.05	.05
22.4500	.05	.05	.05	.05	.05
22.7000	.05	.05	.05	.05	.05
22.9500	.05	.05	.05	.05	.05
23.2000	.05	.05	.05	.05	.05
23.4500	.05	.05	.05	.05	.05
23.7000	.04	.04	.04	.04	.04
23.9500	.04	.04	.04	.03	.01
24.2000	.01	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 3.3700 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-2 2
Tc = .1600 hrs
Drainage Area = 2.564 acres Runoff CN= 79
Calc.Increment= .02133 hrs Out.Incr.= .0500 hrs
HYG Volume = .313 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
9.4000	.00	.00	.00	.00	.01
9.6500	.01	.01	.01	.02	.02
9.9000	.02	.02	.03	.03	.03
10.1500	.03	.04	.04	.04	.05
10.4000	.05	.06	.06	.06	.07
10.6500	.07	.08	.08	.09	.09
10.9000	.10	.11	.11	.12	.13
11.1500	.14	.15	.16	.17	.19
11.4000	.21	.22	.24	.27	.32
11.6500	.39	.51	.64	.80	.98
11.9000	1.19	1.53	2.20	2.91	3.40
12.1500	3.55	3.17	2.66	2.28	2.00
12.4000	1.75	1.52	1.28	1.07	.89
12.6500	.76	.68	.64	.60	.57
12.9000	.54	.52	.49	.47	.45
13.1500	.43	.42	.42	.41	.40
13.4000	.40	.39	.38	.38	.37
13.6500	.36	.36	.35	.34	.34
13.9000	.33	.32	.32	.31	.30
14.1500	.30	.30	.29	.29	.29
14.4000	.28	.28	.28	.27	.27
14.6500	.27	.26	.26	.26	.25
14.9000	.25	.25	.24	.24	.24
15.1500	.23	.23	.23	.22	.22
15.4000	.22	.21	.21	.21	.20
15.6500	.20	.20	.19	.19	.18
15.9000	.18	.18	.17	.17	.17
16.1500	.17	.16	.16	.16	.16
16.4000	.16	.16	.15	.15	.15
16.6500	.15	.15	.15	.14	.14

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
16.9000	.14	.14	.14	.14	.14
17.1500	.13	.13	.13	.13	.13
17.4000	.13	.12	.12	.12	.12
17.6500	.12	.12	.12	.11	.11
17.9000	.11	.11	.11	.11	.10
18.1500	.10	.10	.10	.10	.10
18.4000	.10	.10	.10	.10	.10
18.6500	.10	.10	.10	.10	.10
18.9000	.10	.10	.10	.10	.09
19.1500	.09	.09	.09	.09	.09
19.4000	.09	.09	.09	.09	.09
19.6500	.09	.09	.09	.09	.09
19.9000	.09	.09	.09	.09	.09
20.1500	.09	.08	.08	.08	.08
20.4000	.08	.08	.08	.08	.08
20.6500	.08	.08	.08	.08	.08
20.9000	.08	.08	.08	.08	.08
21.1500	.08	.08	.08	.08	.08
21.4000	.08	.08	.08	.08	.07
21.6500	.07	.07	.07	.07	.07
21.9000	.07	.07	.07	.07	.07
22.1500	.07	.07	.07	.07	.07
22.4000	.07	.07	.07	.07	.07
22.6500	.07	.07	.07	.07	.07
22.9000	.07	.07	.07	.06	.06
23.1500	.06	.06	.06	.06	.06
23.4000	.06	.06	.06	.06	.06
23.6500	.06	.06	.06	.06	.06
23.9000	.06	.06	.06	.05	.03
24.1500	.02	.01	.00	.00	.00

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.0800 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-2 10
Tc = .1600 hrs
Drainage Area = 2.564 acres Runoff CN= 79
Calc.Increment= .02133 hrs Out.Incr.= .0500 hrs
HYG Volume = .613 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
7.7500	.00	.00	.00	.00	.01
8.0000	.01	.01	.01	.01	.01
8.2500	.02	.02	.02	.02	.03
8.5000	.03	.03	.03	.04	.04
8.7500	.04	.05	.05	.05	.06
9.0000	.06	.06	.07	.07	.08
9.2500	.08	.08	.09	.09	.10
9.5000	.10	.11	.11	.12	.12
9.7500	.13	.13	.14	.14	.15
10.0000	.15	.16	.16	.17	.18
10.2500	.19	.20	.20	.21	.22
10.5000	.23	.24	.25	.26	.27
10.7500	.28	.29	.31	.32	.33
11.0000	.34	.35	.37	.39	.42
11.2500	.45	.48	.52	.55	.59
11.5000	.63	.69	.81	.98	1.23
11.7500	1.53	1.87	2.23	2.65	3.32
12.0000	4.64	5.96	6.80	6.96	6.12
12.2500	5.06	4.30	3.73	3.24	2.80
12.5000	2.34	1.95	1.62	1.38	1.24
12.7500	1.15	1.08	1.03	.98	.93
13.0000	.88	.84	.81	.78	.76
13.2500	.74	.73	.72	.70	.69
13.5000	.68	.67	.66	.64	.63
13.7500	.62	.61	.60	.58	.57
14.0000	.56	.55	.54	.53	.52
14.2500	.51	.51	.50	.50	.49
14.5000	.48	.48	.47	.47	.46
14.7500	.45	.45	.44	.44	.43
15.0000	.42	.42	.41	.41	.40

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
15.2500	.39	.39	.38	.38	.37
15.5000	.36	.36	.35	.35	.34
15.7500	.33	.33	.32	.31	.31
16.0000	.30	.30	.29	.29	.28
16.2500	.28	.28	.27	.27	.27
16.5000	.27	.26	.26	.26	.26
16.7500	.25	.25	.25	.25	.24
17.0000	.24	.24	.23	.23	.23
17.2500	.23	.22	.22	.22	.22
17.5000	.21	.21	.21	.20	.20
17.7500	.20	.20	.19	.19	.19
18.0000	.19	.18	.18	.18	.18
18.2500	.18	.18	.17	.17	.17
18.5000	.17	.17	.17	.17	.17
18.7500	.17	.17	.17	.17	.17
19.0000	.16	.16	.16	.16	.16
19.2500	.16	.16	.16	.16	.16
19.5000	.16	.16	.15	.15	.15
19.7500	.15	.15	.15	.15	.15
20.0000	.15	.15	.15	.15	.15
20.2500	.14	.14	.14	.14	.14
20.5000	.14	.14	.14	.14	.14
20.7500	.14	.14	.14	.14	.14
21.0000	.14	.14	.13	.13	.13
21.2500	.13	.13	.13	.13	.13
21.5000	.13	.13	.13	.13	.13
21.7500	.13	.13	.13	.12	.12
22.0000	.12	.12	.12	.12	.12
22.2500	.12	.12	.12	.12	.12
22.5000	.12	.12	.12	.12	.11
22.7500	.11	.11	.11	.11	.11
23.0000	.11	.11	.11	.11	.11
23.2500	.11	.11	.11	.11	.11
23.5000	.10	.10	.10	.10	.10
23.7500	.10	.10	.10	.10	.10
24.0000	.10	.09	.06	.03	.01
24.2500	.01	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.4400 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-2 25
Tc = .1600 hrs
Drainage Area = 2.564 acres Runoff CN= 79
Calc.Increment= .02133 hrs Out.Incr.= .0500 hrs
HYG Volume = .871 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
6.7000	.00	.00	.00	.00	.01
6.9500	.01	.01	.01	.01	.01
7.2000	.02	.02	.02	.02	.02
7.4500	.03	.03	.03	.03	.03
7.7000	.04	.04	.04	.04	.05
7.9500	.05	.05	.06	.06	.06
8.2000	.06	.07	.07	.08	.08
8.4500	.08	.09	.09	.10	.10
8.7000	.11	.11	.12	.12	.13
8.9500	.13	.14	.15	.15	.16
9.2000	.16	.17	.18	.18	.19
9.4500	.20	.20	.21	.22	.23
9.7000	.23	.24	.25	.26	.26
9.9500	.27	.28	.29	.30	.31
10.2000	.32	.33	.34	.36	.37
10.4500	.39	.40	.41	.43	.44
10.7000	.46	.47	.49	.51	.52
10.9500	.54	.56	.58	.60	.63
11.2000	.68	.72	.77	.82	.87
11.4500	.92	.98	1.07	1.25	1.50
11.7000	1.88	2.32	2.81	3.33	3.91
11.9500	4.87	6.71	8.53	9.65	9.79
12.2000	8.55	7.04	5.94	5.15	4.46
12.4500	3.83	3.21	2.66	2.21	1.88
12.7000	1.69	1.56	1.47	1.40	1.33
12.9500	1.26	1.20	1.14	1.09	1.05
13.2000	1.02	1.00	.98	.97	.95
13.4500	.93	.92	.90	.88	.87
13.7000	.85	.84	.82	.80	.79
13.9500	.77	.75	.74	.72	.71

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
14.2000	.70	.69	.68	.67	.67
14.4500	.66	.65	.64	.63	.63
14.7000	.62	.61	.60	.59	.59
14.9500	.58	.57	.56	.55	.54
15.2000	.54	.53	.52	.51	.50
15.4500	.50	.49	.48	.47	.46
15.7000	.45	.45	.44	.43	.42
15.9500	.41	.40	.40	.39	.38
16.2000	.38	.37	.37	.37	.36
16.4500	.36	.36	.35	.35	.35
16.7000	.34	.34	.33	.33	.33
16.9500	.32	.32	.32	.31	.31
17.2000	.31	.30	.30	.29	.29
17.4500	.29	.28	.28	.28	.27
17.7000	.27	.27	.26	.26	.25
17.9500	.25	.25	.24	.24	.24
18.2000	.24	.24	.23	.23	.23
18.4500	.23	.23	.23	.23	.23
18.7000	.23	.22	.22	.22	.22
18.9500	.22	.22	.22	.22	.22
19.2000	.21	.21	.21	.21	.21
19.4500	.21	.21	.21	.21	.20
19.7000	.20	.20	.20	.20	.20
19.9500	.20	.20	.20	.19	.19
20.2000	.19	.19	.19	.19	.19
20.4500	.19	.19	.19	.19	.19
20.7000	.18	.18	.18	.18	.18
20.9500	.18	.18	.18	.18	.18
21.2000	.18	.18	.17	.17	.17
21.4500	.17	.17	.17	.17	.17
21.7000	.17	.17	.17	.17	.17
21.9500	.16	.16	.16	.16	.16
22.2000	.16	.16	.16	.16	.16
22.4500	.16	.15	.15	.15	.15
22.7000	.15	.15	.15	.15	.15
22.9500	.15	.15	.15	.14	.14
23.2000	.14	.14	.14	.14	.14
23.4500	.14	.14	.14	.14	.14
23.7000	.14	.13	.13	.13	.13
23.9500	.13	.13	.12	.08	.04
24.2000	.02	.01	.00	.00	.00

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration = 24.0000 hrs Rain Depth = 7.7000 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-2 50
Tc = .1600 hrs
Drainage Area = 2.564 acres Runoff CN= 79
Calc.Increment= .02133 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.117 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
5.9500	.00	.00	.00	.00	.01
6.2000	.01	.01	.01	.01	.01
6.4500	.02	.02	.02	.02	.02
6.7000	.03	.03	.03	.03	.04
6.9500	.04	.04	.04	.05	.05
7.2000	.05	.05	.06	.06	.06
7.4500	.07	.07	.07	.08	.08
7.7000	.08	.09	.09	.09	.10
7.9500	.10	.10	.11	.11	.12
8.2000	.12	.13	.13	.14	.14
8.4500	.15	.16	.16	.17	.18
8.7000	.18	.19	.20	.20	.21
8.9500	.22	.23	.23	.24	.25
9.2000	.26	.27	.28	.29	.29
9.4500	.30	.31	.32	.33	.34
9.7000	.35	.36	.37	.38	.39
9.9500	.40	.41	.42	.43	.45
10.2000	.46	.48	.50	.51	.53
10.4500	.55	.57	.59	.61	.63
10.7000	.65	.67	.69	.71	.73
10.9500	.75	.77	.80	.83	.87
11.2000	.93	.99	1.05	1.12	1.19
11.4500	1.25	1.33	1.45	1.68	2.02
11.7000	2.51	3.08	3.72	4.38	5.13
11.9500	6.33	8.68	10.96	12.32	12.44
12.2000	10.83	8.88	7.48	6.46	5.58
12.4500	4.79	4.00	3.32	2.75	2.34
12.7000	2.10	1.95	1.83	1.74	1.65
12.9500	1.57	1.49	1.42	1.36	1.31
13.2000	1.27	1.24	1.22	1.20	1.18

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
13.4500	1.16	1.14	1.12	1.10	1.08
13.7000	1.06	1.03	1.01	.99	.97
13.9500	.95	.93	.91	.89	.88
14.2000	.86	.85	.84	.83	.82
14.4500	.81	.80	.79	.78	.77
14.7000	.76	.75	.74	.73	.72
14.9500	.71	.70	.69	.68	.67
15.2000	.66	.65	.64	.63	.62
15.4500	.61	.60	.59	.58	.57
15.7000	.56	.55	.54	.53	.52
15.9500	.51	.50	.49	.48	.47
16.2000	.47	.46	.46	.45	.45
16.4500	.44	.44	.43	.43	.43
16.7000	.42	.42	.41	.41	.40
16.9500	.40	.39	.39	.39	.38
17.2000	.38	.37	.37	.36	.36
17.4500	.35	.35	.34	.34	.34
17.7000	.33	.33	.32	.32	.31
17.9500	.31	.30	.30	.30	.29
18.2000	.29	.29	.29	.29	.29
18.4500	.28	.28	.28	.28	.28
18.7000	.28	.28	.27	.27	.27
18.9500	.27	.27	.27	.27	.26
19.2000	.26	.26	.26	.26	.26
19.4500	.26	.26	.25	.25	.25
19.7000	.25	.25	.25	.25	.24
19.9500	.24	.24	.24	.24	.24
20.2000	.24	.24	.24	.23	.23
20.4500	.23	.23	.23	.23	.23
20.7000	.23	.23	.22	.22	.22
20.9500	.22	.22	.22	.22	.22
21.2000	.22	.22	.21	.21	.21
21.4500	.21	.21	.21	.21	.21
21.7000	.21	.21	.20	.20	.20
21.9500	.20	.20	.20	.20	.20
22.2000	.20	.20	.19	.19	.19
22.4500	.19	.19	.19	.19	.19
22.7000	.19	.19	.18	.18	.18
22.9500	.18	.18	.18	.18	.18
23.2000	.18	.17	.17	.17	.17
23.4500	.17	.17	.17	.17	.17
23.7000	.17	.16	.16	.16	.16
23.9500	.16	.16	.14	.09	.05
24.2000	.02	.01	.00	.00	.00

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 9.2300 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR BB-2 100
Tc = .1600 hrs
Drainage Area = 2.564 acres Runoff CN= 79
Calc.Increment= .02133 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.423 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
5.1500	.00	.00	.00	.00	.01
5.4000	.01	.01	.01	.01	.02
5.6500	.02	.02	.02	.02	.02
5.9000	.03	.03	.03	.03	.03
6.1500	.04	.04	.04	.04	.05
6.4000	.05	.05	.06	.06	.06
6.6500	.06	.07	.07	.07	.08
6.9000	.08	.08	.09	.09	.10
7.1500	.10	.10	.11	.11	.12
7.4000	.12	.12	.13	.13	.14
7.6500	.14	.15	.15	.15	.16
7.9000	.16	.17	.17	.18	.18
8.1500	.19	.20	.21	.21	.22
8.4000	.23	.24	.25	.26	.26
8.6500	.27	.28	.29	.30	.31
8.9000	.32	.33	.34	.35	.36
9.1500	.38	.39	.40	.41	.42
9.4000	.43	.44	.46	.47	.48
9.6500	.49	.51	.52	.53	.54
9.9000	.56	.57	.58	.60	.61
10.1500	.63	.65	.67	.70	.72
10.4000	.74	.76	.79	.81	.84
10.6500	.86	.89	.91	.94	.97
10.9000	.99	1.02	1.05	1.08	1.12
11.1500	1.18	1.25	1.32	1.41	1.49
11.4000	1.58	1.67	1.76	1.92	2.22
11.6500	2.65	3.30	4.02	4.84	5.69
11.9000	6.62	8.14	11.09	13.93	15.58
12.1500	15.67	13.59	11.12	9.34	8.05
12.4000	6.95	5.96	4.97	4.12	3.41

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
12.6500	2.90	2.60	2.41	2.27	2.15
12.9000	2.04	1.94	1.84	1.75	1.67
13.1500	1.61	1.57	1.54	1.51	1.48
13.4000	1.45	1.43	1.40	1.38	1.35
13.6500	1.33	1.30	1.28	1.25	1.22
13.9000	1.20	1.17	1.15	1.12	1.10
14.1500	1.08	1.06	1.05	1.04	1.03
14.4000	1.01	1.00	.99	.98	.96
14.6500	.95	.94	.93	.91	.90
14.9000	.89	.88	.86	.85	.84
15.1500	.83	.81	.80	.79	.78
15.4000	.76	.75	.74	.73	.71
15.6500	.70	.69	.67	.66	.65
15.9000	.64	.62	.61	.60	.59
16.1500	.58	.57	.57	.56	.56
16.4000	.55	.54	.54	.53	.53
16.6500	.52	.52	.51	.51	.50
16.9000	.49	.49	.48	.48	.47
17.1500	.47	.46	.46	.45	.44
17.4000	.44	.43	.43	.42	.42
17.6500	.41	.41	.40	.39	.39
17.9000	.38	.38	.37	.37	.36
18.1500	.36	.36	.35	.35	.35
18.4000	.35	.35	.35	.34	.34
18.6500	.34	.34	.34	.34	.33
18.9000	.33	.33	.33	.33	.33
19.1500	.32	.32	.32	.32	.32
19.4000	.32	.31	.31	.31	.31
19.6500	.31	.31	.30	.30	.30
19.9000	.30	.30	.30	.29	.29
20.1500	.29	.29	.29	.29	.29
20.4000	.29	.28	.28	.28	.28
20.6500	.28	.28	.28	.27	.27
20.9000	.27	.27	.27	.27	.27
21.1500	.27	.27	.26	.26	.26
21.4000	.26	.26	.26	.26	.25
21.6500	.25	.25	.25	.25	.25
21.9000	.25	.25	.25	.24	.24
22.1500	.24	.24	.24	.24	.24
22.4000	.23	.23	.23	.23	.23
22.6500	.23	.23	.23	.23	.22
22.9000	.22	.22	.22	.22	.22
23.1500	.22	.21	.21	.21	.21
23.4000	.21	.21	.21	.21	.20
23.6500	.20	.20	.20	.20	.20

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
23.9000	.20	.20	.19	.18	.12
24.1500	.06	.03	.01	.01	.00
24.4000	.00	.00			

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 2.7500 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR CC 1
Tc = .1700 hrs
Drainage Area = 5.507 acres Runoff CN= 73
Calc.Increment= .02267 hrs Out.Incr.= .0500 hrs
HYG Volume = .325 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
11.2500	.00	.00	.00	.01	.02
11.5000	.04	.05	.08	.12	.18
11.7500	.26	.38	.53	.71	1.02
12.0000	1.62	2.34	2.98	3.36	3.18
12.2500	2.78	2.45	2.20	1.96	1.73
12.5000	1.48	1.25	1.05	.90	.81
12.7500	.75	.71	.68	.65	.62
13.0000	.59	.56	.54	.52	.51
13.2500	.50	.49	.48	.48	.47
13.5000	.46	.46	.45	.44	.43
13.7500	.43	.42	.41	.40	.40
14.0000	.39	.38	.38	.37	.36
14.2500	.36	.36	.35	.35	.35
14.5000	.34	.34	.34	.33	.33
14.7500	.32	.32	.32	.31	.31
15.0000	.31	.30	.30	.29	.29
15.2500	.29	.28	.28	.27	.27
15.5000	.26	.26	.26	.25	.25
15.7500	.24	.24	.24	.23	.23
16.0000	.22	.22	.21	.21	.21
16.2500	.21	.20	.20	.20	.20
16.5000	.20	.20	.19	.19	.19
16.7500	.19	.19	.18	.18	.18
17.0000	.18	.18	.17	.17	.17
17.2500	.17	.17	.17	.16	.16
17.5000	.16	.16	.16	.15	.15
17.7500	.15	.15	.15	.14	.14
18.0000	.14	.14	.14	.13	.13
18.2500	.13	.13	.13	.13	.13
18.5000	.13	.13	.13	.13	.13

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
18.7500	.13	.13	.13	.13	.13
19.0000	.12	.12	.12	.12	.12
19.2500	.12	.12	.12	.12	.12
19.5000	.12	.12	.12	.12	.12
19.7500	.12	.12	.12	.11	.11
20.0000	.11	.11	.11	.11	.11
20.2500	.11	.11	.11	.11	.11
20.5000	.11	.11	.11	.11	.11
20.7500	.11	.11	.11	.10	.10
21.0000	.10	.10	.10	.10	.10
21.2500	.10	.10	.10	.10	.10
21.5000	.10	.10	.10	.10	.10
21.7500	.10	.10	.10	.10	.10
22.0000	.10	.09	.09	.09	.09
22.2500	.09	.09	.09	.09	.09
22.5000	.09	.09	.09	.09	.09
22.7500	.09	.09	.09	.09	.09
23.0000	.09	.09	.08	.08	.08
23.2500	.08	.08	.08	.08	.08
23.5000	.08	.08	.08	.08	.08
23.7500	.08	.08	.08	.08	.08
24.0000	.08	.07	.05	.03	.01
24.2500	.01	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 3.3700 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR CC 2
Tc = .1700 hrs
Drainage Area = 5.507 acres Runoff CN= 73
Calc.Increment= .02267 hrs Out.Incr.= .0500 hrs
HYG Volume = .502 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
10.6000	.00	.00	.01	.01	.02
10.8500	.02	.03	.04	.05	.06
11.1000	.07	.08	.09	.11	.13
11.3500	.15	.17	.19	.21	.25
11.6000	.31	.39	.53	.70	.92
11.8500	1.17	1.48	1.98	2.95	4.08
12.1000	5.00	5.46	5.07	4.37	3.80
12.3500	3.37	2.98	2.61	2.22	1.87
12.6000	1.56	1.34	1.20	1.11	1.05
12.8500	1.00	.95	.91	.86	.82
13.1000	.79	.76	.74	.73	.71
13.3500	.70	.69	.68	.67	.66
13.6000	.65	.64	.63	.62	.61
13.8500	.60	.58	.57	.56	.55
14.1000	.54	.53	.52	.52	.51
14.3500	.51	.50	.50	.49	.49
14.6000	.48	.48	.47	.46	.46
14.8500	.45	.45	.44	.44	.43
15.1000	.42	.42	.41	.41	.40
15.3500	.39	.39	.38	.38	.37
15.6000	.36	.36	.35	.35	.34
15.8500	.33	.33	.32	.32	.31
16.1000	.30	.30	.30	.29	.29
16.3500	.29	.28	.28	.28	.28
16.6000	.27	.27	.27	.27	.26
16.8500	.26	.26	.26	.25	.25
17.1000	.25	.24	.24	.24	.24
17.3500	.23	.23	.23	.22	.22
17.6000	.22	.22	.21	.21	.21
17.8500	.20	.20	.20	.20	.19

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.1000	.19	.19	.19	.19	.19
18.3500	.19	.18	.18	.18	.18
18.6000	.18	.18	.18	.18	.18
18.8500	.18	.18	.18	.17	.17
19.1000	.17	.17	.17	.17	.17
19.3500	.17	.17	.17	.17	.17
19.6000	.17	.16	.16	.16	.16
19.8500	.16	.16	.16	.16	.16
20.1000	.16	.16	.16	.16	.15
20.3500	.15	.15	.15	.15	.15
20.6000	.15	.15	.15	.15	.15
20.8500	.15	.15	.15	.15	.15
21.1000	.14	.14	.14	.14	.14
21.3500	.14	.14	.14	.14	.14
21.6000	.14	.14	.14	.14	.14
21.8500	.14	.13	.13	.13	.13
22.1000	.13	.13	.13	.13	.13
22.3500	.13	.13	.13	.13	.13
22.6000	.13	.12	.12	.12	.12
22.8500	.12	.12	.12	.12	.12
23.1000	.12	.12	.12	.12	.12
23.3500	.12	.11	.11	.11	.11
23.6000	.11	.11	.11	.11	.11
23.8500	.11	.11	.11	.11	.10
24.1000	.07	.04	.02	.01	.00
24.3500	.00	.00			

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.0800 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR CC 10
Tc = .1700 hrs
Drainage Area = 5.507 acres Runoff CN= 73
Calc.Increment= .02267 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.076 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
9.0500	.00	.00	.00	.01	.01
9.3000	.02	.03	.03	.04	.05
9.5500	.05	.06	.07	.08	.08
9.8000	.09	.10	.11	.12	.13
10.0500	.14	.15	.16	.17	.18
10.3000	.19	.21	.22	.23	.25
10.5500	.26	.28	.30	.31	.33
10.8000	.35	.37	.39	.41	.43
11.0500	.45	.48	.51	.55	.60
11.3000	.65	.70	.76	.82	.88
11.5500	.98	1.15	1.40	1.78	2.25
11.8000	2.80	3.41	4.10	5.22	7.40
12.0500	9.76	11.50	12.16	11.02	9.32
12.3000	7.96	6.97	6.09	5.29	4.47
12.5500	3.73	3.11	2.65	2.36	2.18
12.8000	2.05	1.95	1.85	1.77	1.68
13.0500	1.60	1.53	1.47	1.43	1.40
13.3000	1.38	1.36	1.33	1.31	1.29
13.5500	1.27	1.25	1.23	1.20	1.18
13.8000	1.16	1.14	1.11	1.09	1.07
14.0500	1.05	1.03	1.01	.99	.98
14.3000	.97	.96	.95	.94	.93
14.5500	.92	.91	.89	.88	.87
14.8000	.86	.85	.84	.83	.82
15.0500	.81	.79	.78	.77	.76
15.3000	.75	.74	.73	.71	.70
15.5500	.69	.68	.67	.66	.64
15.8000	.63	.62	.61	.60	.59
16.0500	.57	.56	.56	.55	.54
16.3000	.54	.53	.53	.52	.52

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
16.5500	.51	.51	.50	.50	.49
16.8000	.49	.48	.48	.47	.47
17.0500	.46	.45	.45	.44	.44
17.3000	.43	.43	.42	.42	.41
17.5500	.41	.40	.40	.39	.39
17.8000	.38	.38	.37	.37	.36
18.0500	.36	.35	.35	.35	.34
18.3000	.34	.34	.34	.34	.34
18.5500	.33	.33	.33	.33	.33
18.8000	.33	.32	.32	.32	.32
19.0500	.32	.32	.32	.31	.31
19.3000	.31	.31	.31	.31	.30
19.5500	.30	.30	.30	.30	.30
19.8000	.30	.29	.29	.29	.29
20.0500	.29	.29	.28	.28	.28
20.3000	.28	.28	.28	.28	.28
20.5500	.28	.27	.27	.27	.27
20.8000	.27	.27	.27	.27	.26
21.0500	.26	.26	.26	.26	.26
21.3000	.26	.26	.26	.25	.25
21.5500	.25	.25	.25	.25	.25
21.8000	.25	.24	.24	.24	.24
22.0500	.24	.24	.24	.24	.23
22.3000	.23	.23	.23	.23	.23
22.5500	.23	.23	.23	.22	.22
22.8000	.22	.22	.22	.22	.22
23.0500	.22	.21	.21	.21	.21
23.3000	.21	.21	.21	.21	.20
23.5500	.20	.20	.20	.20	.20
23.8000	.20	.20	.19	.19	.19
24.0500	.18	.12	.07	.03	.02
24.3000	.01	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.4400 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR CC 25
Tc = .1700 hrs
Drainage Area = 5.507 acres Runoff CN= 73
Calc.Increment= .02267 hrs Out.Incr.= .0500 hrs
HYG Volume = 1.587 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
8.1000	.00	.00	.00	.01	.01
8.3500	.02	.02	.03	.03	.04
8.6000	.05	.05	.06	.07	.08
8.8500	.08	.09	.10	.11	.12
9.1000	.13	.14	.15	.16	.17
9.3500	.18	.19	.20	.21	.22
9.6000	.23	.25	.26	.27	.28
9.8500	.30	.31	.33	.34	.35
10.1000	.37	.39	.41	.43	.45
10.3500	.47	.49	.52	.54	.56
10.6000	.59	.62	.64	.67	.70
10.8500	.73	.76	.78	.82	.85
11.1000	.89	.95	1.01	1.09	1.17
11.3500	1.25	1.34	1.44	1.54	1.69
11.6000	1.97	2.37	2.98	3.71	4.57
11.8500	5.50	6.53	8.18	11.39	14.81
12.1000	17.21	17.97	16.15	13.55	11.50
12.3500	10.01	8.71	7.54	6.35	5.29
12.6000	4.40	3.74	3.33	3.08	2.89
12.8500	2.74	2.60	2.48	2.35	2.24
13.1000	2.14	2.06	2.01	1.96	1.93
13.3500	1.89	1.86	1.83	1.80	1.77
13.6000	1.74	1.71	1.67	1.64	1.61
13.8500	1.58	1.55	1.51	1.48	1.45
14.1000	1.42	1.40	1.38	1.36	1.35
14.3500	1.33	1.31	1.30	1.28	1.27
14.6000	1.25	1.24	1.22	1.21	1.19
14.8500	1.18	1.16	1.14	1.13	1.11
15.1000	1.10	1.08	1.06	1.05	1.03
15.3500	1.02	1.00	.98	.97	.95

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
15.6000	.94	.92	.90	.89	.87
15.8500	.85	.84	.82	.80	.79
16.1000	.78	.76	.75	.75	.74
16.3500	.73	.72	.72	.71	.70
16.6000	.69	.69	.68	.67	.67
16.8500	.66	.65	.65	.64	.63
17.1000	.62	.62	.61	.60	.60
17.3500	.59	.58	.57	.57	.56
17.6000	.55	.54	.54	.53	.52
17.8500	.52	.51	.50	.49	.49
18.1000	.48	.48	.47	.47	.47
18.3500	.46	.46	.46	.46	.46
18.6000	.45	.45	.45	.45	.45
18.8500	.44	.44	.44	.44	.44
19.1000	.43	.43	.43	.43	.42
19.3500	.42	.42	.42	.42	.41
19.6000	.41	.41	.41	.40	.40
19.8500	.40	.40	.40	.39	.39
20.1000	.39	.39	.39	.39	.38
20.3500	.38	.38	.38	.38	.38
20.6000	.37	.37	.37	.37	.37
20.8500	.37	.36	.36	.36	.36
21.1000	.36	.36	.35	.35	.35
21.3500	.35	.35	.35	.34	.34
21.6000	.34	.34	.34	.34	.33
21.8500	.33	.33	.33	.33	.33
22.1000	.32	.32	.32	.32	.32
22.3500	.32	.31	.31	.31	.31
22.6000	.31	.31	.31	.30	.30
22.8500	.30	.30	.30	.29	.29
23.1000	.29	.29	.29	.29	.28
23.3500	.28	.28	.28	.28	.28
23.6000	.27	.27	.27	.27	.27
23.8500	.27	.26	.26	.26	.24
24.1000	.17	.09	.04	.02	.01
24.3500	.00	.00	.00		

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration = 24.0000 hrs Rain Depth = 7.7000 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR CC 50
Tc = .1700 hrs
Drainage Area = 5.507 acres Runoff CN= 73
Calc.Increment= .02267 hrs Out.Incr.= .0500 hrs
HYG Volume = 2.086 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
7.3500	.00	.00	.01	.01	.01
7.6000	.02	.02	.03	.03	.04
7.8500	.05	.05	.06	.06	.07
8.1000	.07	.08	.09	.10	.10
8.3500	.11	.12	.13	.14	.15
8.6000	.16	.17	.18	.19	.20
8.8500	.21	.23	.24	.25	.26
9.1000	.28	.29	.31	.32	.33
9.3500	.35	.36	.38	.40	.41
9.6000	.43	.45	.46	.48	.50
9.8500	.52	.53	.55	.57	.59
10.1000	.61	.64	.66	.69	.72
10.3500	.75	.78	.82	.85	.88
10.6000	.92	.95	.99	1.03	1.06
10.8500	1.10	1.14	1.18	1.22	1.27
11.1000	1.33	1.40	1.49	1.59	1.71
11.3500	1.82	1.94	2.07	2.20	2.41
11.6000	2.79	3.35	4.19	5.18	6.34
11.8500	7.57	8.92	11.08	15.28	19.69
12.1000	22.69	23.54	21.03	17.57	14.85
12.3500	12.89	11.18	9.66	8.12	6.75
12.6000	5.61	4.77	4.24	3.91	3.67
12.8500	3.48	3.30	3.15	2.98	2.84
13.1000	2.71	2.61	2.54	2.49	2.44
13.3500	2.40	2.36	2.32	2.27	2.24
13.6000	2.19	2.16	2.11	2.07	2.03
13.8500	1.99	1.95	1.91	1.87	1.83
14.1000	1.79	1.76	1.74	1.72	1.69
14.3500	1.67	1.65	1.63	1.61	1.60
14.6000	1.58	1.56	1.54	1.52	1.50

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
14.8500	1.48	1.46	1.44	1.42	1.40
15.1000	1.38	1.36	1.34	1.32	1.30
15.3500	1.28	1.25	1.23	1.21	1.19
15.6000	1.17	1.15	1.13	1.11	1.09
15.8500	1.07	1.05	1.03	1.01	.99
16.1000	.97	.96	.94	.93	.92
16.3500	.92	.91	.90	.89	.88
16.6000	.87	.86	.85	.84	.83
16.8500	.82	.82	.81	.80	.79
17.1000	.78	.77	.76	.75	.74
17.3500	.74	.73	.72	.71	.70
17.6000	.69	.68	.67	.66	.65
17.8500	.64	.64	.63	.62	.61
18.1000	.60	.59	.59	.59	.58
18.3500	.58	.58	.58	.57	.57
18.6000	.57	.57	.56	.56	.56
18.8500	.55	.55	.55	.55	.54
19.1000	.54	.54	.54	.53	.53
19.3500	.53	.52	.52	.52	.52
19.6000	.51	.51	.51	.51	.50
19.8500	.50	.50	.49	.49	.49
20.1000	.49	.48	.48	.48	.48
20.3500	.48	.47	.47	.47	.47
20.6000	.47	.46	.46	.46	.46
20.8500	.46	.45	.45	.45	.45
21.1000	.45	.44	.44	.44	.44
21.3500	.44	.43	.43	.43	.43
21.6000	.42	.42	.42	.42	.42
21.8500	.42	.41	.41	.41	.41
22.1000	.40	.40	.40	.40	.40
22.3500	.39	.39	.39	.39	.39
22.6000	.38	.38	.38	.38	.38
22.8500	.37	.37	.37	.37	.37
23.1000	.36	.36	.36	.36	.35
23.3500	.35	.35	.35	.35	.34
23.6000	.34	.34	.34	.34	.33
23.8500	.33	.33	.33	.32	.30
24.1000	.21	.11	.05	.03	.01
24.3500	.01	.00	.00	.00	

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 9.2300 in
Rain Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
HYG File - ID = - PR CC 100
Tc = .1700 hrs
Drainage Area = 5.507 acres Runoff CN= 73
Calc.Increment= .02267 hrs Out.Incr.= .0500 hrs
HYG Volume = 2.714 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
6.5500	.00	.00	.01	.01	.01
6.8000	.02	.02	.03	.03	.04
7.0500	.04	.05	.06	.06	.07
7.3000	.07	.08	.09	.09	.10
7.5500	.11	.11	.12	.13	.14
7.8000	.14	.15	.16	.17	.18
8.0500	.19	.19	.20	.22	.23
8.3000	.24	.25	.26	.28	.29
8.5500	.31	.32	.34	.35	.37
8.8000	.38	.40	.42	.44	.45
9.0500	.47	.49	.51	.53	.55
9.3000	.57	.59	.61	.63	.65
9.5500	.68	.70	.72	.74	.77
9.8000	.79	.81	.84	.86	.89
10.0500	.92	.95	.98	1.01	1.05
10.3000	1.09	1.13	1.18	1.22	1.26
10.5500	1.31	1.35	1.40	1.45	1.50
10.8000	1.55	1.60	1.65	1.70	1.75
11.0500	1.81	1.89	1.99	2.11	2.25
11.3000	2.40	2.56	2.72	2.88	3.06
11.5500	3.34	3.86	4.61	5.74	7.06
11.8000	8.59	10.19	11.94	14.73	20.15
12.0500	25.77	29.49	30.40	27.05	22.51
12.3000	18.96	16.40	14.20	12.25	10.27
12.5500	8.53	7.08	6.02	5.35	4.93
12.8000	4.62	4.38	4.16	3.96	3.75
13.0500	3.57	3.41	3.28	3.19	3.12
13.3000	3.06	3.01	2.95	2.90	2.85
13.5500	2.80	2.75	2.70	2.65	2.60
13.8000	2.54	2.49	2.44	2.39	2.34

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
14.0500	2.29	2.24	2.20	2.17	2.14
14.3000	2.12	2.09	2.07	2.04	2.02
14.5500	1.99	1.97	1.94	1.92	1.89
14.8000	1.87	1.84	1.82	1.79	1.77
15.0500	1.74	1.72	1.69	1.67	1.64
15.3000	1.61	1.59	1.56	1.54	1.51
15.5500	1.49	1.46	1.44	1.41	1.38
15.8000	1.36	1.33	1.31	1.28	1.26
16.0500	1.23	1.21	1.19	1.18	1.16
16.3000	1.15	1.14	1.13	1.12	1.10
16.5500	1.09	1.08	1.07	1.06	1.05
16.8000	1.04	1.03	1.01	1.00	.99
17.0500	.98	.97	.96	.95	.94
17.3000	.92	.91	.90	.89	.88
17.5500	.87	.86	.85	.83	.82
17.8000	.81	.80	.79	.78	.77
18.0500	.75	.75	.74	.73	.73
18.3000	.72	.72	.72	.71	.71
18.5500	.71	.70	.70	.70	.69
18.8000	.69	.69	.68	.68	.68
19.0500	.67	.67	.67	.66	.66
19.3000	.66	.65	.65	.65	.64
19.5500	.64	.64	.63	.63	.63
19.8000	.62	.62	.62	.61	.61
20.0500	.61	.60	.60	.60	.60
20.3000	.59	.59	.59	.58	.58
20.5500	.58	.58	.57	.57	.57
20.8000	.57	.56	.56	.56	.56
21.0500	.56	.55	.55	.55	.54
21.3000	.54	.54	.54	.53	.53
21.5500	.53	.53	.52	.52	.52
21.8000	.52	.51	.51	.51	.51
22.0500	.50	.50	.50	.50	.49
22.3000	.49	.49	.48	.48	.48
22.5500	.48	.48	.47	.47	.47
22.8000	.46	.46	.46	.46	.45
23.0500	.45	.45	.45	.44	.44
23.3000	.44	.44	.43	.43	.43
23.5500	.43	.42	.42	.42	.42
23.8000	.41	.41	.41	.40	.40
24.0500	.37	.26	.14	.07	.03
24.3000	.02	.01	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
13.3500	.28	.28	.27	.27	.26
13.6000	.26	.25	.25	.24	.24
13.8500	.23	.23	.22	.22	.21
14.1000	.21	.21	.21	.20	.20
14.3500	.20	.20	.19	.19	.19
14.6000	.19	.18	.18	.18	.18
14.8500	.17	.17	.17	.17	.16
15.1000	.16	.16	.16	.15	.15
15.3500	.15	.15	.14	.14	.14
15.6000	.14	.13	.13	.13	.13
15.8500	.12	.12	.12	.12	.12
16.1000	.11	.11	.11	.11	.11
16.3500	.11	.11	.11	.10	.10
16.6000	.10	.10	.10	.10	.10
16.8500	.10	.10	.09	.09	.09
17.1000	.09	.09	.09	.09	.09
17.3500	.09	.08	.08	.08	.08
17.6000	.08	.08	.08	.08	.08
17.8500	.08	.07	.07	.07	.07
18.1000	.07	.07	.07	.07	.07
18.3500	.07	.07	.07	.07	.07
18.6000	.07	.07	.07	.07	.07
18.8500	.07	.07	.06	.06	.06
19.1000	.06	.06	.06	.06	.06
19.3500	.06	.06	.06	.06	.06
19.6000	.06	.06	.06	.06	.06
19.8500	.06	.06	.06	.06	.06
20.1000	.06	.06	.06	.06	.06
20.3500	.06	.06	.06	.06	.06
20.6000	.05	.05	.05	.05	.05
20.8500	.05	.05	.05	.05	.05
21.1000	.05	.05	.05	.05	.05
21.3500	.05	.05	.05	.05	.05
21.6000	.05	.05	.05	.05	.05
21.8500	.05	.05	.05	.05	.05
22.1000	.05	.05	.05	.05	.05
22.3500	.05	.05	.05	.05	.05
22.6000	.05	.04	.04	.04	.04
22.8500	.04	.04	.04	.04	.04
23.1000	.04	.04	.04	.04	.04
23.3500	.04	.04	.04	.04	.04
23.6000	.04	.04	.04	.04	.04
23.8500	.04	.04	.04	.04	.02
24.1000	.01	.00	.00		

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.5500	.79	.66	.60	.57	.55
12.8000	.52	.50	.48	.45	.43
13.0500	.41	.39	.38	.38	.37
13.3000	.36	.36	.35	.35	.34
13.5500	.33	.33	.32	.31	.31
13.8000	.30	.29	.29	.28	.28
14.0500	.27	.27	.26	.26	.26
14.3000	.25	.25	.25	.24	.24
14.5500	.24	.23	.23	.23	.22
14.8000	.22	.22	.22	.21	.21
15.0500	.21	.20	.20	.20	.19
15.3000	.19	.19	.18	.18	.18
15.5500	.18	.17	.17	.17	.16
15.8000	.16	.16	.15	.15	.15
16.0500	.14	.14	.14	.14	.14
16.3000	.14	.14	.13	.13	.13
16.5500	.13	.13	.13	.13	.12
16.8000	.12	.12	.12	.12	.12
17.0500	.12	.11	.11	.11	.11
17.3000	.11	.11	.11	.11	.10
17.5500	.10	.10	.10	.10	.10
17.8000	.10	.09	.09	.09	.09
18.0500	.09	.09	.09	.09	.09
18.3000	.09	.09	.09	.09	.08
18.5500	.08	.08	.08	.08	.08
18.8000	.08	.08	.08	.08	.08
19.0500	.08	.08	.08	.08	.08
19.3000	.08	.08	.08	.08	.08
19.5500	.08	.08	.08	.07	.07
19.8000	.07	.07	.07	.07	.07
20.0500	.07	.07	.07	.07	.07
20.3000	.07	.07	.07	.07	.07
20.5500	.07	.07	.07	.07	.07
20.8000	.07	.07	.07	.07	.07
21.0500	.07	.07	.07	.06	.06
21.3000	.06	.06	.06	.06	.06
21.5500	.06	.06	.06	.06	.06
21.8000	.06	.06	.06	.06	.06
22.0500	.06	.06	.06	.06	.06
22.3000	.06	.06	.06	.06	.06
22.5500	.06	.06	.06	.06	.06
22.8000	.06	.05	.05	.05	.05
23.0500	.05	.05	.05	.05	.05
23.3000	.05	.05	.05	.05	.05
23.5500	.05	.05	.05	.05	.05

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
23.8000	.05	.05	.05	.05	.05
24.0500	.03	.01	.00	.00	

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.1500	.58	.61	.65	.68	.72
11.4000	.76	.79	.83	.98	1.16
11.6500	1.46	1.80	2.14	2.50	2.87
11.9000	3.24	4.59	6.24	6.70	6.86
12.1500	5.65	4.06	3.40	2.96	2.59
12.4000	2.22	1.85	1.49	1.24	1.03
12.6500	.95	.90	.86	.82	.78
12.9000	.74	.71	.67	.64	.61
13.1500	.60	.59	.58	.57	.56
13.4000	.55	.54	.53	.52	.51
13.6500	.50	.49	.48	.47	.46
13.9000	.45	.44	.43	.42	.41
14.1500	.41	.40	.40	.39	.39
14.4000	.38	.38	.37	.37	.36
14.6500	.36	.35	.35	.35	.34
14.9000	.34	.33	.33	.32	.32
15.1500	.31	.31	.30	.30	.29
15.4000	.29	.28	.28	.27	.27
15.6500	.26	.26	.25	.25	.24
15.9000	.24	.23	.23	.22	.22
16.1500	.22	.22	.21	.21	.21
16.4000	.21	.21	.20	.20	.20
16.6500	.20	.20	.19	.19	.19
16.9000	.19	.18	.18	.18	.18
17.1500	.18	.17	.17	.17	.17
17.4000	.16	.16	.16	.16	.16
17.6500	.15	.15	.15	.15	.15
17.9000	.14	.14	.14	.14	.14
18.1500	.14	.14	.13	.13	.13
18.4000	.13	.13	.13	.13	.13
18.6500	.13	.13	.13	.13	.13
18.9000	.13	.13	.13	.12	.12
19.1500	.12	.12	.12	.12	.12
19.4000	.12	.12	.12	.12	.12
19.6500	.12	.12	.12	.11	.11
19.9000	.11	.11	.11	.11	.11
20.1500	.11	.11	.11	.11	.11
20.4000	.11	.11	.11	.11	.11
20.6500	.11	.10	.10	.10	.10
20.9000	.10	.10	.10	.10	.10
21.1500	.10	.10	.10	.10	.10
21.4000	.10	.10	.10	.10	.10
21.6500	.10	.10	.10	.10	.09
21.9000	.09	.09	.09	.09	.09
22.1500	.09	.09	.09	.09	.09

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.4000	.09	.09	.09	.09	.09
22.6500	.09	.09	.09	.09	.08
22.9000	.08	.08	.08	.08	.08
23.1500	.08	.08	.08	.08	.08
23.4000	.08	.08	.08	.08	.08
23.6500	.08	.08	.08	.08	.07
23.9000	.07	.07	.07	.05	.01
24.1500	.00	.00			

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.5000	.54	.56	.57	.58	.60
10.7500	.61	.62	.64	.65	.66
11.0000	.68	.70	.73	.78	.82
11.2500	.87	.92	.97	1.01	1.06
11.5000	1.11	1.31	1.54	1.94	2.38
11.7500	2.84	3.30	3.78	4.26	6.01
12.0000	8.13	8.71	8.89	7.31	5.24
12.2500	4.38	3.82	3.33	2.86	2.39
12.5000	1.91	1.60	1.32	1.22	1.16
12.7500	1.11	1.06	1.01	.96	.91
13.0000	.86	.82	.79	.77	.76
13.2500	.74	.73	.72	.71	.69
13.5000	.68	.67	.65	.64	.63
13.7500	.62	.60	.59	.58	.56
14.0000	.55	.54	.53	.52	.52
14.2500	.51	.50	.50	.49	.49
14.5000	.48	.47	.47	.46	.45
14.7500	.45	.44	.44	.43	.42
15.0000	.42	.41	.40	.40	.39
15.2500	.39	.38	.37	.37	.36
15.5000	.35	.35	.34	.34	.33
15.7500	.32	.32	.31	.30	.30
16.0000	.29	.29	.28	.28	.28
16.2500	.27	.27	.27	.27	.26
16.5000	.26	.26	.25	.25	.25
16.7500	.25	.24	.24	.24	.24
17.0000	.23	.23	.23	.23	.22
17.2500	.22	.22	.21	.21	.21
17.5000	.21	.20	.20	.20	.20
17.7500	.19	.19	.19	.18	.18
18.0000	.18	.18	.17	.17	.17
18.2500	.17	.17	.17	.17	.17
18.5000	.17	.17	.17	.17	.16
18.7500	.16	.16	.16	.16	.16
19.0000	.16	.16	.16	.16	.16
19.2500	.16	.15	.15	.15	.15
19.5000	.15	.15	.15	.15	.15
19.7500	.15	.15	.15	.14	.14
20.0000	.14	.14	.14	.14	.14
20.2500	.14	.14	.14	.14	.14
20.5000	.14	.14	.14	.13	.13
20.7500	.13	.13	.13	.13	.13
21.0000	.13	.13	.13	.13	.13
21.2500	.13	.13	.13	.13	.13
21.5000	.12	.12	.12	.12	.12

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
21.7500	.12	.12	.12	.12	.12
22.0000	.12	.12	.12	.12	.12
22.2500	.12	.11	.11	.11	.11
22.5000	.11	.11	.11	.11	.11
22.7500	.11	.11	.11	.11	.11
23.0000	.11	.11	.10	.10	.10
23.2500	.10	.10	.10	.10	.10
23.5000	.10	.10	.10	.10	.10
23.7500	.10	.10	.10	.09	.09
24.0000	.09	.06	.01	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.1000	.56	.57	.59	.60	.62
10.3500	.63	.65	.66	.68	.70
10.6000	.71	.73	.74	.76	.78
10.8500	.79	.81	.83	.84	.87
11.1000	.91	.96	1.02	1.08	1.13
11.3500	1.19	1.25	1.31	1.37	1.61
11.6000	1.90	2.38	2.92	3.48	4.04
11.8500	4.61	5.19	7.32	9.88	10.56
12.1000	10.76	8.83	6.33	5.29	4.61
12.3500	4.02	3.44	2.88	2.30	1.93
12.6000	1.59	1.47	1.39	1.33	1.27
12.8500	1.21	1.15	1.09	1.03	.99
13.1000	.95	.93	.91	.90	.88
13.3500	.87	.85	.83	.82	.80
13.6000	.79	.77	.76	.74	.72
13.8500	.71	.69	.68	.66	.65
14.1000	.64	.63	.62	.61	.61
14.3500	.60	.59	.58	.58	.57
14.6000	.56	.55	.55	.54	.53
14.8500	.52	.52	.51	.50	.49
15.1000	.49	.48	.47	.46	.46
15.3500	.45	.44	.43	.43	.42
15.6000	.41	.40	.40	.39	.38
15.8500	.37	.37	.36	.35	.35
16.1000	.34	.34	.33	.33	.33
16.3500	.32	.32	.32	.31	.31
16.6000	.31	.30	.30	.30	.29
16.8500	.29	.29	.28	.28	.28
17.1000	.27	.27	.27	.26	.26
17.3500	.26	.25	.25	.25	.24
17.6000	.24	.24	.23	.23	.23
17.8500	.22	.22	.22	.21	.21
18.1000	.21	.21	.21	.21	.21
18.3500	.20	.20	.20	.20	.20
18.6000	.20	.20	.20	.20	.20
18.8500	.19	.19	.19	.19	.19
19.1000	.19	.19	.19	.19	.19
19.3500	.18	.18	.18	.18	.18
19.6000	.18	.18	.18	.18	.18
19.8500	.18	.17	.17	.17	.17
20.1000	.17	.17	.17	.17	.17
20.3500	.17	.17	.17	.16	.16
20.6000	.16	.16	.16	.16	.16
20.8500	.16	.16	.16	.16	.16
21.1000	.16	.15	.15	.15	.15

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
21.3500	.15	.15	.15	.15	.15
21.6000	.15	.15	.15	.15	.15
21.8500	.14	.14	.14	.14	.14
22.1000	.14	.14	.14	.14	.14
22.3500	.14	.14	.14	.13	.13
22.6000	.13	.13	.13	.13	.13
22.8500	.13	.13	.13	.13	.13
23.1000	.13	.13	.12	.12	.12
23.3500	.12	.12	.12	.12	.12
23.6000	.12	.12	.12	.12	.12
23.8500	.11	.11	.11	.11	.07
24.1000	.02	.00	.00		

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
9.7000	.61	.62	.63	.64	.65
9.9500	.66	.67	.68	.70	.71
10.2000	.73	.75	.77	.79	.81
10.4500	.83	.85	.87	.88	.90
10.7000	.92	.94	.96	.98	1.00
10.9500	1.02	1.04	1.08	1.12	1.19
11.2000	1.25	1.32	1.40	1.47	1.54
11.4500	1.61	1.68	1.97	2.33	2.92
11.7000	3.57	4.25	4.93	5.62	6.31
11.9500	8.89	11.99	12.79	13.02	10.68
12.2000	7.65	6.39	5.56	4.85	4.16
12.4500	3.47	2.78	2.32	1.92	1.77
12.7000	1.68	1.60	1.53	1.46	1.39
12.9500	1.32	1.24	1.19	1.14	1.12
13.2000	1.10	1.08	1.06	1.04	1.02
13.4500	1.00	.99	.97	.95	.93
13.7000	.91	.89	.87	.85	.83
13.9500	.82	.80	.78	.77	.76
14.2000	.75	.74	.73	.72	.71
14.4500	.70	.69	.68	.68	.67
14.7000	.66	.65	.64	.63	.62
14.9500	.61	.60	.59	.59	.58
15.2000	.57	.56	.55	.54	.53
15.4500	.52	.51	.50	.50	.49
15.7000	.48	.47	.46	.45	.44
15.9500	.43	.42	.42	.41	.40
16.2000	.40	.40	.39	.39	.38
16.4500	.38	.38	.37	.37	.36
16.7000	.36	.36	.35	.35	.35
16.9500	.34	.34	.33	.33	.33
17.2000	.32	.32	.31	.31	.30
17.4500	.30	.30	.29	.29	.29
17.7000	.28	.28	.27	.27	.27
17.9500	.26	.26	.25	.25	.25
18.2000	.25	.25	.25	.25	.25
18.4500	.24	.24	.24	.24	.24
18.7000	.24	.24	.24	.23	.23
18.9500	.23	.23	.23	.23	.23
19.2000	.23	.22	.22	.22	.22
19.4500	.22	.22	.22	.22	.22
19.7000	.21	.21	.21	.21	.21
19.9500	.21	.21	.21	.20	.20
20.2000	.20	.20	.20	.20	.20
20.4500	.20	.20	.20	.20	.19
20.7000	.19	.19	.19	.19	.19

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
20.9500	.19	.19	.19	.19	.19
21.2000	.19	.18	.18	.18	.18
21.4500	.18	.18	.18	.18	.18
21.7000	.18	.18	.18	.17	.17
21.9500	.17	.17	.17	.17	.17
22.2000	.17	.17	.16	.16	.16
22.4500	.16	.16	.16	.16	.16
22.7000	.16	.16	.16	.16	.16
22.9500	.15	.15	.15	.15	.15
23.2000	.15	.15	.15	.15	.15
23.4500	.15	.14	.14	.14	.14
23.7000	.14	.14	.14	.14	.14
23.9500	.14	.14	.09	.02	.00
24.2000	.00				

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.0500	.13	.13	.13	.13	.13
20.3000	.13	.13	.13	.13	.13
20.5500	.13	.13	.13	.12	.12
20.8000	.12	.12	.12	.12	.12
21.0500	.12	.12	.12	.12	.12
21.3000	.12	.12	.12	.12	.12
21.5500	.11	.11	.11	.11	.11
21.8000	.11	.11	.11	.11	.11
22.0500	.11	.11	.11	.11	.11
22.3000	.11	.11	.11	.10	.10
22.5500	.10	.10	.10	.10	.10
22.8000	.10	.10	.10	.10	.10
23.0500	.10	.10	.10	.10	.10
23.3000	.10	.10	.09	.09	.09
23.5500	.09	.09	.09	.09	.09
23.8000	.09	.09	.09	.09	.09
24.0500	.09	.08	.08	.07	.07
24.3000	.06	.06	.06	.05	.05
24.5500	.05	.04	.04	.04	.04
24.8000	.03	.03	.03	.03	.03
25.0500	.02	.02	.02	.02	.02
25.3000	.02	.02	.02	.01	.01
25.5500	.01	.01	.01	.01	.01
25.8000	.01	.01	.01	.01	.01
26.0500	.00	.00	.00	.00	.00
26.3000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.8000	.17	.17	.17	.17	.17
20.0500	.17	.17	.16	.16	.16
20.3000	.16	.16	.16	.16	.16
20.5500	.16	.16	.16	.15	.15
20.8000	.15	.15	.15	.15	.15
21.0500	.15	.15	.15	.15	.15
21.3000	.15	.14	.14	.14	.14
21.5500	.14	.14	.14	.14	.14
21.8000	.14	.14	.14	.14	.14
22.0500	.14	.13	.13	.13	.13
22.3000	.13	.13	.13	.13	.13
22.5500	.13	.13	.13	.13	.13
22.8000	.13	.12	.12	.12	.12
23.0500	.12	.12	.12	.12	.12
23.3000	.12	.12	.12	.12	.12
23.5500	.12	.11	.11	.11	.11
23.8000	.11	.11	.11	.11	.11
24.0500	.11	.10	.10	.09	.09
24.3000	.08	.07	.07	.07	.06
24.5500	.06	.05	.05	.05	.04
24.8000	.04	.04	.04	.03	.03
25.0500	.03	.03	.03	.02	.02
25.3000	.02	.02	.02	.02	.02
25.5500	.02	.01	.01	.01	.01
25.8000	.01	.01	.01	.01	.01
26.0500	.01	.01	.01	.01	.00
26.3000	.00	.00	.00	.00	.00
26.5500	.00	.00	.00	.00	

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
19.5000	.26	.26	.26	.26	.26
19.7500	.26	.26	.25	.25	.25
20.0000	.25	.25	.25	.25	.25
20.2500	.24	.24	.24	.24	.24
20.5000	.24	.24	.24	.24	.23
20.7500	.23	.23	.23	.23	.23
21.0000	.23	.23	.23	.22	.22
21.2500	.22	.22	.22	.22	.22
21.5000	.22	.22	.22	.21	.21
21.7500	.21	.21	.21	.21	.21
22.0000	.21	.21	.21	.20	.20
22.2500	.20	.20	.20	.20	.20
22.5000	.20	.20	.20	.19	.19
22.7500	.19	.19	.19	.19	.19
23.0000	.19	.19	.19	.18	.18
23.2500	.18	.18	.18	.18	.18
23.5000	.18	.18	.18	.17	.17
23.7500	.17	.17	.17	.17	.17
24.0000	.17	.16	.16	.15	.14
24.2500	.13	.12	.11	.11	.10
24.5000	.09	.09	.08	.08	.07
24.7500	.07	.06	.06	.06	.05
25.0000	.05	.05	.04	.04	.04
25.2500	.04	.03	.03	.03	.03
25.5000	.03	.02	.02	.02	.02
25.7500	.02	.02	.02	.02	.01
26.0000	.01	.01	.01	.01	.01
26.2500	.01	.01	.01	.01	.01
26.5000	.01	.01	.00	.00	.00
26.7500	.00	.00	.00	.00	.00
27.0000	.00	.00			

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.0500	.34	.34	.34	.34	.34
19.3000	.34	.33	.33	.33	.33
19.5500	.33	.32	.32	.32	.32
19.8000	.32	.32	.31	.31	.31
20.0500	.31	.31	.30	.30	.30
20.3000	.30	.30	.30	.30	.29
20.5500	.29	.29	.29	.29	.29
20.8000	.29	.29	.28	.28	.28
21.0500	.28	.28	.28	.28	.28
21.3000	.28	.27	.27	.27	.27
21.5500	.27	.27	.27	.27	.27
21.8000	.26	.26	.26	.26	.26
22.0500	.26	.26	.26	.26	.26
22.3000	.25	.25	.25	.25	.25
22.5500	.25	.25	.25	.24	.24
22.8000	.24	.24	.24	.24	.24
23.0500	.24	.23	.23	.23	.23
23.3000	.23	.23	.23	.23	.23
23.5500	.22	.22	.22	.22	.22
23.8000	.22	.22	.21	.21	.21
24.0500	.21	.20	.19	.18	.17
24.3000	.15	.14	.14	.13	.12
24.5500	.11	.10	.10	.09	.09
24.8000	.08	.08	.07	.07	.06
25.0500	.06	.05	.05	.05	.04
25.3000	.04	.04	.04	.03	.03
25.5500	.03	.03	.03	.03	.02
25.8000	.02	.02	.02	.02	.02
26.0500	.02	.02	.01	.01	.01
26.3000	.01	.01	.01	.01	.01
26.5500	.01	.01	.01	.01	.01
26.8000	.00	.00	.00	.00	.00
27.0500	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.4500	.45	.45	.44	.44	.44
18.7000	.43	.43	.43	.42	.42
18.9500	.42	.42	.41	.41	.41
19.2000	.41	.40	.40	.40	.40
19.4500	.39	.39	.39	.39	.39
19.7000	.38	.38	.38	.38	.38
19.9500	.37	.37	.37	.37	.37
20.2000	.36	.36	.36	.36	.36
20.4500	.35	.35	.35	.35	.35
20.7000	.35	.34	.34	.34	.34
20.9500	.34	.34	.33	.33	.33
21.2000	.33	.33	.33	.33	.32
21.4500	.32	.32	.32	.32	.32
21.7000	.31	.31	.31	.31	.31
21.9500	.31	.31	.30	.30	.30
22.2000	.30	.30	.30	.29	.29
22.4500	.29	.29	.29	.29	.29
22.7000	.29	.28	.28	.28	.28
22.9500	.28	.28	.28	.27	.27
23.2000	.27	.27	.27	.27	.27
23.4500	.27	.27	.26	.26	.26
23.7000	.26	.26	.26	.26	.26
23.9500	.25	.25	.25	.24	.22
24.2000	.21	.20	.18	.17	.16
24.4500	.15	.14	.13	.12	.12
24.7000	.11	.10	.10	.09	.08
24.9500	.08	.07	.07	.06	.06
25.2000	.06	.05	.05	.05	.04
25.4500	.04	.04	.04	.03	.03
25.7000	.03	.03	.03	.02	.02
25.9500	.02	.02	.02	.02	.02
26.2000	.02	.02	.01	.01	.01
26.4500	.01	.01	.01	.01	.01
26.7000	.01	.01	.01	.01	.01
26.9500	.00	.00	.00	.00	.00
27.2000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
17.8000	.63	.62	.61	.61	.60
18.0500	.59	.58	.57	.57	.56
18.3000	.56	.55	.54	.54	.54
18.5500	.53	.53	.52	.52	.52
18.8000	.51	.51	.51	.50	.50
19.0500	.50	.49	.49	.49	.49
19.3000	.48	.48	.48	.47	.47
19.5500	.47	.47	.46	.46	.46
19.8000	.46	.45	.45	.45	.45
20.0500	.44	.44	.44	.44	.43
20.3000	.43	.43	.43	.43	.42
20.5500	.42	.42	.42	.42	.41
20.8000	.41	.41	.41	.41	.40
21.0500	.40	.40	.40	.40	.39
21.3000	.39	.39	.39	.39	.38
21.5500	.38	.38	.38	.38	.38
21.8000	.37	.37	.37	.37	.37
22.0500	.36	.36	.36	.36	.36
22.3000	.36	.35	.35	.35	.35
22.5500	.35	.34	.34	.34	.34
22.8000	.34	.34	.33	.33	.33
23.0500	.33	.33	.32	.32	.32
23.3000	.32	.32	.32	.31	.31
23.5500	.31	.31	.31	.30	.30
23.8000	.30	.30	.30	.30	.29
24.0500	.29	.27	.26	.24	.22
24.3000	.21	.20	.18	.17	.16
24.5500	.15	.14	.13	.12	.12
24.8000	.11	.10	.10	.09	.08
25.0500	.08	.07	.07	.06	.06
25.3000	.06	.05	.05	.05	.04
25.5500	.04	.04	.04	.03	.03
25.8000	.03	.03	.03	.02	.02
26.0500	.02	.02	.02	.02	.02
26.3000	.02	.02	.01	.01	.01
26.5500	.01	.01	.01	.01	.01
26.8000	.01	.01	.01	.01	.01
27.0500	.00	.00	.00	.00	.00
27.3000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.1500	.21	.22	.22	.23	.24
10.4000	.24	.25	.25	.26	.27
10.6500	.27	.28	.28	.29	.30
10.9000	.30	.31	.31	.33	.34
11.1500	.36	.38	.40	.42	.44
11.4000	.47	.49	.51	.60	.71
11.6500	.89	1.09	1.30	1.51	1.72
11.9000	1.94	2.73	3.68	3.94	4.01
12.1500	3.29	2.36	1.97	1.72	1.50
12.4000	1.28	1.07	.86	.72	.59
12.6500	.55	.52	.50	.47	.45
12.9000	.43	.41	.38	.37	.35
13.1500	.35	.34	.33	.33	.32
13.4000	.32	.31	.31	.30	.29
13.6500	.29	.28	.28	.27	.26
13.9000	.26	.25	.25	.24	.24
14.1500	.23	.23	.23	.23	.22
14.4000	.22	.22	.21	.21	.21
14.6500	.21	.20	.20	.20	.20
14.9000	.19	.19	.19	.18	.18
15.1500	.18	.18	.17	.17	.17
15.4000	.16	.16	.16	.16	.15
15.6500	.15	.15	.14	.14	.14
15.9000	.14	.13	.13	.13	.13
16.1500	.13	.12	.12	.12	.12
16.4000	.12	.12	.12	.12	.11
16.6500	.11	.11	.11	.11	.11
16.9000	.11	.11	.10	.10	.10
17.1500	.10	.10	.10	.10	.10
17.4000	.09	.09	.09	.09	.09
17.6500	.09	.09	.09	.08	.08
17.9000	.08	.08	.08	.08	.08
18.1500	.08	.08	.08	.08	.08
18.4000	.08	.08	.08	.07	.07
18.6500	.07	.07	.07	.07	.07
18.9000	.07	.07	.07	.07	.07
19.1500	.07	.07	.07	.07	.07
19.4000	.07	.07	.07	.07	.07
19.6500	.07	.07	.07	.07	.07
19.9000	.06	.06	.06	.06	.06
20.1500	.06	.06	.06	.06	.06
20.4000	.06	.06	.06	.06	.06
20.6500	.06	.06	.06	.06	.06
20.9000	.06	.06	.06	.06	.06
21.1500	.06	.06	.06	.06	.06

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
21.4000	.06	.06	.06	.06	.06
21.6500	.06	.05	.05	.05	.05
21.9000	.05	.05	.05	.05	.05
22.1500	.05	.05	.05	.05	.05
22.4000	.05	.05	.05	.05	.05
22.6500	.05	.05	.05	.05	.05
22.9000	.05	.05	.05	.05	.05
23.1500	.05	.05	.05	.05	.05
23.4000	.05	.05	.04	.04	.04
23.6500	.04	.04	.04	.04	.04
23.9000	.04	.04	.04	.03	.01
24.1500	.00	.00			

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
9.7000	.23	.24	.24	.25	.25
9.9500	.25	.26	.26	.27	.27
10.2000	.28	.29	.29	.30	.31
10.4500	.32	.32	.33	.34	.35
10.7000	.35	.36	.37	.38	.38
10.9500	.39	.40	.41	.43	.45
11.2000	.48	.51	.53	.56	.59
11.4500	.62	.64	.75	.89	1.11
11.7000	1.37	1.62	1.88	2.15	2.41
11.9500	3.39	4.57	4.88	4.97	4.07
12.2000	2.92	2.44	2.12	1.85	1.58
12.4500	1.32	1.06	.89	.73	.68
12.7000	.64	.61	.58	.56	.53
12.9500	.50	.47	.45	.44	.43
13.2000	.42	.41	.40	.40	.39
13.4500	.38	.38	.37	.36	.35
13.7000	.35	.34	.33	.33	.32
13.9500	.31	.30	.30	.29	.29
14.2000	.29	.28	.28	.27	.27
14.4500	.27	.26	.26	.26	.25
14.7000	.25	.25	.24	.24	.24
14.9500	.23	.23	.23	.22	.22
15.2000	.22	.21	.21	.21	.20
15.4500	.20	.20	.19	.19	.19
15.7000	.18	.18	.18	.17	.17
15.9500	.16	.16	.16	.16	.15
16.2000	.15	.15	.15	.15	.15
16.4500	.14	.14	.14	.14	.14
16.7000	.14	.14	.13	.13	.13
16.9500	.13	.13	.13	.13	.12
17.2000	.12	.12	.12	.12	.12
17.4500	.11	.11	.11	.11	.11
17.7000	.11	.11	.10	.10	.10
17.9500	.10	.10	.10	.10	.10
18.2000	.10	.09	.09	.09	.09
18.4500	.09	.09	.09	.09	.09
18.7000	.09	.09	.09	.09	.09
18.9500	.09	.09	.09	.09	.09
19.2000	.09	.09	.09	.08	.08
19.4500	.08	.08	.08	.08	.08
19.7000	.08	.08	.08	.08	.08
19.9500	.08	.08	.08	.08	.08
20.2000	.08	.08	.08	.08	.08
20.4500	.08	.08	.08	.07	.07
20.7000	.07	.07	.07	.07	.07

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.9500	.07	.07	.07	.07	.07
21.2000	.07	.07	.07	.07	.07
21.4500	.07	.07	.07	.07	.07
21.7000	.07	.07	.07	.07	.07
21.9500	.07	.07	.06	.06	.06
22.2000	.06	.06	.06	.06	.06
22.4500	.06	.06	.06	.06	.06
22.7000	.06	.06	.06	.06	.06
22.9500	.06	.06	.06	.06	.06
23.2000	.06	.06	.06	.06	.06
23.4500	.06	.06	.05	.05	.05
23.7000	.05	.05	.05	.05	.05
23.9500	.05	.05	.03	.01	.00
24.2000	.00				

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
9.0500	.31	.31	.32	.32	.33
9.3000	.34	.34	.35	.35	.36
9.5500	.36	.37	.37	.38	.38
9.8000	.39	.40	.40	.41	.41
10.0500	.42	.43	.44	.45	.46
10.3000	.47	.48	.49	.50	.51
10.5500	.53	.54	.55	.56	.57
10.8000	.58	.59	.60	.61	.63
11.0500	.65	.67	.71	.75	.79
11.3000	.83	.88	.92	.96	1.00
11.5500	1.17	1.38	1.73	2.12	2.51
11.8000	2.91	3.31	3.71	5.21	7.01
12.0500	7.46	7.58	6.21	4.44	3.71
12.3000	3.23	2.81	2.41	2.01	1.61
12.5500	1.35	1.11	1.03	.97	.93
12.8000	.89	.85	.80	.76	.72
13.0500	.69	.66	.65	.64	.62
13.3000	.61	.60	.59	.58	.57
13.5500	.56	.55	.54	.53	.52
13.8000	.50	.49	.48	.47	.46
14.0500	.45	.44	.44	.43	.43
14.3000	.42	.42	.41	.41	.40
14.5500	.40	.39	.39	.38	.37
14.8000	.37	.36	.36	.35	.35
15.0500	.34	.34	.33	.33	.32
15.3000	.32	.31	.31	.30	.30
15.5500	.29	.29	.28	.28	.27
15.8000	.27	.26	.25	.25	.24
16.0500	.24	.24	.23	.23	.23
16.3000	.23	.22	.22	.22	.22
16.5500	.22	.21	.21	.21	.21
16.8000	.20	.20	.20	.20	.19
17.0500	.19	.19	.19	.19	.18
17.3000	.18	.18	.18	.17	.17
17.5500	.17	.17	.16	.16	.16
17.8000	.16	.16	.15	.15	.15
18.0500	.15	.15	.14	.14	.14
18.3000	.14	.14	.14	.14	.14
18.5500	.14	.14	.14	.14	.14
18.8000	.14	.14	.13	.13	.13
19.0500	.13	.13	.13	.13	.13
19.3000	.13	.13	.13	.13	.13
19.5500	.13	.13	.12	.12	.12
19.8000	.12	.12	.12	.12	.12
20.0500	.12	.12	.12	.12	.12

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.3000	.12	.12	.12	.11	.11
20.5500	.11	.11	.11	.11	.11
20.8000	.11	.11	.11	.11	.11
21.0500	.11	.11	.11	.11	.11
21.3000	.11	.11	.11	.10	.10
21.5500	.10	.10	.10	.10	.10
21.8000	.10	.10	.10	.10	.10
22.0500	.10	.10	.10	.10	.10
22.3000	.10	.09	.09	.09	.09
22.5500	.09	.09	.09	.09	.09
22.8000	.09	.09	.09	.09	.09
23.0500	.09	.09	.09	.09	.09
23.3000	.09	.08	.08	.08	.08
23.5500	.08	.08	.08	.08	.08
23.8000	.08	.08	.08	.08	.08
24.0500	.05	.01	.00	.00	

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.7500	.36	.37	.38	.38	.39
9.0000	.40	.40	.41	.42	.42
9.2500	.43	.44	.44	.45	.46
9.5000	.47	.47	.48	.49	.49
9.7500	.50	.51	.51	.52	.53
10.0000	.53	.54	.55	.57	.58
10.2500	.59	.61	.62	.64	.65
10.5000	.66	.68	.69	.71	.72
10.7500	.73	.75	.76	.78	.79
11.0000	.81	.83	.87	.91	.97
11.2500	1.02	1.07	1.12	1.18	1.23
11.5000	1.28	1.50	1.77	2.21	2.71
11.7500	3.21	3.72	4.22	4.74	6.65
12.0000	8.93	9.51	9.65	7.90	5.65
12.2500	4.71	4.10	3.57	3.06	2.56
12.5000	2.05	1.71	1.41	1.30	1.24
12.7500	1.18	1.13	1.07	1.02	.97
13.0000	.91	.88	.84	.82	.81
13.2500	.79	.78	.77	.75	.74
13.5000	.72	.71	.70	.68	.67
13.7500	.65	.64	.63	.61	.60
14.0000	.59	.57	.56	.56	.55
14.2500	.54	.54	.53	.52	.52
14.5000	.51	.50	.50	.49	.48
14.7500	.48	.47	.46	.46	.45
15.0000	.44	.44	.43	.42	.42
15.2500	.41	.40	.40	.39	.38
15.5000	.38	.37	.36	.36	.35
15.7500	.34	.34	.33	.32	.32
16.0000	.31	.30	.30	.30	.29
16.2500	.29	.29	.28	.28	.28
16.5000	.28	.27	.27	.27	.26
16.7500	.26	.26	.26	.25	.25
17.0000	.25	.24	.24	.24	.24
17.2500	.23	.23	.23	.22	.22
17.5000	.22	.22	.21	.21	.21
17.7500	.20	.20	.20	.20	.19
18.0000	.19	.19	.18	.18	.18
18.2500	.18	.18	.18	.18	.18
18.5000	.18	.18	.18	.18	.17
18.7500	.17	.17	.17	.17	.17
19.0000	.17	.17	.17	.17	.17
19.2500	.16	.16	.16	.16	.16
19.5000	.16	.16	.16	.16	.16
19.7500	.16	.16	.15	.15	.15

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.0000	.15	.15	.15	.15	.15
20.2500	.15	.15	.15	.15	.15
20.5000	.14	.14	.14	.14	.14
20.7500	.14	.14	.14	.14	.14
21.0000	.14	.14	.14	.14	.14
21.2500	.14	.13	.13	.13	.13
21.5000	.13	.13	.13	.13	.13
21.7500	.13	.13	.13	.13	.13
22.0000	.13	.12	.12	.12	.12
22.2500	.12	.12	.12	.12	.12
22.5000	.12	.12	.12	.12	.12
22.7500	.12	.11	.11	.11	.11
23.0000	.11	.11	.11	.11	.11
23.2500	.11	.11	.11	.11	.11
23.5000	.11	.11	.10	.10	.10
23.7500	.10	.10	.10	.10	.10
24.0000	.10	.06	.02	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.6000	.42	.43	.44	.44	.45
8.8500	.46	.47	.48	.48	.49
9.1000	.50	.51	.52	.52	.53
9.3500	.54	.55	.56	.57	.57
9.6000	.58	.59	.60	.61	.61
9.8500	.62	.63	.64	.65	.66
10.1000	.67	.69	.70	.72	.74
10.3500	.75	.77	.79	.80	.82
10.6000	.84	.85	.87	.89	.90
10.8500	.92	.94	.95	.97	1.00
11.1000	1.04	1.10	1.16	1.23	1.29
11.3500	1.35	1.42	1.48	1.54	1.81
11.6000	2.13	2.66	3.25	3.85	4.46
11.8500	5.07	5.68	7.97	10.71	11.39
12.1000	11.56	9.46	6.77	5.64	4.91
12.3500	4.28	3.67	3.06	2.45	2.05
12.6000	1.69	1.56	1.48	1.41	1.35
12.8500	1.29	1.22	1.16	1.09	1.05
13.1000	1.01	.98	.97	.95	.93
13.3500	.92	.90	.88	.87	.85
13.6000	.83	.82	.80	.78	.77
13.8500	.75	.73	.72	.70	.69
14.1000	.67	.67	.66	.65	.64
14.3500	.63	.63	.62	.61	.60
14.6000	.59	.59	.58	.57	.56
14.8500	.55	.55	.54	.53	.52
15.1000	.51	.51	.50	.49	.48
15.3500	.47	.47	.46	.45	.44
15.6000	.43	.43	.42	.41	.40
15.8500	.39	.39	.38	.37	.36
16.1000	.36	.35	.35	.35	.34
16.3500	.34	.34	.33	.33	.33
16.6000	.32	.32	.32	.31	.31
16.8500	.31	.30	.30	.30	.29
17.1000	.29	.29	.28	.28	.28
17.3500	.27	.27	.26	.26	.26
17.6000	.25	.25	.25	.24	.24
17.8500	.24	.23	.23	.23	.22
18.1000	.22	.22	.22	.22	.22
18.3500	.22	.22	.21	.21	.21
18.6000	.21	.21	.21	.21	.21
18.8500	.21	.20	.20	.20	.20
19.1000	.20	.20	.20	.20	.20
19.3500	.19	.19	.19	.19	.19
19.6000	.19	.19	.19	.19	.19

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
19.8500	.18	.18	.18	.18	.18
20.1000	.18	.18	.18	.18	.18
20.3500	.18	.17	.17	.17	.17
20.6000	.17	.17	.17	.17	.17
20.8500	.17	.17	.17	.17	.17
21.1000	.16	.16	.16	.16	.16
21.3500	.16	.16	.16	.16	.16
21.6000	.16	.16	.15	.15	.15
21.8500	.15	.15	.15	.15	.15
22.1000	.15	.15	.15	.15	.14
22.3500	.14	.14	.14	.14	.14
22.6000	.14	.14	.14	.14	.14
22.8500	.14	.14	.14	.13	.13
23.1000	.13	.13	.13	.13	.13
23.3500	.13	.13	.13	.13	.13
23.6000	.12	.12	.12	.12	.12
23.8500	.12	.12	.12	.12	.07
24.1000	.02	.00	.00		

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.4500	.48	.49	.50	.51	.52
8.7000	.53	.54	.55	.56	.57
8.9500	.58	.59	.60	.61	.62
9.2000	.63	.64	.65	.66	.67
9.4500	.68	.69	.69	.70	.71
9.7000	.72	.73	.74	.75	.76
9.9500	.77	.78	.80	.81	.83
10.2000	.85	.87	.89	.91	.93
10.4500	.95	.97	.99	1.01	1.03
10.7000	1.05	1.07	1.09	1.11	1.13
10.9500	1.15	1.17	1.21	1.26	1.33
11.2000	1.40	1.48	1.55	1.63	1.71
11.4500	1.78	1.86	2.18	2.56	3.20
11.7000	3.91	4.64	5.37	6.10	6.83
11.9500	9.58	12.86	13.68	13.88	11.36
12.2000	8.12	6.77	5.89	5.13	4.40
12.4500	3.67	2.94	2.45	2.03	1.87
12.7000	1.78	1.70	1.62	1.54	1.47
12.9500	1.39	1.31	1.26	1.21	1.18
13.2000	1.16	1.14	1.12	1.10	1.08
13.4500	1.06	1.04	1.02	1.00	.98
13.7000	.96	.94	.92	.90	.88
13.9500	.86	.84	.82	.81	.80
14.2000	.79	.78	.77	.76	.75
14.4500	.74	.73	.72	.71	.70
14.7000	.69	.68	.67	.66	.65
14.9500	.65	.64	.63	.62	.61
15.2000	.60	.59	.58	.57	.56
15.4500	.55	.54	.53	.52	.51
15.7000	.50	.49	.48	.47	.46
15.9500	.45	.44	.44	.43	.43
16.2000	.42	.42	.41	.41	.40
16.4500	.40	.40	.39	.39	.38
16.7000	.38	.38	.37	.37	.36
16.9500	.36	.35	.35	.35	.34
17.2000	.34	.33	.33	.33	.32
17.4500	.32	.31	.31	.30	.30
17.7000	.30	.29	.29	.28	.28
17.9500	.28	.27	.27	.27	.26
18.2000	.26	.26	.26	.26	.26
18.4500	.26	.25	.25	.25	.25
18.7000	.25	.25	.25	.25	.24
18.9500	.24	.24	.24	.24	.24
19.2000	.24	.24	.23	.23	.23
19.4500	.23	.23	.23	.23	.23

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
19.7000	.22	.22	.22	.22	.22
19.9500	.22	.22	.22	.21	.21
20.2000	.21	.21	.21	.21	.21
20.4500	.21	.21	.21	.21	.20
20.7000	.20	.20	.20	.20	.20
20.9500	.20	.20	.20	.20	.20
21.2000	.19	.19	.19	.19	.19
21.4500	.19	.19	.19	.19	.19
21.7000	.19	.18	.18	.18	.18
21.9500	.18	.18	.18	.18	.18
22.2000	.18	.18	.17	.17	.17
22.4500	.17	.17	.17	.17	.17
22.7000	.17	.17	.16	.16	.16
22.9500	.16	.16	.16	.16	.16
23.2000	.16	.16	.16	.15	.15
23.4500	.15	.15	.15	.15	.15
23.7000	.15	.15	.15	.15	.14
23.9500	.14	.14	.09	.02	.00
24.2000	.00				

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.0000	.12	.12	.12	.12	.12
19.2500	.12	.12	.12	.12	.12
19.5000	.12	.12	.12	.12	.12
19.7500	.12	.12	.12	.11	.11
20.0000	.11	.11	.11	.11	.11
20.2500	.11	.11	.11	.11	.11
20.5000	.11	.11	.11	.11	.11
20.7500	.11	.11	.11	.10	.10
21.0000	.10	.10	.10	.10	.10
21.2500	.10	.10	.10	.10	.10
21.5000	.10	.10	.10	.10	.10
21.7500	.10	.10	.10	.10	.10
22.0000	.10	.09	.09	.09	.09
22.2500	.09	.09	.09	.09	.09
22.5000	.09	.09	.09	.09	.09
22.7500	.09	.09	.09	.09	.09
23.0000	.09	.09	.08	.08	.08
23.2500	.08	.08	.08	.08	.08
23.5000	.08	.08	.08	.08	.08
23.7500	.08	.08	.08	.08	.08
24.0000	.08	.07	.05	.03	.01
24.2500	.01	.00	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 1

Peak Discharge =	4.69 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	.691 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.2000	.00	.00	.00	.01	.01
10.4500	.01	.01	.02	.02	.02
10.7000	.02	.03	.03	.03	.04
10.9500	.04	.05	.05	.06	.07
11.2000	.09	.10	.12	.13	.15
11.4500	.17	.19	.23	.29	.37
11.7000	.50	.66	.86	1.09	1.38
11.9500	1.92	2.91	3.84	4.55	4.69
12.2000	4.09	3.52	3.08	2.74	2.41
12.4500	2.11	1.76	1.49	1.25	1.11
12.7000	1.02	.98	.95	.93	.92
12.9500	.90	.89	.89	.89	.90
13.2000	.91	.92	.93	.94	.95
13.4500	.96	.97	.98	.98	.99
13.7000	.99	.99	.99	.99	.98
13.9500	.98	.98	.97	.96	.96
14.2000	.95	.95	.94	.94	.93
14.4500	.93	.92	.91	.91	.90
14.7000	.89	.88	.87	.87	.86
14.9500	.85	.84	.83	.82	.81
15.2000	.80	.79	.78	.77	.76
15.4500	.75	.74	.73	.72	.71
15.7000	.70	.69	.68	.67	.66
15.9500	.65	.64	.63	.62	.62
16.2000	.61	.60	.59	.59	.58
16.4500	.57	.57	.56	.55	.55
16.7000	.54	.54	.53	.53	.52
16.9500	.52	.51	.50	.50	.49
17.2000	.49	.48	.48	.47	.47
17.4500	.46	.46	.45	.45	.44
17.7000	.44	.43	.43	.42	.42

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
17.9500	.41	.40	.40	.40	.39
18.2000	.39	.39	.38	.38	.38
18.4500	.37	.37	.37	.37	.36
18.7000	.36	.36	.35	.35	.35
18.9500	.35	.34	.34	.34	.34
19.2000	.33	.33	.33	.33	.32
19.4500	.32	.32	.32	.32	.31
19.7000	.31	.31	.31	.31	.30
19.9500	.30	.30	.30	.29	.29
20.2000	.29	.29	.29	.29	.28
20.4500	.28	.28	.28	.28	.28
20.7000	.27	.27	.27	.27	.27
20.9500	.27	.27	.27	.26	.26
21.2000	.26	.26	.26	.26	.26
21.4500	.26	.25	.25	.25	.25
21.7000	.25	.25	.25	.25	.24
21.9500	.24	.24	.24	.24	.24
22.2000	.24	.24	.23	.23	.23
22.4500	.23	.23	.23	.23	.23
22.7000	.22	.22	.22	.22	.22
22.9500	.22	.22	.22	.22	.21
23.2000	.21	.21	.21	.21	.21
23.4500	.21	.21	.21	.20	.20
23.7000	.20	.20	.20	.20	.20
23.9500	.20	.19	.18	.15	.12
24.2000	.11	.10	.10	.10	.10
24.4500	.10	.09	.09	.09	.09
24.7000	.09	.09	.08	.08	.08
24.9500	.08	.08	.08	.08	.07
25.2000	.07	.07	.07	.07	.07
25.4500	.07	.06	.06	.06	.06
25.7000	.06	.06	.06	.06	.05
25.9500	.05	.05	.05	.05	.05
26.2000	.05	.05	.04	.04	.04
26.4500	.04	.04	.04	.04	.04
26.7000	.04	.04	.04	.04	.03
26.9500	.03	.03	.03	.03	.03
27.2000	.03	.03	.03	.03	.03
27.4500	.03	.03	.03	.03	.03
27.7000	.03	.03	.03	.03	.02
27.9500	.02	.02	.02	.02	.02
28.2000	.02	.02	.02	.02	.02
28.4500	.02	.02	.02	.02	.02
28.7000	.02	.02	.02	.02	.02
28.9500	.02	.02	.02	.02	.02

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
29.2000	.02	.02	.02	.02	.02
29.4500	.02	.01	.01	.01	.01
29.7000	.01	.01	.01	.01	.01
29.9500	.01	.01	.01	.01	.01
30.2000	.01	.01	.01	.01	.01
30.4500	.01	.01	.01	.01	.01
30.7000	.01	.01	.01	.01	.01
30.9500	.01	.01	.01	.01	.01
31.2000	.01	.01	.01	.01	.01
31.4500	.01	.01	.01	.01	.01
31.7000	.01	.01	.01	.01	.01
31.9500	.01	.01	.01	.01	.01
32.2000	.01	.01	.01	.01	.01
32.4500	.01	.01	.01	.01	.01
32.7000	.01	.01	.01	.01	.01
32.9500	.01	.01	.01	.01	.01
33.2000	.01	.01	.01	.01	.01
33.4500	.01	.01	.01	.01	.01
33.7000	.01	.01	.01	.01	.01
33.9500	.01	.01	.01	.01	.01
34.2000	.01	.01	.01	.01	.01
34.4500	.01	.01	.01	.01	.01
34.7000	.01	.01	.01	.01	.01
34.9500	.01	.01	.01	.01	.01
35.2000	.01	.01	.01	.01	.01
35.4500	.01	.01	.01	.01	.01
35.7000	.01	.01	.01	.01	.01
35.9500	.01	.01	.01	.01	.01
36.2000	.01	.01	.01	.01	.01
36.4500	.01	.01	.00	.00	.00
36.7000	.00	.00	.00	.00	.00
36.9500	.00	.00	.00	.00	.00
37.2000	.00	.00	.00	.00	.00
37.4500	.00	.00	.00	.00	.00
37.7000	.00	.00	.00	.00	.00
37.9500	.00	.00	.00	.00	.00
38.2000	.00	.00	.00	.00	.00
38.4500	.00	.00	.00	.00	.00
38.7000	.00	.00	.00	.00	.00
38.9500	.00	.00	.00	.00	.00
39.2000	.00	.00	.00	.00	.00
39.4500	.00	.00	.00	.00	.00
39.7000	.00	.00	.00	.00	.00
39.9500	.00	.00	.00	.00	.00
40.2000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
40.4500	.00	.00	.00	.00	.00
40.7000	.00	.00	.00		

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.3500	.19	.18	.18	.18	.18
18.6000	.18	.18	.18	.18	.18
18.8500	.18	.18	.18	.17	.17
19.1000	.17	.17	.17	.17	.17
19.3500	.17	.17	.17	.17	.17
19.6000	.17	.16	.16	.16	.16
19.8500	.16	.16	.16	.16	.16
20.1000	.16	.16	.16	.16	.15
20.3500	.15	.15	.15	.15	.15
20.6000	.15	.15	.15	.15	.15
20.8500	.15	.15	.15	.15	.15
21.1000	.14	.14	.14	.14	.14
21.3500	.14	.14	.14	.14	.14
21.6000	.14	.14	.14	.14	.14
21.8500	.14	.13	.13	.13	.13
22.1000	.13	.13	.13	.13	.13
22.3500	.13	.13	.13	.13	.13
22.6000	.13	.12	.12	.12	.12
22.8500	.12	.12	.12	.12	.12
23.1000	.12	.12	.12	.12	.12
23.3500	.12	.11	.11	.11	.11
23.6000	.11	.11	.11	.11	.11
23.8500	.11	.11	.11	.11	.10
24.1000	.07	.04	.02	.01	.00
24.3500	.00	.00			

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 2

Peak Discharge	7.09 cfs
Time to Peak	12.1500 hrs
HYG Volume	1.073 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
9.4000	.00	.00	.00	.00	.01
9.6500	.01	.01	.01	.02	.02
9.9000	.02	.02	.03	.03	.03
10.1500	.03	.04	.04	.05	.05
10.4000	.06	.07	.08	.08	.09
10.6500	.10	.11	.12	.13	.14
10.9000	.15	.16	.18	.19	.21
11.1500	.22	.25	.27	.30	.33
11.4000	.36	.39	.43	.49	.60
11.6500	.75	.98	1.24	1.57	1.93
11.9000	2.37	3.20	4.71	6.03	7.00
12.1500	7.09	6.10	5.23	4.59	4.16
12.4000	3.78	3.46	3.10	2.84	2.62
12.6500	2.50	2.45	2.43	2.42	2.41
12.9000	2.38	2.35	2.31	2.27	2.23
13.1500	2.19	2.16	2.13	2.09	2.06
13.4000	2.03	1.99	1.96	1.92	1.89
13.6500	1.85	1.81	1.78	1.74	1.71
13.9000	1.67	1.64	1.60	1.57	1.54
14.1500	1.51	1.49	1.46	1.44	1.42
14.4000	1.39	1.37	1.35	1.33	1.31
14.6500	1.29	1.27	1.25	1.23	1.21
14.9000	1.19	1.18	1.16	1.14	1.12
15.1500	1.11	1.09	1.07	1.06	1.04
15.4000	1.03	1.01	.99	.98	.96
15.6500	.95	.93	.92	.90	.89
15.9000	.87	.86	.84	.83	.82
16.1500	.80	.79	.78	.77	.76
16.4000	.75	.74	.74	.73	.72
16.6500	.71	.70	.69	.68	.67
16.9000	.67	.66	.65	.64	.63

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
17.1500	.63	.62	.61	.60	.60
17.4000	.59	.58	.58	.57	.56
17.6500	.56	.55	.54	.54	.53
17.9000	.53	.52	.51	.51	.50
18.1500	.50	.49	.49	.48	.48
18.4000	.48	.47	.47	.47	.46
18.6500	.46	.46	.45	.45	.45
18.9000	.44	.44	.44	.43	.43
19.1500	.43	.42	.42	.42	.42
19.4000	.41	.41	.41	.41	.40
19.6500	.40	.40	.39	.39	.39
19.9000	.39	.38	.38	.38	.38
20.1500	.38	.37	.37	.37	.37
20.4000	.37	.36	.36	.36	.36
20.6500	.36	.35	.35	.35	.35
20.9000	.35	.34	.34	.34	.34
21.1500	.34	.33	.33	.33	.33
21.4000	.33	.33	.32	.32	.32
21.6500	.32	.32	.32	.31	.31
21.9000	.31	.31	.31	.31	.30
22.1500	.30	.30	.30	.30	.30
22.4000	.30	.29	.29	.29	.29
22.6500	.29	.29	.29	.28	.28
22.9000	.28	.28	.28	.28	.28
23.1500	.27	.27	.27	.27	.27
23.4000	.27	.27	.26	.26	.26
23.6500	.26	.26	.26	.26	.25
23.9000	.25	.25	.25	.23	.19
24.1500	.15	.14	.13	.12	.12
24.4000	.12	.12	.11	.11	.11
24.6500	.11	.11	.10	.10	.10
24.9000	.10	.10	.09	.09	.09
25.1500	.09	.09	.08	.08	.08
25.4000	.08	.08	.08	.07	.07
25.6500	.07	.07	.07	.07	.07
25.9000	.06	.06	.06	.06	.06
26.1500	.06	.06	.05	.05	.05
26.4000	.05	.05	.05	.05	.05
26.6500	.04	.04	.04	.04	.04
26.9000	.04	.04	.04	.04	.04
27.1500	.04	.04	.03	.03	.03
27.4000	.03	.03	.03	.03	.03
27.6500	.03	.03	.03	.03	.03
27.9000	.03	.03	.03	.03	.03
28.1500	.03	.03	.02	.02	.02

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
28.4000	.02	.02	.02	.02	.02
28.6500	.02	.02	.02	.02	.02
28.9000	.02	.02	.02	.02	.02
29.1500	.02	.02	.02	.02	.02
29.4000	.02	.02	.02	.02	.02
29.6500	.02	.02	.02	.01	.01
29.9000	.01	.01	.01	.01	.01
30.1500	.01	.01	.01	.01	.01
30.4000	.01	.01	.01	.01	.01
30.6500	.01	.01	.01	.01	.01
30.9000	.01	.01	.01	.01	.01
31.1500	.01	.01	.01	.01	.01
31.4000	.01	.01	.01	.01	.01
31.6500	.01	.01	.01	.01	.01
31.9000	.01	.01	.01	.01	.01
32.1500	.01	.01	.01	.01	.01
32.4000	.01	.01	.01	.01	.01
32.6500	.01	.01	.01	.01	.01
32.9000	.01	.01	.01	.01	.01
33.1500	.01	.01	.01	.01	.01
33.4000	.01	.01	.01	.01	.01
33.6500	.01	.01	.01	.01	.01
33.9000	.01	.01	.01	.01	.01
34.1500	.01	.01	.01	.01	.01
34.4000	.01	.01	.01	.01	.01
34.6500	.01	.01	.01	.01	.01
34.9000	.01	.01	.01	.01	.01
35.1500	.01	.01	.01	.01	.01
35.4000	.01	.01	.01	.01	.01
35.6500	.01	.01	.01	.01	.01
35.9000	.01	.01	.01	.01	.01
36.1500	.01	.01	.01	.01	.01
36.4000	.01	.01	.01	.01	.01
36.6500	.01	.01	.01	.01	.00
36.9000	.00	.00	.00	.00	.00
37.1500	.00	.00	.00	.00	.00
37.4000	.00	.00	.00	.00	.00
37.6500	.00	.00	.00	.00	.00
37.9000	.00	.00	.00	.00	.00
38.1500	.00	.00	.00	.00	.00
38.4000	.00	.00	.00	.00	.00
38.6500	.00	.00	.00	.00	.00
38.9000	.00	.00	.00	.00	.00
39.1500	.00	.00	.00	.00	.00
39.4000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
39.6500	.00	.00	.00	.00	.00
39.9000	.00	.00	.00	.00	.00
40.1500	.00	.00	.00	.00	.00
40.4000	.00	.00	.00	.00	.00
40.6500	.00	.00	.00	.00	.00
40.9000	.00	.00	.00	.00	.00
41.1500	.00				

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
16.8000	.49	.48	.48	.47	.47
17.0500	.46	.45	.45	.44	.44
17.3000	.43	.43	.42	.42	.41
17.5500	.41	.40	.40	.39	.39
17.8000	.38	.38	.37	.37	.36
18.0500	.36	.35	.35	.35	.34
18.3000	.34	.34	.34	.34	.34
18.5500	.33	.33	.33	.33	.33
18.8000	.33	.32	.32	.32	.32
19.0500	.32	.32	.32	.31	.31
19.3000	.31	.31	.31	.31	.30
19.5500	.30	.30	.30	.30	.30
19.8000	.30	.29	.29	.29	.29
20.0500	.29	.29	.28	.28	.28
20.3000	.28	.28	.28	.28	.28
20.5500	.28	.27	.27	.27	.27
20.8000	.27	.27	.27	.27	.26
21.0500	.26	.26	.26	.26	.26
21.3000	.26	.26	.26	.25	.25
21.5500	.25	.25	.25	.25	.25
21.8000	.25	.24	.24	.24	.24
22.0500	.24	.24	.24	.24	.23
22.3000	.23	.23	.23	.23	.23
22.5500	.23	.23	.23	.22	.22
22.8000	.22	.22	.22	.22	.22
23.0500	.22	.21	.21	.21	.21
23.3000	.21	.21	.21	.21	.20
23.5500	.20	.20	.20	.20	.20
23.8000	.20	.20	.19	.19	.19
24.0500	.18	.12	.07	.03	.02
24.3000	.01	.00	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 10

Peak Discharge =	15.73 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	2.209 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
7.7500	.00	.00	.00	.00	.01
8.0000	.01	.01	.01	.01	.01
8.2500	.02	.02	.02	.02	.03
8.5000	.03	.03	.03	.04	.04
8.7500	.05	.05	.06	.07	.07
9.0000	.08	.09	.09	.10	.11
9.2500	.12	.13	.13	.14	.15
9.5000	.16	.17	.18	.19	.20
9.7500	.21	.22	.23	.24	.25
10.0000	.26	.28	.29	.30	.32
10.2500	.34	.35	.37	.39	.41
10.5000	.43	.45	.47	.49	.51
10.7500	.53	.56	.58	.60	.63
11.0000	.65	.68	.72	.76	.82
11.2500	.88	.95	1.02	1.09	1.17
11.5000	1.25	1.40	1.67	2.04	2.60
11.7500	3.21	3.94	4.70	5.60	7.34
12.0000	10.51	13.22	15.28	15.73	14.20
12.2500	12.94	12.12	11.62	11.05	10.49
12.5000	9.72	9.04	8.35	7.84	7.44
12.7500	7.11	6.79	6.48	6.18	5.89
13.0000	5.59	5.32	5.07	4.85	4.66
13.2500	4.48	4.30	4.15	4.01	3.87
13.5000	3.74	3.62	3.50	3.40	3.29
13.7500	3.20	3.10	3.02	2.93	2.85
14.0000	2.77	2.70	2.63	2.57	2.51
14.2500	2.46	2.41	2.36	2.32	2.28
14.5000	2.23	2.19	2.15	2.12	2.08
14.7500	2.04	2.01	1.98	1.94	1.91
15.0000	1.88	1.85	1.82	1.79	1.76
15.2500	1.73	1.71	1.68	1.65	1.63

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
15.5000	1.60	1.58	1.55	1.52	1.50
15.7500	1.47	1.45	1.42	1.40	1.38
16.0000	1.35	1.33	1.31	1.29	1.27
16.2500	1.25	1.24	1.22	1.21	1.19
16.5000	1.18	1.16	1.15	1.13	1.12
16.7500	1.11	1.09	1.08	1.07	1.05
17.0000	1.04	1.03	1.02	1.00	.99
17.2500	.98	.97	.96	.94	.93
17.5000	.92	.91	.90	.89	.87
17.7500	.86	.85	.84	.83	.82
18.0000	.81	.80	.79	.78	.77
18.2500	.77	.76	.75	.75	.74
18.5000	.73	.73	.72	.72	.71
18.7500	.71	.70	.70	.69	.69
19.0000	.68	.68	.67	.67	.67
19.2500	.66	.66	.65	.65	.65
19.5000	.64	.64	.63	.63	.63
19.7500	.62	.62	.62	.61	.61
20.0000	.60	.60	.60	.59	.59
20.2500	.59	.59	.58	.58	.58
20.5000	.57	.57	.57	.57	.56
20.7500	.56	.56	.56	.55	.55
21.0000	.55	.55	.54	.54	.54
21.2500	.53	.53	.53	.53	.52
21.5000	.52	.52	.52	.51	.51
21.7500	.51	.51	.50	.50	.50
22.0000	.50	.49	.49	.49	.49
22.2500	.48	.48	.48	.48	.48
22.5000	.47	.47	.47	.47	.46
22.7500	.46	.46	.46	.45	.45
23.0000	.45	.45	.44	.44	.44
23.2500	.44	.43	.43	.43	.43
23.5000	.43	.42	.42	.42	.42
23.7500	.41	.41	.41	.41	.40
24.0000	.40	.37	.29	.24	.21
24.2500	.19	.18	.18	.17	.17
24.5000	.17	.16	.16	.16	.15
24.7500	.15	.15	.14	.14	.14
25.0000	.13	.13	.13	.13	.12
25.2500	.12	.12	.11	.11	.11
25.5000	.11	.10	.10	.10	.09
25.7500	.09	.09	.09	.08	.08
26.0000	.08	.08	.08	.08	.07
26.2500	.07	.07	.07	.07	.07
26.5000	.06	.06	.06	.06	.06

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
26.7500	.06	.06	.05	.05	.05
27.0000	.05	.05	.05	.05	.04
27.2500	.04	.04	.04	.04	.04
27.5000	.04	.04	.04	.04	.04
27.7500	.04	.03	.03	.03	.03
28.0000	.03	.03	.03	.03	.03
28.2500	.03	.03	.03	.03	.03
28.5000	.03	.03	.03	.03	.03
28.7500	.03	.02	.02	.02	.02
29.0000	.02	.02	.02	.02	.02
29.2500	.02	.02	.02	.02	.02
29.5000	.02	.02	.02	.02	.02
29.7500	.02	.02	.02	.02	.02
30.0000	.02	.02	.02	.02	.02
30.2500	.02	.02	.02	.01	.01
30.5000	.01	.01	.01	.01	.01
30.7500	.01	.01	.01	.01	.01
31.0000	.01	.01	.01	.01	.01
31.2500	.01	.01	.01	.01	.01
31.5000	.01	.01	.01	.01	.01
31.7500	.01	.01	.01	.01	.01
32.0000	.01	.01	.01	.01	.01
32.2500	.01	.01	.01	.01	.01
32.5000	.01	.01	.01	.01	.01
32.7500	.01	.01	.01	.01	.01
33.0000	.01	.01	.01	.01	.01
33.2500	.01	.01	.01	.01	.01
33.5000	.01	.01	.01	.01	.01
33.7500	.01	.01	.01	.01	.01
34.0000	.01	.01	.01	.01	.01
34.2500	.01	.01	.01	.01	.01
34.5000	.01	.01	.01	.01	.01
34.7500	.01	.01	.01	.01	.01
35.0000	.01	.01	.01	.01	.01
35.2500	.01	.01	.01	.01	.01
35.5000	.01	.01	.01	.01	.01
35.7500	.01	.01	.01	.01	.01
36.0000	.01	.01	.01	.01	.01
36.2500	.01	.01	.01	.01	.01
36.5000	.01	.01	.01	.01	.01
36.7500	.01	.01	.01	.01	.01
37.0000	.01	.01	.01	.01	.01
37.2500	.01	.01	.01	.01	.00
37.5000	.00	.00	.00	.00	.00
37.7500	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
38.0000	.00	.00	.00	.00	.00
38.2500	.00	.00	.00	.00	.00
38.5000	.00	.00	.00	.00	.00
38.7500	.00	.00	.00	.00	.00
39.0000	.00	.00	.00	.00	.00
39.2500	.00	.00	.00	.00	.00
39.5000	.00	.00	.00	.00	.00
39.7500	.00	.00	.00	.00	.00
40.0000	.00	.00	.00	.00	.00
40.2500	.00	.00	.00	.00	.00
40.5000	.00	.00	.00	.00	.00
40.7500	.00	.00	.00	.00	.00
41.0000	.00	.00	.00	.00	.00
41.2500	.00	.00	.00	.00	.00
41.5000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
15.8500	.85	.84	.82	.80	.79
16.1000	.78	.76	.75	.75	.74
16.3500	.73	.72	.72	.71	.70
16.6000	.69	.69	.68	.67	.67
16.8500	.66	.65	.65	.64	.63
17.1000	.62	.62	.61	.60	.60
17.3500	.59	.58	.57	.57	.56
17.6000	.55	.54	.54	.53	.52
17.8500	.52	.51	.50	.49	.49
18.1000	.48	.48	.47	.47	.47
18.3500	.46	.46	.46	.46	.46
18.6000	.45	.45	.45	.45	.45
18.8500	.44	.44	.44	.44	.44
19.1000	.43	.43	.43	.43	.42
19.3500	.42	.42	.42	.42	.41
19.6000	.41	.41	.41	.40	.40
19.8500	.40	.40	.40	.39	.39
20.1000	.39	.39	.39	.39	.38
20.3500	.38	.38	.38	.38	.38
20.6000	.37	.37	.37	.37	.37
20.8500	.37	.36	.36	.36	.36
21.1000	.36	.36	.35	.35	.35
21.3500	.35	.35	.35	.34	.34
21.6000	.34	.34	.34	.34	.33
21.8500	.33	.33	.33	.33	.33
22.1000	.32	.32	.32	.32	.32
22.3500	.32	.31	.31	.31	.31
22.6000	.31	.31	.31	.30	.30
22.8500	.30	.30	.30	.29	.29
23.1000	.29	.29	.29	.29	.28
23.3500	.28	.28	.28	.28	.28
23.6000	.27	.27	.27	.27	.27
23.8500	.27	.26	.26	.26	.24
24.1000	.17	.09	.04	.02	.01
24.3500	.00	.00	.00		

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 25

Peak Discharge =	24.31 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	3.164 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
6.7000	.00	.00	.00	.00	.01
6.9500	.01	.01	.01	.01	.01
7.2000	.02	.02	.02	.02	.02
7.4500	.03	.03	.03	.03	.04
7.7000	.04	.04	.05	.05	.06
7.9500	.06	.07	.07	.08	.09
8.2000	.09	.10	.11	.11	.12
8.4500	.13	.14	.15	.16	.17
8.7000	.18	.19	.20	.21	.22
8.9500	.23	.24	.25	.26	.28
9.2000	.29	.30	.32	.33	.34
9.4500	.36	.37	.39	.40	.41
9.7000	.43	.45	.46	.48	.49
9.9500	.51	.53	.55	.57	.59
10.2000	.61	.64	.67	.69	.72
10.4500	.75	.78	.81	.84	.87
10.7000	.90	.94	.97	1.00	1.04
10.9500	1.07	1.11	1.15	1.21	1.28
11.2000	1.37	1.46	1.57	1.67	1.78
11.4500	1.89	2.02	2.25	2.66	3.25
11.7000	4.13	5.11	6.30	7.58	9.14
11.9500	11.99	16.94	21.05	23.94	24.31
12.2000	21.80	19.69	18.19	17.16	16.13
12.4500	15.19	14.08	13.17	12.29	11.64
12.7000	11.11	10.62	10.12	9.63	9.13
12.9500	8.64	8.16	7.71	7.28	6.90
13.2000	6.57	6.27	5.99	5.74	5.50
13.4500	5.28	5.08	4.90	4.71	4.55
13.7000	4.40	4.26	4.12	3.99	3.87
13.9500	3.75	3.64	3.54	3.44	3.36
14.2000	3.28	3.21	3.14	3.08	3.02

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
14.4500	2.96	2.91	2.85	2.80	2.75
14.7000	2.70	2.66	2.61	2.57	2.53
14.9500	2.48	2.44	2.41	2.36	2.33
15.2000	2.29	2.25	2.21	2.18	2.14
15.4500	2.11	2.07	2.04	2.00	1.97
15.7000	1.94	1.90	1.87	1.84	1.81
15.9500	1.78	1.74	1.72	1.69	1.66
16.2000	1.64	1.62	1.60	1.58	1.56
16.4500	1.54	1.52	1.50	1.48	1.47
16.7000	1.45	1.43	1.41	1.40	1.38
16.9500	1.36	1.35	1.33	1.31	1.30
17.2000	1.28	1.27	1.25	1.24	1.22
17.4500	1.21	1.19	1.18	1.16	1.15
17.7000	1.13	1.12	1.10	1.09	1.08
17.9500	1.06	1.05	1.03	1.02	1.01
18.2000	1.00	.99	.98	.98	.97
18.4500	.96	.95	.95	.94	.93
18.7000	.92	.92	.91	.91	.90
18.9500	.89	.89	.88	.87	.87
19.2000	.86	.86	.85	.85	.84
19.4500	.84	.83	.82	.82	.81
19.7000	.81	.80	.80	.79	.79
19.9500	.78	.78	.78	.77	.77
20.2000	.76	.76	.75	.75	.75
20.4500	.74	.74	.74	.73	.73
20.7000	.72	.72	.72	.72	.71
20.9500	.71	.71	.70	.70	.69
21.2000	.69	.69	.69	.68	.68
21.4500	.68	.67	.67	.67	.66
21.7000	.66	.66	.65	.65	.65
21.9500	.64	.64	.64	.64	.63
22.2000	.63	.63	.62	.62	.62
22.4500	.61	.61	.61	.61	.60
22.7000	.60	.60	.59	.59	.59
22.9500	.58	.58	.58	.57	.57
23.2000	.57	.57	.56	.56	.56
23.4500	.56	.55	.55	.54	.54
23.7000	.54	.54	.53	.53	.53
23.9500	.52	.52	.48	.37	.30
24.2000	.26	.24	.23	.22	.22
24.4500	.21	.21	.21	.20	.20
24.7000	.19	.19	.18	.18	.17
24.9500	.17	.16	.16	.16	.15
25.2000	.15	.14	.14	.14	.13
25.4500	.13	.13	.12	.12	.12

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
25.7000	.11	.11	.11	.10	.10
25.9500	.10	.10	.09	.09	.09
26.2000	.09	.08	.08	.08	.08
26.4500	.08	.07	.07	.07	.07
26.7000	.07	.07	.06	.06	.06
26.9500	.06	.06	.06	.06	.05
27.2000	.05	.05	.05	.05	.05
27.4500	.05	.04	.04	.04	.04
27.7000	.04	.04	.04	.04	.04
27.9500	.04	.04	.04	.03	.03
28.2000	.03	.03	.03	.03	.03
28.4500	.03	.03	.03	.03	.03
28.7000	.03	.03	.03	.03	.03
28.9500	.03	.03	.03	.02	.02
29.2000	.02	.02	.02	.02	.02
29.4500	.02	.02	.02	.02	.02
29.7000	.02	.02	.02	.02	.02
29.9500	.02	.02	.02	.02	.02
30.2000	.02	.02	.02	.02	.02
30.4500	.02	.02	.02	.02	.01
30.7000	.01	.01	.01	.01	.01
30.9500	.01	.01	.01	.01	.01
31.2000	.01	.01	.01	.01	.01
31.4500	.01	.01	.01	.01	.01
31.7000	.01	.01	.01	.01	.01
31.9500	.01	.01	.01	.01	.01
32.2000	.01	.01	.01	.01	.01
32.4500	.01	.01	.01	.01	.01
32.7000	.01	.01	.01	.01	.01
32.9500	.01	.01	.01	.01	.01
33.2000	.01	.01	.01	.01	.01
33.4500	.01	.01	.01	.01	.01
33.7000	.01	.01	.01	.01	.01
33.9500	.01	.01	.01	.01	.01
34.2000	.01	.01	.01	.01	.01
34.4500	.01	.01	.01	.01	.01
34.7000	.01	.01	.01	.01	.01
34.9500	.01	.01	.01	.01	.01
35.2000	.01	.01	.01	.01	.01
35.4500	.01	.01	.01	.01	.01
35.7000	.01	.01	.01	.01	.01
35.9500	.01	.01	.01	.01	.01
36.2000	.01	.01	.01	.01	.01
36.4500	.01	.01	.01	.01	.01
36.7000	.01	.01	.01	.01	.01

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
36.9500	.01	.01	.01	.01	.01
37.2000	.01	.01	.01	.01	.01
37.4500	.01	.01	.01	.01	.01
37.7000	.01	.00	.00	.00	.00
37.9500	.00	.00	.00	.00	.00
38.2000	.00	.00	.00	.00	.00
38.4500	.00	.00	.00	.00	.00
38.7000	.00	.00	.00	.00	.00
38.9500	.00	.00	.00	.00	.00
39.2000	.00	.00	.00	.00	.00
39.4500	.00	.00	.00	.00	.00
39.7000	.00	.00	.00	.00	.00
39.9500	.00	.00	.00	.00	.00
40.2000	.00	.00	.00	.00	.00
40.4500	.00	.00	.00	.00	.00
40.7000	.00	.00	.00	.00	.00
40.9500	.00	.00	.00	.00	.00
41.2000	.00	.00	.00	.00	.00
41.4500	.00	.00	.00	.00	.00
41.7000	.00	.00	.00	.00	.00
41.9500	.00	.00			

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
15.1000	1.38	1.36	1.34	1.32	1.30
15.3500	1.28	1.25	1.23	1.21	1.19
15.6000	1.17	1.15	1.13	1.11	1.09
15.8500	1.07	1.05	1.03	1.01	.99
16.1000	.97	.96	.94	.93	.92
16.3500	.92	.91	.90	.89	.88
16.6000	.87	.86	.85	.84	.83
16.8500	.82	.82	.81	.80	.79
17.1000	.78	.77	.76	.75	.74
17.3500	.74	.73	.72	.71	.70
17.6000	.69	.68	.67	.66	.65
17.8500	.64	.64	.63	.62	.61
18.1000	.60	.59	.59	.59	.58
18.3500	.58	.58	.58	.57	.57
18.6000	.57	.57	.56	.56	.56
18.8500	.55	.55	.55	.55	.54
19.1000	.54	.54	.54	.53	.53
19.3500	.53	.52	.52	.52	.52
19.6000	.51	.51	.51	.51	.50
19.8500	.50	.50	.49	.49	.49
20.1000	.49	.48	.48	.48	.48
20.3500	.48	.47	.47	.47	.47
20.6000	.47	.46	.46	.46	.46
20.8500	.46	.45	.45	.45	.45
21.1000	.45	.44	.44	.44	.44
21.3500	.44	.43	.43	.43	.43
21.6000	.42	.42	.42	.42	.42
21.8500	.42	.41	.41	.41	.41
22.1000	.40	.40	.40	.40	.40
22.3500	.39	.39	.39	.39	.39
22.6000	.38	.38	.38	.38	.38
22.8500	.37	.37	.37	.37	.37
23.1000	.36	.36	.36	.36	.35
23.3500	.35	.35	.35	.35	.34
23.6000	.34	.34	.34	.34	.33
23.8500	.33	.33	.33	.32	.30
24.1000	.21	.11	.05	.03	.01
24.3500	.01	.00	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 50

Peak Discharge =	31.93 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	4.071 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
5.9500	.00	.00	.00	.00	.01
6.2000	.01	.01	.01	.01	.01
6.4500	.02	.02	.02	.02	.02
6.7000	.03	.03	.03	.03	.04
6.9500	.04	.05	.05	.06	.06
7.2000	.07	.07	.08	.08	.09
7.4500	.09	.10	.11	.11	.12
7.7000	.13	.13	.14	.15	.15
7.9500	.16	.17	.18	.19	.19
8.2000	.21	.22	.23	.24	.25
8.4500	.26	.27	.29	.30	.31
8.7000	.33	.34	.36	.37	.39
8.9500	.40	.42	.44	.45	.47
9.2000	.49	.50	.52	.54	.56
9.4500	.58	.60	.62	.64	.66
9.7000	.68	.70	.72	.74	.76
9.9500	.78	.81	.83	.86	.89
10.2000	.92	.95	.99	1.03	1.07
10.4500	1.10	1.14	1.18	1.22	1.26
10.7000	1.31	1.35	1.39	1.44	1.49
10.9500	1.53	1.58	1.64	1.72	1.83
11.2000	1.97	2.12	2.30	2.48	2.70
11.4500	2.92	3.18	3.59	4.26	5.18
11.7000	6.49	7.93	9.63	11.41	13.51
11.9500	17.24	23.53	28.53	31.86	31.93
12.2000	28.35	25.33	23.15	21.63	20.13
12.4500	18.75	17.21	15.98	14.86	14.12
12.7000	13.62	13.22	12.81	12.37	11.85
12.9500	11.26	10.65	10.05	9.49	8.98
13.2000	8.52	8.09	7.70	7.33	7.00
13.4500	6.69	6.41	6.15	5.90	5.68

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
13.7000	5.47	5.28	5.10	4.92	4.76
13.9500	4.61	4.47	4.34	4.21	4.10
14.2000	4.00	3.91	3.83	3.75	3.67
14.4500	3.60	3.53	3.46	3.40	3.34
14.7000	3.28	3.22	3.17	3.11	3.06
14.9500	3.01	2.96	2.91	2.87	2.82
15.2000	2.77	2.73	2.68	2.64	2.60
15.4500	2.56	2.51	2.47	2.43	2.39
15.7000	2.35	2.31	2.27	2.23	2.19
15.9500	2.15	2.11	2.07	2.04	2.01
16.2000	1.98	1.95	1.93	1.90	1.88
16.4500	1.85	1.83	1.81	1.79	1.77
16.7000	1.75	1.73	1.70	1.68	1.66
16.9500	1.65	1.62	1.61	1.59	1.57
17.2000	1.55	1.53	1.51	1.49	1.48
17.4500	1.46	1.44	1.42	1.40	1.39
17.7000	1.37	1.35	1.33	1.32	1.30
17.9500	1.28	1.26	1.25	1.23	1.22
18.2000	1.21	1.20	1.19	1.18	1.17
18.4500	1.16	1.15	1.15	1.14	1.13
18.7000	1.12	1.11	1.10	1.10	1.09
18.9500	1.08	1.07	1.07	1.06	1.05
19.2000	1.05	1.04	1.03	1.02	1.02
19.4500	1.01	1.01	1.00	.99	.99
19.7000	.98	.98	.97	.96	.96
19.9500	.95	.95	.94	.94	.93
20.2000	.93	.92	.92	.91	.91
20.4500	.90	.90	.89	.89	.89
20.7000	.88	.87	.87	.87	.86
20.9500	.86	.86	.85	.85	.84
21.2000	.84	.83	.83	.83	.82
21.4500	.82	.81	.81	.81	.80
21.7000	.80	.79	.79	.79	.78
21.9500	.78	.77	.77	.77	.76
22.2000	.76	.76	.75	.75	.74
22.4500	.74	.74	.73	.73	.73
22.7000	.72	.72	.71	.71	.71
22.9500	.70	.70	.70	.69	.69
23.2000	.69	.68	.68	.67	.67
23.4500	.67	.66	.66	.66	.65
23.7000	.65	.65	.64	.64	.63
23.9500	.63	.63	.57	.45	.36
24.2000	.31	.28	.27	.26	.26
24.4500	.25	.24	.24	.23	.23
24.7000	.22	.22	.21	.21	.20

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
24.9500	.20	.19	.19	.18	.18
25.2000	.17	.17	.16	.16	.15
25.4500	.15	.14	.14	.14	.13
25.7000	.13	.12	.12	.12	.11
25.9500	.11	.11	.11	.10	.10
26.2000	.10	.09	.09	.09	.09
26.4500	.08	.08	.08	.08	.08
26.7000	.07	.07	.07	.07	.07
26.9500	.07	.06	.06	.06	.06
27.2000	.06	.06	.06	.05	.05
27.4500	.05	.05	.05	.05	.05
27.7000	.04	.04	.04	.04	.04
27.9500	.04	.04	.04	.04	.04
28.2000	.04	.04	.03	.03	.03
28.4500	.03	.03	.03	.03	.03
28.7000	.03	.03	.03	.03	.03
28.9500	.03	.03	.03	.03	.03
29.2000	.03	.03	.02	.02	.02
29.4500	.02	.02	.02	.02	.02
29.7000	.02	.02	.02	.02	.02
29.9500	.02	.02	.02	.02	.02
30.2000	.02	.02	.02	.02	.02
30.4500	.02	.02	.02	.02	.02
30.7000	.02	.02	.02	.01	.01
30.9500	.01	.01	.01	.01	.01
31.2000	.01	.01	.01	.01	.01
31.4500	.01	.01	.01	.01	.01
31.7000	.01	.01	.01	.01	.01
31.9500	.01	.01	.01	.01	.01
32.2000	.01	.01	.01	.01	.01
32.4500	.01	.01	.01	.01	.01
32.7000	.01	.01	.01	.01	.01
32.9500	.01	.01	.01	.01	.01
33.2000	.01	.01	.01	.01	.01
33.4500	.01	.01	.01	.01	.01
33.7000	.01	.01	.01	.01	.01
33.9500	.01	.01	.01	.01	.01
34.2000	.01	.01	.01	.01	.01
34.4500	.01	.01	.01	.01	.01
34.7000	.01	.01	.01	.01	.01
34.9500	.01	.01	.01	.01	.01
35.2000	.01	.01	.01	.01	.01
35.4500	.01	.01	.01	.01	.01
35.7000	.01	.01	.01	.01	.01
35.9500	.01	.01	.01	.01	.01

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
36.2000	.01	.01	.01	.01	.01
36.4500	.01	.01	.01	.01	.01
36.7000	.01	.01	.01	.01	.01
36.9500	.01	.01	.01	.01	.01
37.2000	.01	.01	.01	.01	.01
37.4500	.01	.01	.01	.01	.01
37.7000	.01	.01	.01	.01	.01
37.9500	.00	.00	.00	.00	.00
38.2000	.00	.00	.00	.00	.00
38.4500	.00	.00	.00	.00	.00
38.7000	.00	.00	.00	.00	.00
38.9500	.00	.00	.00	.00	.00
39.2000	.00	.00	.00	.00	.00
39.4500	.00	.00	.00	.00	.00
39.7000	.00	.00	.00	.00	.00
39.9500	.00	.00	.00	.00	.00
40.2000	.00	.00	.00	.00	.00
40.4500	.00	.00	.00	.00	.00
40.7000	.00	.00	.00	.00	.00
40.9500	.00	.00	.00	.00	.00
41.2000	.00	.00	.00	.00	.00
41.4500	.00	.00	.00	.00	.00
41.7000	.00	.00	.00	.00	.00
41.9500	.00	.00	.00	.00	.00
42.2000	.00				

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
14.3000	2.12	2.09	2.07	2.04	2.02
14.5500	1.99	1.97	1.94	1.92	1.89
14.8000	1.87	1.84	1.82	1.79	1.77
15.0500	1.74	1.72	1.69	1.67	1.64
15.3000	1.61	1.59	1.56	1.54	1.51
15.5500	1.49	1.46	1.44	1.41	1.38
15.8000	1.36	1.33	1.31	1.28	1.26
16.0500	1.23	1.21	1.19	1.18	1.16
16.3000	1.15	1.14	1.13	1.12	1.10
16.5500	1.09	1.08	1.07	1.06	1.05
16.8000	1.04	1.03	1.01	1.00	.99
17.0500	.98	.97	.96	.95	.94
17.3000	.92	.91	.90	.89	.88
17.5500	.87	.86	.85	.83	.82
17.8000	.81	.80	.79	.78	.77
18.0500	.75	.75	.74	.73	.73
18.3000	.72	.72	.72	.71	.71
18.5500	.71	.70	.70	.70	.69
18.8000	.69	.69	.68	.68	.68
19.0500	.67	.67	.67	.66	.66
19.3000	.66	.65	.65	.65	.64
19.5500	.64	.64	.63	.63	.63
19.8000	.62	.62	.62	.61	.61
20.0500	.61	.60	.60	.60	.60
20.3000	.59	.59	.59	.58	.58
20.5500	.58	.58	.57	.57	.57
20.8000	.57	.56	.56	.56	.56
21.0500	.56	.55	.55	.55	.54
21.3000	.54	.54	.54	.53	.53
21.5500	.53	.53	.52	.52	.52
21.8000	.52	.51	.51	.51	.51
22.0500	.50	.50	.50	.50	.49
22.3000	.49	.49	.48	.48	.48
22.5500	.48	.48	.47	.47	.47
22.8000	.46	.46	.46	.46	.45
23.0500	.45	.45	.45	.44	.44
23.3000	.44	.44	.43	.43	.43
23.5500	.43	.42	.42	.42	.42
23.8000	.41	.41	.41	.40	.40
24.0500	.37	.26	.14	.07	.03
24.3000	.02	.01	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 1
HYG Tag = 100

Peak Discharge =	40.67 cfs
Time to Peak =	12.1000 hrs
HYG Volume =	5.191 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
5.1500	.00	.00	.00	.00	.01
5.4000	.01	.01	.01	.01	.02
5.6500	.02	.02	.02	.02	.02
5.9000	.03	.03	.03	.03	.04
6.1500	.04	.04	.05	.05	.06
6.4000	.06	.07	.07	.08	.09
6.6500	.09	.10	.10	.11	.12
6.9000	.12	.13	.14	.15	.15
7.1500	.16	.17	.18	.19	.19
7.4000	.20	.21	.22	.23	.24
7.6500	.25	.26	.27	.27	.28
7.9000	.29	.30	.31	.33	.34
8.1500	.35	.37	.38	.40	.41
8.4000	.43	.45	.46	.48	.50
8.6500	.52	.54	.56	.58	.60
8.9000	.62	.64	.66	.69	.71
9.1500	.73	.75	.78	.80	.83
9.4000	.85	.88	.90	.93	.95
9.6500	.98	1.01	1.03	1.06	1.09
9.9000	1.12	1.15	1.18	1.21	1.24
10.1500	1.28	1.33	1.37	1.42	1.47
10.4000	1.52	1.58	1.64	1.71	1.78
10.6500	1.87	1.96	2.06	2.18	2.30
10.9000	2.43	2.57	2.71	2.88	3.07
11.1500	3.29	3.54	3.81	4.10	4.38
11.4000	4.69	4.99	5.32	5.85	6.71
11.6500	7.89	9.58	11.40	13.58	15.82
11.9000	18.44	23.04	30.84	36.85	40.67
12.1500	40.36	35.51	31.43	28.38	26.23
12.4000	24.19	22.39	20.41	18.86	17.46
12.6500	16.56	15.98	15.57	15.20	14.85

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.9000	14.44	14.01	13.50	12.98	12.42
13.1500	11.86	11.26	10.69	10.14	9.63
13.4000	9.16	8.71	8.30	7.92	7.56
13.6500	7.24	6.94	6.67	6.41	6.17
13.9000	5.94	5.74	5.55	5.37	5.20
14.1500	5.05	4.92	4.81	4.69	4.59
14.4000	4.49	4.39	4.30	4.22	4.14
14.6500	4.06	3.98	3.91	3.84	3.78
14.9000	3.71	3.65	3.59	3.53	3.47
15.1500	3.41	3.36	3.30	3.25	3.20
15.4000	3.14	3.09	3.04	2.99	2.94
15.6500	2.89	2.84	2.79	2.74	2.70
15.9000	2.65	2.60	2.55	2.51	2.47
16.1500	2.43	2.39	2.36	2.33	2.30
16.4000	2.27	2.24	2.22	2.19	2.16
16.6500	2.13	2.11	2.08	2.06	2.03
16.9000	2.01	1.98	1.96	1.93	1.91
17.1500	1.89	1.87	1.84	1.82	1.80
17.4000	1.78	1.76	1.74	1.72	1.69
17.6500	1.67	1.65	1.63	1.61	1.59
17.9000	1.57	1.55	1.53	1.51	1.49
18.1500	1.47	1.46	1.45	1.44	1.43
18.4000	1.42	1.41	1.39	1.38	1.37
18.6500	1.36	1.35	1.34	1.33	1.33
18.9000	1.32	1.31	1.30	1.29	1.28
19.1500	1.27	1.27	1.26	1.25	1.24
19.4000	1.23	1.23	1.22	1.21	1.20
19.6500	1.20	1.19	1.18	1.18	1.17
19.9000	1.16	1.15	1.15	1.14	1.13
20.1500	1.13	1.12	1.12	1.11	1.11
20.4000	1.10	1.09	1.09	1.08	1.08
20.6500	1.07	1.07	1.06	1.06	1.05
20.9000	1.05	1.04	1.04	1.03	1.03
21.1500	1.02	1.02	1.01	1.01	1.00
21.4000	1.00	.99	.99	.98	.98
21.6500	.97	.97	.96	.96	.96
21.9000	.95	.95	.94	.94	.93
22.1500	.93	.92	.92	.91	.91
22.4000	.90	.90	.89	.89	.89
22.6500	.88	.88	.87	.87	.86
22.9000	.86	.85	.85	.84	.84
23.1500	.83	.83	.82	.82	.81
23.4000	.81	.81	.80	.80	.79
23.6500	.79	.78	.78	.77	.77
23.9000	.76	.76	.76	.69	.53

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
24.1500	.42	.36	.33	.32	.31
24.4000	.30	.29	.28	.28	.27
24.6500	.26	.26	.25	.24	.24
24.9000	.23	.22	.22	.21	.21
25.1500	.20	.19	.19	.18	.18
25.4000	.17	.17	.16	.16	.15
25.6500	.15	.14	.14	.13	.13
25.9000	.13	.12	.12	.12	.11
26.1500	.11	.11	.10	.10	.10
26.4000	.10	.09	.09	.09	.08
26.6500	.08	.08	.08	.08	.07
26.9000	.07	.07	.07	.07	.07
27.1500	.06	.06	.06	.06	.06
27.4000	.06	.06	.05	.05	.05
27.6500	.05	.05	.05	.05	.05
27.9000	.04	.04	.04	.04	.04
28.1500	.04	.04	.04	.04	.04
28.4000	.04	.03	.03	.03	.03
28.6500	.03	.03	.03	.03	.03
28.9000	.03	.03	.03	.03	.03
29.1500	.03	.03	.03	.03	.03
29.4000	.03	.03	.02	.02	.02
29.6500	.02	.02	.02	.02	.02
29.9000	.02	.02	.02	.02	.02
30.1500	.02	.02	.02	.02	.02
30.4000	.02	.02	.02	.02	.02
30.6500	.02	.02	.02	.02	.02
30.9000	.02	.02	.02	.01	.01
31.1500	.01	.01	.01	.01	.01
31.4000	.01	.01	.01	.01	.01
31.6500	.01	.01	.01	.01	.01
31.9000	.01	.01	.01	.01	.01
32.1500	.01	.01	.01	.01	.01
32.4000	.01	.01	.01	.01	.01
32.6500	.01	.01	.01	.01	.01
32.9000	.01	.01	.01	.01	.01
33.1500	.01	.01	.01	.01	.01
33.4000	.01	.01	.01	.01	.01
33.6500	.01	.01	.01	.01	.01
33.9000	.01	.01	.01	.01	.01
34.1500	.01	.01	.01	.01	.01
34.4000	.01	.01	.01	.01	.01
34.6500	.01	.01	.01	.01	.01
34.9000	.01	.01	.01	.01	.01
35.1500	.01	.01	.01	.01	.01

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
35.4000	.01	.01	.01	.01	.01
35.6500	.01	.01	.01	.01	.01
35.9000	.01	.01	.01	.01	.01
36.1500	.01	.01	.01	.01	.01
36.4000	.01	.01	.01	.01	.01
36.6500	.01	.01	.01	.01	.01
36.9000	.01	.01	.01	.01	.01
37.1500	.01	.01	.01	.01	.01
37.4000	.01	.01	.01	.01	.01
37.6500	.01	.01	.01	.01	.01
37.9000	.01	.01	.01	.01	.00
38.1500	.00	.00	.00	.00	.00
38.4000	.00	.00	.00	.00	.00
38.6500	.00	.00	.00	.00	.00
38.9000	.00	.00	.00	.00	.00
39.1500	.00	.00	.00	.00	.00
39.4000	.00	.00	.00	.00	.00
39.6500	.00	.00	.00	.00	.00
39.9000	.00	.00	.00	.00	.00
40.1500	.00	.00	.00	.00	.00
40.4000	.00	.00	.00	.00	.00
40.6500	.00	.00	.00	.00	.00
40.9000	.00	.00	.00	.00	.00
41.1500	.00	.00	.00	.00	.00
41.4000	.00	.00	.00	.00	.00
41.6500	.00	.00	.00	.00	.00
41.9000	.00	.00	.00	.00	.00
42.1500	.00	.00	.00	.00	.00

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
2.4000	394.83	394.83	394.83	394.83	394.83
2.6500	394.83	394.83	394.83	394.83	394.83
2.9000	394.84	394.84	394.84	394.84	394.84
3.1500	394.84	394.84	394.84	394.84	394.84
3.4000	394.84	394.84	394.84	394.84	394.84
3.6500	394.84	394.84	394.84	394.85	394.85
3.9000	394.85	394.85	394.85	394.85	394.85
4.1500	394.85	394.85	394.85	394.86	394.86
4.4000	394.86	394.86	394.86	394.86	394.86
4.6500	394.86	394.87	394.87	394.87	394.87
4.9000	394.87	394.87	394.87	394.88	394.88
5.1500	394.88	394.88	394.88	394.88	394.89
5.4000	394.89	394.89	394.89	394.89	394.89
5.6500	394.90	394.90	394.90	394.90	394.90
5.9000	394.91	394.91	394.91	394.91	394.92
6.1500	394.92	394.92	394.92	394.93	394.93
6.4000	394.93	394.93	394.94	394.94	394.94
6.6500	394.94	394.95	394.95	394.95	394.96
6.9000	394.96	394.96	394.97	394.97	394.97
7.1500	394.98	394.98	394.98	394.99	394.99
7.4000	394.99	395.00	395.00	395.01	395.01
7.6500	395.01	395.02	395.02	395.03	395.03
7.9000	395.04	395.04	395.05	395.05	395.06
8.1500	395.06	395.07	395.07	395.08	395.08
8.4000	395.09	395.09	395.10	395.11	395.11
8.6500	395.12	395.12	395.13	395.14	395.15
8.9000	395.15	395.16	395.17	395.18	395.18
9.1500	395.19	395.20	395.21	395.22	395.22
9.4000	395.23	395.24	395.25	395.26	395.27
9.6500	395.28	395.29	395.30	395.31	395.32
9.9000	395.33	395.34	395.35	395.36	395.37
10.1500	395.38	395.39	395.41	395.42	395.43
10.4000	395.44	395.46	395.47	395.49	395.51
10.6500	395.53	395.56	395.59	395.62	395.65
10.9000	395.68	395.71	395.75	395.78	395.82
11.1500	395.86	395.89	395.94	395.98	396.03
11.4000	396.08	396.13	396.18	396.24	396.31
11.6500	396.40	396.51	396.63	396.78	396.96
11.9000	397.16	397.41	397.75	398.03	398.12
12.1500	398.19	398.25	398.30	398.33	398.37
12.4000	398.39	398.41	398.42	398.43	398.44
12.6500	398.44	398.44	398.44	398.44	398.44
12.9000	398.44	398.44	398.44	398.44	398.44

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
13.1500	398.44	398.44	398.43	398.43	398.43
13.4000	398.43	398.43	398.43	398.43	398.42
13.6500	398.42	398.42	398.42	398.42	398.42
13.9000	398.42	398.42	398.42	398.41	398.41
14.1500	398.41	398.41	398.41	398.41	398.41
14.4000	398.41	398.41	398.41	398.40	398.40
14.6500	398.40	398.40	398.40	398.40	398.40
14.9000	398.40	398.40	398.40	398.40	398.40
15.1500	398.40	398.40	398.40	398.39	398.39
15.4000	398.39	398.39	398.39	398.39	398.39
15.6500	398.39	398.39	398.39	398.39	398.39
15.9000	398.39	398.39	398.39	398.39	398.39
16.1500	398.39	398.38	398.38	398.38	398.38
16.4000	398.38	398.38	398.38	398.38	398.38
16.6500	398.38	398.38	398.38	398.38	398.38
16.9000	398.38	398.38	398.38	398.38	398.38
17.1500	398.38	398.38	398.38	398.38	398.38
17.4000	398.37	398.37	398.37	398.37	398.37
17.6500	398.37	398.37	398.37	398.37	398.37
17.9000	398.37	398.37	398.37	398.37	398.37
18.1500	398.37	398.37	398.37	398.37	398.37
18.4000	398.37	398.37	398.37	398.37	398.37
18.6500	398.36	398.36	398.36	398.36	398.36
18.9000	398.36	398.36	398.36	398.36	398.36
19.1500	398.36	398.36	398.36	398.36	398.36
19.4000	398.36	398.36	398.36	398.36	398.36
19.6500	398.36	398.36	398.36	398.36	398.36
19.9000	398.36	398.36	398.36	398.36	398.36
20.1500	398.36	398.36	398.36	398.36	398.36
20.4000	398.36	398.36	398.36	398.36	398.36
20.6500	398.36	398.36	398.36	398.36	398.36
20.9000	398.36	398.36	398.36	398.36	398.36
21.1500	398.36	398.36	398.36	398.36	398.36
21.4000	398.36	398.36	398.36	398.36	398.35
21.6500	398.35	398.35	398.35	398.35	398.35
21.9000	398.35	398.35	398.35	398.35	398.35
22.1500	398.35	398.35	398.35	398.35	398.35
22.4000	398.35	398.35	398.35	398.35	398.35
22.6500	398.35	398.35	398.35	398.35	398.35
22.9000	398.35	398.35	398.35	398.35	398.35
23.1500	398.35	398.35	398.35	398.35	398.35
23.4000	398.35	398.35	398.35	398.35	398.35
23.6500	398.35	398.35	398.35	398.35	398.35
23.9000	398.35	398.35	398.35	398.35	398.35

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
24.1500	398.35	398.35	398.35	398.35	398.35
24.4000	398.34	398.34	398.34	398.34	398.34
24.6500	398.34	398.34	398.34	398.34	398.34
24.9000	398.34	398.34	398.34	398.34	398.34
25.1500	398.34	398.34	398.34	398.34	398.34
25.4000	398.34	398.34	398.34	398.34	398.34
25.6500	398.34	398.34	398.34	398.34	398.34
25.9000	398.34	398.34	398.34	398.34	398.34
26.1500	398.33	398.33	398.33	398.33	398.33
26.4000	398.33	398.33	398.33		

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
1.9500	394.83	394.83	394.83	394.83	394.83
2.2000	394.83	394.83	394.83	394.83	394.84
2.4500	394.84	394.84	394.84	394.84	394.84
2.7000	394.84	394.84	394.84	394.84	394.84
2.9500	394.84	394.84	394.84	394.84	394.84
3.2000	394.85	394.85	394.85	394.85	394.85
3.4500	394.85	394.85	394.85	394.85	394.86
3.7000	394.86	394.86	394.86	394.86	394.86
3.9500	394.86	394.87	394.87	394.87	394.87
4.2000	394.87	394.87	394.88	394.88	394.88
4.4500	394.88	394.88	394.88	394.89	394.89
4.7000	394.89	394.89	394.90	394.90	394.90
4.9500	394.90	394.90	394.91	394.91	394.91
5.2000	394.91	394.92	394.92	394.92	394.92
5.4500	394.93	394.93	394.93	394.94	394.94
5.7000	394.94	394.94	394.95	394.95	394.95
5.9500	394.96	394.96	394.96	394.97	394.97
6.2000	394.97	394.97	394.98	394.98	394.99
6.4500	394.99	394.99	395.00	395.00	395.00
6.7000	395.01	395.01	395.02	395.02	395.03
6.9500	395.03	395.03	395.04	395.04	395.05
7.2000	395.05	395.06	395.06	395.07	395.07
7.4500	395.08	395.09	395.09	395.10	395.10
7.7000	395.11	395.11	395.12	395.13	395.13
7.9500	395.14	395.14	395.15	395.16	395.16
8.2000	395.17	395.18	395.18	395.19	395.20
8.4500	395.21	395.22	395.22	395.23	395.24
8.7000	395.25	395.26	395.27	395.28	395.29
8.9500	395.29	395.30	395.31	395.32	395.34
9.2000	395.35	395.36	395.37	395.38	395.39
9.4500	395.40	395.41	395.42	395.44	395.45
9.7000	395.46	395.47	395.49	395.51	395.53
9.9500	395.55	395.58	395.61	395.64	395.67
10.2000	395.70	395.73	395.76	395.79	395.82
10.4500	395.86	395.89	395.93	395.96	396.00
10.7000	396.04	396.08	396.12	396.16	396.20
10.9500	396.24	396.28	396.32	396.37	396.42
11.2000	396.47	396.52	396.58	396.64	396.70
11.4500	396.76	396.83	396.90	396.99	397.10
11.7000	397.23	397.40	397.58	397.80	398.00
11.9500	398.07	398.16	398.25	398.35	398.44
12.2000	398.50	398.53	398.55	398.56	398.57
12.4500	398.57	398.56	398.56	398.55	398.54

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
12.7000	398.53	398.52	398.51	398.51	398.50
12.9500	398.49	398.49	398.48	398.48	398.47
13.2000	398.47	398.46	398.46	398.46	398.45
13.4500	398.45	398.45	398.45	398.44	398.44
13.7000	398.44	398.44	398.44	398.43	398.43
13.9500	398.43	398.43	398.43	398.43	398.43
14.2000	398.42	398.42	398.42	398.42	398.42
14.4500	398.42	398.42	398.42	398.42	398.41
14.7000	398.41	398.41	398.41	398.41	398.41
14.9500	398.41	398.41	398.41	398.41	398.41
15.2000	398.41	398.40	398.40	398.40	398.40
15.4500	398.40	398.40	398.40	398.40	398.40
15.7000	398.40	398.40	398.40	398.40	398.40
15.9500	398.39	398.39	398.39	398.39	398.39
16.2000	398.39	398.39	398.39	398.39	398.39
16.4500	398.39	398.39	398.39	398.39	398.39
16.7000	398.39	398.39	398.39	398.39	398.39
16.9500	398.38	398.38	398.38	398.38	398.38
17.2000	398.38	398.38	398.38	398.38	398.38
17.4500	398.38	398.38	398.38	398.38	398.38
17.7000	398.38	398.38	398.38	398.38	398.38
17.9500	398.38	398.38	398.38	398.38	398.38
18.2000	398.37	398.37	398.37	398.37	398.37
18.4500	398.37	398.37	398.37	398.37	398.37
18.7000	398.37	398.37	398.37	398.37	398.37
18.9500	398.37	398.37	398.37	398.37	398.37
19.2000	398.37	398.37	398.37	398.37	398.37
19.4500	398.37	398.37	398.37	398.37	398.37
19.7000	398.37	398.37	398.37	398.37	398.37
19.9500	398.37	398.36	398.36	398.36	398.36
20.2000	398.36	398.36	398.36	398.36	398.36
20.4500	398.36	398.36	398.36	398.36	398.36
20.7000	398.36	398.36	398.36	398.36	398.36
20.9500	398.36	398.36	398.36	398.36	398.36
21.2000	398.36	398.36	398.36	398.36	398.36
21.4500	398.36	398.36	398.36	398.36	398.36
21.7000	398.36	398.36	398.36	398.36	398.36
21.9500	398.36	398.36	398.36	398.36	398.36
22.2000	398.36	398.36	398.36	398.36	398.36
22.4500	398.36	398.36	398.36	398.36	398.36
22.7000	398.36	398.36	398.36	398.36	398.36
22.9500	398.36	398.36	398.36	398.36	398.36
23.2000	398.36	398.36	398.36	398.36	398.36
23.4500	398.36	398.36	398.35	398.35	398.35

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
23.7000	398.35	398.35	398.35	398.35	398.35
23.9500	398.35	398.35	398.35	398.35	398.35
24.2000	398.35	398.35	398.35	398.35	398.35
24.4500	398.35	398.35	398.35	398.34	398.34
24.7000	398.34	398.34	398.34	398.34	398.34
24.9500	398.34	398.34	398.34	398.34	398.34
25.2000	398.34	398.34	398.34	398.34	398.34
25.4500	398.34	398.34	398.34	398.34	398.34
25.7000	398.34	398.34	398.34	398.34	398.34
25.9500	398.34	398.34	398.34	398.34	398.34
26.2000	398.34	398.34	398.33	398.33	398.33
26.4500	398.33	398.33	398.33	398.33	398.33
26.7000	398.33				

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
1.3000	394.83	394.83	394.83	394.83	394.83
1.5500	394.83	394.83	394.84	394.84	394.84
1.8000	394.84	394.84	394.84	394.84	394.84
2.0500	394.84	394.84	394.84	394.85	394.85
2.3000	394.85	394.85	394.85	394.85	394.85
2.5500	394.86	394.86	394.86	394.86	394.86
2.8000	394.86	394.87	394.87	394.87	394.87
3.0500	394.88	394.88	394.88	394.88	394.89
3.3000	394.89	394.89	394.89	394.90	394.90
3.5500	394.90	394.90	394.91	394.91	394.91
3.8000	394.92	394.92	394.92	394.93	394.93
4.0500	394.93	394.94	394.94	394.95	394.95
4.3000	394.95	394.96	394.96	394.96	394.97
4.5500	394.97	394.98	394.98	394.99	394.99
4.8000	394.99	395.00	395.00	395.01	395.01
5.0500	395.02	395.02	395.03	395.03	395.04
5.3000	395.04	395.05	395.05	395.06	395.06
5.5500	395.07	395.07	395.08	395.08	395.09
5.8000	395.10	395.10	395.11	395.11	395.12
6.0500	395.12	395.13	395.14	395.14	395.15
6.3000	395.15	395.16	395.17	395.17	395.18
6.5500	395.19	395.20	395.20	395.21	395.22
6.8000	395.23	395.23	395.24	395.25	395.26
7.0500	395.27	395.27	395.28	395.29	395.30
7.3000	395.31	395.32	395.33	395.34	395.35
7.5500	395.36	395.36	395.37	395.38	395.39
7.8000	395.41	395.42	395.43	395.44	395.45
8.0500	395.46	395.47	395.48	395.50	395.51
8.3000	395.53	395.56	395.58	395.61	395.64
8.5500	395.66	395.69	395.72	395.75	395.78
8.8000	395.81	395.84	395.87	395.90	395.93
9.0500	395.97	396.00	396.03	396.07	396.10
9.3000	396.14	396.18	396.21	396.25	396.29
9.5500	396.33	396.37	396.41	396.45	396.49
9.8000	396.53	396.57	396.61	396.66	396.70
10.0500	396.75	396.79	396.84	396.89	396.94
10.3000	396.99	397.04	397.09	397.14	397.20
10.5500	397.25	397.31	397.37	397.43	397.49
10.8000	397.55	397.62	397.68	397.75	397.81
11.0500	397.88	397.95	398.00	398.02	398.04
11.3000	398.05	398.07	398.09	398.11	398.13
11.5500	398.16	398.18	398.21	398.25	398.30
11.8000	398.36	398.41	398.47	398.54	398.63

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
12.0500	398.72	398.80	398.85	398.87	398.86
12.3000	398.85	398.83	398.80	398.77	398.74
12.5500	398.71	398.68	398.66	398.63	398.61
12.8000	398.60	398.58	398.57	398.56	398.55
13.0500	398.54	398.53	398.52	398.51	398.51
13.3000	398.50	398.50	398.49	398.49	398.48
13.5500	398.48	398.48	398.48	398.47	398.47
13.8000	398.47	398.47	398.46	398.46	398.46
14.0500	398.46	398.45	398.45	398.45	398.45
14.3000	398.45	398.45	398.45	398.44	398.44
14.5500	398.44	398.44	398.44	398.44	398.44
14.8000	398.44	398.44	398.43	398.43	398.43
15.0500	398.43	398.43	398.43	398.43	398.43
15.3000	398.43	398.43	398.43	398.42	398.42
15.5500	398.42	398.42	398.42	398.42	398.42
15.8000	398.42	398.42	398.42	398.41	398.41
16.0500	398.41	398.41	398.41	398.41	398.41
16.3000	398.41	398.41	398.41	398.41	398.40
16.5500	398.40	398.40	398.40	398.40	398.40
16.8000	398.40	398.40	398.40	398.40	398.40
17.0500	398.40	398.40	398.40	398.40	398.40
17.3000	398.40	398.40	398.40	398.39	398.39
17.5500	398.39	398.39	398.39	398.39	398.39
17.8000	398.39	398.39	398.39	398.39	398.39
18.0500	398.39	398.39	398.39	398.39	398.39
18.3000	398.39	398.39	398.39	398.39	398.39
18.5500	398.39	398.39	398.39	398.38	398.38
18.8000	398.38	398.38	398.38	398.38	398.38
19.0500	398.38	398.38	398.38	398.38	398.38
19.3000	398.38	398.38	398.38	398.38	398.38
19.5500	398.38	398.38	398.38	398.38	398.38
19.8000	398.38	398.38	398.38	398.38	398.38
20.0500	398.38	398.38	398.38	398.38	398.38
20.3000	398.38	398.38	398.38	398.38	398.38
20.5500	398.38	398.38	398.38	398.38	398.38
20.8000	398.38	398.38	398.38	398.38	398.38
21.0500	398.38	398.38	398.38	398.37	398.37
21.3000	398.37	398.37	398.37	398.37	398.37
21.5500	398.37	398.37	398.37	398.37	398.37
21.8000	398.37	398.37	398.37	398.37	398.37
22.0500	398.37	398.37	398.37	398.37	398.37
22.3000	398.37	398.37	398.37	398.37	398.37
22.5500	398.37	398.37	398.37	398.37	398.37
22.8000	398.37	398.37	398.37	398.37	398.37

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
23.0500	398.37	398.37	398.37	398.37	398.37
23.3000	398.37	398.37	398.37	398.37	398.37
23.5500	398.37	398.37	398.37	398.37	398.37
23.8000	398.37	398.36	398.36	398.36	398.36
24.0500	398.36	398.36	398.36	398.36	398.36
24.3000	398.36	398.36	398.35	398.35	398.35
24.5500	398.35	398.35	398.35	398.35	398.35
24.8000	398.35	398.35	398.35	398.34	398.34
25.0500	398.34	398.34	398.34	398.34	398.34
25.3000	398.34	398.34	398.34	398.34	398.34
25.5500	398.34	398.34	398.34	398.34	398.34
25.8000	398.34	398.34	398.34	398.34	398.34
26.0500	398.34	398.34	398.34	398.34	398.34
26.3000	398.34	398.34	398.34	398.34	398.34
26.5500	398.34	398.34	398.34	398.33	398.33
26.8000	398.33	398.33	398.33	398.33	398.33
27.0500	398.33				

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
1.0000	394.83	394.83	394.83	394.83	394.83
1.2500	394.83	394.84	394.84	394.84	394.84
1.5000	394.84	394.84	394.84	394.84	394.84
1.7500	394.85	394.85	394.85	394.85	394.85
2.0000	394.85	394.86	394.86	394.86	394.86
2.2500	394.86	394.87	394.87	394.87	394.87
2.5000	394.88	394.88	394.88	394.89	394.89
2.7500	394.89	394.90	394.90	394.90	394.91
3.0000	394.91	394.91	394.92	394.92	394.92
3.2500	394.93	394.93	394.94	394.94	394.95
3.5000	394.95	394.95	394.96	394.96	394.97
3.7500	394.97	394.98	394.98	394.99	394.99
4.0000	395.00	395.00	395.01	395.01	395.02
4.2500	395.02	395.03	395.04	395.04	395.05
4.5000	395.05	395.06	395.07	395.07	395.08
4.7500	395.08	395.09	395.10	395.10	395.11
5.0000	395.12	395.12	395.13	395.14	395.14
5.2500	395.15	395.16	395.16	395.17	395.18
5.5000	395.19	395.19	395.20	395.21	395.22
5.7500	395.22	395.23	395.24	395.25	395.26
6.0000	395.26	395.27	395.28	395.29	395.30
6.2500	395.31	395.31	395.32	395.33	395.34
6.5000	395.35	395.36	395.37	395.38	395.39
6.7500	395.40	395.41	395.42	395.43	395.44
7.0000	395.45	395.46	395.48	395.49	395.51
7.2500	395.52	395.55	395.57	395.59	395.62
7.5000	395.64	395.67	395.70	395.72	395.75
7.7500	395.78	395.80	395.83	395.86	395.89
8.0000	395.92	395.95	395.97	396.01	396.04
8.2500	396.07	396.10	396.13	396.17	396.20
8.5000	396.24	396.27	396.31	396.35	396.38
8.7500	396.42	396.46	396.50	396.54	396.58
9.0000	396.63	396.67	396.71	396.76	396.80
9.2500	396.85	396.90	396.94	396.99	397.04
9.5000	397.09	397.14	397.19	397.24	397.30
9.7500	397.35	397.40	397.46	397.52	397.57
10.0000	397.63	397.69	397.75	397.81	397.87
10.2500	397.93	397.99	398.00	398.02	398.04
10.5000	398.05	398.07	398.08	398.10	398.11
10.7500	398.13	398.14	398.16	398.18	398.19
11.0000	398.21	398.23	398.24	398.26	398.28
11.2500	398.30	398.32	398.34	398.37	398.39
11.5000	398.41	398.43	398.45	398.48	398.51

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11.7500	398.55	398.59	398.63	398.67	398.73
12.0000	398.81	398.90	398.99	399.06	399.09
12.2500	399.09	399.08	399.06	399.03	398.99
12.5000	398.95	398.90	398.85	398.80	398.75
12.7500	398.71	398.68	398.66	398.64	398.62
13.0000	398.60	398.58	398.57	398.56	398.55
13.2500	398.54	398.53	398.53	398.52	398.52
13.5000	398.51	398.51	398.50	398.50	398.50
13.7500	398.49	398.49	398.49	398.49	398.48
14.0000	398.48	398.48	398.48	398.47	398.47
14.2500	398.47	398.47	398.47	398.46	398.46
14.5000	398.46	398.46	398.46	398.46	398.46
14.7500	398.45	398.45	398.45	398.45	398.45
15.0000	398.45	398.45	398.45	398.45	398.44
15.2500	398.44	398.44	398.44	398.44	398.44
15.5000	398.44	398.44	398.44	398.43	398.43
15.7500	398.43	398.43	398.43	398.43	398.43
16.0000	398.43	398.43	398.43	398.42	398.42
16.2500	398.42	398.42	398.42	398.42	398.42
16.5000	398.42	398.42	398.42	398.42	398.41
16.7500	398.41	398.41	398.41	398.41	398.41
17.0000	398.41	398.41	398.41	398.41	398.41
17.2500	398.41	398.41	398.41	398.41	398.40
17.5000	398.40	398.40	398.40	398.40	398.40
17.7500	398.40	398.40	398.40	398.40	398.40
18.0000	398.40	398.40	398.40	398.40	398.40
18.2500	398.40	398.40	398.39	398.39	398.39
18.5000	398.39	398.39	398.39	398.39	398.39
18.7500	398.39	398.39	398.39	398.39	398.39
19.0000	398.39	398.39	398.39	398.39	398.39
19.2500	398.39	398.39	398.39	398.39	398.39
19.5000	398.39	398.39	398.39	398.39	398.39
19.7500	398.39	398.39	398.39	398.39	398.39
20.0000	398.39	398.39	398.39	398.39	398.39
20.2500	398.39	398.39	398.39	398.39	398.39
20.5000	398.39	398.39	398.39	398.39	398.39
20.7500	398.38	398.38	398.38	398.38	398.38
21.0000	398.38	398.38	398.38	398.38	398.38
21.2500	398.38	398.38	398.38	398.38	398.38
21.5000	398.38	398.38	398.38	398.38	398.38
21.7500	398.38	398.38	398.38	398.38	398.38
22.0000	398.38	398.38	398.38	398.38	398.38
22.2500	398.38	398.38	398.38	398.38	398.38
22.5000	398.38	398.38	398.38	398.38	398.38

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.7500	398.38	398.38	398.38	398.38	398.38
23.0000	398.38	398.38	398.38	398.38	398.38
23.2500	398.38	398.38	398.38	398.38	398.38
23.5000	398.37	398.37	398.37	398.37	398.37
23.7500	398.37	398.37	398.37	398.37	398.37
24.0000	398.37	398.37	398.37	398.37	398.37
24.2500	398.37	398.36	398.36	398.36	398.36
24.5000	398.36	398.36	398.35	398.35	398.35
24.7500	398.35	398.35	398.35	398.35	398.35
25.0000	398.35	398.35	398.35	398.34	398.34
25.2500	398.34	398.34	398.34	398.34	398.34
25.5000	398.34	398.34	398.34	398.34	398.34
25.7500	398.34	398.34	398.34	398.34	398.34
26.0000	398.34	398.34	398.34	398.34	398.34
26.2500	398.34	398.34	398.34	398.34	398.34
26.5000	398.34	398.34	398.34	398.34	398.34
26.7500	398.34	398.34	398.34	398.33	398.33
27.0000	398.33	398.33	398.33	398.33	398.33
27.2500	398.33				

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
.8500	394.83	394.83	394.83	394.83	394.83
1.1000	394.84	394.84	394.84	394.84	394.84
1.3500	394.84	394.84	394.84	394.85	394.85
1.6000	394.85	394.85	394.85	394.86	394.86
1.8500	394.86	394.86	394.87	394.87	394.87
2.1000	394.88	394.88	394.88	394.89	394.89
2.3500	394.89	394.90	394.90	394.90	394.91
2.6000	394.91	394.92	394.92	394.93	394.93
2.8500	394.94	394.94	394.94	394.95	394.95
3.1000	394.96	394.96	394.97	394.98	394.98
3.3500	394.99	394.99	395.00	395.00	395.01
3.6000	395.02	395.02	395.03	395.03	395.04
3.8500	395.05	395.05	395.06	395.07	395.07
4.1000	395.08	395.09	395.10	395.10	395.11
4.3500	395.12	395.12	395.13	395.14	395.15
4.6000	395.16	395.16	395.17	395.18	395.19
4.8500	395.20	395.20	395.21	395.22	395.23
5.1000	395.24	395.25	395.26	395.26	395.27
5.3500	395.28	395.29	395.30	395.31	395.32
5.6000	395.33	395.34	395.35	395.36	395.37
5.8500	395.38	395.39	395.40	395.41	395.42
6.1000	395.43	395.44	395.45	395.46	395.47
6.3500	395.48	395.50	395.52	395.53	395.56
6.6000	395.58	395.61	395.63	395.66	395.68
6.8500	395.71	395.73	395.76	395.79	395.82
7.1000	395.84	395.87	395.90	395.93	395.96
7.3500	395.99	396.02	396.05	396.08	396.11
7.6000	396.15	396.18	396.21	396.25	396.28
7.8500	396.31	396.35	396.38	396.42	396.45
8.1000	396.49	396.53	396.56	396.60	396.64
8.3500	396.68	396.72	396.77	396.81	396.85
8.6000	396.90	396.94	396.99	397.04	397.08
8.8500	397.13	397.18	397.23	397.29	397.34
9.1000	397.39	397.45	397.50	397.56	397.61
9.3500	397.67	397.73	397.79	397.85	397.91
9.6000	397.97	398.00	398.02	398.03	398.05
9.8500	398.06	398.07	398.09	398.10	398.11
10.1000	398.13	398.14	398.16	398.17	398.19
10.3500	398.20	398.22	398.23	398.25	398.27
10.6000	398.28	398.30	398.32	398.34	398.35
10.8500	398.37	398.39	398.40	398.42	398.43
11.1000	398.44	398.45	398.46	398.47	398.49
11.3500	398.50	398.51	398.52	398.53	398.54

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11.6000	398.55	398.57	398.60	398.63	398.67
11.8500	398.71	398.75	398.81	398.90	399.02
12.1000	399.13	399.22	399.26	399.27	399.26
12.3500	399.24	399.22	399.18	399.14	399.08
12.6000	399.03	398.97	398.91	398.86	398.81
12.8500	398.76	398.72	398.69	398.66	398.64
13.1000	398.62	398.61	398.59	398.58	398.57
13.3500	398.56	398.55	398.54	398.54	398.53
13.6000	398.53	398.52	398.52	398.51	398.51
13.8500	398.51	398.50	398.50	398.50	398.50
14.1000	398.49	398.49	398.49	398.49	398.48
14.3500	398.48	398.48	398.48	398.48	398.48
14.6000	398.47	398.47	398.47	398.47	398.47
14.8500	398.47	398.47	398.46	398.46	398.46
15.1000	398.46	398.46	398.46	398.46	398.46
15.3500	398.45	398.45	398.45	398.45	398.45
15.6000	398.45	398.45	398.45	398.44	398.44
15.8500	398.44	398.44	398.44	398.44	398.44
16.1000	398.44	398.44	398.43	398.43	398.43
16.3500	398.43	398.43	398.43	398.43	398.43
16.6000	398.43	398.43	398.43	398.42	398.42
16.8500	398.42	398.42	398.42	398.42	398.42
17.1000	398.42	398.42	398.42	398.42	398.42
17.3500	398.42	398.41	398.41	398.41	398.41
17.6000	398.41	398.41	398.41	398.41	398.41
17.8500	398.41	398.41	398.41	398.41	398.41
18.1000	398.41	398.40	398.40	398.40	398.40
18.3500	398.40	398.40	398.40	398.40	398.40
18.6000	398.40	398.40	398.40	398.40	398.40
18.8500	398.40	398.40	398.40	398.40	398.40
19.1000	398.40	398.40	398.40	398.40	398.40
19.3500	398.40	398.40	398.40	398.40	398.40
19.6000	398.40	398.39	398.39	398.39	398.39
19.8500	398.39	398.39	398.39	398.39	398.39
20.1000	398.39	398.39	398.39	398.39	398.39
20.3500	398.39	398.39	398.39	398.39	398.39
20.6000	398.39	398.39	398.39	398.39	398.39
20.8500	398.39	398.39	398.39	398.39	398.39
21.1000	398.39	398.39	398.39	398.39	398.39
21.3500	398.39	398.39	398.39	398.39	398.39
21.6000	398.39	398.39	398.39	398.39	398.39
21.8500	398.39	398.39	398.39	398.39	398.39
22.1000	398.39	398.39	398.39	398.39	398.39
22.3500	398.39	398.39	398.39	398.39	398.39

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.6000	398.38	398.38	398.38	398.38	398.38
22.8500	398.38	398.38	398.38	398.38	398.38
23.1000	398.38	398.38	398.38	398.38	398.38
23.3500	398.38	398.38	398.38	398.38	398.38
23.6000	398.38	398.38	398.38	398.38	398.38
23.8500	398.38	398.38	398.38	398.38	398.38
24.1000	398.38	398.38	398.37	398.37	398.37
24.3500	398.37	398.36	398.36	398.36	398.36
24.6000	398.36	398.36	398.36	398.35	398.35
24.8500	398.35	398.35	398.35	398.35	398.35
25.1000	398.35	398.35	398.35	398.35	398.34
25.3500	398.34	398.34	398.34	398.34	398.34
25.6000	398.34	398.34	398.34	398.34	398.34
25.8500	398.34	398.34	398.34	398.34	398.34
26.1000	398.34	398.34	398.34	398.34	398.34
26.3500	398.34	398.34	398.34	398.34	398.34
26.6000	398.34	398.34	398.34	398.34	398.34
26.8500	398.34	398.34	398.34	398.34	398.33
27.1000	398.33	398.33	398.33	398.33	398.33
27.3500	398.33	398.33			

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
.7000	394.83	394.83	394.83	394.83	394.83
.9500	394.84	394.84	394.84	394.84	394.84
1.2000	394.84	394.85	394.85	394.85	394.85
1.4500	394.86	394.86	394.86	394.87	394.87
1.7000	394.87	394.88	394.88	394.88	394.89
1.9500	394.89	394.90	394.90	394.90	394.91
2.2000	394.91	394.92	394.92	394.93	394.93
2.4500	394.94	394.94	394.95	394.96	394.96
2.7000	394.97	394.97	394.98	394.99	394.99
2.9500	395.00	395.00	395.01	395.02	395.03
3.2000	395.03	395.04	395.05	395.05	395.06
3.4500	395.07	395.08	395.08	395.09	395.10
3.7000	395.11	395.12	395.13	395.13	395.14
3.9500	395.15	395.16	395.17	395.18	395.19
4.2000	395.20	395.21	395.21	395.22	395.23
4.4500	395.24	395.25	395.26	395.27	395.28
4.7000	395.29	395.30	395.31	395.32	395.33
4.9500	395.35	395.36	395.37	395.38	395.39
5.2000	395.40	395.41	395.42	395.43	395.45
5.4500	395.46	395.47	395.48	395.50	395.51
5.7000	395.53	395.56	395.58	395.61	395.63
5.9500	395.65	395.68	395.71	395.73	395.76
6.2000	395.78	395.81	395.84	395.86	395.89
6.4500	395.92	395.95	395.98	396.01	396.04
6.7000	396.07	396.10	396.13	396.17	396.20
6.9500	396.23	396.27	396.30	396.34	396.37
7.2000	396.41	396.44	396.48	396.52	396.55
7.4500	396.59	396.63	396.67	396.71	396.75
7.7000	396.79	396.83	396.87	396.91	396.95
7.9500	397.00	397.04	397.08	397.13	397.17
8.2000	397.22	397.27	397.31	397.36	397.41
8.4500	397.47	397.52	397.57	397.63	397.68
8.7000	397.74	397.79	397.85	397.91	397.97
8.9500	398.00	398.01	398.03	398.05	398.06
9.2000	398.07	398.08	398.10	398.11	398.13
9.4500	398.14	398.15	398.17	398.18	398.20
9.7000	398.21	398.23	398.24	398.26	398.27
9.9500	398.29	398.31	398.32	398.34	398.35
10.2000	398.37	398.38	398.40	398.41	398.42
10.4500	398.43	398.44	398.45	398.46	398.47
10.7000	398.48	398.48	398.49	398.50	398.50
10.9500	398.51	398.51	398.52	398.52	398.53
11.2000	398.53	398.54	398.54	398.55	398.56

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11.4500	398.56	398.57	398.58	398.60	398.62
11.7000	398.65	398.68	398.72	398.77	398.82
11.9500	398.89	399.01	399.15	399.29	399.40
12.2000	399.46	399.48	399.48	399.46	399.44
12.4500	399.41	399.36	399.31	399.25	399.19
12.7000	399.13	399.07	399.01	398.95	398.90
12.9500	398.84	398.79	398.75	398.71	398.68
13.2000	398.66	398.64	398.62	398.61	398.59
13.4500	398.58	398.57	398.57	398.56	398.55
13.7000	398.55	398.54	398.54	398.53	398.53
13.9500	398.52	398.52	398.52	398.51	398.51
14.2000	398.51	398.51	398.50	398.50	398.50
14.4500	398.50	398.50	398.49	398.49	398.49
14.7000	398.49	398.49	398.49	398.48	398.48
14.9500	398.48	398.48	398.48	398.48	398.48
15.2000	398.47	398.47	398.47	398.47	398.47
15.4500	398.47	398.47	398.46	398.46	398.46
15.7000	398.46	398.46	398.46	398.46	398.45
15.9500	398.45	398.45	398.45	398.45	398.45
16.2000	398.45	398.44	398.44	398.44	398.44
16.4500	398.44	398.44	398.44	398.44	398.44
16.7000	398.44	398.44	398.44	398.43	398.43
16.9500	398.43	398.43	398.43	398.43	398.43
17.2000	398.43	398.43	398.43	398.43	398.43
17.4500	398.43	398.42	398.42	398.42	398.42
17.7000	398.42	398.42	398.42	398.42	398.42
17.9500	398.42	398.42	398.42	398.42	398.41
18.2000	398.41	398.41	398.41	398.41	398.41
18.4500	398.41	398.41	398.41	398.41	398.41
18.7000	398.41	398.41	398.41	398.41	398.41
18.9500	398.41	398.41	398.41	398.41	398.41
19.2000	398.41	398.40	398.40	398.40	398.40
19.4500	398.40	398.40	398.40	398.40	398.40
19.7000	398.40	398.40	398.40	398.40	398.40
19.9500	398.40	398.40	398.40	398.40	398.40
20.2000	398.40	398.40	398.40	398.40	398.40
20.4500	398.40	398.40	398.40	398.40	398.40
20.7000	398.40	398.40	398.40	398.40	398.40
20.9500	398.40	398.40	398.40	398.40	398.40
21.2000	398.40	398.40	398.40	398.40	398.40
21.4500	398.39	398.39	398.39	398.39	398.39
21.7000	398.39	398.39	398.39	398.39	398.39
21.9500	398.39	398.39	398.39	398.39	398.39
22.2000	398.39	398.39	398.39	398.39	398.39

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
22.4500	398.39	398.39	398.39	398.39	398.39
22.7000	398.39	398.39	398.39	398.39	398.39
22.9500	398.39	398.39	398.39	398.39	398.39
23.2000	398.39	398.39	398.39	398.39	398.39
23.4500	398.39	398.39	398.39	398.39	398.39
23.7000	398.39	398.39	398.39	398.39	398.39
23.9500	398.39	398.39	398.38	398.38	398.38
24.2000	398.38	398.38	398.37	398.37	398.37
24.4500	398.37	398.37	398.36	398.36	398.36
24.7000	398.36	398.36	398.36	398.35	398.35
24.9500	398.35	398.35	398.35	398.35	398.35
25.2000	398.35	398.35	398.35	398.35	398.34
25.4500	398.34	398.34	398.34	398.34	398.34
25.7000	398.34	398.34	398.34	398.34	398.34
25.9500	398.34	398.34	398.34	398.34	398.34
26.2000	398.34	398.34	398.34	398.34	398.34
26.4500	398.34	398.34	398.34	398.34	398.34
26.7000	398.34	398.34	398.34	398.34	398.34
26.9500	398.34	398.34	398.34	398.34	398.33
27.2000	398.33	398.33	398.33	398.33	398.33
27.4500	398.33	398.33			

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
5.6000	395.33	395.33	395.33	395.33	395.33
5.8500	395.33	395.33	395.33	395.33	395.33
6.1000	395.34	395.34	395.34	395.34	395.34
6.3500	395.34	395.34	395.34	395.34	395.34
6.6000	395.34	395.34	395.34	395.34	395.34
6.8500	395.34	395.35	395.35	395.35	395.35
7.1000	395.35	395.35	395.35	395.35	395.35
7.3500	395.36	395.36	395.36	395.36	395.36
7.6000	395.36	395.37	395.37	395.37	395.37
7.8500	395.37	395.38	395.38	395.38	395.38
8.1000	395.38	395.39	395.39	395.39	395.39
8.3500	395.40	395.40	395.40	395.41	395.41
8.6000	395.41	395.42	395.42	395.43	395.43
8.8500	395.43	395.44	395.44	395.45	395.45
9.1000	395.46	395.46	395.47	395.47	395.48
9.3500	395.48	395.49	395.50	395.50	395.51
9.6000	395.51	395.52	395.53	395.53	395.54
9.8500	395.55	395.56	395.57	395.57	395.58
10.1000	395.59	395.60	395.61	395.62	395.63
10.3500	395.64	395.65	395.66	395.67	395.68
10.6000	395.69	395.70	395.72	395.73	395.74
10.8500	395.76	395.77	395.78	395.80	395.81
11.1000	395.83	395.85	395.87	395.88	395.90
11.3500	395.93	395.95	395.97	396.01	396.05
11.6000	396.12	396.21	396.31	396.44	396.59
11.8500	396.77	396.98	397.24	397.62	398.07
12.1000	398.50	398.60	398.67	398.72	398.76
12.3500	398.80	398.84	398.86	398.88	398.90
12.6000	398.91	398.91	398.92	398.92	398.92
12.8500	398.92	398.92	398.93	398.92	398.92
13.1000	398.92	398.92	398.92	398.92	398.92
13.3500	398.92	398.92	398.92	398.92	398.91
13.6000	398.91	398.91	398.91	398.91	398.91
13.8500	398.91	398.91	398.91	398.91	398.90
14.1000	398.90	398.90	398.90	398.90	398.90
14.3500	398.90	398.90	398.90	398.90	398.90
14.6000	398.90	398.90	398.90	398.89	398.89
14.8500	398.89	398.89	398.89	398.89	398.89
15.1000	398.89	398.89	398.89	398.89	398.89
15.3500	398.89	398.89	398.89	398.89	398.89
15.6000	398.89	398.89	398.89	398.88	398.88
15.8500	398.88	398.88	398.88	398.88	398.88
16.1000	398.88	398.88	398.88	398.88	398.88

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
16.3500	398.88	398.88	398.88	398.88	398.88
16.6000	398.88	398.88	398.88	398.87	398.87
16.8500	398.87	398.87	398.87	398.87	398.87
17.1000	398.87	398.87	398.87	398.87	398.87
17.3500	398.87	398.87	398.87	398.87	398.87
17.6000	398.87	398.87	398.87	398.87	398.87
17.8500	398.87	398.86	398.86	398.86	398.86
18.1000	398.86	398.86	398.86	398.86	398.86
18.3500	398.86	398.86	398.86	398.86	398.86
18.6000	398.86	398.86	398.86	398.86	398.86
18.8500	398.86	398.86	398.86	398.86	398.86
19.1000	398.86	398.86	398.86	398.86	398.86
19.3500	398.86	398.86	398.86	398.86	398.86
19.6000	398.86	398.86	398.86	398.86	398.86
19.8500	398.86	398.86	398.86	398.86	398.86
20.1000	398.86	398.86	398.86	398.86	398.85
20.3500	398.85	398.85	398.85	398.85	398.85
20.6000	398.85	398.85	398.85	398.85	398.85
20.8500	398.85	398.85	398.85	398.85	398.85
21.1000	398.85	398.85	398.85	398.85	398.85
21.3500	398.85	398.85	398.85	398.85	398.85
21.6000	398.85	398.85	398.85	398.85	398.85
21.8500	398.85	398.85	398.85	398.85	398.85
22.1000	398.85	398.85	398.85	398.85	398.85
22.3500	398.85	398.85	398.85	398.85	398.85
22.6000	398.85	398.85	398.85	398.85	398.85
22.8500	398.85	398.85	398.85	398.85	398.85
23.1000	398.85	398.85	398.85	398.85	398.85
23.3500	398.85	398.85	398.85	398.85	398.85
23.6000	398.85	398.85	398.85	398.85	398.85
23.8500	398.85	398.85	398.85	398.85	398.85
24.1000	398.85	398.85	398.85	398.84	398.84
24.3500	398.84	398.84	398.84	398.84	398.84
24.6000	398.84	398.84	398.84	398.84	398.84
24.8500	398.84	398.84	398.84	398.84	398.84
25.1000	398.84	398.84	398.84	398.84	398.84
25.3500	398.84	398.84	398.84	398.83	398.83
25.6000	398.83	398.83	398.83	398.83	398.83

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
4.8000	395.33	395.33	395.33	395.33	395.33
5.0500	395.33	395.33	395.33	395.33	395.34
5.3000	395.34	395.34	395.34	395.34	395.34
5.5500	395.34	395.34	395.34	395.34	395.34
5.8000	395.34	395.34	395.34	395.34	395.34
6.0500	395.35	395.35	395.35	395.35	395.35
6.3000	395.35	395.35	395.35	395.36	395.36
6.5500	395.36	395.36	395.36	395.36	395.36
6.8000	395.37	395.37	395.37	395.37	395.37
7.0500	395.38	395.38	395.38	395.38	395.39
7.3000	395.39	395.39	395.39	395.40	395.40
7.5500	395.40	395.41	395.41	395.41	395.41
7.8000	395.42	395.42	395.43	395.43	395.43
8.0500	395.44	395.44	395.44	395.45	395.45
8.3000	395.46	395.46	395.47	395.47	395.48
8.5500	395.48	395.49	395.49	395.50	395.51
8.8000	395.51	395.52	395.53	395.53	395.54
9.0500	395.55	395.55	395.56	395.57	395.58
9.3000	395.59	395.60	395.60	395.61	395.62
9.5500	395.63	395.64	395.65	395.66	395.67
9.8000	395.68	395.69	395.70	395.72	395.73
10.0500	395.74	395.75	395.76	395.78	395.79
10.3000	395.80	395.82	395.83	395.85	395.86
10.5500	395.88	395.90	395.91	395.93	395.95
10.8000	395.97	395.99	396.02	396.05	396.09
11.0500	396.13	396.18	396.22	396.27	396.33
11.3000	396.38	396.44	396.50	396.57	396.64
11.5500	396.71	396.81	396.92	397.06	397.23
11.8000	397.43	397.67	397.94	398.29	398.55
12.0500	398.67	398.79	398.89	398.96	399.01
12.3000	399.03	399.05	399.05	399.05	399.05
12.5500	399.04	399.03	399.02	399.01	399.00
12.8000	398.99	398.98	398.98	398.97	398.97
13.0500	398.96	398.96	398.95	398.95	398.95
13.3000	398.94	398.94	398.94	398.94	398.93
13.5500	398.93	398.93	398.93	398.93	398.93
13.8000	398.93	398.92	398.92	398.92	398.92
14.0500	398.92	398.92	398.92	398.91	398.91
14.3000	398.91	398.91	398.91	398.91	398.91
14.5500	398.91	398.91	398.91	398.91	398.90
14.8000	398.90	398.90	398.90	398.90	398.90
15.0500	398.90	398.90	398.90	398.90	398.90
15.3000	398.90	398.90	398.90	398.90	398.90

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
15.5500	398.89	398.89	398.89	398.89	398.89
15.8000	398.89	398.89	398.89	398.89	398.89
16.0500	398.89	398.89	398.89	398.89	398.89
16.3000	398.89	398.89	398.88	398.88	398.88
16.5500	398.88	398.88	398.88	398.88	398.88
16.8000	398.88	398.88	398.88	398.88	398.88
17.0500	398.88	398.88	398.88	398.88	398.88
17.3000	398.88	398.88	398.88	398.88	398.88
17.5500	398.88	398.88	398.87	398.87	398.87
17.8000	398.87	398.87	398.87	398.87	398.87
18.0500	398.87	398.87	398.87	398.87	398.87
18.3000	398.87	398.87	398.87	398.87	398.87
18.5500	398.87	398.87	398.87	398.87	398.87
18.8000	398.87	398.87	398.87	398.87	398.87
19.0500	398.86	398.86	398.86	398.86	398.86
19.3000	398.86	398.86	398.86	398.86	398.86
19.5500	398.86	398.86	398.86	398.86	398.86
19.8000	398.86	398.86	398.86	398.86	398.86
20.0500	398.86	398.86	398.86	398.86	398.86
20.3000	398.86	398.86	398.86	398.86	398.86
20.5500	398.86	398.86	398.86	398.86	398.86
20.8000	398.86	398.86	398.86	398.86	398.86
21.0500	398.86	398.86	398.86	398.86	398.86
21.3000	398.86	398.86	398.86	398.86	398.86
21.5500	398.86	398.86	398.86	398.86	398.86
21.8000	398.86	398.86	398.86	398.86	398.86
22.0500	398.86	398.86	398.86	398.86	398.86
22.3000	398.86	398.86	398.86	398.86	398.86
22.5500	398.85	398.85	398.85	398.85	398.85
22.8000	398.85	398.85	398.85	398.85	398.85
23.0500	398.85	398.85	398.85	398.85	398.85
23.3000	398.85	398.85	398.85	398.85	398.85
23.5500	398.85	398.85	398.85	398.85	398.85
23.8000	398.85	398.85	398.85	398.85	398.85
24.0500	398.85	398.85	398.85	398.85	398.85
24.3000	398.85	398.85	398.84	398.84	398.84
24.5500	398.84	398.84	398.84	398.84	398.84
24.8000	398.84	398.84	398.84	398.84	398.84
25.0500	398.84	398.84	398.84	398.84	398.84
25.3000	398.84	398.84	398.84	398.84	398.84
25.5500	398.84	398.84	398.83	398.83	398.83
25.8000	398.83	398.83	398.83	398.83	

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
3.4000	395.33	395.33	395.33	395.33	395.33
3.6500	395.33	395.33	395.34	395.34	395.34
3.9000	395.34	395.34	395.34	395.34	395.34
4.1500	395.34	395.34	395.34	395.34	395.34
4.4000	395.35	395.35	395.35	395.35	395.35
4.6500	395.35	395.35	395.36	395.36	395.36
4.9000	395.36	395.36	395.36	395.37	395.37
5.1500	395.37	395.37	395.38	395.38	395.38
5.4000	395.38	395.38	395.39	395.39	395.39
5.6500	395.40	395.40	395.40	395.40	395.41
5.9000	395.41	395.41	395.42	395.42	395.42
6.1500	395.43	395.43	395.43	395.44	395.44
6.4000	395.45	395.45	395.46	395.46	395.46
6.6500	395.47	395.47	395.48	395.48	395.49
6.9000	395.49	395.50	395.51	395.51	395.52
7.1500	395.52	395.53	395.54	395.54	395.55
7.4000	395.56	395.56	395.57	395.58	395.58
7.6500	395.59	395.60	395.61	395.62	395.62
7.9000	395.63	395.64	395.65	395.66	395.67
8.1500	395.68	395.69	395.70	395.71	395.72
8.4000	395.73	395.74	395.75	395.76	395.77
8.6500	395.79	395.80	395.81	395.83	395.84
8.9000	395.85	395.87	395.88	395.90	395.91
9.1500	395.93	395.94	395.96	395.98	396.00
9.4000	396.03	396.06	396.10	396.14	396.17
9.6500	396.21	396.25	396.29	396.33	396.38
9.9000	396.42	396.46	396.51	396.55	396.60
10.1500	396.65	396.70	396.75	396.80	396.85
10.4000	396.91	396.96	397.02	397.08	397.14
10.6500	397.20	397.27	397.33	397.40	397.47
10.9000	397.54	397.61	397.68	397.76	397.83
11.1500	397.92	398.00	398.10	398.19	398.30
11.4000	398.41	398.49	398.53	398.55	398.59
11.6500	398.62	398.67	398.73	398.79	398.86
11.9000	398.94	399.02	399.13	399.23	399.31
12.1500	399.36	399.38	399.36	399.33	399.30
12.4000	399.27	399.23	399.20	399.17	399.14
12.6500	399.11	399.09	399.07	399.06	399.04
12.9000	399.03	399.02	399.02	399.01	399.00
13.1500	398.99	398.99	398.98	398.98	398.98
13.4000	398.97	398.97	398.97	398.97	398.96
13.6500	398.96	398.96	398.96	398.95	398.95
13.9000	398.95	398.95	398.95	398.95	398.94

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
14.1500	398.94	398.94	398.94	398.94	398.94
14.4000	398.94	398.94	398.94	398.93	398.93
14.6500	398.93	398.93	398.93	398.93	398.93
14.9000	398.93	398.93	398.93	398.93	398.92
15.1500	398.92	398.92	398.92	398.92	398.92
15.4000	398.92	398.92	398.92	398.92	398.91
15.6500	398.91	398.91	398.91	398.91	398.91
15.9000	398.91	398.91	398.91	398.91	398.91
16.1500	398.90	398.90	398.90	398.90	398.90
16.4000	398.90	398.90	398.90	398.90	398.90
16.6500	398.90	398.90	398.90	398.90	398.90
16.9000	398.90	398.90	398.89	398.89	398.89
17.1500	398.89	398.89	398.89	398.89	398.89
17.4000	398.89	398.89	398.89	398.89	398.89
17.6500	398.89	398.89	398.89	398.89	398.89
17.9000	398.89	398.89	398.89	398.89	398.89
18.1500	398.88	398.88	398.88	398.88	398.88
18.4000	398.88	398.88	398.88	398.88	398.88
18.6500	398.88	398.88	398.88	398.88	398.88
18.9000	398.88	398.88	398.88	398.88	398.88
19.1500	398.88	398.88	398.88	398.88	398.88
19.4000	398.88	398.88	398.88	398.88	398.88
19.6500	398.88	398.88	398.88	398.88	398.88
19.9000	398.88	398.88	398.88	398.88	398.88
20.1500	398.88	398.88	398.88	398.87	398.87
20.4000	398.87	398.87	398.87	398.87	398.87
20.6500	398.87	398.87	398.87	398.87	398.87
20.9000	398.87	398.87	398.87	398.87	398.87
21.1500	398.87	398.87	398.87	398.87	398.87
21.4000	398.87	398.87	398.87	398.87	398.87
21.6500	398.87	398.87	398.87	398.87	398.87
21.9000	398.87	398.87	398.87	398.87	398.87
22.1500	398.87	398.87	398.87	398.87	398.87
22.4000	398.87	398.87	398.87	398.87	398.87
22.6500	398.87	398.87	398.87	398.87	398.87
22.9000	398.87	398.87	398.87	398.87	398.86
23.1500	398.86	398.86	398.86	398.86	398.86
23.4000	398.86	398.86	398.86	398.86	398.86
23.6500	398.86	398.86	398.86	398.86	398.86
23.9000	398.86	398.86	398.86	398.86	398.86
24.1500	398.86	398.86	398.85	398.85	398.85
24.4000	398.85	398.85	398.85	398.85	398.85
24.6500	398.84	398.84	398.84	398.84	398.84
24.9000	398.84	398.84	398.84	398.84	398.84

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
25.1500	398.84	398.84	398.84	398.84	398.84
25.4000	398.84	398.84	398.84	398.84	398.84
25.6500	398.84	398.84	398.84	398.84	398.84
25.9000	398.84	398.83	398.83	398.83	398.83
26.1500	398.83	398.83			

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
2.7500	395.33	395.33	395.33	395.33	395.33
3.0000	395.33	395.33	395.34	395.34	395.34
3.2500	395.34	395.34	395.34	395.34	395.34
3.5000	395.34	395.34	395.34	395.35	395.35
3.7500	395.35	395.35	395.35	395.35	395.36
4.0000	395.36	395.36	395.36	395.36	395.37
4.2500	395.37	395.37	395.37	395.38	395.38
4.5000	395.38	395.39	395.39	395.39	395.40
4.7500	395.40	395.40	395.41	395.41	395.41
5.0000	395.42	395.42	395.42	395.43	395.43
5.2500	395.44	395.44	395.45	395.45	395.45
5.5000	395.46	395.46	395.47	395.47	395.48
5.7500	395.48	395.49	395.49	395.50	395.50
6.0000	395.51	395.52	395.52	395.53	395.53
6.2500	395.54	395.55	395.55	395.56	395.57
6.5000	395.57	395.58	395.59	395.60	395.60
6.7500	395.61	395.62	395.63	395.64	395.65
7.0000	395.65	395.66	395.67	395.68	395.69
7.2500	395.70	395.71	395.72	395.73	395.74
7.5000	395.75	395.77	395.78	395.79	395.80
7.7500	395.81	395.82	395.84	395.85	395.86
8.0000	395.87	395.89	395.90	395.92	395.93
8.2500	395.94	395.96	395.98	395.99	396.02
8.5000	396.05	396.08	396.12	396.15	396.19
8.7500	396.23	396.27	396.31	396.35	396.39
9.0000	396.43	396.47	396.52	396.56	396.61
9.2500	396.66	396.71	396.75	396.80	396.86
9.5000	396.91	396.96	397.01	397.07	397.12
9.7500	397.18	397.24	397.30	397.36	397.42
10.0000	397.48	397.54	397.61	397.67	397.74
10.2500	397.81	397.88	397.96	398.03	398.11
10.5000	398.19	398.27	398.35	398.44	398.49
10.7500	398.52	398.54	398.56	398.58	398.60
11.0000	398.62	398.64	398.66	398.68	398.70
11.2500	398.72	398.75	398.78	398.80	398.83
11.5000	398.86	398.89	398.92	398.96	399.00
11.7500	399.04	399.08	399.13	399.17	399.23
12.0000	399.32	399.42	399.52	399.60	399.62
12.2500	399.61	399.59	399.55	399.51	399.45
12.5000	399.40	399.33	399.27	399.22	399.18
12.7500	399.15	399.12	399.10	399.08	399.07
13.0000	399.05	399.04	399.03	399.03	399.02
13.2500	399.01	399.01	399.00	399.00	398.99

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
13.5000	398.99	398.99	398.99	398.98	398.98
13.7500	398.98	398.98	398.97	398.97	398.97
14.0000	398.97	398.97	398.96	398.96	398.96
14.2500	398.96	398.96	398.96	398.95	398.95
14.5000	398.95	398.95	398.95	398.95	398.95
14.7500	398.95	398.95	398.94	398.94	398.94
15.0000	398.94	398.94	398.94	398.94	398.94
15.2500	398.94	398.94	398.94	398.93	398.93
15.5000	398.93	398.93	398.93	398.93	398.93
15.7500	398.93	398.93	398.92	398.92	398.92
16.0000	398.92	398.92	398.92	398.92	398.92
16.2500	398.92	398.92	398.91	398.91	398.91
16.5000	398.91	398.91	398.91	398.91	398.91
16.7500	398.91	398.91	398.91	398.91	398.91
17.0000	398.91	398.90	398.90	398.90	398.90
17.2500	398.90	398.90	398.90	398.90	398.90
17.5000	398.90	398.90	398.90	398.90	398.90
17.7500	398.90	398.90	398.90	398.90	398.90
18.0000	398.89	398.89	398.89	398.89	398.89
18.2500	398.89	398.89	398.89	398.89	398.89
18.5000	398.89	398.89	398.89	398.89	398.89
18.7500	398.89	398.89	398.89	398.89	398.89
19.0000	398.89	398.89	398.89	398.89	398.89
19.2500	398.89	398.89	398.89	398.89	398.89
19.5000	398.89	398.89	398.89	398.89	398.89
19.7500	398.89	398.89	398.89	398.89	398.89
20.0000	398.89	398.88	398.88	398.88	398.88
20.2500	398.88	398.88	398.88	398.88	398.88
20.5000	398.88	398.88	398.88	398.88	398.88
20.7500	398.88	398.88	398.88	398.88	398.88
21.0000	398.88	398.88	398.88	398.88	398.88
21.2500	398.88	398.88	398.88	398.88	398.88
21.5000	398.88	398.88	398.88	398.88	398.88
21.7500	398.88	398.88	398.88	398.88	398.88
22.0000	398.88	398.88	398.88	398.88	398.88
22.2500	398.88	398.88	398.88	398.88	398.88
22.5000	398.88	398.88	398.88	398.88	398.88
22.7500	398.88	398.87	398.87	398.87	398.87
23.0000	398.87	398.87	398.87	398.87	398.87
23.2500	398.87	398.87	398.87	398.87	398.87
23.5000	398.87	398.87	398.87	398.87	398.87
23.7500	398.87	398.87	398.87	398.87	398.87
24.0000	398.87	398.87	398.87	398.87	398.86
24.2500	398.86	398.86	398.86	398.85	398.85

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
24.5000	398.85	398.85	398.85	398.85	398.85
24.7500	398.85	398.85	398.84	398.84	398.84
25.0000	398.84	398.84	398.84	398.84	398.84
25.2500	398.84	398.84	398.84	398.84	398.84
25.5000	398.84	398.84	398.84	398.84	398.84
25.7500	398.84	398.84	398.84	398.84	398.84
26.0000	398.84	398.84	398.83	398.83	398.83
26.2500	398.83	398.83	398.83		

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
2.3500	395.33	395.33	395.33	395.33	395.33
2.6000	395.33	395.34	395.34	395.34	395.34
2.8500	395.34	395.34	395.34	395.34	395.34
3.1000	395.35	395.35	395.35	395.35	395.35
3.3500	395.35	395.36	395.36	395.36	395.36
3.6000	395.37	395.37	395.37	395.37	395.38
3.8500	395.38	395.38	395.39	395.39	395.39
4.1000	395.40	395.40	395.40	395.41	395.41
4.3500	395.42	395.42	395.43	395.43	395.43
4.6000	395.44	395.44	395.45	395.45	395.46
4.8500	395.46	395.47	395.48	395.48	395.49
5.1000	395.49	395.50	395.50	395.51	395.52
5.3500	395.52	395.53	395.54	395.54	395.55
5.6000	395.56	395.56	395.57	395.58	395.59
5.8500	395.59	395.60	395.61	395.62	395.63
6.1000	395.63	395.64	395.65	395.66	395.67
6.3500	395.68	395.69	395.70	395.71	395.72
6.6000	395.73	395.74	395.75	395.76	395.77
6.8500	395.78	395.79	395.80	395.82	395.83
7.1000	395.84	395.85	395.87	395.88	395.89
7.3500	395.91	395.92	395.94	395.95	395.97
7.6000	395.98	396.00	396.03	396.06	396.09
7.8500	396.12	396.16	396.19	396.22	396.26
8.1000	396.29	396.33	396.37	396.41	396.45
8.3500	396.49	396.53	396.57	396.62	396.66
8.6000	396.71	396.75	396.80	396.85	396.90
8.8500	396.95	397.00	397.06	397.11	397.17
9.1000	397.22	397.28	397.34	397.40	397.46
9.3500	397.53	397.59	397.66	397.72	397.79
9.6000	397.86	397.93	398.00	398.07	398.14
9.8500	398.22	398.29	398.37	398.45	398.50
10.1000	398.52	398.54	398.56	398.57	398.59
10.3500	398.61	398.63	398.65	398.66	398.68
10.6000	398.70	398.72	398.75	398.77	398.79
10.8500	398.81	398.83	398.85	398.87	398.89
11.1000	398.91	398.93	398.94	398.96	398.97
11.3500	398.98	399.00	399.01	399.02	399.03
11.6000	399.04	399.07	399.10	399.13	399.17
11.8500	399.21	399.26	399.32	399.43	399.56
12.1000	399.69	399.79	399.83	399.82	399.80
12.3500	399.77	399.73	399.67	399.61	399.54
12.6000	399.46	399.39	399.32	399.26	399.21
12.8500	399.17	399.14	399.12	399.10	399.08

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
13.1000	399.07	399.06	399.05	399.04	399.03
13.3500	399.03	399.02	399.02	399.01	399.01
13.6000	399.01	399.00	399.00	399.00	398.99
13.8500	398.99	398.99	398.99	398.99	398.98
14.1000	398.98	398.98	398.98	398.98	398.97
14.3500	398.97	398.97	398.97	398.97	398.97
14.6000	398.97	398.96	398.96	398.96	398.96
14.8500	398.96	398.96	398.96	398.96	398.95
15.1000	398.95	398.95	398.95	398.95	398.95
15.3500	398.95	398.95	398.95	398.94	398.94
15.6000	398.94	398.94	398.94	398.94	398.94
15.8500	398.94	398.94	398.93	398.93	398.93
16.1000	398.93	398.93	398.93	398.93	398.93
16.3500	398.93	398.92	398.92	398.92	398.92
16.6000	398.92	398.92	398.92	398.92	398.92
16.8500	398.92	398.92	398.92	398.92	398.91
17.1000	398.91	398.91	398.91	398.91	398.91
17.3500	398.91	398.91	398.91	398.91	398.91
17.6000	398.91	398.91	398.91	398.91	398.90
17.8500	398.90	398.90	398.90	398.90	398.90
18.1000	398.90	398.90	398.90	398.90	398.90
18.3500	398.90	398.90	398.90	398.90	398.90
18.6000	398.90	398.90	398.90	398.90	398.90
18.8500	398.90	398.90	398.90	398.89	398.89
19.1000	398.89	398.89	398.89	398.89	398.89
19.3500	398.89	398.89	398.89	398.89	398.89
19.6000	398.89	398.89	398.89	398.89	398.89
19.8500	398.89	398.89	398.89	398.89	398.89
20.1000	398.89	398.89	398.89	398.89	398.89
20.3500	398.89	398.89	398.89	398.89	398.89
20.6000	398.89	398.89	398.89	398.89	398.89
20.8500	398.89	398.89	398.89	398.89	398.89
21.1000	398.89	398.89	398.89	398.89	398.89
21.3500	398.89	398.89	398.89	398.89	398.89
21.6000	398.89	398.89	398.89	398.89	398.89
21.8500	398.89	398.89	398.88	398.88	398.88
22.1000	398.88	398.88	398.88	398.88	398.88
22.3500	398.88	398.88	398.88	398.88	398.88
22.6000	398.88	398.88	398.88	398.88	398.88
22.8500	398.88	398.88	398.88	398.88	398.88
23.1000	398.88	398.88	398.88	398.88	398.88
23.3500	398.88	398.88	398.88	398.88	398.88
23.6000	398.88	398.88	398.88	398.88	398.88
23.8500	398.88	398.88	398.88	398.88	398.88

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
24.1000	398.87	398.87	398.87	398.87	398.86
24.3500	398.86	398.86	398.86	398.86	398.85
24.6000	398.85	398.85	398.85	398.85	398.85
24.8500	398.85	398.85	398.84	398.84	398.84
25.1000	398.84	398.84	398.84	398.84	398.84
25.3500	398.84	398.84	398.84	398.84	398.84
25.6000	398.84	398.84	398.84	398.84	398.84
25.8500	398.84	398.84	398.84	398.84	398.84
26.1000	398.84	398.84	398.84	398.83	398.83
26.3500	398.83	398.83	398.83	398.83	

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
1.9500	395.33	395.33	395.33	395.33	395.33
2.2000	395.33	395.34	395.34	395.34	395.34
2.4500	395.34	395.34	395.34	395.34	395.35
2.7000	395.35	395.35	395.35	395.35	395.36
2.9500	395.36	395.36	395.36	395.37	395.37
3.2000	395.37	395.38	395.38	395.38	395.39
3.4500	395.39	395.39	395.40	395.40	395.41
3.7000	395.41	395.42	395.42	395.43	395.43
3.9500	395.44	395.44	395.45	395.45	395.46
4.2000	395.46	395.47	395.48	395.48	395.49
4.4500	395.50	395.50	395.51	395.52	395.52
4.7000	395.53	395.54	395.55	395.55	395.56
4.9500	395.57	395.58	395.59	395.59	395.60
5.2000	395.61	395.62	395.63	395.64	395.65
5.4500	395.66	395.67	395.68	395.69	395.70
5.7000	395.71	395.72	395.73	395.74	395.75
5.9500	395.76	395.77	395.78	395.79	395.80
6.2000	395.81	395.83	395.84	395.85	395.86
6.4500	395.88	395.89	395.90	395.92	395.93
6.7000	395.95	395.96	395.98	396.00	396.02
6.9500	396.05	396.08	396.11	396.14	396.18
7.2000	396.21	396.25	396.28	396.32	396.36
7.4500	396.40	396.43	396.47	396.51	396.55
7.7000	396.59	396.64	396.68	396.72	396.77
7.9500	396.81	396.85	396.90	396.95	396.99
8.2000	397.04	397.09	397.14	397.20	397.25
8.4500	397.30	397.36	397.42	397.48	397.54
8.7000	397.60	397.66	397.73	397.79	397.86
8.9500	397.93	398.00	398.07	398.14	398.21
9.2000	398.29	398.36	398.44	398.49	398.52
9.4500	398.54	398.55	398.57	398.59	398.60
9.7000	398.62	398.64	398.66	398.68	398.69
9.9500	398.71	398.73	398.75	398.77	398.79
10.2000	398.81	398.83	398.85	398.87	398.89
10.4500	398.90	398.92	398.93	398.94	398.96
10.7000	398.96	398.97	398.98	398.99	398.99
10.9500	399.00	399.00	399.01	399.01	399.02
11.2000	399.02	399.03	399.03	399.04	399.05
11.4500	399.06	399.06	399.07	399.09	399.11
11.7000	399.14	399.18	399.23	399.28	399.33
11.9500	399.41	399.55	399.72	399.88	400.01
12.2000	400.07	400.08	400.06	400.04	399.99
12.4500	399.94	399.87	399.79	399.71	399.63

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
12.7000	399.55	399.47	399.39	399.32	399.26
12.9500	399.21	399.18	399.15	399.12	399.10
13.2000	399.09	399.08	399.07	399.06	399.05
13.4500	399.04	399.04	399.03	399.03	399.03
13.7000	399.02	399.02	399.02	399.01	399.01
13.9500	399.01	399.00	399.00	399.00	399.00
14.2000	399.00	398.99	398.99	398.99	398.99
14.4500	398.99	398.99	398.98	398.98	398.98
14.7000	398.98	398.98	398.98	398.98	398.97
14.9500	398.97	398.97	398.97	398.97	398.97
15.2000	398.97	398.97	398.96	398.96	398.96
15.4500	398.96	398.96	398.96	398.96	398.95
15.7000	398.95	398.95	398.95	398.95	398.95
15.9500	398.95	398.94	398.94	398.94	398.94
16.2000	398.94	398.94	398.94	398.94	398.94
16.4500	398.94	398.93	398.93	398.93	398.93
16.7000	398.93	398.93	398.93	398.93	398.93
16.9500	398.93	398.93	398.93	398.93	398.92
17.2000	398.92	398.92	398.92	398.92	398.92
17.4500	398.92	398.92	398.92	398.92	398.92
17.7000	398.92	398.92	398.91	398.91	398.91
17.9500	398.91	398.91	398.91	398.91	398.91
18.2000	398.91	398.91	398.91	398.91	398.91
18.4500	398.91	398.91	398.91	398.91	398.90
18.7000	398.90	398.90	398.90	398.90	398.90
18.9500	398.90	398.90	398.90	398.90	398.90
19.2000	398.90	398.90	398.90	398.90	398.90
19.4500	398.90	398.90	398.90	398.90	398.90
19.7000	398.90	398.90	398.90	398.90	398.90
19.9500	398.90	398.90	398.90	398.90	398.90
20.2000	398.90	398.90	398.90	398.90	398.90
20.4500	398.90	398.90	398.90	398.90	398.90
20.7000	398.90	398.89	398.89	398.89	398.89
20.9500	398.89	398.89	398.89	398.89	398.89
21.2000	398.89	398.89	398.89	398.89	398.89
21.4500	398.89	398.89	398.89	398.89	398.89
21.7000	398.89	398.89	398.89	398.89	398.89
21.9500	398.89	398.89	398.89	398.89	398.89
22.2000	398.89	398.89	398.89	398.89	398.89
22.4500	398.89	398.89	398.89	398.89	398.89
22.7000	398.89	398.89	398.89	398.89	398.89
22.9500	398.89	398.89	398.89	398.89	398.89
23.2000	398.89	398.89	398.89	398.89	398.89
23.4500	398.89	398.89	398.89	398.89	398.88

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
23.7000	398.88	398.88	398.88	398.88	398.88
23.9500	398.88	398.88	398.88	398.88	398.88
24.2000	398.87	398.87	398.87	398.87	398.86
24.4500	398.86	398.86	398.86	398.86	398.85
24.7000	398.85	398.85	398.85	398.85	398.85
24.9500	398.85	398.85	398.84	398.84	398.84
25.2000	398.84	398.84	398.84	398.84	398.84
25.4500	398.84	398.84	398.84	398.84	398.84
25.7000	398.84	398.84	398.84	398.84	398.84
25.9500	398.84	398.84	398.84	398.84	398.84
26.2000	398.84	398.84	398.83	398.83	398.83
26.4500	398.83	398.83	398.83	398.83	

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
12.3000	395.25	395.25	395.26	395.26	395.28
12.5500	395.29	395.31	395.33	395.35	395.37
12.8000	395.39	395.41	395.43	395.45	395.47
13.0500	395.48	395.50	395.51	395.52	395.54
13.3000	395.55	395.56	395.57	395.57	395.58
13.5500	395.59	395.59	395.60	395.60	395.61
13.8000	395.61	395.61	395.62	395.62	395.62
14.0500	395.62	395.62	395.62	395.62	395.62
14.3000	395.62	395.62	395.62	395.62	395.62
14.5500	395.62	395.62	395.62	395.62	395.62
14.8000	395.61	395.61	395.61	395.61	395.61
15.0500	395.61	395.60	395.60	395.60	395.60
15.3000	395.60	395.60	395.59	395.59	395.59
15.5500	395.59	395.59	395.58	395.58	395.58
15.8000	395.58	395.58	395.57	395.57	395.57
16.0500	395.57	395.57	395.56	395.56	395.56
16.3000	395.56	395.56	395.55	395.55	395.55
16.5500	395.55	395.55	395.54	395.54	395.54
16.8000	395.54	395.54	395.54	395.53	395.53
17.0500	395.53	395.53	395.53	395.53	395.52
17.3000	395.52	395.52	395.52	395.52	395.52
17.5500	395.52	395.51	395.51	395.51	395.51
17.8000	395.51	395.51	395.51	395.50	395.50
18.0500	395.50	395.50	395.50	395.50	395.50
18.3000	395.50	395.49	395.49	395.49	395.49
18.5500	395.49	395.49	395.49	395.48	395.48
18.8000	395.48	395.48	395.48	395.48	395.48
19.0500	395.48	395.48	395.47	395.47	395.47
19.3000	395.47	395.47	395.47	395.47	395.47
19.5500	395.47	395.47	395.46	395.46	395.46
19.8000	395.46	395.46	395.46	395.46	395.46
20.0500	395.46	395.46	395.46	395.46	395.46
20.3000	395.45	395.45	395.45	395.45	395.45
20.5500	395.45	395.45	395.45	395.45	395.45
20.8000	395.45	395.45	395.45	395.45	395.45
21.0500	395.44	395.44	395.44	395.44	395.44
21.3000	395.44	395.44	395.44	395.44	395.44
21.5500	395.44	395.44	395.44	395.44	395.44
21.8000	395.44	395.44	395.43	395.43	395.43
22.0500	395.43	395.43	395.43	395.43	395.43
22.3000	395.43	395.43	395.43	395.43	395.43
22.5500	395.43	395.43	395.43	395.43	395.43
22.8000	395.43	395.43	395.42	395.42	395.42

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
23.0500	395.42	395.42	395.42	395.42	395.42
23.3000	395.42	395.42	395.42	395.42	395.42
23.5500	395.42	395.42	395.42	395.42	395.42
23.8000	395.42	395.42	395.42	395.42	395.41
24.0500	395.41	395.41	395.41	395.41	395.41
24.3000	395.41	395.41	395.41	395.41	395.41
24.5500	395.41	395.40	395.40	395.40	395.40
24.8000	395.40	395.40	395.40	395.39	395.39
25.0500	395.39	395.39	395.39	395.39	395.39
25.3000	395.38	395.38	395.38	395.38	395.38
25.5500	395.38	395.37	395.37	395.37	395.37
25.8000	395.37	395.37	395.37	395.37	395.36
26.0500	395.36	395.36	395.36	395.36	395.36
26.3000	395.36	395.36	395.35	395.35	395.35
26.5500	395.35	395.35	395.35	395.35	395.35
26.8000	395.35	395.34	395.34	395.34	395.34
27.0500	395.34	395.34	395.34	395.34	395.34
27.3000	395.34	395.34	395.33	395.33	395.33
27.5500	395.33	395.33	395.33	395.33	395.33
27.8000	395.33	395.33	395.33	395.33	395.32
28.0500	395.32	395.32	395.32	395.32	395.32
28.3000	395.32	395.32	395.32	395.32	395.32
28.5500	395.32	395.32	395.32	395.32	395.32
28.8000	395.32	395.31	395.31	395.31	395.31
29.0500	395.31	395.31	395.31	395.31	395.31
29.3000	395.31	395.31	395.31	395.31	395.31
29.5500	395.31	395.31	395.31	395.31	395.31
29.8000	395.31	395.31	395.31	395.30	395.30
30.0500	395.30	395.30	395.30	395.30	395.30
30.3000	395.30	395.30	395.30	395.30	395.30
30.5500	395.30	395.30	395.30	395.30	395.30
30.8000	395.30	395.30	395.30	395.30	395.30
31.0500	395.30	395.30	395.30	395.30	395.30
31.3000	395.30	395.30	395.30	395.30	395.30
31.5500	395.30	395.29	395.29	395.29	395.29
31.8000	395.29	395.29	395.29	395.29	395.29
32.0500	395.29	395.29	395.29	395.29	395.29
32.3000	395.29	395.29	395.29	395.29	395.29
32.5500	395.29	395.29	395.29	395.29	395.29
32.8000	395.29	395.29	395.29	395.29	395.29
33.0500	395.29	395.29	395.29	395.29	395.29
33.3000	395.29	395.29	395.29	395.29	395.29
33.5500	395.29	395.29	395.29	395.28	395.28
33.8000	395.28	395.28	395.28	395.28	395.28

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
34.0500	395.28	395.28	395.28	395.28	395.28
34.3000	395.28	395.28	395.28	395.28	395.28
34.5500	395.28	395.28	395.28	395.28	395.28
34.8000	395.28	395.28	395.28	395.28	395.28
35.0500	395.28	395.28	395.28	395.28	395.28
35.3000	395.28	395.28	395.28	395.28	395.28
35.5500	395.28	395.28	395.28	395.28	395.28
35.8000	395.28	395.28	395.28	395.28	395.28
36.0500	395.28	395.28	395.28	395.28	395.28
36.3000	395.28	395.28	395.28	395.28	395.27
36.5500	395.27	395.27	395.27	395.27	395.27
36.8000	395.27	395.27	395.27	395.27	395.27
37.0500	395.27	395.27	395.27	395.27	395.27
37.3000	395.27	395.27	395.27	395.27	395.27
37.5500	395.27	395.27	395.27	395.27	395.27
37.8000	395.27	395.27	395.27	395.27	395.27
38.0500	395.27	395.27	395.27	395.27	395.27
38.3000	395.27	395.27	395.27	395.27	395.27
38.5500	395.27	395.27	395.27	395.27	395.27
38.8000	395.27	395.27	395.27	395.27	395.27
39.0500	395.27	395.27	395.27	395.27	395.27
39.3000	395.27	395.27	395.27	395.27	395.27
39.5500	395.27	395.27	395.27	395.27	395.27
39.8000	395.27	395.27	395.27	395.27	395.27
40.0500	395.27	395.27	395.27	395.27	395.27
40.3000	395.27	395.27	395.27	395.27	395.27
40.5500	395.27	395.27	395.27	395.27	395.27
40.8000	395.26				

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
12.0500	395.25	395.25	395.26	395.29	395.34
12.3000	395.40	395.47	395.53	395.60	395.65
12.5500	395.70	395.74	395.77	395.80	395.82
12.8000	395.83	395.84	395.85	395.86	395.86
13.0500	395.86	395.86	395.86	395.85	395.85
13.3000	395.85	395.84	395.84	395.83	395.82
13.5500	395.82	395.81	395.81	395.80	395.79
13.8000	395.79	395.78	395.78	395.77	395.77
14.0500	395.76	395.75	395.75	395.74	395.74
14.3000	395.73	395.73	395.72	395.72	395.71
14.5500	395.71	395.71	395.70	395.70	395.69
14.8000	395.69	395.69	395.68	395.68	395.67
15.0500	395.67	395.67	395.66	395.66	395.66
15.3000	395.65	395.65	395.65	395.64	395.64
15.5500	395.64	395.63	395.63	395.63	395.63
15.8000	395.62	395.62	395.62	395.61	395.61
16.0500	395.61	395.61	395.60	395.60	395.60
16.3000	395.59	395.59	395.59	395.59	395.58
16.5500	395.58	395.58	395.58	395.57	395.57
16.8000	395.57	395.57	395.57	395.56	395.56
17.0500	395.56	395.56	395.56	395.55	395.55
17.3000	395.55	395.55	395.55	395.54	395.54
17.5500	395.54	395.54	395.54	395.54	395.53
17.8000	395.53	395.53	395.53	395.53	395.53
18.0500	395.53	395.52	395.52	395.52	395.52
18.3000	395.52	395.52	395.52	395.51	395.51
18.5500	395.51	395.51	395.51	395.51	395.51
18.8000	395.50	395.50	395.50	395.50	395.50
19.0500	395.50	395.50	395.50	395.50	395.49
19.3000	395.49	395.49	395.49	395.49	395.49
19.5500	395.49	395.49	395.49	395.49	395.48
19.8000	395.48	395.48	395.48	395.48	395.48
20.0500	395.48	395.48	395.48	395.48	395.48
20.3000	395.47	395.47	395.47	395.47	395.47
20.5500	395.47	395.47	395.47	395.47	395.47
20.8000	395.47	395.47	395.47	395.47	395.46
21.0500	395.46	395.46	395.46	395.46	395.46
21.3000	395.46	395.46	395.46	395.46	395.46
21.5500	395.46	395.46	395.46	395.46	395.46
21.8000	395.46	395.45	395.45	395.45	395.45
22.0500	395.45	395.45	395.45	395.45	395.45
22.3000	395.45	395.45	395.45	395.45	395.45
22.5500	395.45	395.45	395.45	395.45	395.45

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
22.8000	395.45	395.44	395.44	395.44	395.44
23.0500	395.44	395.44	395.44	395.44	395.44
23.3000	395.44	395.44	395.44	395.44	395.44
23.5500	395.44	395.44	395.44	395.44	395.44
23.8000	395.44	395.43	395.43	395.43	395.43
24.0500	395.43	395.43	395.43	395.43	395.43
24.3000	395.43	395.43	395.43	395.42	395.42
24.5500	395.42	395.42	395.42	395.42	395.42
24.8000	395.41	395.41	395.41	395.41	395.41
25.0500	395.40	395.40	395.40	395.40	395.40
25.3000	395.40	395.39	395.39	395.39	395.39
25.5500	395.39	395.39	395.38	395.38	395.38
25.8000	395.38	395.38	395.38	395.38	395.37
26.0500	395.37	395.37	395.37	395.37	395.37
26.3000	395.37	395.36	395.36	395.36	395.36
26.5500	395.36	395.36	395.36	395.36	395.35
26.8000	395.35	395.35	395.35	395.35	395.35
27.0500	395.35	395.35	395.35	395.34	395.34
27.3000	395.34	395.34	395.34	395.34	395.34
27.5500	395.34	395.34	395.34	395.33	395.33
27.8000	395.33	395.33	395.33	395.33	395.33
28.0500	395.33	395.33	395.33	395.33	395.33
28.3000	395.33	395.32	395.32	395.32	395.32
28.5500	395.32	395.32	395.32	395.32	395.32
28.8000	395.32	395.32	395.32	395.32	395.32
29.0500	395.32	395.32	395.31	395.31	395.31
29.3000	395.31	395.31	395.31	395.31	395.31
29.5500	395.31	395.31	395.31	395.31	395.31
29.8000	395.31	395.31	395.31	395.31	395.31
30.0500	395.31	395.31	395.31	395.31	395.30
30.3000	395.30	395.30	395.30	395.30	395.30
30.5500	395.30	395.30	395.30	395.30	395.30
30.8000	395.30	395.30	395.30	395.30	395.30
31.0500	395.30	395.30	395.30	395.30	395.30
31.3000	395.30	395.30	395.30	395.30	395.30
31.5500	395.30	395.30	395.30	395.30	395.30
31.8000	395.30	395.30	395.29	395.29	395.29
32.0500	395.29	395.29	395.29	395.29	395.29
32.3000	395.29	395.29	395.29	395.29	395.29
32.5500	395.29	395.29	395.29	395.29	395.29
32.8000	395.29	395.29	395.29	395.29	395.29
33.0500	395.29	395.29	395.29	395.29	395.29
33.3000	395.29	395.29	395.29	395.29	395.29
33.5500	395.29	395.29	395.29	395.29	395.29

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
33.8000	395.29	395.29	395.29	395.29	395.28
34.0500	395.28	395.28	395.28	395.28	395.28
34.3000	395.28	395.28	395.28	395.28	395.28
34.5500	395.28	395.28	395.28	395.28	395.28
34.8000	395.28	395.28	395.28	395.28	395.28
35.0500	395.28	395.28	395.28	395.28	395.28
35.3000	395.28	395.28	395.28	395.28	395.28
35.5500	395.28	395.28	395.28	395.28	395.28
35.8000	395.28	395.28	395.28	395.28	395.28
36.0500	395.28	395.28	395.28	395.28	395.28
36.3000	395.28	395.28	395.28	395.28	395.28
36.5500	395.28	395.28	395.28	395.28	395.28
36.8000	395.28	395.27	395.27	395.27	395.27
37.0500	395.27	395.27	395.27	395.27	395.27
37.3000	395.27	395.27	395.27	395.27	395.27
37.5500	395.27	395.27	395.27	395.27	395.27
37.8000	395.27	395.27	395.27	395.27	395.27
38.0500	395.27	395.27	395.27	395.27	395.27
38.3000	395.27	395.27	395.27	395.27	395.27
38.5500	395.27	395.27	395.27	395.27	395.27
38.8000	395.27	395.27	395.27	395.27	395.27
39.0500	395.27	395.27	395.27	395.27	395.27
39.3000	395.27	395.27	395.27	395.27	395.27
39.5500	395.27	395.27	395.27	395.27	395.27
39.8000	395.27	395.27	395.27	395.27	395.27
40.0500	395.27	395.27	395.27	395.27	395.27
40.3000	395.27	395.27	395.27	395.27	395.27
40.5500	395.27	395.27	395.27	395.27	395.27
40.8000	395.27	395.27	395.27	395.27	395.27
41.0500	395.27	395.27	395.26		

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11.7500	395.25	395.25	395.26	395.28	395.33
12.0000	395.42	395.55	395.71	395.88	396.03
12.2500	396.16	396.28	396.37	396.44	396.50
12.5000	396.53	396.54	396.54	396.53	396.51
12.7500	396.49	396.46	396.43	396.40	396.36
13.0000	396.33	396.30	396.27	396.24	396.22
13.2500	396.19	396.16	396.14	396.12	396.10
13.5000	396.08	396.06	396.04	396.02	396.01
13.7500	395.99	395.98	395.96	395.95	395.94
14.0000	395.93	395.92	395.91	395.89	395.88
14.2500	395.88	395.87	395.86	395.85	395.84
14.5000	395.83	395.83	395.82	395.81	395.81
14.7500	395.80	395.79	395.79	395.78	395.78
15.0000	395.77	395.77	395.76	395.76	395.75
15.2500	395.75	395.74	395.74	395.74	395.73
15.5000	395.73	395.72	395.72	395.72	395.71
15.7500	395.71	395.71	395.70	395.70	395.70
16.0000	395.69	395.69	395.68	395.68	395.68
16.2500	395.67	395.67	395.67	395.66	395.66
16.5000	395.66	395.65	395.65	395.65	395.65
16.7500	395.64	395.64	395.64	395.63	395.63
17.0000	395.63	395.63	395.62	395.62	395.62
17.2500	395.62	395.61	395.61	395.61	395.61
17.5000	395.60	395.60	395.60	395.60	395.60
17.7500	395.59	395.59	395.59	395.59	395.59
18.0000	395.58	395.58	395.58	395.58	395.57
18.2500	395.57	395.57	395.57	395.57	395.56
18.5000	395.56	395.56	395.56	395.56	395.56
18.7500	395.55	395.55	395.55	395.55	395.55
19.0000	395.55	395.55	395.55	395.54	395.54
19.2500	395.54	395.54	395.54	395.54	395.54
19.5000	395.54	395.53	395.53	395.53	395.53
19.7500	395.53	395.53	395.53	395.53	395.53
20.0000	395.53	395.53	395.52	395.52	395.52
20.2500	395.52	395.52	395.52	395.52	395.52
20.5000	395.52	395.52	395.52	395.52	395.52
20.7500	395.51	395.51	395.51	395.51	395.51
21.0000	395.51	395.51	395.51	395.51	395.51
21.2500	395.51	395.51	395.51	395.51	395.50
21.5000	395.50	395.50	395.50	395.50	395.50
21.7500	395.50	395.50	395.50	395.50	395.50
22.0000	395.50	395.50	395.50	395.50	395.50
22.2500	395.50	395.49	395.49	395.49	395.49

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
22.5000	395.49	395.49	395.49	395.49	395.49
22.7500	395.49	395.49	395.49	395.49	395.49
23.0000	395.49	395.49	395.48	395.48	395.48
23.2500	395.48	395.48	395.48	395.48	395.48
23.5000	395.48	395.48	395.48	395.48	395.48
23.7500	395.48	395.48	395.48	395.48	395.47
24.0000	395.47	395.47	395.47	395.47	395.47
24.2500	395.47	395.47	395.47	395.46	395.46
24.5000	395.46	395.46	395.46	395.45	395.45
24.7500	395.45	395.45	395.45	395.44	395.44
25.0000	395.44	395.44	395.43	395.43	395.43
25.2500	395.43	395.42	395.42	395.42	395.42
25.5000	395.42	395.41	395.41	395.41	395.41
25.7500	395.40	395.40	395.40	395.40	395.40
26.0000	395.40	395.39	395.39	395.39	395.39
26.2500	395.39	395.38	395.38	395.38	395.38
26.5000	395.38	395.38	395.37	395.37	395.37
26.7500	395.37	395.37	395.37	395.36	395.36
27.0000	395.36	395.36	395.36	395.36	395.36
27.2500	395.36	395.35	395.35	395.35	395.35
27.5000	395.35	395.35	395.35	395.35	395.35
27.7500	395.34	395.34	395.34	395.34	395.34
28.0000	395.34	395.34	395.34	395.34	395.34
28.2500	395.34	395.33	395.33	395.33	395.33
28.5000	395.33	395.33	395.33	395.33	395.33
28.7500	395.33	395.33	395.33	395.32	395.32
29.0000	395.32	395.32	395.32	395.32	395.32
29.2500	395.32	395.32	395.32	395.32	395.32
29.5000	395.32	395.32	395.32	395.32	395.32
29.7500	395.31	395.31	395.31	395.31	395.31
30.0000	395.31	395.31	395.31	395.31	395.31
30.2500	395.31	395.31	395.31	395.31	395.31
30.5000	395.31	395.31	395.31	395.31	395.31
30.7500	395.31	395.31	395.30	395.30	395.30
31.0000	395.30	395.30	395.30	395.30	395.30
31.2500	395.30	395.30	395.30	395.30	395.30
31.5000	395.30	395.30	395.30	395.30	395.30
31.7500	395.30	395.30	395.30	395.30	395.30
32.0000	395.30	395.30	395.30	395.30	395.30
32.2500	395.30	395.30	395.30	395.30	395.30
32.5000	395.29	395.29	395.29	395.29	395.29
32.7500	395.29	395.29	395.29	395.29	395.29
33.0000	395.29	395.29	395.29	395.29	395.29
33.2500	395.29	395.29	395.29	395.29	395.29

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
33.5000	395.29	395.29	395.29	395.29	395.29
33.7500	395.29	395.29	395.29	395.29	395.29
34.0000	395.29	395.29	395.29	395.29	395.29
34.2500	395.29	395.29	395.29	395.29	395.29
34.5000	395.29	395.29	395.28	395.28	395.28
34.7500	395.28	395.28	395.28	395.28	395.28
35.0000	395.28	395.28	395.28	395.28	395.28
35.2500	395.28	395.28	395.28	395.28	395.28
35.5000	395.28	395.28	395.28	395.28	395.28
35.7500	395.28	395.28	395.28	395.28	395.28
36.0000	395.28	395.28	395.28	395.28	395.28
36.2500	395.28	395.28	395.28	395.28	395.28
36.5000	395.28	395.28	395.28	395.28	395.28
36.7500	395.28	395.28	395.28	395.28	395.28
37.0000	395.28	395.28	395.28	395.28	395.28
37.2500	395.28	395.28	395.28	395.27	395.27
37.5000	395.27	395.27	395.27	395.27	395.27
37.7500	395.27	395.27	395.27	395.27	395.27
38.0000	395.27	395.27	395.27	395.27	395.27
38.2500	395.27	395.27	395.27	395.27	395.27
38.5000	395.27	395.27	395.27	395.27	395.27
38.7500	395.27	395.27	395.27	395.27	395.27
39.0000	395.27	395.27	395.27	395.27	395.27
39.2500	395.27	395.27	395.27	395.27	395.27
39.5000	395.27	395.27	395.27	395.27	395.27
39.7500	395.27	395.27	395.27	395.27	395.27
40.0000	395.27	395.27	395.27	395.27	395.27
40.2500	395.27	395.27	395.27	395.27	395.27
40.5000	395.27	395.27	395.27	395.27	395.27
40.7500	395.27	395.27	395.27	395.27	395.27
41.0000	395.27	395.27	395.27	395.27	395.27
41.2500	395.27	395.27	395.27	395.27	395.27
41.5000	395.27	395.27	395.27	395.27	395.26

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11.3000	395.25	395.25	395.25	395.26	395.26
11.5500	395.28	395.30	395.33	395.37	395.43
11.8000	395.50	395.59	395.69	395.80	395.93
12.0500	396.08	396.22	396.35	396.47	396.58
12.3000	396.67	396.75	396.81	396.86	396.90
12.5500	396.92	396.93	396.93	396.90	396.87
12.8000	396.82	396.78	396.72	396.67	396.62
13.0500	396.57	396.52	396.48	396.44	396.39
13.3000	396.36	396.32	396.29	396.26	396.23
13.5500	396.20	396.17	396.15	396.13	396.11
13.8000	396.09	396.07	396.05	396.04	396.02
14.0500	396.01	395.99	395.98	395.97	395.96
14.3000	395.95	395.94	395.93	395.92	395.91
14.5500	395.90	395.89	395.88	395.88	395.87
14.8000	395.86	395.86	395.85	395.84	395.84
15.0500	395.83	395.83	395.82	395.81	395.81
15.3000	395.80	395.80	395.79	395.79	395.79
15.5500	395.78	395.78	395.77	395.77	395.76
15.8000	395.76	395.76	395.75	395.75	395.74
16.0500	395.74	395.74	395.73	395.73	395.72
16.3000	395.72	395.72	395.71	395.71	395.71
16.5500	395.70	395.70	395.70	395.69	395.69
16.8000	395.69	395.68	395.68	395.68	395.67
17.0500	395.67	395.67	395.67	395.66	395.66
17.3000	395.66	395.66	395.65	395.65	395.65
17.5500	395.65	395.64	395.64	395.64	395.64
17.8000	395.63	395.63	395.63	395.63	395.62
18.0500	395.62	395.62	395.62	395.61	395.61
18.3000	395.61	395.61	395.61	395.60	395.60
18.5500	395.60	395.60	395.60	395.59	395.59
18.8000	395.59	395.59	395.59	395.58	395.58
19.0500	395.58	395.58	395.58	395.58	395.58
19.3000	395.57	395.57	395.57	395.57	395.57
19.5500	395.57	395.57	395.57	395.56	395.56
19.8000	395.56	395.56	395.56	395.56	395.56
20.0500	395.56	395.56	395.55	395.55	395.55
20.3000	395.55	395.55	395.55	395.55	395.55
20.5500	395.55	395.55	395.55	395.55	395.54
20.8000	395.54	395.54	395.54	395.54	395.54
21.0500	395.54	395.54	395.54	395.54	395.54
21.3000	395.54	395.53	395.53	395.53	395.53
21.5500	395.53	395.53	395.53	395.53	395.53
21.8000	395.53	395.53	395.53	395.53	395.53

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
22.0500	395.53	395.53	395.52	395.52	395.52
22.3000	395.52	395.52	395.52	395.52	395.52
22.5500	395.52	395.52	395.52	395.52	395.52
22.8000	395.52	395.52	395.52	395.51	395.51
23.0500	395.51	395.51	395.51	395.51	395.51
23.3000	395.51	395.51	395.51	395.51	395.51
23.5500	395.51	395.51	395.51	395.51	395.50
23.8000	395.50	395.50	395.50	395.50	395.50
24.0500	395.50	395.50	395.50	395.50	395.50
24.3000	395.49	395.49	395.49	395.49	395.49
24.5500	395.48	395.48	395.48	395.48	395.47
24.8000	395.47	395.47	395.46	395.46	395.46
25.0500	395.46	395.45	395.45	395.45	395.45
25.3000	395.44	395.44	395.44	395.43	395.43
25.5500	395.43	395.43	395.42	395.42	395.42
25.8000	395.42	395.41	395.41	395.41	395.41
26.0500	395.41	395.40	395.40	395.40	395.40
26.3000	395.40	395.39	395.39	395.39	395.39
26.5500	395.39	395.38	395.38	395.38	395.38
26.8000	395.38	395.38	395.37	395.37	395.37
27.0500	395.37	395.37	395.37	395.37	395.36
27.3000	395.36	395.36	395.36	395.36	395.36
27.5500	395.36	395.35	395.35	395.35	395.35
27.8000	395.35	395.35	395.35	395.35	395.35
28.0500	395.34	395.34	395.34	395.34	395.34
28.3000	395.34	395.34	395.34	395.34	395.34
28.5500	395.34	395.33	395.33	395.33	395.33
28.8000	395.33	395.33	395.33	395.33	395.33
29.0500	395.33	395.33	395.33	395.32	395.32
29.3000	395.32	395.32	395.32	395.32	395.32
29.5500	395.32	395.32	395.32	395.32	395.32
29.8000	395.32	395.32	395.32	395.32	395.32
30.0500	395.31	395.31	395.31	395.31	395.31
30.3000	395.31	395.31	395.31	395.31	395.31
30.5500	395.31	395.31	395.31	395.31	395.31
30.8000	395.31	395.31	395.31	395.31	395.31
31.0500	395.31	395.31	395.30	395.30	395.30
31.3000	395.30	395.30	395.30	395.30	395.30
31.5500	395.30	395.30	395.30	395.30	395.30
31.8000	395.30	395.30	395.30	395.30	395.30
32.0500	395.30	395.30	395.30	395.30	395.30
32.3000	395.30	395.30	395.30	395.30	395.30
32.5500	395.30	395.30	395.30	395.30	395.30
32.8000	395.29	395.29	395.29	395.29	395.29

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
33.0500	395.29	395.29	395.29	395.29	395.29
33.3000	395.29	395.29	395.29	395.29	395.29
33.5500	395.29	395.29	395.29	395.29	395.29
33.8000	395.29	395.29	395.29	395.29	395.29
34.0500	395.29	395.29	395.29	395.29	395.29
34.3000	395.29	395.29	395.29	395.29	395.29
34.5500	395.29	395.29	395.29	395.29	395.29
34.8000	395.29	395.29	395.28	395.28	395.28
35.0500	395.28	395.28	395.28	395.28	395.28
35.3000	395.28	395.28	395.28	395.28	395.28
35.5500	395.28	395.28	395.28	395.28	395.28
35.8000	395.28	395.28	395.28	395.28	395.28
36.0500	395.28	395.28	395.28	395.28	395.28
36.3000	395.28	395.28	395.28	395.28	395.28
36.5500	395.28	395.28	395.28	395.28	395.28
36.8000	395.28	395.28	395.28	395.28	395.28
37.0500	395.28	395.28	395.28	395.28	395.28
37.3000	395.28	395.28	395.28	395.28	395.28
37.5500	395.28	395.28	395.28	395.27	395.27
37.8000	395.27	395.27	395.27	395.27	395.27
38.0500	395.27	395.27	395.27	395.27	395.27
38.3000	395.27	395.27	395.27	395.27	395.27
38.5500	395.27	395.27	395.27	395.27	395.27
38.8000	395.27	395.27	395.27	395.27	395.27
39.0500	395.27	395.27	395.27	395.27	395.27
39.3000	395.27	395.27	395.27	395.27	395.27
39.5500	395.27	395.27	395.27	395.27	395.27
39.8000	395.27	395.27	395.27	395.27	395.27
40.0500	395.27	395.27	395.27	395.27	395.27
40.3000	395.27	395.27	395.27	395.27	395.27
40.5500	395.27	395.27	395.27	395.27	395.27
40.8000	395.27	395.27	395.27	395.27	395.27
41.0500	395.27	395.27	395.27	395.27	395.27
41.3000	395.27	395.27	395.27	395.27	395.27
41.5500	395.27	395.27	395.27	395.27	395.27
41.8000	395.27	395.27	395.27	395.27	395.26

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
10.7000	395.25	395.25	395.25	395.25	395.26
10.9500	395.26	395.27	395.29	395.31	395.33
11.2000	395.36	395.39	395.42	395.46	395.50
11.4500	395.54	395.58	395.62	395.67	395.72
11.7000	395.77	395.83	395.91	395.99	396.08
11.9500	396.18	396.29	396.41	396.52	396.64
12.2000	396.74	396.84	396.92	396.98	397.04
12.4500	397.08	397.12	397.14	397.16	397.16
12.7000	397.15	397.14	397.11	397.06	397.01
12.9500	396.95	396.89	396.83	396.76	396.70
13.2000	396.65	396.59	396.54	396.49	396.45
13.4500	396.41	396.37	396.33	396.30	396.27
13.7000	396.24	396.21	396.19	396.17	396.15
13.9500	396.13	396.11	396.09	396.07	396.06
14.2000	396.04	396.03	396.02	396.00	395.99
14.4500	395.98	395.97	395.96	395.95	395.94
14.7000	395.93	395.93	395.92	395.91	395.90
14.9500	395.90	395.89	395.89	395.88	395.87
15.2000	395.87	395.86	395.86	395.85	395.85
15.4500	395.84	395.84	395.83	395.82	395.82
15.7000	395.82	395.81	395.81	395.80	395.80
15.9500	395.79	395.79	395.78	395.78	395.77
16.2000	395.77	395.76	395.76	395.76	395.75
16.4500	395.75	395.74	395.74	395.74	395.73
16.7000	395.73	395.73	395.72	395.72	395.72
16.9500	395.71	395.71	395.71	395.71	395.70
17.2000	395.70	395.70	395.69	395.69	395.69
17.4500	395.69	395.68	395.68	395.68	395.67
17.7000	395.67	395.67	395.67	395.66	395.66
17.9500	395.66	395.66	395.65	395.65	395.65
18.2000	395.65	395.64	395.64	395.64	395.64
18.4500	395.64	395.63	395.63	395.63	395.63
18.7000	395.62	395.62	395.62	395.62	395.62
18.9500	395.62	395.61	395.61	395.61	395.61
19.2000	395.61	395.61	395.60	395.60	395.60
19.4500	395.60	395.60	395.60	395.60	395.59
19.7000	395.59	395.59	395.59	395.59	395.59
19.9500	395.59	395.59	395.58	395.58	395.58
20.2000	395.58	395.58	395.58	395.58	395.58
20.4500	395.58	395.58	395.57	395.57	395.57
20.7000	395.57	395.57	395.57	395.57	395.57
20.9500	395.57	395.57	395.57	395.56	395.56
21.2000	395.56	395.56	395.56	395.56	395.56

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
21.4500	395.56	395.56	395.56	395.56	395.56
21.7000	395.56	395.55	395.55	395.55	395.55
21.9500	395.55	395.55	395.55	395.55	395.55
22.2000	395.55	395.55	395.55	395.55	395.55
22.4500	395.54	395.54	395.54	395.54	395.54
22.7000	395.54	395.54	395.54	395.54	395.54
22.9500	395.54	395.54	395.54	395.53	395.53
23.2000	395.53	395.53	395.53	395.53	395.53
23.4500	395.53	395.53	395.53	395.53	395.53
23.7000	395.53	395.53	395.53	395.52	395.52
23.9500	395.52	395.52	395.52	395.52	395.52
24.2000	395.52	395.52	395.52	395.51	395.51
24.4500	395.51	395.51	395.50	395.50	395.50
24.7000	395.49	395.49	395.49	395.48	395.48
24.9500	395.48	395.47	395.47	395.47	395.47
25.2000	395.46	395.46	395.46	395.45	395.45
25.4500	395.45	395.44	395.44	395.44	395.44
25.7000	395.43	395.43	395.43	395.43	395.42
25.9500	395.42	395.42	395.42	395.41	395.41
26.2000	395.41	395.41	395.40	395.40	395.40
26.4500	395.40	395.40	395.39	395.39	395.39
26.7000	395.39	395.39	395.38	395.38	395.38
26.9500	395.38	395.38	395.38	395.37	395.37
27.2000	395.37	395.37	395.37	395.37	395.37
27.4500	395.36	395.36	395.36	395.36	395.36
27.7000	395.36	395.36	395.35	395.35	395.35
27.9500	395.35	395.35	395.35	395.35	395.35
28.2000	395.35	395.34	395.34	395.34	395.34
28.4500	395.34	395.34	395.34	395.34	395.34
28.7000	395.34	395.34	395.33	395.33	395.33
28.9500	395.33	395.33	395.33	395.33	395.33
29.2000	395.33	395.33	395.33	395.33	395.32
29.4500	395.32	395.32	395.32	395.32	395.32
29.7000	395.32	395.32	395.32	395.32	395.32
29.9500	395.32	395.32	395.32	395.32	395.32
30.2000	395.32	395.31	395.31	395.31	395.31
30.4500	395.31	395.31	395.31	395.31	395.31
30.7000	395.31	395.31	395.31	395.31	395.31
30.9500	395.31	395.31	395.31	395.31	395.31
31.2000	395.31	395.31	395.31	395.30	395.30
31.4500	395.30	395.30	395.30	395.30	395.30
31.7000	395.30	395.30	395.30	395.30	395.30
31.9500	395.30	395.30	395.30	395.30	395.30
32.2000	395.30	395.30	395.30	395.30	395.30

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
32.4500	395.30	395.30	395.30	395.30	395.30
32.7000	395.30	395.30	395.30	395.30	395.30
32.9500	395.30	395.29	395.29	395.29	395.29
33.2000	395.29	395.29	395.29	395.29	395.29
33.4500	395.29	395.29	395.29	395.29	395.29
33.7000	395.29	395.29	395.29	395.29	395.29
33.9500	395.29	395.29	395.29	395.29	395.29
34.2000	395.29	395.29	395.29	395.29	395.29
34.4500	395.29	395.29	395.29	395.29	395.29
34.7000	395.29	395.29	395.29	395.29	395.29
34.9500	395.29	395.29	395.29	395.28	395.28
35.2000	395.28	395.28	395.28	395.28	395.28
35.4500	395.28	395.28	395.28	395.28	395.28
35.7000	395.28	395.28	395.28	395.28	395.28
35.9500	395.28	395.28	395.28	395.28	395.28
36.2000	395.28	395.28	395.28	395.28	395.28
36.4500	395.28	395.28	395.28	395.28	395.28
36.7000	395.28	395.28	395.28	395.28	395.28
36.9500	395.28	395.28	395.28	395.28	395.28
37.2000	395.28	395.28	395.28	395.28	395.28
37.4500	395.28	395.28	395.28	395.28	395.28
37.7000	395.28	395.28	395.28	395.28	395.27
37.9500	395.27	395.27	395.27	395.27	395.27
38.2000	395.27	395.27	395.27	395.27	395.27
38.4500	395.27	395.27	395.27	395.27	395.27
38.7000	395.27	395.27	395.27	395.27	395.27
38.9500	395.27	395.27	395.27	395.27	395.27
39.2000	395.27	395.27	395.27	395.27	395.27
39.4500	395.27	395.27	395.27	395.27	395.27
39.7000	395.27	395.27	395.27	395.27	395.27
39.9500	395.27	395.27	395.27	395.27	395.27
40.2000	395.27	395.27	395.27	395.27	395.27
40.4500	395.27	395.27	395.27	395.27	395.27
40.7000	395.27	395.27	395.27	395.27	395.27
40.9500	395.27	395.27	395.27	395.27	395.27
41.2000	395.27	395.27	395.27	395.27	395.27
41.4500	395.27	395.27	395.27	395.27	395.27
41.7000	395.27	395.27	395.27	395.27	395.27
41.9500	395.27	395.27	395.27	395.27	395.27
42.2000	395.26				

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
10.0500	395.25	395.25	395.25	395.25	395.26
10.3000	395.26	395.27	395.29	395.30	395.32
10.5500	395.35	395.37	395.40	395.44	395.47
10.8000	395.50	395.54	395.57	395.60	395.63
11.0500	395.67	395.70	395.73	395.76	395.79
11.3000	395.81	395.84	395.87	395.90	395.93
11.5500	395.96	395.99	396.02	396.06	396.12
11.8000	396.18	396.26	396.34	396.44	396.53
12.0500	396.63	396.74	396.84	396.94	397.03
12.3000	397.11	397.18	397.24	397.29	397.33
12.5500	397.36	397.38	397.39	397.39	397.38
12.8000	397.37	397.35	397.32	397.27	397.22
13.0500	397.16	397.09	397.02	396.95	396.87
13.3000	396.81	396.74	396.68	396.62	396.57
13.5500	396.52	396.47	396.43	396.39	396.36
13.8000	396.32	396.29	396.27	396.24	396.22
14.0500	396.19	396.17	396.15	396.13	396.12
14.3000	396.10	396.09	396.07	396.06	396.05
14.5500	396.03	396.02	396.01	396.00	395.99
14.8000	395.98	395.98	395.97	395.96	395.95
15.0500	395.95	395.94	395.93	395.93	395.92
15.3000	395.91	395.91	395.90	395.90	395.89
15.5500	395.88	395.88	395.87	395.87	395.86
15.8000	395.86	395.85	395.85	395.84	395.84
16.0500	395.83	395.83	395.82	395.82	395.81
16.3000	395.81	395.80	395.80	395.79	395.79
16.5500	395.79	395.78	395.78	395.77	395.77
16.8000	395.77	395.76	395.76	395.75	395.75
17.0500	395.75	395.74	395.74	395.74	395.74
17.3000	395.73	395.73	395.73	395.72	395.72
17.5500	395.72	395.72	395.71	395.71	395.71
17.8000	395.70	395.70	395.70	395.70	395.69
18.0500	395.69	395.69	395.69	395.68	395.68
18.3000	395.68	395.68	395.67	395.67	395.67
18.5500	395.67	395.66	395.66	395.66	395.66
18.8000	395.65	395.65	395.65	395.65	395.65
19.0500	395.65	395.64	395.64	395.64	395.64
19.3000	395.64	395.64	395.63	395.63	395.63
19.5500	395.63	395.63	395.63	395.63	395.62
19.8000	395.62	395.62	395.62	395.62	395.62
20.0500	395.62	395.62	395.61	395.61	395.61
20.3000	395.61	395.61	395.61	395.61	395.61
20.5500	395.61	395.60	395.60	395.60	395.60

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
20.8000	395.60	395.60	395.60	395.60	395.60
21.0500	395.60	395.59	395.59	395.59	395.59
21.3000	395.59	395.59	395.59	395.59	395.59
21.5500	395.59	395.59	395.58	395.58	395.58
21.8000	395.58	395.58	395.58	395.58	395.58
22.0500	395.58	395.58	395.58	395.58	395.57
22.3000	395.57	395.57	395.57	395.57	395.57
22.5500	395.57	395.57	395.57	395.57	395.57
22.8000	395.57	395.57	395.56	395.56	395.56
23.0500	395.56	395.56	395.56	395.56	395.56
23.3000	395.56	395.56	395.56	395.56	395.55
23.5500	395.55	395.55	395.55	395.55	395.55
23.8000	395.55	395.55	395.55	395.55	395.55
24.0500	395.55	395.54	395.54	395.54	395.54
24.3000	395.54	395.53	395.53	395.53	395.53
24.5500	395.52	395.52	395.52	395.51	395.51
24.8000	395.51	395.50	395.50	395.49	395.49
25.0500	395.49	395.48	395.48	395.48	395.47
25.3000	395.47	395.47	395.46	395.46	395.46
25.5500	395.45	395.45	395.45	395.44	395.44
25.8000	395.44	395.44	395.43	395.43	395.43
26.0500	395.42	395.42	395.42	395.42	395.41
26.3000	395.41	395.41	395.41	395.41	395.40
26.5500	395.40	395.40	395.40	395.39	395.39
26.8000	395.39	395.39	395.39	395.39	395.38
27.0500	395.38	395.38	395.38	395.38	395.37
27.3000	395.37	395.37	395.37	395.37	395.37
27.5500	395.37	395.36	395.36	395.36	395.36
27.8000	395.36	395.36	395.36	395.35	395.35
28.0500	395.35	395.35	395.35	395.35	395.35
28.3000	395.35	395.35	395.34	395.34	395.34
28.5500	395.34	395.34	395.34	395.34	395.34
28.8000	395.34	395.34	395.34	395.33	395.33
29.0500	395.33	395.33	395.33	395.33	395.33
29.3000	395.33	395.33	395.33	395.33	395.33
29.5500	395.33	395.32	395.32	395.32	395.32
29.8000	395.32	395.32	395.32	395.32	395.32
30.0500	395.32	395.32	395.32	395.32	395.32
30.3000	395.32	395.32	395.31	395.31	395.31
30.5500	395.31	395.31	395.31	395.31	395.31
30.8000	395.31	395.31	395.31	395.31	395.31
31.0500	395.31	395.31	395.31	395.31	395.31
31.3000	395.31	395.31	395.31	395.31	395.30
31.5500	395.30	395.30	395.30	395.30	395.30

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
31.8000	395.30	395.30	395.30	395.30	395.30
32.0500	395.30	395.30	395.30	395.30	395.30
32.3000	395.30	395.30	395.30	395.30	395.30
32.5500	395.30	395.30	395.30	395.30	395.30
32.8000	395.30	395.30	395.30	395.30	395.30
33.0500	395.30	395.30	395.29	395.29	395.29
33.3000	395.29	395.29	395.29	395.29	395.29
33.5500	395.29	395.29	395.29	395.29	395.29
33.8000	395.29	395.29	395.29	395.29	395.29
34.0500	395.29	395.29	395.29	395.29	395.29
34.3000	395.29	395.29	395.29	395.29	395.29
34.5500	395.29	395.29	395.29	395.29	395.29
34.8000	395.29	395.29	395.29	395.29	395.29
35.0500	395.29	395.29	395.29	395.29	395.28
35.3000	395.28	395.28	395.28	395.28	395.28
35.5500	395.28	395.28	395.28	395.28	395.28
35.8000	395.28	395.28	395.28	395.28	395.28
36.0500	395.28	395.28	395.28	395.28	395.28
36.3000	395.28	395.28	395.28	395.28	395.28
36.5500	395.28	395.28	395.28	395.28	395.28
36.8000	395.28	395.28	395.28	395.28	395.28
37.0500	395.28	395.28	395.28	395.28	395.28
37.3000	395.28	395.28	395.28	395.28	395.28
37.5500	395.28	395.28	395.28	395.28	395.28
37.8000	395.28	395.28	395.28	395.28	395.28
38.0500	395.27	395.27	395.27	395.27	395.27
38.3000	395.27	395.27	395.27	395.27	395.27
38.5500	395.27	395.27	395.27	395.27	395.27
38.8000	395.27	395.27	395.27	395.27	395.27
39.0500	395.27	395.27	395.27	395.27	395.27
39.3000	395.27	395.27	395.27	395.27	395.27
39.5500	395.27	395.27	395.27	395.27	395.27
39.8000	395.27	395.27	395.27	395.27	395.27
40.0500	395.27	395.27	395.27	395.27	395.27
40.3000	395.27	395.27	395.27	395.27	395.27
40.5500	395.27	395.27	395.27	395.27	395.27
40.8000	395.27	395.27	395.27	395.27	395.27
41.0500	395.27	395.27	395.27	395.27	395.27
41.3000	395.27	395.27	395.27	395.27	395.27
41.5500	395.27	395.27	395.27	395.27	395.27
41.8000	395.27	395.27	395.27	395.27	395.27
42.0500	395.27	395.27	395.27	395.27	395.27
42.3000	395.27	395.26			

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
2.4000	.000	.000	.000	.000	.000
2.6500	.000	.000	.000	.000	.000
2.9000	.000	.000	.000	.000	.000
3.1500	.000	.000	.000	.000	.000
3.4000	.000	.001	.001	.001	.001
3.6500	.001	.001	.001	.001	.001
3.9000	.001	.001	.001	.001	.001
4.1500	.001	.002	.002	.002	.002
4.4000	.002	.002	.002	.002	.002
4.6500	.002	.002	.003	.003	.003
4.9000	.003	.003	.003	.003	.003
5.1500	.003	.004	.004	.004	.004
5.4000	.004	.004	.004	.005	.005
5.6500	.005	.005	.005	.005	.005
5.9000	.006	.006	.006	.006	.006
6.1500	.006	.007	.007	.007	.007
6.4000	.007	.008	.008	.008	.008
6.6500	.008	.009	.009	.009	.009
6.9000	.010	.010	.010	.010	.011
7.1500	.011	.011	.012	.012	.012
7.4000	.012	.013	.013	.013	.014
7.6500	.014	.014	.015	.015	.015
7.9000	.016	.016	.016	.017	.017
8.1500	.017	.018	.018	.019	.019
8.4000	.020	.020	.020	.021	.021
8.6500	.022	.022	.023	.023	.024
8.9000	.025	.025	.026	.026	.027
9.1500	.027	.028	.029	.029	.030
9.4000	.031	.031	.032	.033	.033
9.6500	.034	.035	.036	.036	.037
9.9000	.038	.039	.040	.040	.041
10.1500	.042	.043	.044	.045	.046
10.4000	.047	.048	.049	.050	.051
10.6500	.052	.053	.054	.056	.057
10.9000	.058	.059	.061	.062	.063
11.1500	.065	.066	.068	.070	.071
11.4000	.073	.075	.077	.080	.082
11.6500	.086	.090	.095	.100	.107
11.9000	.115	.124	.138	.153	.170
12.1500	.185	.197	.205	.213	.220
12.4000	.225	.229	.231	.233	.234
12.6500	.235	.235	.235	.236	.236
12.9000	.235	.235	.235	.235	.235

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
13.1500	.234	.234	.234	.233	.233
13.4000	.233	.233	.232	.232	.232
13.6500	.232	.231	.231	.231	.231
13.9000	.230	.230	.230	.230	.229
14.1500	.229	.229	.229	.229	.228
14.4000	.228	.228	.228	.228	.228
14.6500	.227	.227	.227	.227	.227
14.9000	.227	.227	.226	.226	.226
15.1500	.226	.226	.226	.226	.226
15.4000	.225	.225	.225	.225	.225
15.6500	.225	.225	.225	.224	.224
15.9000	.224	.224	.224	.224	.224
16.1500	.224	.224	.224	.223	.223
16.4000	.223	.223	.223	.223	.223
16.6500	.223	.223	.223	.223	.222
16.9000	.222	.222	.222	.222	.222
17.1500	.222	.222	.222	.222	.222
17.4000	.221	.221	.221	.221	.221
17.6500	.221	.221	.221	.221	.221
17.9000	.221	.221	.220	.220	.220
18.1500	.220	.220	.220	.220	.220
18.4000	.220	.220	.220	.220	.220
18.6500	.219	.219	.219	.219	.219
18.9000	.219	.219	.219	.219	.219
19.1500	.219	.219	.219	.219	.219
19.4000	.219	.219	.219	.219	.219
19.6500	.219	.219	.218	.218	.218
19.9000	.218	.218	.218	.218	.218
20.1500	.218	.218	.218	.218	.218
20.4000	.218	.218	.218	.218	.218
20.6500	.218	.218	.218	.218	.218
20.9000	.218	.218	.218	.218	.218
21.1500	.218	.218	.218	.218	.218
21.4000	.218	.218	.218	.217	.217
21.6500	.217	.217	.217	.217	.217
21.9000	.217	.217	.217	.217	.217
22.1500	.217	.217	.217	.217	.217
22.4000	.217	.217	.217	.217	.217
22.6500	.217	.217	.217	.217	.217
22.9000	.217	.217	.217	.217	.217
23.1500	.217	.217	.217	.217	.217
23.4000	.217	.217	.217	.217	.217
23.6500	.217	.217	.217	.217	.217
23.9000	.217	.216	.216	.216	.216

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
24.1500	.216	.216	.216	.216	.216
24.4000	.215	.215	.215	.215	.215
24.6500	.215	.215	.215	.215	.214
24.9000	.214	.214	.214	.214	.214
25.1500	.214	.214	.214	.214	.214
25.4000	.214	.214	.214	.214	.214
25.6500	.214	.214	.214	.214	.214
25.9000	.213	.213	.213	.213	.213
26.1500	.213	.213	.213	.213	.213
26.4000	.213	.213	.213		

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
1.9500	.000	.000	.000	.000	.000
2.2000	.000	.000	.000	.000	.000
2.4500	.000	.000	.000	.000	.000
2.7000	.000	.000	.000	.000	.001
2.9500	.001	.001	.001	.001	.001
3.2000	.001	.001	.001	.001	.001
3.4500	.001	.001	.002	.002	.002
3.7000	.002	.002	.002	.002	.002
3.9500	.002	.002	.003	.003	.003
4.2000	.003	.003	.003	.003	.004
4.4500	.004	.004	.004	.004	.004
4.7000	.004	.005	.005	.005	.005
4.9500	.005	.005	.006	.006	.006
5.2000	.006	.006	.007	.007	.007
5.4500	.007	.007	.008	.008	.008
5.7000	.008	.008	.009	.009	.009
5.9500	.009	.010	.010	.010	.010
6.2000	.011	.011	.011	.011	.012
6.4500	.012	.012	.013	.013	.013
6.7000	.013	.014	.014	.014	.015
6.9500	.015	.015	.016	.016	.017
7.2000	.017	.017	.018	.018	.019
7.4500	.019	.019	.020	.020	.021
7.7000	.021	.022	.022	.022	.023
7.9500	.023	.024	.024	.025	.025
8.2000	.026	.026	.027	.028	.028
8.4500	.029	.029	.030	.031	.031
8.7000	.032	.033	.033	.034	.035
8.9500	.035	.036	.037	.038	.039
9.2000	.039	.040	.041	.042	.043
9.4500	.044	.044	.045	.046	.047
9.7000	.048	.049	.050	.052	.052
9.9500	.053	.054	.055	.056	.058
10.2000	.059	.060	.061	.062	.064
10.4500	.065	.066	.068	.069	.070
10.7000	.072	.073	.075	.076	.078
10.9500	.080	.081	.083	.085	.086
11.2000	.088	.090	.092	.095	.097
11.4500	.100	.102	.105	.108	.113
11.7000	.118	.124	.131	.139	.147
11.9500	.161	.177	.197	.217	.235
12.2000	.247	.254	.258	.261	.262
12.4500	.262	.261	.260	.258	.255

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
12.7000	.254	.252	.250	.249	.247
12.9500	.246	.245	.244	.243	.242
13.2000	.241	.240	.239	.239	.238
13.4500	.237	.237	.236	.236	.235
13.7000	.235	.235	.234	.234	.234
13.9500	.233	.233	.233	.232	.232
14.2000	.232	.231	.231	.231	.231
14.4500	.231	.230	.230	.230	.230
14.7000	.230	.229	.229	.229	.229
14.9500	.229	.228	.228	.228	.228
15.2000	.228	.228	.228	.227	.227
15.4500	.227	.227	.227	.227	.227
15.7000	.226	.226	.226	.226	.226
15.9500	.226	.226	.225	.225	.225
16.2000	.225	.225	.225	.225	.225
16.4500	.224	.224	.224	.224	.224
16.7000	.224	.224	.224	.224	.224
16.9500	.224	.224	.223	.223	.223
17.2000	.223	.223	.223	.223	.223
17.4500	.223	.223	.223	.223	.223
17.7000	.222	.222	.222	.222	.222
17.9500	.222	.222	.222	.222	.222
18.2000	.222	.221	.221	.221	.221
18.4500	.221	.221	.221	.221	.221
18.7000	.221	.221	.221	.221	.221
18.9500	.220	.220	.220	.220	.220
19.2000	.220	.220	.220	.220	.220
19.4500	.220	.220	.220	.220	.220
19.7000	.220	.220	.220	.220	.220
19.9500	.220	.220	.219	.219	.219
20.2000	.219	.219	.219	.219	.219
20.4500	.219	.219	.219	.219	.219
20.7000	.219	.219	.219	.219	.219
20.9500	.219	.219	.219	.219	.219
21.2000	.219	.219	.219	.219	.219
21.4500	.219	.219	.219	.218	.218
21.7000	.218	.218	.218	.218	.218
21.9500	.218	.218	.218	.218	.218
22.2000	.218	.218	.218	.218	.218
22.4500	.218	.218	.218	.218	.218
22.7000	.218	.218	.218	.218	.218
22.9500	.218	.218	.218	.218	.218
23.2000	.218	.218	.218	.218	.218
23.4500	.218	.218	.217	.217	.217

TIME vs. VOLUME (ac-ft)

Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
23.7000	.217	.217	.217	.217	.217
23.9500	.217	.217	.217	.217	.217
24.2000	.217	.216	.216	.216	.216
24.4500	.216	.216	.215	.215	.215
24.7000	.215	.215	.215	.215	.215
24.9500	.215	.215	.214	.214	.214
25.2000	.214	.214	.214	.214	.214
25.4500	.214	.214	.214	.214	.214
25.7000	.214	.214	.214	.214	.214
25.9500	.214	.214	.213	.213	.213
26.2000	.213	.213	.213	.213	.213
26.4500	.213	.213	.213	.213	.213
26.7000	.213				

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
1.3000	.000	.000	.000	.000	.000
1.5500	.000	.000	.000	.000	.000
1.8000	.000	.000	.000	.000	.001
2.0500	.001	.001	.001	.001	.001
2.3000	.001	.001	.001	.001	.002
2.5500	.002	.002	.002	.002	.002
2.8000	.002	.003	.003	.003	.003
3.0500	.003	.003	.004	.004	.004
3.3000	.004	.004	.005	.005	.005
3.5500	.005	.005	.006	.006	.006
3.8000	.006	.007	.007	.007	.007
4.0500	.008	.008	.008	.009	.009
4.3000	.009	.009	.010	.010	.010
4.5500	.011	.011	.011	.012	.012
4.8000	.012	.013	.013	.013	.014
5.0500	.014	.015	.015	.015	.016
5.3000	.016	.016	.017	.017	.018
5.5500	.018	.018	.019	.019	.020
5.8000	.020	.021	.021	.021	.022
6.0500	.022	.023	.023	.024	.024
6.3000	.025	.025	.026	.026	.027
6.5500	.027	.028	.028	.029	.029
6.8000	.030	.031	.031	.032	.033
7.0500	.033	.034	.034	.035	.036
7.3000	.036	.037	.038	.039	.039
7.5500	.040	.041	.042	.042	.043
7.8000	.044	.045	.045	.046	.047
8.0500	.048	.049	.050	.051	.052
8.3000	.052	.053	.054	.055	.056
8.5500	.057	.058	.060	.061	.062
8.8000	.063	.064	.065	.067	.068
9.0500	.069	.070	.072	.073	.074
9.3000	.076	.077	.079	.080	.081
9.5500	.083	.084	.086	.088	.089
9.8000	.091	.092	.094	.096	.097
10.0500	.099	.101	.103	.104	.106
10.3000	.108	.110	.112	.114	.116
10.5500	.118	.121	.123	.125	.128
10.8000	.130	.132	.135	.137	.140
11.0500	.143	.145	.147	.150	.154
11.3000	.158	.161	.165	.169	.173
11.5500	.177	.183	.189	.197	.207
11.8000	.218	.230	.242	.257	.275

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
12.0500	.295	.311	.323	.327	.326
12.3000	.323	.318	.312	.306	.299
12.5500	.292	.286	.281	.276	.271
12.8000	.268	.265	.262	.259	.257
13.0500	.255	.253	.252	.250	.249
13.3000	.248	.247	.246	.245	.244
13.5500	.244	.243	.242	.242	.241
13.8000	.241	.240	.240	.239	.239
14.0500	.238	.238	.238	.237	.237
14.3000	.237	.236	.236	.236	.236
14.5500	.235	.235	.235	.235	.234
14.8000	.234	.234	.234	.234	.234
15.0500	.233	.233	.233	.233	.233
15.3000	.232	.232	.232	.232	.232
15.5500	.231	.231	.231	.231	.231
15.8000	.230	.230	.230	.230	.229
16.0500	.229	.229	.229	.229	.229
16.3000	.228	.228	.228	.228	.228
16.5500	.228	.227	.227	.227	.227
16.8000	.227	.227	.227	.227	.227
17.0500	.226	.226	.226	.226	.226
17.3000	.226	.226	.226	.226	.226
17.5500	.225	.225	.225	.225	.225
17.8000	.225	.225	.225	.225	.225
18.0500	.224	.224	.224	.224	.224
18.3000	.224	.224	.224	.224	.224
18.5500	.224	.224	.224	.224	.224
18.8000	.224	.223	.223	.223	.223
19.0500	.223	.223	.223	.223	.223
19.3000	.223	.223	.223	.223	.223
19.5500	.223	.223	.223	.223	.223
19.8000	.223	.223	.223	.223	.223
20.0500	.223	.222	.222	.222	.222
20.3000	.222	.222	.222	.222	.222
20.5500	.222	.222	.222	.222	.222
20.8000	.222	.222	.222	.222	.222
21.0500	.222	.222	.222	.222	.222
21.3000	.221	.221	.221	.221	.221
21.5500	.221	.221	.221	.221	.221
21.8000	.221	.221	.221	.221	.221
22.0500	.221	.221	.221	.221	.221
22.3000	.221	.221	.221	.221	.221
22.5500	.221	.220	.220	.220	.220
22.8000	.220	.220	.220	.220	.220

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
23.0500	.220	.220	.220	.220	.220
23.3000	.220	.220	.220	.220	.220
23.5500	.220	.220	.220	.220	.220
23.8000	.220	.220	.219	.219	.219
24.0500	.219	.219	.219	.218	.218
24.3000	.218	.218	.217	.217	.217
24.5500	.217	.217	.216	.216	.216
24.8000	.216	.216	.216	.215	.215
25.0500	.215	.215	.215	.215	.215
25.3000	.215	.215	.214	.214	.214
25.5500	.214	.214	.214	.214	.214
25.8000	.214	.214	.214	.214	.214
26.0500	.214	.214	.214	.214	.214
26.3000	.214	.214	.214	.213	.213
26.5500	.213	.213	.213	.213	.213
26.8000	.213	.213	.213	.213	.213
27.0500	.213				

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
1.0000	.000	.000	.000	.000	.000
1.2500	.000	.000	.000	.000	.000
1.5000	.000	.000	.001	.001	.001
1.7500	.001	.001	.001	.001	.001
2.0000	.002	.002	.002	.002	.002
2.2500	.002	.003	.003	.003	.003
2.5000	.003	.004	.004	.004	.004
2.7500	.005	.005	.005	.005	.006
3.0000	.006	.006	.006	.007	.007
3.2500	.007	.008	.008	.008	.009
3.5000	.009	.009	.010	.010	.010
3.7500	.011	.011	.011	.012	.012
4.0000	.013	.013	.013	.014	.014
4.2500	.015	.015	.016	.016	.016
4.5000	.017	.017	.018	.018	.019
4.7500	.019	.020	.020	.021	.021
5.0000	.022	.022	.023	.023	.024
5.2500	.024	.025	.025	.026	.027
5.5000	.027	.028	.028	.029	.029
5.7500	.030	.031	.031	.032	.032
6.0000	.033	.034	.034	.035	.036
6.2500	.036	.037	.038	.038	.039
6.5000	.040	.040	.041	.042	.043
6.7500	.043	.044	.045	.046	.047
7.0000	.048	.048	.049	.050	.051
7.2500	.052	.053	.054	.055	.056
7.5000	.057	.058	.059	.060	.061
7.7500	.062	.063	.064	.065	.066
8.0000	.067	.068	.069	.071	.072
8.2500	.073	.074	.075	.077	.078
8.5000	.079	.081	.082	.084	.085
8.7500	.087	.088	.090	.091	.093
9.0000	.094	.096	.098	.099	.101
9.2500	.103	.105	.107	.108	.110
9.5000	.112	.114	.116	.118	.120
9.7500	.122	.124	.126	.129	.131
10.0000	.133	.135	.137	.140	.142
10.2500	.144	.147	.148	.152	.155
10.5000	.157	.160	.163	.166	.169
10.7500	.172	.175	.178	.181	.185
11.0000	.188	.191	.195	.198	.202
11.2500	.206	.211	.215	.220	.224
11.5000	.228	.233	.238	.243	.250

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11.7500	.258	.266	.275	.284	.296
12.0000	.314	.334	.355	.371	.378
12.2500	.378	.375	.370	.363	.355
12.5000	.345	.334	.322	.311	.301
12.7500	.293	.287	.281	.276	.272
13.0000	.269	.265	.263	.260	.258
13.2500	.256	.255	.253	.252	.251
13.5000	.250	.249	.248	.248	.247
13.7500	.246	.246	.245	.244	.244
14.0000	.243	.243	.242	.242	.241
14.2500	.241	.241	.240	.240	.240
14.5000	.239	.239	.239	.239	.238
14.7500	.238	.238	.238	.237	.237
15.0000	.237	.237	.236	.236	.236
15.2500	.236	.235	.235	.235	.235
15.5000	.235	.234	.234	.234	.234
15.7500	.234	.233	.233	.233	.233
16.0000	.232	.232	.232	.232	.231
16.2500	.231	.231	.231	.231	.231
16.5000	.230	.230	.230	.230	.230
16.7500	.230	.229	.229	.229	.229
17.0000	.229	.229	.229	.228	.228
17.2500	.228	.228	.228	.228	.228
17.5000	.228	.227	.227	.227	.227
17.7500	.227	.227	.227	.227	.227
18.0000	.226	.226	.226	.226	.226
18.2500	.226	.226	.226	.226	.226
18.5000	.225	.225	.225	.225	.225
18.7500	.225	.225	.225	.225	.225
19.0000	.225	.225	.225	.225	.225
19.2500	.225	.225	.225	.225	.225
19.5000	.224	.224	.224	.224	.224
19.7500	.224	.224	.224	.224	.224
20.0000	.224	.224	.224	.224	.224
20.2500	.224	.224	.224	.224	.224
20.5000	.224	.224	.224	.224	.224
20.7500	.224	.224	.224	.224	.224
21.0000	.223	.223	.223	.223	.223
21.2500	.223	.223	.223	.223	.223
21.5000	.223	.223	.223	.223	.223
21.7500	.223	.223	.223	.223	.223
22.0000	.223	.223	.223	.223	.223
22.2500	.223	.223	.223	.223	.222
22.5000	.222	.222	.222	.222	.222

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
22.7500	.222	.222	.222	.222	.222
23.0000	.222	.222	.222	.222	.222
23.2500	.222	.222	.222	.222	.222
23.5000	.222	.222	.221	.221	.221
23.7500	.221	.221	.221	.221	.221
24.0000	.221	.221	.221	.220	.220
24.2500	.220	.219	.219	.219	.218
24.5000	.218	.218	.217	.217	.217
24.7500	.217	.217	.216	.216	.216
25.0000	.216	.216	.216	.215	.215
25.2500	.215	.215	.215	.215	.215
25.5000	.215	.215	.214	.214	.214
25.7500	.214	.214	.214	.214	.214
26.0000	.214	.214	.214	.214	.214
26.2500	.214	.214	.214	.214	.214
26.5000	.214	.214	.214	.213	.213
26.7500	.213	.213	.213	.213	.213
27.0000	.213	.213	.213	.213	.213
27.2500	.213				

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
.8500	.000	.000	.000	.000	.000
1.1000	.000	.000	.000	.000	.000
1.3500	.001	.001	.001	.001	.001
1.6000	.001	.001	.002	.002	.002
1.8500	.002	.002	.003	.003	.003
2.1000	.003	.004	.004	.004	.004
2.3500	.005	.005	.005	.005	.006
2.6000	.006	.006	.007	.007	.007
2.8500	.008	.008	.009	.009	.009
3.1000	.010	.010	.010	.011	.011
3.3500	.012	.012	.013	.013	.014
3.6000	.014	.014	.015	.015	.016
3.8500	.016	.017	.017	.018	.019
4.1000	.019	.020	.020	.021	.021
4.3500	.022	.022	.023	.024	.024
4.6000	.025	.025	.026	.027	.027
4.8500	.028	.028	.029	.030	.030
5.1000	.031	.032	.032	.033	.034
5.3500	.034	.035	.036	.037	.037
5.6000	.038	.039	.040	.040	.041
5.8500	.042	.043	.043	.044	.045
6.1000	.046	.046	.047	.048	.049
6.3500	.050	.051	.052	.052	.053
6.6000	.054	.055	.056	.057	.058
6.8500	.059	.060	.061	.062	.063
7.1000	.064	.065	.067	.068	.069
7.3500	.070	.071	.072	.074	.075
7.6000	.076	.077	.078	.080	.081
7.8500	.082	.084	.085	.086	.088
8.1000	.089	.091	.092	.093	.095
8.3500	.097	.098	.100	.101	.103
8.6000	.105	.107	.108	.110	.112
8.8500	.114	.116	.118	.120	.122
9.1000	.124	.126	.128	.130	.132
9.3500	.134	.137	.139	.141	.144
9.6000	.146	.147	.150	.153	.156
9.8500	.158	.161	.164	.166	.169
10.1000	.172	.175	.177	.180	.183
10.3500	.186	.190	.193	.196	.199
10.6000	.203	.206	.210	.214	.217
10.8500	.221	.224	.227	.230	.233
11.1000	.235	.238	.240	.242	.244
11.3500	.247	.249	.251	.253	.255

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11.6000	.258	.263	.268	.275	.283
11.8500	.292	.301	.314	.335	.362
12.1000	.388	.409	.419	.421	.420
12.3500	.415	.409	.400	.389	.377
12.6000	.364	.351	.338	.326	.314
12.8500	.304	.296	.289	.283	.278
13.1000	.273	.270	.267	.264	.262
13.3500	.260	.258	.257	.255	.254
13.6000	.253	.252	.251	.251	.250
13.8500	.249	.248	.248	.247	.247
14.1000	.246	.246	.245	.245	.244
14.3500	.244	.243	.243	.243	.242
14.6000	.242	.242	.242	.241	.241
14.8500	.241	.240	.240	.240	.240
15.1000	.239	.239	.239	.238	.238
15.3500	.238	.238	.237	.237	.237
15.6000	.237	.236	.236	.236	.236
15.8500	.235	.235	.235	.235	.234
16.1000	.234	.234	.234	.234	.233
16.3500	.233	.233	.233	.233	.232
16.6000	.232	.232	.232	.232	.232
16.8500	.231	.231	.231	.231	.231
17.1000	.231	.231	.230	.230	.230
17.3500	.230	.230	.230	.230	.229
17.6000	.229	.229	.229	.229	.229
17.8500	.229	.228	.228	.228	.228
18.1000	.228	.228	.228	.227	.227
18.3500	.227	.227	.227	.227	.227
18.6000	.227	.227	.227	.227	.227
18.8500	.227	.226	.226	.226	.226
19.1000	.226	.226	.226	.226	.226
19.3500	.226	.226	.226	.226	.226
19.6000	.226	.226	.226	.226	.226
19.8500	.226	.225	.225	.225	.225
20.1000	.225	.225	.225	.225	.225
20.3500	.225	.225	.225	.225	.225
20.6000	.225	.225	.225	.225	.225
20.8500	.225	.225	.225	.225	.225
21.1000	.225	.225	.224	.224	.224
21.3500	.224	.224	.224	.224	.224
21.6000	.224	.224	.224	.224	.224
21.8500	.224	.224	.224	.224	.224
22.1000	.224	.224	.224	.224	.224
22.3500	.224	.224	.224	.224	.224

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
22.6000	.224	.224	.224	.224	.223
22.8500	.223	.223	.223	.223	.223
23.1000	.223	.223	.223	.223	.223
23.3500	.223	.223	.223	.223	.223
23.6000	.223	.223	.223	.223	.223
23.8500	.223	.223	.223	.223	.222
24.1000	.222	.222	.221	.221	.220
24.3500	.220	.220	.219	.219	.219
24.6000	.218	.218	.218	.217	.217
24.8500	.217	.217	.217	.216	.216
25.1000	.216	.216	.216	.216	.215
25.3500	.215	.215	.215	.215	.215
25.6000	.215	.215	.215	.214	.214
25.8500	.214	.214	.214	.214	.214
26.1000	.214	.214	.214	.214	.214
26.3500	.214	.214	.214	.214	.214
26.6000	.214	.214	.214	.214	.213
26.8500	.213	.213	.213	.213	.213
27.1000	.213	.213	.213	.213	.213
27.3500	.213	.213			

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
.7000	.000	.000	.000	.000	.000
.9500	.000	.000	.000	.000	.001
1.2000	.001	.001	.001	.001	.002
1.4500	.002	.002	.002	.002	.003
1.7000	.003	.003	.004	.004	.004
1.9500	.004	.005	.005	.005	.006
2.2000	.006	.007	.007	.007	.008
2.4500	.008	.008	.009	.009	.010
2.7000	.010	.011	.011	.012	.012
2.9500	.013	.013	.014	.014	.015
3.2000	.015	.016	.016	.017	.018
3.4500	.018	.019	.019	.020	.021
3.7000	.021	.022	.022	.023	.024
3.9500	.024	.025	.026	.026	.027
4.2000	.028	.029	.029	.030	.031
4.4500	.031	.032	.033	.034	.035
4.7000	.035	.036	.037	.038	.038
4.9500	.039	.040	.041	.042	.043
5.2000	.043	.044	.045	.046	.047
5.4500	.048	.049	.050	.051	.052
5.7000	.052	.053	.054	.055	.056
5.9500	.057	.058	.059	.060	.061
6.2000	.062	.063	.064	.065	.066
6.4500	.067	.068	.070	.071	.072
6.7000	.073	.074	.076	.077	.078
6.9500	.079	.081	.082	.083	.085
7.2000	.086	.087	.089	.090	.092
7.4500	.093	.095	.096	.098	.099
7.7000	.101	.102	.104	.105	.107
7.9500	.109	.110	.112	.114	.115
8.2000	.117	.119	.121	.123	.125
8.4500	.127	.129	.131	.133	.135
8.7000	.137	.139	.141	.144	.146
8.9500	.147	.150	.153	.156	.158
9.2000	.161	.164	.166	.169	.172
9.4500	.174	.177	.180	.183	.186
9.7000	.189	.192	.195	.198	.201
9.9500	.204	.207	.211	.214	.217
10.2000	.220	.223	.226	.229	.232
10.4500	.234	.236	.238	.240	.241
10.7000	.243	.244	.246	.247	.248
10.9500	.249	.250	.251	.252	.253
11.2000	.254	.255	.257	.258	.260

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11.4500	.261	.263	.265	.268	.272
11.7000	.279	.286	.295	.305	.316
11.9500	.332	.360	.393	.427	.455
12.2000	.470	.474	.475	.471	.465
12.4500	.456	.445	.432	.417	.402
12.7000	.388	.373	.360	.347	.334
12.9500	.322	.311	.301	.293	.287
13.2000	.281	.277	.273	.270	.267
13.4500	.265	.263	.261	.260	.258
13.7000	.257	.256	.255	.254	.253
13.9500	.253	.252	.251	.250	.250
14.2000	.249	.249	.248	.248	.247
14.4500	.247	.246	.246	.246	.245
14.7000	.245	.245	.244	.244	.244
14.9500	.244	.243	.243	.243	.242
15.2000	.242	.242	.242	.241	.241
15.4500	.241	.240	.240	.240	.239
15.7000	.239	.239	.239	.238	.238
15.9500	.238	.237	.237	.237	.237
16.2000	.236	.236	.236	.236	.235
16.4500	.235	.235	.235	.235	.234
16.7000	.234	.234	.234	.234	.234
16.9500	.234	.233	.233	.233	.233
17.2000	.233	.233	.232	.232	.232
17.4500	.232	.232	.232	.231	.231
17.7000	.231	.231	.231	.231	.230
17.9500	.230	.230	.230	.230	.230
18.2000	.230	.229	.229	.229	.229
18.4500	.229	.229	.229	.229	.229
18.7000	.228	.228	.228	.228	.228
18.9500	.228	.228	.228	.228	.228
19.2000	.228	.228	.228	.228	.228
19.4500	.227	.227	.227	.227	.227
19.7000	.227	.227	.227	.227	.227
19.9500	.227	.227	.227	.227	.227
20.2000	.227	.227	.227	.227	.227
20.4500	.226	.226	.226	.226	.226
20.7000	.226	.226	.226	.226	.226
20.9500	.226	.226	.226	.226	.226
21.2000	.226	.226	.226	.226	.226
21.4500	.226	.226	.226	.226	.226
21.7000	.225	.225	.225	.225	.225
21.9500	.225	.225	.225	.225	.225
22.2000	.225	.225	.225	.225	.225

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
22.4500	.225	.225	.225	.225	.225
22.7000	.225	.225	.225	.225	.225
22.9500	.225	.224	.224	.224	.224
23.2000	.224	.224	.224	.224	.224
23.4500	.224	.224	.224	.224	.224
23.7000	.224	.224	.224	.224	.224
23.9500	.224	.224	.224	.223	.223
24.2000	.222	.222	.221	.221	.220
24.4500	.220	.220	.219	.219	.219
24.7000	.218	.218	.218	.217	.217
24.9500	.217	.217	.217	.216	.216
25.2000	.216	.216	.216	.216	.215
25.4500	.215	.215	.215	.215	.215
25.7000	.215	.215	.215	.214	.214
25.9500	.214	.214	.214	.214	.214
26.2000	.214	.214	.214	.214	.214
26.4500	.214	.214	.214	.214	.214
26.7000	.214	.214	.214	.214	.213
26.9500	.213	.213	.213	.213	.213
27.2000	.213	.213	.213	.213	.213
27.4500	.213	.213			

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
5.6000	.000	.000	.000	.000	.000
5.8500	.000	.000	.000	.000	.000
6.1000	.000	.000	.000	.000	.000
6.3500	.000	.000	.000	.000	.000
6.6000	.000	.000	.000	.001	.001
6.8500	.001	.001	.001	.001	.001
7.1000	.001	.001	.001	.001	.001
7.3500	.001	.001	.001	.002	.002
7.6000	.002	.002	.002	.002	.002
7.8500	.002	.002	.002	.003	.003
8.1000	.003	.003	.003	.003	.003
8.3500	.004	.004	.004	.004	.004
8.6000	.005	.005	.005	.005	.005
8.8500	.006	.006	.006	.006	.007
9.1000	.007	.007	.007	.008	.008
9.3500	.008	.009	.009	.009	.010
9.6000	.010	.011	.011	.011	.012
9.8500	.012	.013	.013	.013	.014
10.1000	.014	.015	.015	.016	.016
10.3500	.017	.018	.018	.019	.019
10.6000	.020	.021	.021	.022	.023
10.8500	.024	.024	.025	.026	.027
11.1000	.028	.029	.030	.031	.032
11.3500	.033	.035	.036	.038	.039
11.6000	.041	.043	.046	.050	.054
11.8500	.059	.065	.072	.083	.095
12.1000	.108	.121	.131	.139	.145
12.3500	.151	.156	.160	.163	.165
12.6000	.167	.168	.168	.169	.169
12.8500	.169	.170	.170	.170	.170
13.1000	.169	.169	.169	.169	.169
13.3500	.169	.169	.168	.168	.168
13.6000	.168	.168	.168	.167	.167
13.8500	.167	.167	.167	.167	.167
14.1000	.166	.166	.166	.166	.166
14.3500	.166	.166	.166	.166	.165
14.6000	.165	.165	.165	.165	.165
14.8500	.165	.165	.165	.165	.165
15.1000	.165	.164	.164	.164	.164
15.3500	.164	.164	.164	.164	.164
15.6000	.164	.164	.164	.164	.163
15.8500	.163	.163	.163	.163	.163
16.1000	.163	.163	.163	.163	.163

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
16.3500	.163	.163	.162	.162	.162
16.6000	.162	.162	.162	.162	.162
16.8500	.162	.162	.162	.162	.162
17.1000	.162	.161	.161	.161	.161
17.3500	.161	.161	.161	.161	.161
17.6000	.161	.161	.161	.161	.161
17.8500	.161	.161	.160	.160	.160
18.1000	.160	.160	.160	.160	.160
18.3500	.160	.160	.160	.160	.160
18.6000	.160	.160	.160	.160	.160
18.8500	.160	.160	.160	.160	.160
19.1000	.160	.160	.160	.159	.159
19.3500	.159	.159	.159	.159	.159
19.6000	.159	.159	.159	.159	.159
19.8500	.159	.159	.159	.159	.159
20.1000	.159	.159	.159	.159	.159
20.3500	.159	.159	.159	.159	.159
20.6000	.159	.159	.159	.159	.159
20.8500	.159	.159	.159	.159	.159
21.1000	.159	.159	.159	.159	.159
21.3500	.159	.159	.159	.159	.159
21.6000	.159	.159	.159	.159	.159
21.8500	.159	.159	.159	.159	.159
22.1000	.159	.159	.158	.158	.158
22.3500	.158	.158	.158	.158	.158
22.6000	.158	.158	.158	.158	.158
22.8500	.158	.158	.158	.158	.158
23.1000	.158	.158	.158	.158	.158
23.3500	.158	.158	.158	.158	.158
23.6000	.158	.158	.158	.158	.158
23.8500	.158	.158	.158	.158	.158
24.1000	.158	.158	.158	.157	.157
24.3500	.157	.157	.157	.157	.157
24.6000	.157	.157	.157	.157	.157
24.8500	.156	.156	.156	.156	.156
25.1000	.156	.156	.156	.156	.156
25.3500	.156	.156	.156	.156	.156
25.6000	.156	.156	.156	.156	.156

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
4.8000	.000	.000	.000	.000	.000
5.0500	.000	.000	.000	.000	.000
5.3000	.000	.000	.000	.000	.000
5.5500	.000	.000	.000	.000	.000
5.8000	.000	.001	.001	.001	.001
6.0500	.001	.001	.001	.001	.001
6.3000	.001	.001	.001	.001	.001
6.5500	.001	.001	.002	.002	.002
6.8000	.002	.002	.002	.002	.002
7.0500	.002	.003	.003	.003	.003
7.3000	.003	.003	.003	.004	.004
7.5500	.004	.004	.004	.004	.005
7.8000	.005	.005	.005	.005	.006
8.0500	.006	.006	.006	.006	.007
8.3000	.007	.007	.008	.008	.008
8.5500	.008	.009	.009	.009	.010
8.8000	.010	.010	.011	.011	.012
9.0500	.012	.012	.013	.013	.014
9.3000	.014	.015	.015	.016	.016
9.5500	.017	.017	.018	.018	.019
9.8000	.020	.020	.021	.021	.022
10.0500	.023	.023	.024	.025	.026
10.3000	.026	.027	.028	.029	.030
10.5500	.031	.032	.033	.034	.035
10.8000	.036	.037	.038	.039	.040
11.0500	.041	.042	.044	.045	.047
11.3000	.048	.050	.051	.053	.055
11.5500	.057	.060	.063	.067	.072
11.8000	.078	.084	.092	.102	.115
12.0500	.132	.149	.165	.176	.182
12.3000	.186	.189	.190	.190	.189
12.5500	.187	.186	.184	.182	.181
12.8000	.180	.179	.178	.177	.176
13.0500	.175	.175	.174	.173	.173
13.3000	.172	.172	.172	.171	.171
13.5500	.171	.171	.170	.170	.170
13.8000	.170	.169	.169	.169	.169
14.0500	.169	.168	.168	.168	.168
14.3000	.168	.168	.167	.167	.167
14.5500	.167	.167	.167	.167	.167
14.8000	.166	.166	.166	.166	.166
15.0500	.166	.166	.166	.166	.166
15.3000	.165	.165	.165	.165	.165

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
15.5500	.165	.165	.165	.165	.165
15.8000	.165	.164	.164	.164	.164
16.0500	.164	.164	.164	.164	.164
16.3000	.164	.164	.164	.164	.163
16.5500	.163	.163	.163	.163	.163
16.8000	.163	.163	.163	.163	.163
17.0500	.163	.163	.163	.163	.163
17.3000	.163	.162	.162	.162	.162
17.5500	.162	.162	.162	.162	.162
17.8000	.162	.162	.162	.162	.162
18.0500	.161	.161	.161	.161	.161
18.3000	.161	.161	.161	.161	.161
18.5500	.161	.161	.161	.161	.161
18.8000	.161	.161	.161	.161	.161
19.0500	.161	.160	.160	.160	.160
19.3000	.160	.160	.160	.160	.160
19.5500	.160	.160	.160	.160	.160
19.8000	.160	.160	.160	.160	.160
20.0500	.160	.160	.160	.160	.160
20.3000	.160	.160	.160	.160	.160
20.5500	.160	.160	.160	.160	.160
20.8000	.160	.160	.160	.160	.160
21.0500	.160	.160	.160	.160	.159
21.3000	.159	.159	.159	.159	.159
21.5500	.159	.159	.159	.159	.159
21.8000	.159	.159	.159	.159	.159
22.0500	.159	.159	.159	.159	.159
22.3000	.159	.159	.159	.159	.159
22.5500	.159	.159	.159	.159	.159
22.8000	.159	.159	.159	.159	.159
23.0500	.159	.159	.159	.159	.159
23.3000	.159	.159	.159	.159	.159
23.5500	.159	.159	.159	.159	.159
23.8000	.159	.159	.159	.159	.159
24.0500	.159	.158	.158	.158	.158
24.3000	.158	.158	.157	.157	.157
24.5500	.157	.157	.157	.157	.157
24.8000	.157	.157	.157	.157	.156
25.0500	.156	.156	.156	.156	.156
25.3000	.156	.156	.156	.156	.156
25.5500	.156	.156	.156	.156	.156
25.8000	.156	.156	.156	.156	

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
3.4000	.000	.000	.000	.000	.000
3.6500	.000	.000	.000	.000	.000
3.9000	.000	.000	.000	.000	.000
4.1500	.000	.000	.000	.001	.001
4.4000	.001	.001	.001	.001	.001
4.6500	.001	.001	.001	.001	.001
4.9000	.002	.002	.002	.002	.002
5.1500	.002	.002	.002	.002	.003
5.4000	.003	.003	.003	.003	.003
5.6500	.003	.004	.004	.004	.004
5.9000	.004	.005	.005	.005	.005
6.1500	.005	.005	.006	.006	.006
6.4000	.006	.007	.007	.007	.007
6.6500	.008	.008	.008	.008	.009
6.9000	.009	.009	.010	.010	.010
7.1500	.011	.011	.011	.012	.012
7.4000	.012	.013	.013	.014	.014
7.6500	.015	.015	.015	.016	.016
7.9000	.017	.017	.018	.018	.019
8.1500	.019	.020	.020	.021	.022
8.4000	.022	.023	.023	.024	.025
8.6500	.025	.026	.027	.028	.028
8.9000	.029	.030	.031	.032	.032
9.1500	.033	.034	.035	.036	.037
9.4000	.038	.039	.040	.041	.042
9.6500	.043	.044	.046	.047	.048
9.9000	.049	.050	.052	.053	.054
10.1500	.056	.057	.058	.060	.061
10.4000	.063	.064	.066	.068	.069
10.6500	.071	.073	.075	.077	.078
10.9000	.080	.082	.085	.087	.089
11.1500	.091	.094	.096	.099	.102
11.4000	.105	.107	.111	.115	.120
11.6500	.125	.132	.140	.149	.160
11.9000	.172	.185	.201	.217	.231
12.1500	.239	.241	.239	.235	.229
12.4000	.224	.218	.213	.207	.203
12.6500	.199	.195	.192	.190	.188
12.9000	.186	.185	.184	.182	.181
13.1500	.180	.179	.179	.178	.178
13.4000	.177	.177	.176	.176	.175
13.6500	.175	.175	.175	.174	.174
13.9000	.174	.173	.173	.173	.173

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
14.1500	.172	.172	.172	.172	.172
14.4000	.171	.171	.171	.171	.171
14.6500	.171	.171	.171	.170	.170
14.9000	.170	.170	.170	.170	.170
15.1500	.169	.169	.169	.169	.169
15.4000	.169	.169	.168	.168	.168
15.6500	.168	.168	.168	.168	.167
15.9000	.167	.167	.167	.167	.167
16.1500	.167	.166	.166	.166	.166
16.4000	.166	.166	.166	.166	.166
16.6500	.166	.165	.165	.165	.165
16.9000	.165	.165	.165	.165	.165
17.1500	.165	.165	.165	.165	.165
17.4000	.165	.164	.164	.164	.164
17.6500	.164	.164	.164	.164	.164
17.9000	.164	.164	.164	.164	.164
18.1500	.164	.164	.163	.163	.163
18.4000	.163	.163	.163	.163	.163
18.6500	.163	.163	.163	.163	.163
18.9000	.163	.163	.163	.163	.163
19.1500	.163	.163	.163	.163	.163
19.4000	.163	.163	.163	.163	.163
19.6500	.162	.162	.162	.162	.162
19.9000	.162	.162	.162	.162	.162
20.1500	.162	.162	.162	.162	.162
20.4000	.162	.162	.162	.162	.162
20.6500	.162	.162	.162	.162	.162
20.9000	.162	.162	.162	.162	.162
21.1500	.162	.162	.162	.161	.161
21.4000	.161	.161	.161	.161	.161
21.6500	.161	.161	.161	.161	.161
21.9000	.161	.161	.161	.161	.161
22.1500	.161	.161	.161	.161	.161
22.4000	.161	.161	.161	.161	.161
22.6500	.161	.161	.161	.161	.161
22.9000	.161	.161	.161	.161	.161
23.1500	.161	.160	.160	.160	.160
23.4000	.160	.160	.160	.160	.160
23.6500	.160	.160	.160	.160	.160
23.9000	.160	.160	.160	.160	.160
24.1500	.160	.159	.159	.159	.159
24.4000	.158	.158	.158	.158	.158
24.6500	.158	.157	.157	.157	.157
24.9000	.157	.157	.157	.157	.157

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
25.1500	.157	.157	.156	.156	.156
25.4000	.156	.156	.156	.156	.156
25.6500	.156	.156	.156	.156	.156
25.9000	.156	.156	.156	.156	.156
26.1500	.156	.156			

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
2.7500	.000	.000	.000	.000	.000
3.0000	.000	.000	.000	.000	.000
3.2500	.000	.000	.000	.000	.000
3.5000	.001	.001	.001	.001	.001
3.7500	.001	.001	.001	.001	.001
4.0000	.001	.002	.002	.002	.002
4.2500	.002	.002	.002	.002	.003
4.5000	.003	.003	.003	.003	.003
4.7500	.004	.004	.004	.004	.004
5.0000	.005	.005	.005	.005	.006
5.2500	.006	.006	.006	.007	.007
5.5000	.007	.007	.008	.008	.008
5.7500	.008	.009	.009	.009	.010
6.0000	.010	.010	.011	.011	.011
6.2500	.012	.012	.012	.013	.013
6.5000	.013	.014	.014	.015	.015
6.7500	.016	.016	.017	.017	.018
7.0000	.018	.019	.019	.020	.020
7.2500	.021	.021	.022	.022	.023
7.5000	.024	.024	.025	.026	.026
7.7500	.027	.028	.028	.029	.030
8.0000	.030	.031	.032	.033	.033
8.2500	.034	.035	.036	.037	.038
8.5000	.039	.040	.041	.042	.043
8.7500	.044	.045	.046	.047	.048
9.0000	.049	.051	.052	.053	.055
9.2500	.056	.057	.059	.060	.061
9.5000	.063	.064	.066	.067	.069
9.7500	.071	.072	.074	.075	.077
10.0000	.079	.081	.082	.084	.086
10.2500	.088	.090	.092	.094	.097
10.5000	.099	.101	.103	.106	.107
10.7500	.110	.113	.116	.118	.121
11.0000	.124	.127	.130	.133	.136
11.2500	.140	.143	.147	.151	.156
11.5000	.160	.164	.169	.175	.181
11.7500	.187	.194	.201	.209	.218
12.0000	.232	.249	.266	.279	.283
12.2500	.282	.277	.271	.263	.255
12.5000	.245	.234	.224	.216	.209
12.7500	.204	.200	.197	.194	.192
13.0000	.190	.188	.186	.185	.184
13.2500	.183	.182	.182	.181	.180

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
13.5000	.180	.179	.179	.179	.178
13.7500	.178	.178	.177	.177	.177
14.0000	.176	.176	.176	.175	.175
14.2500	.175	.175	.174	.174	.174
14.5000	.174	.174	.173	.173	.173
14.7500	.173	.173	.173	.173	.172
15.0000	.172	.172	.172	.172	.172
15.2500	.171	.171	.171	.171	.171
15.5000	.171	.171	.170	.170	.170
15.7500	.170	.170	.170	.169	.169
16.0000	.169	.169	.169	.169	.168
16.2500	.168	.168	.168	.168	.168
16.5000	.168	.168	.167	.167	.167
16.7500	.167	.167	.167	.167	.167
17.0000	.167	.167	.167	.166	.166
17.2500	.166	.166	.166	.166	.166
17.5000	.166	.166	.166	.166	.166
17.7500	.165	.165	.165	.165	.165
18.0000	.165	.165	.165	.165	.165
18.2500	.165	.165	.165	.165	.164
18.5000	.164	.164	.164	.164	.164
18.7500	.164	.164	.164	.164	.164
19.0000	.164	.164	.164	.164	.164
19.2500	.164	.164	.164	.164	.164
19.5000	.164	.164	.164	.164	.164
19.7500	.164	.164	.164	.164	.164
20.0000	.164	.164	.164	.164	.164
20.2500	.163	.163	.163	.163	.163
20.5000	.163	.163	.163	.163	.163
20.7500	.163	.163	.163	.163	.163
21.0000	.163	.163	.163	.163	.163
21.2500	.163	.163	.163	.163	.163
21.5000	.163	.163	.163	.163	.163
21.7500	.163	.163	.163	.163	.163
22.0000	.163	.163	.163	.162	.162
22.2500	.162	.162	.162	.162	.162
22.5000	.162	.162	.162	.162	.162
22.7500	.162	.162	.162	.162	.162
23.0000	.162	.162	.162	.162	.162
23.2500	.162	.162	.162	.162	.162
23.5000	.162	.162	.162	.161	.161
23.7500	.161	.161	.161	.161	.161
24.0000	.161	.161	.161	.161	.160
24.2500	.160	.160	.159	.159	.159

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
24.5000	.159	.158	.158	.158	.158
24.7500	.158	.158	.157	.157	.157
25.0000	.157	.157	.157	.157	.157
25.2500	.157	.157	.157	.157	.156
25.5000	.156	.156	.156	.156	.156
25.7500	.156	.156	.156	.156	.156
26.0000	.156	.156	.156	.156	.156
26.2500	.156	.156	.156		

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
2.3500	.000	.000	.000	.000	.000
2.6000	.000	.000	.000	.000	.000
2.8500	.000	.000	.000	.001	.001
3.1000	.001	.001	.001	.001	.001
3.3500	.001	.001	.001	.002	.002
3.6000	.002	.002	.002	.002	.002
3.8500	.003	.003	.003	.003	.003
4.1000	.004	.004	.004	.004	.004
4.3500	.005	.005	.005	.005	.006
4.6000	.006	.006	.006	.007	.007
4.8500	.007	.008	.008	.008	.009
5.1000	.009	.009	.010	.010	.010
5.3500	.011	.011	.011	.012	.012
5.6000	.013	.013	.013	.014	.014
5.8500	.015	.015	.015	.016	.016
6.1000	.017	.017	.018	.018	.019
6.3500	.019	.020	.020	.021	.021
6.6000	.022	.023	.023	.024	.024
6.8500	.025	.026	.026	.027	.028
7.1000	.029	.029	.030	.031	.031
7.3500	.032	.033	.034	.035	.036
7.6000	.036	.037	.038	.039	.040
7.8500	.041	.042	.043	.044	.045
8.1000	.046	.047	.048	.049	.050
8.3500	.051	.052	.053	.055	.056
8.6000	.057	.059	.060	.061	.063
8.8500	.064	.066	.067	.069	.070
9.1000	.072	.073	.075	.077	.078
9.3500	.080	.082	.084	.086	.088
9.6000	.089	.091	.093	.095	.097
9.8500	.100	.102	.104	.106	.107
10.1000	.110	.113	.115	.118	.120
10.3500	.123	.125	.128	.131	.134
10.6000	.137	.140	.143	.146	.149
10.8500	.152	.156	.159	.162	.165
11.1000	.168	.170	.172	.175	.177
11.3500	.179	.181	.182	.184	.186
11.6000	.188	.192	.196	.202	.208
11.8500	.215	.222	.232	.250	.272
12.1000	.295	.312	.319	.319	.315
12.3500	.309	.301	.292	.280	.268
12.6000	.256	.243	.232	.222	.214
12.8500	.208	.203	.200	.197	.194

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
13.1000	.192	.190	.188	.187	.186
13.3500	.185	.184	.184	.183	.183
13.6000	.182	.182	.181	.181	.180
13.8500	.180	.180	.179	.179	.179
14.1000	.178	.178	.178	.177	.177
14.3500	.177	.177	.176	.176	.176
14.6000	.176	.176	.175	.175	.175
14.8500	.175	.175	.175	.174	.174
15.1000	.174	.174	.174	.173	.173
15.3500	.173	.173	.173	.173	.172
15.6000	.172	.172	.172	.172	.172
15.8500	.171	.171	.171	.171	.171
16.1000	.170	.170	.170	.170	.170
16.3500	.170	.170	.169	.169	.169
16.6000	.169	.169	.169	.169	.169
16.8500	.169	.168	.168	.168	.168
17.1000	.168	.168	.168	.168	.168
17.3500	.167	.167	.167	.167	.167
17.6000	.167	.167	.167	.167	.167
17.8500	.167	.166	.166	.166	.166
18.1000	.166	.166	.166	.166	.166
18.3500	.166	.166	.166	.165	.165
18.6000	.165	.165	.165	.165	.165
18.8500	.165	.165	.165	.165	.165
19.1000	.165	.165	.165	.165	.165
19.3500	.165	.165	.165	.165	.165
19.6000	.165	.165	.165	.165	.165
19.8500	.165	.165	.165	.164	.164
20.1000	.164	.164	.164	.164	.164
20.3500	.164	.164	.164	.164	.164
20.6000	.164	.164	.164	.164	.164
20.8500	.164	.164	.164	.164	.164
21.1000	.164	.164	.164	.164	.164
21.3500	.164	.164	.164	.164	.164
21.6000	.164	.164	.164	.164	.164
21.8500	.164	.164	.164	.164	.164
22.1000	.164	.163	.163	.163	.163
22.3500	.163	.163	.163	.163	.163
22.6000	.163	.163	.163	.163	.163
22.8500	.163	.163	.163	.163	.163
23.1000	.163	.163	.163	.163	.163
23.3500	.163	.163	.163	.163	.163
23.6000	.163	.163	.163	.163	.162
23.8500	.162	.162	.162	.162	.162

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
24.1000	.162	.162	.161	.161	.160
24.3500	.160	.160	.159	.159	.159
24.6000	.159	.158	.158	.158	.158
24.8500	.158	.158	.157	.157	.157
25.1000	.157	.157	.157	.157	.157
25.3500	.157	.157	.157	.157	.156
25.6000	.156	.156	.156	.156	.156
25.8500	.156	.156	.156	.156	.156
26.1000	.156	.156	.156	.156	.156
26.3500	.156	.156	.156	.156	

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
1.9500	.000	.000	.000	.000	.000
2.2000	.000	.000	.000	.000	.000
2.4500	.000	.000	.001	.001	.001
2.7000	.001	.001	.001	.001	.001
2.9500	.001	.002	.002	.002	.002
3.2000	.002	.002	.003	.003	.003
3.4500	.003	.003	.004	.004	.004
3.7000	.004	.005	.005	.005	.005
3.9500	.006	.006	.006	.007	.007
4.2000	.007	.008	.008	.008	.009
4.4500	.009	.010	.010	.010	.011
4.7000	.011	.012	.012	.012	.013
4.9500	.013	.014	.014	.015	.015
5.2000	.016	.016	.017	.017	.018
5.4500	.018	.019	.019	.020	.020
5.7000	.021	.021	.022	.023	.023
5.9500	.024	.024	.025	.026	.026
6.2000	.027	.028	.028	.029	.030
6.4500	.030	.031	.032	.033	.034
6.7000	.034	.035	.036	.037	.038
6.9500	.039	.040	.040	.041	.042
7.2000	.043	.044	.045	.046	.047
7.4500	.048	.050	.051	.052	.053
7.7000	.054	.055	.056	.058	.059
7.9500	.060	.061	.063	.064	.065
8.2000	.067	.068	.069	.071	.072
8.4500	.074	.076	.077	.079	.080
8.7000	.082	.084	.086	.088	.089
8.9500	.091	.093	.095	.097	.099
9.2000	.102	.104	.106	.107	.110
9.4500	.113	.115	.117	.120	.122
9.7000	.125	.127	.130	.133	.135
9.9500	.138	.141	.143	.146	.149
10.2000	.152	.155	.158	.161	.164
10.4500	.166	.169	.171	.173	.174
10.7000	.176	.177	.178	.179	.180
10.9500	.181	.181	.182	.183	.184
11.2000	.184	.185	.187	.188	.189
11.4500	.190	.191	.193	.195	.199
11.7000	.204	.210	.217	.225	.233
11.9500	.247	.271	.300	.329	.353
12.2000	.364	.365	.363	.358	.350
12.4500	.339	.327	.313	.299	.284

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
12.7000	.270	.257	.244	.233	.223
12.9500	.215	.209	.204	.200	.197
13.2000	.195	.193	.191	.190	.189
13.4500	.188	.187	.186	.186	.185
13.7000	.185	.184	.184	.183	.183
13.9500	.182	.182	.181	.181	.181
14.2000	.180	.180	.180	.180	.179
14.4500	.179	.179	.179	.179	.178
14.7000	.178	.178	.178	.177	.177
14.9500	.177	.177	.177	.176	.176
15.2000	.176	.176	.176	.175	.175
15.4500	.175	.175	.175	.174	.174
15.7000	.174	.174	.174	.173	.173
15.9500	.173	.173	.172	.172	.172
16.2000	.172	.172	.172	.171	.171
16.4500	.171	.171	.171	.171	.171
16.7000	.171	.171	.170	.170	.170
16.9500	.170	.170	.170	.170	.170
17.2000	.170	.169	.169	.169	.169
17.4500	.169	.169	.169	.169	.168
17.7000	.168	.168	.168	.168	.168
17.9500	.168	.168	.168	.167	.167
18.2000	.167	.167	.167	.167	.167
18.4500	.167	.167	.167	.167	.167
18.7000	.167	.167	.166	.166	.166
18.9500	.166	.166	.166	.166	.166
19.2000	.166	.166	.166	.166	.166
19.4500	.166	.166	.166	.166	.166
19.7000	.166	.166	.166	.166	.166
19.9500	.166	.166	.166	.165	.165
20.2000	.165	.165	.165	.165	.165
20.4500	.165	.165	.165	.165	.165
20.7000	.165	.165	.165	.165	.165
20.9500	.165	.165	.165	.165	.165
21.2000	.165	.165	.165	.165	.165
21.4500	.165	.165	.165	.165	.165
21.7000	.165	.165	.165	.165	.164
21.9500	.164	.164	.164	.164	.164
22.2000	.164	.164	.164	.164	.164
22.4500	.164	.164	.164	.164	.164
22.7000	.164	.164	.164	.164	.164
22.9500	.164	.164	.164	.164	.164
23.2000	.164	.164	.164	.164	.164
23.4500	.164	.164	.164	.164	.164

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
23.7000	.164	.164	.163	.163	.163
23.9500	.163	.163	.163	.163	.162
24.2000	.162	.161	.161	.161	.160
24.4500	.160	.160	.159	.159	.159
24.7000	.159	.158	.158	.158	.158
24.9500	.158	.158	.157	.157	.157
25.2000	.157	.157	.157	.157	.157
25.4500	.157	.157	.157	.157	.156
25.7000	.156	.156	.156	.156	.156
25.9500	.156	.156	.156	.156	.156
26.2000	.156	.156	.156	.156	.156
26.4500	.156	.156	.156	.156	

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
12.3000	.000	.000	.001	.002	.004
12.5500	.006	.008	.011	.014	.017
12.8000	.020	.023	.026	.029	.031
13.0500	.034	.036	.038	.040	.042
13.3000	.044	.045	.047	.048	.049
13.5500	.050	.051	.052	.053	.053
13.8000	.054	.055	.055	.055	.056
14.0500	.056	.056	.056	.056	.056
14.3000	.056	.056	.056	.056	.056
14.5500	.056	.055	.055	.055	.055
14.8000	.055	.054	.054	.054	.054
15.0500	.053	.053	.053	.052	.052
15.3000	.052	.052	.051	.051	.051
15.5500	.050	.050	.050	.049	.049
15.8000	.049	.048	.048	.048	.047
16.0500	.047	.047	.046	.046	.046
16.3000	.045	.045	.045	.045	.044
16.5500	.044	.044	.043	.043	.043
16.8000	.043	.042	.042	.042	.042
17.0500	.041	.041	.041	.041	.040
17.3000	.040	.040	.040	.039	.039
17.5500	.039	.039	.038	.038	.038
17.8000	.038	.038	.037	.037	.037
18.0500	.037	.037	.036	.036	.036
18.3000	.036	.036	.035	.035	.035
18.5500	.035	.035	.034	.034	.034
18.8000	.034	.034	.033	.033	.033
19.0500	.033	.033	.033	.032	.032
19.3000	.032	.032	.032	.032	.031
19.5500	.031	.031	.031	.031	.031
19.8000	.031	.031	.030	.030	.030
20.0500	.030	.030	.030	.030	.030
20.3000	.030	.029	.029	.029	.029
20.5500	.029	.029	.029	.029	.029
20.8000	.029	.028	.028	.028	.028
21.0500	.028	.028	.028	.028	.028
21.3000	.028	.027	.027	.027	.027
21.5500	.027	.027	.027	.027	.027
21.8000	.027	.027	.027	.026	.026
22.0500	.026	.026	.026	.026	.026
22.3000	.026	.026	.026	.026	.026
22.5500	.026	.025	.025	.025	.025
22.8000	.025	.025	.025	.025	.025

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
23.0500	.025	.025	.025	.025	.025
23.3000	.024	.024	.024	.024	.024
23.5500	.024	.024	.024	.024	.024
23.8000	.024	.024	.024	.024	.024
24.0500	.023	.023	.023	.023	.023
24.3000	.023	.023	.023	.022	.022
24.5500	.022	.022	.022	.022	.021
24.8000	.021	.021	.021	.020	.020
25.0500	.020	.020	.020	.019	.019
25.3000	.019	.019	.019	.018	.018
25.5500	.018	.018	.017	.017	.017
25.8000	.017	.017	.016	.016	.016
26.0500	.016	.016	.016	.015	.015
26.3000	.015	.015	.015	.015	.014
26.5500	.014	.014	.014	.014	.014
26.8000	.013	.013	.013	.013	.013
27.0500	.013	.013	.012	.012	.012
27.3000	.012	.012	.012	.012	.012
27.5500	.011	.011	.011	.011	.011
27.8000	.011	.011	.011	.011	.010
28.0500	.010	.010	.010	.010	.010
28.3000	.010	.010	.010	.010	.010
28.5500	.009	.009	.009	.009	.009
28.8000	.009	.009	.009	.009	.009
29.0500	.009	.009	.009	.009	.008
29.3000	.008	.008	.008	.008	.008
29.5500	.008	.008	.008	.008	.008
29.8000	.008	.008	.008	.008	.008
30.0500	.008	.007	.007	.007	.007
30.3000	.007	.007	.007	.007	.007
30.5500	.007	.007	.007	.007	.007
30.8000	.007	.007	.007	.007	.007
31.0500	.007	.007	.007	.007	.006
31.3000	.006	.006	.006	.006	.006
31.5500	.006	.006	.006	.006	.006
31.8000	.006	.006	.006	.006	.006
32.0500	.006	.006	.006	.006	.006
32.3000	.006	.006	.006	.006	.006
32.5500	.006	.006	.005	.005	.005
32.8000	.005	.005	.005	.005	.005
33.0500	.005	.005	.005	.005	.005
33.3000	.005	.005	.005	.005	.005
33.5500	.005	.005	.005	.005	.005
33.8000	.005	.005	.005	.005	.005

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
34.0500	.005	.005	.005	.005	.005
34.3000	.004	.004	.004	.004	.004
34.5500	.004	.004	.004	.004	.004
34.8000	.004	.004	.004	.004	.004
35.0500	.004	.004	.004	.004	.004
35.3000	.004	.004	.004	.004	.004
35.5500	.004	.004	.004	.004	.004
35.8000	.004	.004	.004	.004	.004
36.0500	.004	.004	.004	.004	.004
36.3000	.004	.004	.003	.003	.003
36.5500	.003	.003	.003	.003	.003
36.8000	.003	.003	.003	.003	.003
37.0500	.003	.003	.003	.003	.003
37.3000	.003	.003	.003	.003	.003
37.5500	.003	.003	.003	.003	.003
37.8000	.003	.003	.003	.003	.003
38.0500	.003	.003	.003	.003	.003
38.3000	.003	.003	.003	.003	.003
38.5500	.003	.003	.003	.003	.003
38.8000	.003	.003	.003	.003	.003
39.0500	.003	.003	.003	.002	.002
39.3000	.002	.002	.002	.002	.002
39.5500	.002	.002	.002	.002	.002
39.8000	.002	.002	.002	.002	.002
40.0500	.002	.002	.002	.002	.002
40.3000	.002	.002	.002	.002	.002
40.5500	.002	.002	.002	.002	.002
40.8000	.002				

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
12.0500	.000	.000	.002	.006	.013
12.3000	.022	.032	.042	.052	.061
12.5500	.069	.075	.081	.085	.089
12.8000	.092	.094	.095	.096	.097
13.0500	.097	.097	.096	.096	.095
13.3000	.094	.093	.093	.091	.090
13.5500	.089	.088	.087	.086	.085
13.8000	.084	.083	.082	.081	.080
14.0500	.079	.078	.077	.076	.075
14.3000	.074	.074	.073	.072	.071
14.5500	.070	.070	.069	.068	.068
14.8000	.067	.066	.066	.065	.064
15.0500	.064	.063	.063	.062	.062
15.3000	.061	.061	.060	.059	.059
15.5500	.058	.058	.057	.057	.056
15.8000	.056	.056	.055	.055	.054
16.0500	.054	.053	.053	.052	.052
16.3000	.051	.051	.051	.050	.050
16.5500	.049	.049	.048	.048	.048
16.8000	.047	.047	.047	.046	.046
17.0500	.046	.045	.045	.045	.045
17.3000	.044	.044	.044	.043	.043
17.5500	.043	.043	.042	.042	.042
17.8000	.042	.041	.041	.041	.041
18.0500	.040	.040	.040	.040	.040
18.3000	.039	.039	.039	.039	.038
18.5500	.038	.038	.038	.038	.037
18.8000	.037	.037	.037	.037	.036
19.0500	.036	.036	.036	.036	.036
19.3000	.035	.035	.035	.035	.035
19.5500	.035	.035	.034	.034	.034
19.8000	.034	.034	.034	.034	.033
20.0500	.033	.033	.033	.033	.033
20.3000	.033	.033	.032	.032	.032
20.5500	.032	.032	.032	.032	.032
20.8000	.031	.031	.031	.031	.031
21.0500	.031	.031	.031	.031	.031
21.3000	.031	.030	.030	.030	.030
21.5500	.030	.030	.030	.030	.030
21.8000	.030	.030	.029	.029	.029
22.0500	.029	.029	.029	.029	.029
22.3000	.029	.029	.029	.029	.029
22.5500	.029	.028	.028	.028	.028

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
22.8000	.028	.028	.028	.028	.028
23.0500	.028	.028	.028	.028	.027
23.3000	.027	.027	.027	.027	.027
23.5500	.027	.027	.027	.027	.027
23.8000	.027	.027	.026	.026	.026
24.0500	.026	.026	.026	.026	.026
24.3000	.026	.025	.025	.025	.025
24.5500	.025	.024	.024	.024	.024
24.8000	.023	.023	.023	.023	.022
25.0500	.022	.022	.022	.021	.021
25.3000	.021	.021	.020	.020	.020
25.5500	.020	.019	.019	.019	.019
25.8000	.018	.018	.018	.018	.018
26.0500	.017	.017	.017	.017	.016
26.3000	.016	.016	.016	.016	.016
26.5500	.015	.015	.015	.015	.015
26.8000	.014	.014	.014	.014	.014
27.0500	.014	.014	.013	.013	.013
27.3000	.013	.013	.013	.013	.012
27.5500	.012	.012	.012	.012	.012
27.8000	.012	.012	.011	.011	.011
28.0500	.011	.011	.011	.011	.011
28.3000	.011	.010	.010	.010	.010
28.5500	.010	.010	.010	.010	.010
28.8000	.010	.010	.009	.009	.009
29.0500	.009	.009	.009	.009	.009
29.3000	.009	.009	.009	.009	.009
29.5500	.008	.008	.008	.008	.008
29.8000	.008	.008	.008	.008	.008
30.0500	.008	.008	.008	.008	.008
30.3000	.008	.008	.007	.007	.007
30.5500	.007	.007	.007	.007	.007
30.8000	.007	.007	.007	.007	.007
31.0500	.007	.007	.007	.007	.007
31.3000	.007	.007	.007	.007	.007
31.5500	.007	.006	.006	.006	.006
31.8000	.006	.006	.006	.006	.006
32.0500	.006	.006	.006	.006	.006
32.3000	.006	.006	.006	.006	.006
32.5500	.006	.006	.006	.006	.006
32.8000	.006	.006	.006	.005	.005
33.0500	.005	.005	.005	.005	.005
33.3000	.005	.005	.005	.005	.005
33.5500	.005	.005	.005	.005	.005

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
33.8000	.005	.005	.005	.005	.005
34.0500	.005	.005	.005	.005	.005
34.3000	.005	.005	.005	.005	.005
34.5500	.005	.005	.004	.004	.004
34.8000	.004	.004	.004	.004	.004
35.0500	.004	.004	.004	.004	.004
35.3000	.004	.004	.004	.004	.004
35.5500	.004	.004	.004	.004	.004
35.8000	.004	.004	.004	.004	.004
36.0500	.004	.004	.004	.004	.004
36.3000	.004	.004	.004	.004	.004
36.5500	.004	.004	.004	.003	.003
36.8000	.003	.003	.003	.003	.003
37.0500	.003	.003	.003	.003	.003
37.3000	.003	.003	.003	.003	.003
37.5500	.003	.003	.003	.003	.003
37.8000	.003	.003	.003	.003	.003
38.0500	.003	.003	.003	.003	.003
38.3000	.003	.003	.003	.003	.003
38.5500	.003	.003	.003	.003	.003
38.8000	.003	.003	.003	.003	.003
39.0500	.003	.003	.003	.003	.003
39.3000	.003	.003	.003	.003	.002
39.5500	.002	.002	.002	.002	.002
39.8000	.002	.002	.002	.002	.002
40.0500	.002	.002	.002	.002	.002
40.3000	.002	.002	.002	.002	.002
40.5500	.002	.002	.002	.002	.002
40.8000	.002	.002	.002	.002	.002
41.0500	.002	.002	.002		

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11.7500	.000	.000	.001	.004	.011
12.0000	.024	.044	.071	.100	.129
12.2500	.154	.177	.196	.211	.222
12.5000	.228	.231	.231	.228	.224
12.7500	.219	.213	.207	.201	.195
13.0000	.188	.182	.176	.170	.165
13.2500	.160	.155	.150	.146	.142
13.5000	.138	.134	.130	.127	.124
13.7500	.121	.119	.116	.114	.111
14.0000	.109	.107	.105	.103	.101
14.2500	.100	.098	.096	.095	.093
14.5000	.092	.091	.089	.088	.087
14.7500	.086	.085	.084	.083	.082
15.0000	.081	.080	.079	.079	.078
15.2500	.077	.076	.076	.075	.074
15.5000	.074	.073	.072	.072	.071
15.7500	.070	.070	.069	.069	.068
16.0000	.067	.067	.066	.066	.065
16.2500	.064	.064	.063	.063	.062
16.5000	.062	.061	.061	.060	.060
16.7500	.059	.059	.058	.058	.057
17.0000	.057	.057	.056	.056	.055
17.2500	.055	.055	.054	.054	.053
17.5000	.053	.053	.052	.052	.052
17.7500	.051	.051	.051	.050	.050
18.0000	.050	.049	.049	.049	.048
18.2500	.048	.048	.047	.047	.047
18.5000	.046	.046	.046	.046	.045
18.7500	.045	.045	.045	.044	.044
19.0000	.044	.044	.044	.043	.043
19.2500	.043	.043	.043	.042	.042
19.5000	.042	.042	.042	.042	.041
19.7500	.041	.041	.041	.041	.041
20.0000	.041	.040	.040	.040	.040
20.2500	.040	.040	.040	.040	.039
20.5000	.039	.039	.039	.039	.039
20.7500	.039	.039	.038	.038	.038
21.0000	.038	.038	.038	.038	.038
21.2500	.038	.038	.037	.037	.037
21.5000	.037	.037	.037	.037	.037
21.7500	.037	.037	.036	.036	.036
22.0000	.036	.036	.036	.036	.036
22.2500	.036	.036	.036	.035	.035

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
22.5000	.035	.035	.035	.035	.035
22.7500	.035	.035	.035	.035	.034
23.0000	.034	.034	.034	.034	.034
23.2500	.034	.034	.034	.034	.034
23.5000	.033	.033	.033	.033	.033
23.7500	.033	.033	.033	.033	.033
24.0000	.032	.032	.032	.032	.032
24.2500	.032	.032	.031	.031	.031
24.5000	.030	.030	.030	.030	.029
24.7500	.029	.029	.028	.028	.027
25.0000	.027	.027	.026	.026	.026
25.2500	.025	.025	.025	.024	.024
25.5000	.024	.023	.023	.023	.022
25.7500	.022	.022	.021	.021	.021
26.0000	.021	.020	.020	.020	.020
26.2500	.019	.019	.019	.019	.018
26.5000	.018	.018	.018	.017	.017
26.7500	.017	.017	.016	.016	.016
27.0000	.016	.016	.015	.015	.015
27.2500	.015	.015	.015	.014	.014
27.5000	.014	.014	.014	.014	.013
27.7500	.013	.013	.013	.013	.013
28.0000	.013	.012	.012	.012	.012
28.2500	.012	.012	.012	.012	.011
28.5000	.011	.011	.011	.011	.011
28.7500	.011	.011	.011	.010	.010
29.0000	.010	.010	.010	.010	.010
29.2500	.010	.010	.010	.010	.009
29.5000	.009	.009	.009	.009	.009
29.7500	.009	.009	.009	.009	.009
30.0000	.009	.009	.009	.008	.008
30.2500	.008	.008	.008	.008	.008
30.5000	.008	.008	.008	.008	.008
30.7500	.008	.008	.008	.008	.008
31.0000	.007	.007	.007	.007	.007
31.2500	.007	.007	.007	.007	.007
31.5000	.007	.007	.007	.007	.007
31.7500	.007	.007	.007	.007	.007
32.0000	.007	.007	.007	.006	.006
32.2500	.006	.006	.006	.006	.006
32.5000	.006	.006	.006	.006	.006
32.7500	.006	.006	.006	.006	.006
33.0000	.006	.006	.006	.006	.006
33.2500	.006	.006	.006	.006	.006

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
33.5000	.006	.005	.005	.005	.005
33.7500	.005	.005	.005	.005	.005
34.0000	.005	.005	.005	.005	.005
34.2500	.005	.005	.005	.005	.005
34.5000	.005	.005	.005	.005	.005
34.7500	.005	.005	.005	.005	.005
35.0000	.005	.005	.005	.005	.004
35.2500	.004	.004	.004	.004	.004
35.5000	.004	.004	.004	.004	.004
35.7500	.004	.004	.004	.004	.004
36.0000	.004	.004	.004	.004	.004
36.2500	.004	.004	.004	.004	.004
36.5000	.004	.004	.004	.004	.004
36.7500	.004	.004	.004	.004	.004
37.0000	.004	.004	.004	.004	.004
37.2500	.004	.003	.003	.003	.003
37.5000	.003	.003	.003	.003	.003
37.7500	.003	.003	.003	.003	.003
38.0000	.003	.003	.003	.003	.003
38.2500	.003	.003	.003	.003	.003
38.5000	.003	.003	.003	.003	.003
38.7500	.003	.003	.003	.003	.003
39.0000	.003	.003	.003	.003	.003
39.2500	.003	.003	.003	.003	.003
39.5000	.003	.003	.003	.003	.003
39.7500	.003	.003	.003	.003	.003
40.0000	.003	.003	.002	.002	.002
40.2500	.002	.002	.002	.002	.002
40.5000	.002	.002	.002	.002	.002
40.7500	.002	.002	.002	.002	.002
41.0000	.002	.002	.002	.002	.002
41.2500	.002	.002	.002	.002	.002
41.5000	.002	.002	.002	.002	.002

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11.3000	.000	.000	.000	.001	.002
11.5500	.004	.007	.011	.017	.026
11.8000	.036	.050	.067	.086	.110
12.0500	.137	.165	.192	.217	.239
12.3000	.259	.275	.288	.298	.306
12.5500	.311	.314	.312	.307	.300
12.8000	.290	.280	.269	.258	.248
13.0500	.237	.227	.218	.209	.201
13.3000	.193	.186	.179	.173	.167
13.5500	.162	.157	.152	.148	.144
13.8000	.140	.136	.133	.130	.127
14.0500	.124	.122	.119	.117	.115
14.3000	.113	.111	.109	.107	.106
14.5500	.104	.103	.101	.100	.098
14.8000	.097	.096	.095	.094	.093
15.0500	.092	.091	.090	.089	.088
15.3000	.087	.086	.085	.084	.083
15.5500	.083	.082	.081	.080	.080
15.8000	.079	.078	.078	.077	.076
16.0500	.075	.075	.074	.073	.073
16.3000	.072	.072	.071	.070	.070
16.5500	.069	.069	.068	.068	.067
16.8000	.066	.066	.065	.065	.064
17.0500	.064	.064	.063	.063	.062
17.3000	.062	.061	.061	.061	.060
17.5500	.060	.059	.059	.058	.058
17.8000	.058	.057	.057	.056	.056
18.0500	.056	.055	.055	.055	.054
18.3000	.054	.053	.053	.053	.052
18.5500	.052	.052	.052	.051	.051
18.8000	.051	.050	.050	.050	.050
19.0500	.049	.049	.049	.049	.048
19.3000	.048	.048	.048	.048	.047
19.5500	.047	.047	.047	.047	.046
19.8000	.046	.046	.046	.046	.046
20.0500	.045	.045	.045	.045	.045
20.3000	.045	.044	.044	.044	.044
20.5500	.044	.044	.044	.044	.043
20.8000	.043	.043	.043	.043	.043
21.0500	.043	.043	.042	.042	.042
21.3000	.042	.042	.042	.042	.042
21.5500	.041	.041	.041	.041	.041
21.8000	.041	.041	.041	.041	.041

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
22.0500	.040	.040	.040	.040	.040
22.3000	.040	.040	.040	.040	.040
22.5500	.040	.039	.039	.039	.039
22.8000	.039	.039	.039	.039	.039
23.0500	.039	.038	.038	.038	.038
23.3000	.038	.038	.038	.038	.038
23.5500	.038	.038	.037	.037	.037
23.8000	.037	.037	.037	.037	.037
24.0500	.037	.037	.036	.036	.036
24.3000	.036	.035	.035	.035	.034
24.5500	.034	.034	.033	.033	.032
24.8000	.032	.031	.031	.031	.030
25.0500	.030	.029	.029	.029	.028
25.3000	.028	.027	.027	.027	.026
25.5500	.026	.025	.025	.025	.024
25.8000	.024	.024	.023	.023	.023
26.0500	.022	.022	.022	.021	.021
26.3000	.021	.020	.020	.020	.020
26.5500	.019	.019	.019	.019	.018
26.8000	.018	.018	.018	.017	.017
27.0500	.017	.017	.016	.016	.016
27.3000	.016	.016	.015	.015	.015
27.5500	.015	.015	.015	.014	.014
27.8000	.014	.014	.014	.014	.013
28.0500	.013	.013	.013	.013	.013
28.3000	.013	.012	.012	.012	.012
28.5500	.012	.012	.012	.012	.011
28.8000	.011	.011	.011	.011	.011
29.0500	.011	.011	.011	.010	.010
29.3000	.010	.010	.010	.010	.010
29.5500	.010	.010	.010	.010	.009
29.8000	.009	.009	.009	.009	.009
30.0500	.009	.009	.009	.009	.009
30.3000	.009	.009	.009	.008	.008
30.5500	.008	.008	.008	.008	.008
30.8000	.008	.008	.008	.008	.008
31.0500	.008	.008	.008	.008	.008
31.3000	.007	.007	.007	.007	.007
31.5500	.007	.007	.007	.007	.007
31.8000	.007	.007	.007	.007	.007
32.0500	.007	.007	.007	.007	.007
32.3000	.007	.007	.007	.006	.006
32.5500	.006	.006	.006	.006	.006
32.8000	.006	.006	.006	.006	.006

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
33.0500	.006	.006	.006	.006	.006
33.3000	.006	.006	.006	.006	.006
33.5500	.006	.006	.006	.006	.006
33.8000	.006	.005	.005	.005	.005
34.0500	.005	.005	.005	.005	.005
34.3000	.005	.005	.005	.005	.005
34.5500	.005	.005	.005	.005	.005
34.8000	.005	.005	.005	.005	.005
35.0500	.005	.005	.005	.005	.005
35.3000	.005	.005	.005	.005	.004
35.5500	.004	.004	.004	.004	.004
35.8000	.004	.004	.004	.004	.004
36.0500	.004	.004	.004	.004	.004
36.3000	.004	.004	.004	.004	.004
36.5500	.004	.004	.004	.004	.004
36.8000	.004	.004	.004	.004	.004
37.0500	.004	.004	.004	.004	.004
37.3000	.004	.004	.004	.004	.004
37.5500	.004	.003	.003	.003	.003
37.8000	.003	.003	.003	.003	.003
38.0500	.003	.003	.003	.003	.003
38.3000	.003	.003	.003	.003	.003
38.5500	.003	.003	.003	.003	.003
38.8000	.003	.003	.003	.003	.003
39.0500	.003	.003	.003	.003	.003
39.3000	.003	.003	.003	.003	.003
39.5500	.003	.003	.003	.003	.003
39.8000	.003	.003	.003	.003	.003
40.0500	.003	.003	.003	.003	.003
40.3000	.003	.003	.002	.002	.002
40.5500	.002	.002	.002	.002	.002
40.8000	.002	.002	.002	.002	.002
41.0500	.002	.002	.002	.002	.002
41.3000	.002	.002	.002	.002	.002
41.5500	.002	.002	.002	.002	.002
41.8000	.002	.002	.002	.002	.002

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
10.7000	.000	.000	.000	.000	.001
10.9500	.002	.003	.005	.008	.011
11.2000	.015	.020	.025	.030	.036
11.4500	.043	.049	.056	.064	.072
11.7000	.081	.092	.105	.120	.138
11.9500	.158	.180	.204	.227	.251
12.2000	.273	.293	.311	.325	.337
12.4500	.347	.355	.360	.363	.364
12.7000	.363	.359	.352	.343	.331
12.9500	.318	.305	.291	.278	.265
13.2000	.253	.241	.230	.221	.211
13.4500	.203	.195	.188	.181	.175
13.7000	.170	.164	.160	.155	.151
13.9500	.147	.143	.140	.137	.134
14.2000	.131	.128	.126	.124	.121
14.4500	.119	.117	.116	.114	.112
14.7000	.111	.109	.108	.106	.105
14.9500	.104	.103	.101	.100	.099
15.2000	.098	.097	.096	.095	.094
15.4500	.093	.092	.091	.091	.090
15.7000	.089	.088	.087	.086	.085
15.9500	.085	.084	.083	.082	.081
16.2000	.081	.080	.079	.078	.078
16.4500	.077	.076	.076	.075	.075
16.7000	.074	.073	.073	.072	.072
16.9500	.071	.071	.070	.070	.069
17.2000	.069	.068	.068	.067	.067
17.4500	.066	.066	.065	.065	.065
17.7000	.064	.064	.063	.063	.062
17.9500	.062	.062	.061	.061	.060
18.2000	.060	.060	.059	.059	.058
18.4500	.058	.058	.057	.057	.057
18.7000	.056	.056	.056	.055	.055
18.9500	.055	.054	.054	.054	.054
19.2000	.053	.053	.053	.053	.052
19.4500	.052	.052	.052	.052	.051
19.7000	.051	.051	.051	.051	.050
19.9500	.050	.050	.050	.050	.050
20.2000	.049	.049	.049	.049	.049
20.4500	.049	.048	.048	.048	.048
20.7000	.048	.048	.047	.047	.047
20.9500	.047	.047	.047	.047	.046
21.2000	.046	.046	.046	.046	.046

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
21.4500	.046	.046	.045	.045	.045
21.7000	.045	.045	.045	.045	.045
21.9500	.045	.044	.044	.044	.044
22.2000	.044	.044	.044	.044	.044
22.4500	.043	.043	.043	.043	.043
22.7000	.043	.043	.043	.042	.042
22.9500	.042	.042	.042	.042	.042
23.2000	.042	.042	.042	.041	.041
23.4500	.041	.041	.041	.041	.041
23.7000	.041	.041	.040	.040	.040
23.9500	.040	.040	.040	.040	.040
24.2000	.039	.039	.039	.038	.038
24.4500	.038	.037	.037	.036	.036
24.7000	.036	.035	.035	.034	.034
24.9500	.033	.033	.032	.032	.031
25.2000	.031	.030	.030	.029	.029
25.4500	.028	.028	.028	.027	.027
25.7000	.026	.026	.026	.025	.025
25.9500	.024	.024	.024	.023	.023
26.2000	.023	.022	.022	.022	.021
26.4500	.021	.021	.021	.020	.020
26.7000	.020	.019	.019	.019	.019
26.9500	.018	.018	.018	.018	.017
27.2000	.017	.017	.017	.016	.016
27.4500	.016	.016	.016	.015	.015
27.7000	.015	.015	.015	.015	.014
27.9500	.014	.014	.014	.014	.014
28.2000	.013	.013	.013	.013	.013
28.4500	.013	.013	.012	.012	.012
28.7000	.012	.012	.012	.012	.012
28.9500	.011	.011	.011	.011	.011
29.2000	.011	.011	.011	.011	.010
29.4500	.010	.010	.010	.010	.010
29.7000	.010	.010	.010	.010	.010
29.9500	.009	.009	.009	.009	.009
30.2000	.009	.009	.009	.009	.009
30.4500	.009	.009	.009	.009	.008
30.7000	.008	.008	.008	.008	.008
30.9500	.008	.008	.008	.008	.008
31.2000	.008	.008	.008	.008	.008
31.4500	.008	.007	.007	.007	.007
31.7000	.007	.007	.007	.007	.007
31.9500	.007	.007	.007	.007	.007
32.2000	.007	.007	.007	.007	.007

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
32.4500	.007	.007	.007	.007	.006
32.7000	.006	.006	.006	.006	.006
32.9500	.006	.006	.006	.006	.006
33.2000	.006	.006	.006	.006	.006
33.4500	.006	.006	.006	.006	.006
33.7000	.006	.006	.006	.006	.006
33.9500	.006	.006	.005	.005	.005
34.2000	.005	.005	.005	.005	.005
34.4500	.005	.005	.005	.005	.005
34.7000	.005	.005	.005	.005	.005
34.9500	.005	.005	.005	.005	.005
35.2000	.005	.005	.005	.005	.005
35.4500	.005	.005	.005	.005	.005
35.7000	.004	.004	.004	.004	.004
35.9500	.004	.004	.004	.004	.004
36.2000	.004	.004	.004	.004	.004
36.4500	.004	.004	.004	.004	.004
36.7000	.004	.004	.004	.004	.004
36.9500	.004	.004	.004	.004	.004
37.2000	.004	.004	.004	.004	.004
37.4500	.004	.004	.004	.004	.004
37.7000	.004	.004	.003	.003	.003
37.9500	.003	.003	.003	.003	.003
38.2000	.003	.003	.003	.003	.003
38.4500	.003	.003	.003	.003	.003
38.7000	.003	.003	.003	.003	.003
38.9500	.003	.003	.003	.003	.003
39.2000	.003	.003	.003	.003	.003
39.4500	.003	.003	.003	.003	.003
39.7000	.003	.003	.003	.003	.003
39.9500	.003	.003	.003	.003	.003
40.2000	.003	.003	.003	.003	.003
40.4500	.003	.003	.003	.002	.002
40.7000	.002	.002	.002	.002	.002
40.9500	.002	.002	.002	.002	.002
41.2000	.002	.002	.002	.002	.002
41.4500	.002	.002	.002	.002	.002
41.7000	.002	.002	.002	.002	.002
41.9500	.002	.002	.002	.002	.002
42.2000	.002				

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
10.0500	.000	.000	.000	.000	.001
10.3000	.002	.003	.005	.007	.010
10.5500	.014	.018	.022	.027	.032
10.8000	.037	.042	.047	.053	.058
11.0500	.063	.068	.074	.079	.084
11.3000	.089	.094	.099	.104	.109
11.5500	.115	.121	.127	.135	.145
11.8000	.158	.173	.190	.209	.228
12.0500	.249	.272	.294	.316	.335
12.3000	.353	.368	.382	.393	.402
12.5500	.409	.414	.416	.417	.415
12.8000	.412	.407	.400	.390	.378
13.0500	.365	.349	.333	.317	.301
13.3000	.286	.272	.259	.247	.236
13.5500	.226	.217	.208	.200	.193
13.8000	.187	.180	.175	.170	.165
14.0500	.160	.156	.152	.149	.145
14.3000	.142	.139	.137	.134	.132
14.5500	.129	.127	.125	.123	.122
14.8000	.120	.118	.117	.115	.114
15.0500	.113	.111	.110	.109	.108
15.3000	.107	.105	.104	.103	.102
15.5500	.101	.100	.099	.098	.097
15.8000	.097	.096	.095	.094	.093
16.0500	.092	.091	.090	.089	.088
16.3000	.087	.087	.086	.085	.084
16.5500	.083	.083	.082	.081	.081
16.8000	.080	.079	.079	.078	.078
17.0500	.077	.076	.076	.075	.075
17.3000	.074	.074	.073	.073	.072
17.5500	.072	.071	.071	.070	.070
17.8000	.070	.069	.069	.068	.068
18.0500	.067	.067	.066	.066	.065
18.3000	.065	.065	.064	.064	.063
18.5500	.063	.063	.062	.062	.062
18.8000	.061	.061	.061	.060	.060
19.0500	.060	.059	.059	.059	.059
19.3000	.058	.058	.058	.058	.057
19.5500	.057	.057	.057	.056	.056
19.8000	.056	.056	.056	.055	.055
20.0500	.055	.055	.055	.054	.054
20.3000	.054	.054	.054	.053	.053
20.5500	.053	.053	.053	.053	.052

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
20.8000	.052	.052	.052	.052	.052
21.0500	.052	.051	.051	.051	.051
21.3000	.051	.051	.051	.050	.050
21.5500	.050	.050	.050	.050	.050
21.8000	.049	.049	.049	.049	.049
22.0500	.049	.049	.049	.048	.048
22.3000	.048	.048	.048	.048	.048
22.5500	.047	.047	.047	.047	.047
22.8000	.047	.047	.047	.046	.046
23.0500	.046	.046	.046	.046	.046
23.3000	.046	.045	.045	.045	.045
23.5500	.045	.045	.045	.045	.044
23.8000	.044	.044	.044	.044	.044
24.0500	.044	.043	.043	.043	.043
24.3000	.042	.042	.041	.041	.040
24.5500	.040	.039	.039	.038	.038
24.8000	.037	.037	.036	.036	.035
25.0500	.035	.034	.033	.033	.032
25.3000	.032	.031	.031	.030	.030
25.5500	.029	.029	.028	.028	.028
25.8000	.027	.027	.026	.026	.025
26.0500	.025	.025	.024	.024	.024
26.3000	.023	.023	.023	.022	.022
26.5500	.022	.021	.021	.021	.020
26.8000	.020	.020	.019	.019	.019
27.0500	.019	.018	.018	.018	.018
27.3000	.017	.017	.017	.017	.017
27.5500	.016	.016	.016	.016	.015
27.8000	.015	.015	.015	.015	.015
28.0500	.014	.014	.014	.014	.014
28.3000	.014	.013	.013	.013	.013
28.5500	.013	.013	.013	.012	.012
28.8000	.012	.012	.012	.012	.012
29.0500	.012	.011	.011	.011	.011
29.3000	.011	.011	.011	.011	.011
29.5500	.010	.010	.010	.010	.010
29.8000	.010	.010	.010	.010	.010
30.0500	.010	.009	.009	.009	.009
30.3000	.009	.009	.009	.009	.009
30.5500	.009	.009	.009	.009	.009
30.8000	.008	.008	.008	.008	.008
31.0500	.008	.008	.008	.008	.008
31.3000	.008	.008	.008	.008	.008
31.5500	.008	.008	.007	.007	.007

TIME vs. VOLUME (ac-ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
31.8000	.007	.007	.007	.007	.007
32.0500	.007	.007	.007	.007	.007
32.3000	.007	.007	.007	.007	.007
32.5500	.007	.007	.007	.007	.007
32.8000	.006	.006	.006	.006	.006
33.0500	.006	.006	.006	.006	.006
33.3000	.006	.006	.006	.006	.006
33.5500	.006	.006	.006	.006	.006
33.8000	.006	.006	.006	.006	.006
34.0500	.006	.006	.006	.005	.005
34.3000	.005	.005	.005	.005	.005
34.5500	.005	.005	.005	.005	.005
34.8000	.005	.005	.005	.005	.005
35.0500	.005	.005	.005	.005	.005
35.3000	.005	.005	.005	.005	.005
35.5500	.005	.005	.005	.005	.005
35.8000	.005	.004	.004	.004	.004
36.0500	.004	.004	.004	.004	.004
36.3000	.004	.004	.004	.004	.004
36.5500	.004	.004	.004	.004	.004
36.8000	.004	.004	.004	.004	.004
37.0500	.004	.004	.004	.004	.004
37.3000	.004	.004	.004	.004	.004
37.5500	.004	.004	.004	.004	.004
37.8000	.004	.004	.004	.003	.003
38.0500	.003	.003	.003	.003	.003
38.3000	.003	.003	.003	.003	.003
38.5500	.003	.003	.003	.003	.003
38.8000	.003	.003	.003	.003	.003
39.0500	.003	.003	.003	.003	.003
39.3000	.003	.003	.003	.003	.003
39.5500	.003	.003	.003	.003	.003
39.8000	.003	.003	.003	.003	.003
40.0500	.003	.003	.003	.003	.003
40.3000	.003	.003	.003	.003	.003
40.5500	.003	.003	.003	.003	.002
40.8000	.002	.002	.002	.002	.002
41.0500	.002	.002	.002	.002	.002
41.3000	.002	.002	.002	.002	.002
41.5500	.002	.002	.002	.002	.002
41.8000	.002	.002	.002	.002	.002
42.0500	.002	.002	.002	.002	.002
42.3000	.002	.002			

Elevation (ft)	Planimeter (sq.in)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ac-ft)	Volume Sum (ac-ft)
394.83	-----	.0768	.0000	.000	.000
395.50	-----	.0768	.2303	.051	.051
395.50	-----	.0384	.1694	.000	.051
398.00	-----	.0384	.1151	.096	.147
398.00	-----	.1919	.3161	.000	.147
399.00	-----	.2287	.6301	.210	.357
399.50	-----	.2660	.7414	.124	.481
400.00	-----	.3040	.8544	.142	.623
400.50	-----	.3425	.9691	.162	.785
400.75	-----	.3425	1.0274	.086	.870

Elevation (ft)	Planimeter (sq.in)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ac-ft)	Volume Sum (ac-ft)
395.33	-----	.0561	.0000	.000	.000
396.00	-----	.0561	.1682	.037	.037
396.00	-----	.0280	.1238	.000	.037
398.50	-----	.0280	.0841	.070	.107
398.50	-----	.1402	.2310	.000	.107
399.00	-----	.1547	.4421	.074	.181
399.50	-----	.1697	.4864	.081	.262
400.00	-----	.1853	.5324	.089	.351
400.50	-----	.2015	.5801	.097	.448
401.00	-----	.2015	.6046	.101	.548

Elevation (ft)	Planimeter (sq.in)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ac-ft)	Volume Sum (ac-ft)
395.25	-----	.1375	.0000	.000	.000
396.00	-----	.1917	.4915	.123	.123
398.00	-----	.2511	.6621	.441	.564
400.00	-----	.3178	.8513	.568	1.132
400.50	-----	.3347	.9786	.163	1.295
401.00	-----	.3347	1.0041	.167	1.462

REQUESTED POND WS ELEVATIONS:

Min. Elev.= 394.83 ft
Increment = .05 ft
Max. Elev.= 400.75 ft

****
OUTLET CONNECTIVITY
****

---> Forward Flow Only (UpStream to DnStream)
<--- Reverse Flow Only (DnStream to UpStream)
<---> Forward and Reverse Both Allowed

Structure	No.		Outfall	E1, ft	E2, ft
Stand Pipe	R0	--->	TW	398.333	400.750
TW SETUP, DS Channel					

OUTLET STRUCTURE INPUT DATA

Structure ID = R0
Structure Type = Stand Pipe

# of Openings = 1
Invert Elev. = 398.33 ft
Diameter = 1.2500 ft
Orifice Area = 1.2272 sq.ft
Orifice Coeff. = .600
Weir Length = 3.93 ft
Weir Coeff. = 3.200
K, Reverse = 1.000
Mannings n = .0000
Kev,Charged Riser = .000
Weir Submergence = No
Orifice H to crest= Yes

Structure ID = TW
Structure Type = TW SETUP, DS Channel

FREE OUTFALL CONDITIONS SPECIFIED

CONVERGENCE TOLERANCES...
Maximum Iterations= 40
Min. TW tolerance = .01 ft
Max. TW tolerance = .01 ft
Min. HW tolerance = .01 ft
Max. HW tolerance = .01 ft
Min. Q tolerance = .00 cfs
Max. Q tolerance = .00 cfs

REQUESTED POND WS ELEVATIONS:

Min. Elev.= 395.33 ft
Increment = .05 ft
Max. Elev.= 401.00 ft

****
OUTLET CONNECTIVITY
****

---> Forward Flow Only (UpStream to DnStream)
<--- Reverse Flow Only (DnStream to UpStream)
<---> Forward and Reverse Both Allowed

Structure	No.		Outfall	E1, ft	E2, ft
Stand Pipe	R0	--->	TW	398.833	401.000
TW SETUP, DS Channel					

OUTLET STRUCTURE INPUT DATA

Structure ID = R0
Structure Type = Stand Pipe

# of Openings = 1
Invert Elev. = 398.83 ft
Diameter = 1.2500 ft
Orifice Area = 1.2272 sq.ft
Orifice Coeff. = .600
Weir Length = 3.93 ft
Weir Coeff. = 3.200
K, Reverse = 1.000
Mannings n = .0000
Kev,Charged Riser = .000
Weir Submergence = No
Orifice H to crest= Yes

Structure ID = TW
Structure Type = TW SETUP, DS Channel

FREE OUTFALL CONDITIONS SPECIFIED

CONVERGENCE TOLERANCES...
Maximum Iterations= 40
Min. TW tolerance = .01 ft
Max. TW tolerance = .01 ft
Min. HW tolerance = .01 ft
Max. HW tolerance = .01 ft
Min. Q tolerance = .00 cfs
Max. Q tolerance = .00 cfs

REQUESTED POND WS ELEVATIONS:

Min. Elev.= 395.25 ft
Increment = .05 ft
Max. Elev.= 401.00 ft

****
OUTLET CONNECTIVITY
****

---> Forward Flow Only (UpStream to DnStream)
<--- Reverse Flow Only (DnStream to UpStream)
<---> Forward and Reverse Both Allowed

Structure	No.		Outfall	E1, ft	E2, ft
Culvert-Circular	C0	--->	TW	395.250	401.000
TW SETUP, DS Channel					

OUTLET STRUCTURE INPUT DATA

Structure ID = C0
Structure Type = Culvert-Circular

No. Barrels	=	1
Barrel Diameter	=	1.5000 ft
Upstream Invert	=	395.25 ft
Dnstream Invert	=	390.70 ft
Horiz. Length	=	480.00 ft
Barrel Length	=	480.02 ft
Barrel Slope	=	.00948 ft/ft

OUTLET CONTROL DATA...

Mannings n	=	.0110	
Ke	=	.2000	(forward entrance loss)
Kb	=	.013040	(per ft of full flow)
Kr	=	.2000	(reverse entrance loss)
HW Convergence	=	.001	+/- ft

INLET CONTROL DATA...

Equation form	=	1
Inlet Control K	=	.0018
Inlet Control M	=	2.5000
Inlet Control c	=	.03000
Inlet Control Y	=	.7400
T1 ratio (HW/D)	=	1.077
T2 ratio (HW/D)	=	1.215
Slope Factor	=	-.500

Use unsubmerged inlet control Form 1 equ. below T1 elev.
Use submerged inlet control Form 1 equ. above T2 elev.

In transition zone between unsubmerged and submerged inlet control,
interpolate between flows at T1 & T2...
At T1 Elev = 396.87 ft ---> Flow = 7.58 cfs
At T2 Elev = 397.07 ft ---> Flow = 8.66 cfs

OUTLET STRUCTURE INPUT DATA

Structure ID = TW
Structure Type = TW SETUP, DS Channel

FREE OUTFALL CONDITIONS SPECIFIED

CONVERGENCE TOLERANCES...
Maximum Iterations= 40
Min. TW tolerance = .01 ft
Max. TW tolerance = .01 ft
Min. HW tolerance = .01 ft
Max. HW tolerance = .01 ft
Min. Q tolerance = .00 cfs
Max. Q tolerance = .00 cfs

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 1
Outflow HYG file = NONE STORED - BR-N OUT 1

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 394.83 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
394.83	.00	.000	.0768	.00	.00	.00
394.88	.00	.004	.0768	.00	.00	1.86
394.93	.00	.008	.0768	.00	.00	3.72
394.98	.00	.012	.0768	.00	.00	5.57
395.03	.00	.015	.0768	.00	.00	7.43
395.08	.00	.019	.0768	.00	.00	9.29
395.13	.00	.023	.0768	.00	.00	11.15
395.18	.00	.027	.0768	.00	.00	13.00
395.23	.00	.031	.0768	.00	.00	14.86
395.28	.00	.035	.0768	.00	.00	16.72
395.33	.00	.038	.0768	.00	.00	18.58
395.38	.00	.042	.0768	.00	.00	20.43
395.43	.00	.046	.0768	.00	.00	22.29
395.48	.00	.050	.0768	.00	.00	24.15
395.53	.00	.052	.0384	.00	.00	25.39
395.58	.00	.054	.0384	.00	.00	26.31
395.63	.00	.056	.0384	.00	.00	27.24
395.68	.00	.058	.0384	.00	.00	28.17
395.73	.00	.060	.0384	.00	.00	29.10
395.78	.00	.062	.0384	.00	.00	30.03

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 1
Outflow HYG file = NONE STORED - BR-N OUT 1

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 394.83 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
395.83	.00	.064	.0384	.00	.00	30.96
395.88	.00	.066	.0384	.00	.00	31.89
395.93	.00	.068	.0384	.00	.00	32.82
395.98	.00	.070	.0384	.00	.00	33.75
396.03	.00	.072	.0384	.00	.00	34.67
396.08	.00	.074	.0384	.00	.00	35.60
396.13	.00	.075	.0384	.00	.00	36.53
396.18	.00	.077	.0384	.00	.00	37.46
396.23	.00	.079	.0384	.00	.00	38.39
396.28	.00	.081	.0384	.00	.00	39.32
396.33	.00	.083	.0384	.00	.00	40.25
396.38	.00	.085	.0384	.00	.00	41.18
396.43	.00	.087	.0384	.00	.00	42.10
396.48	.00	.089	.0384	.00	.00	43.03
396.53	.00	.091	.0384	.00	.00	43.96
396.58	.00	.093	.0384	.00	.00	44.89
396.63	.00	.095	.0384	.00	.00	45.82
396.68	.00	.097	.0384	.00	.00	46.75
396.73	.00	.099	.0384	.00	.00	47.68
396.78	.00	.100	.0384	.00	.00	48.61

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 1
Outflow HYG file = NONE STORED - BR-N OUT 1

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 394.83 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
396.83	.00	.102	.0384	.00	.00	49.53
396.88	.00	.104	.0384	.00	.00	50.46
396.93	.00	.106	.0384	.00	.00	51.39
396.98	.00	.108	.0384	.00	.00	52.32
397.03	.00	.110	.0384	.00	.00	53.25
397.08	.00	.112	.0384	.00	.00	54.18
397.13	.00	.114	.0384	.00	.00	55.11
397.18	.00	.116	.0384	.00	.00	56.04
397.23	.00	.118	.0384	.00	.00	56.96
397.28	.00	.120	.0384	.00	.00	57.89
397.33	.00	.122	.0384	.00	.00	58.82
397.38	.00	.123	.0384	.00	.00	59.75
397.43	.00	.125	.0384	.00	.00	60.68
397.48	.00	.127	.0384	.00	.00	61.61
397.53	.00	.129	.0384	.00	.00	62.54
397.58	.00	.131	.0384	.00	.00	63.47
397.63	.00	.133	.0384	.00	.00	64.40
397.68	.00	.135	.0384	.00	.00	65.32
397.73	.00	.137	.0384	.00	.00	66.25
397.78	.00	.139	.0384	.00	.00	67.18

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 1
Outflow HYG file = NONE STORED - BR-N OUT 1

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 394.83 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
397.83	.00	.141	.0384	.00	.00	68.11
397.88	.00	.143	.0384	.00	.00	69.04
397.93	.00	.145	.0384	.00	.00	69.97
397.98	.00	.146	.0384	.00	.00	70.90
398.03	.00	.154	.1931	.00	.00	74.32
398.08	.00	.163	.1948	.00	.00	79.01
398.13	.00	.173	.1966	.00	.00	83.75
398.18	.00	.183	.1984	.00	.00	88.53
398.23	.00	.193	.2002	.00	.00	93.35
398.28	.00	.203	.2020	.00	.00	98.22
398.33	.00	.213	.2038	.00	.00	103.12
398.38	.14	.223	.2056	.00	.14	108.22
398.43	.40	.234	.2074	.00	.40	113.48
398.48	.73	.244	.2093	.00	.73	118.85
398.53	1.12	.255	.2111	.00	1.12	124.33
398.58	1.57	.265	.2130	.00	1.57	129.91
398.63	2.07	.276	.2148	.00	2.07	135.58
398.68	2.60	.287	.2167	.00	2.60	141.34
398.73	3.18	.298	.2186	.00	3.18	147.18
398.78	3.79	.309	.2204	.00	3.79	153.11

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 1
Outflow HYG file = NONE STORED - BR-N OUT 1

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 394.83 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
398.83	4.18	.320	.2223	.00	4.18	158.85
398.88	4.38	.331	.2242	.00	4.38	164.45
398.93	4.58	.342	.2261	.00	4.58	170.10
398.98	4.76	.353	.2280	.00	4.76	175.78
399.03	4.94	.365	.2311	.00	4.94	181.51
399.08	5.12	.376	.2347	.00	5.12	187.32
399.13	5.28	.388	.2384	.00	5.28	193.21
399.18	5.45	.400	.2420	.00	5.45	199.19
399.23	5.60	.412	.2458	.00	5.60	205.25
399.28	5.76	.425	.2495	.00	5.76	211.40
399.33	5.91	.437	.2533	.00	5.91	217.63
399.38	6.05	.450	.2571	.00	6.05	223.95
399.43	6.19	.463	.2609	.00	6.19	230.36
399.48	6.33	.476	.2647	.00	6.33	236.86
399.53	6.47	.490	.2685	.00	6.47	243.45
399.58	6.60	.503	.2722	.00	6.60	250.12
399.63	6.73	.517	.2759	.00	6.73	256.88
399.68	6.86	.531	.2796	.00	6.86	263.74
399.73	6.99	.545	.2834	.00	6.99	270.67
399.78	7.11	.559	.2872	.00	7.11	277.70

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 1
Outflow HYG file = NONE STORED - BR-N OUT 1

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 394.83 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
399.83	7.23	.574	.2910	.00	7.23	284.82
399.88	7.35	.588	.2949	.00	7.35	292.03
399.93	7.47	.603	.2988	.00	7.47	299.33
399.98	7.59	.618	.3027	.00	7.59	306.72
400.03	7.70	.633	.3065	.00	7.70	314.21
400.08	7.81	.649	.3102	.00	7.81	321.78
400.13	7.92	.664	.3140	.00	7.92	329.45
400.18	8.03	.680	.3178	.00	8.03	337.20
400.23	8.14	.696	.3217	.00	8.14	345.05
400.28	8.25	.712	.3255	.00	8.25	352.99
400.33	8.35	.729	.3294	.00	8.35	361.01
400.38	8.46	.745	.3333	.00	8.46	369.13
400.43	8.56	.762	.3372	.00	8.56	377.35
400.48	8.66	.779	.3412	.00	8.66	385.66
400.53	8.76	.796	.3425	.00	8.76	394.05
400.58	8.86	.813	.3425	.00	8.86	402.43
400.63	8.96	.830	.3425	.00	8.96	410.81
400.68	9.05	.847	.3425	.00	9.05	419.20
400.73	9.15	.865	.3425	.00	9.15	427.58
400.75	9.18	.870	.3425	.00	9.18	430.38

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 1
Outflow HYG file = NONE STORED - BR-N OUT 1

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	394.83 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 1
Outflow HYG file = NONE STORED - BR-N OUT 1

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	394.83 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	4.01 cfs	at	12.1000 hrs
Peak Outflow	=	.46 cfs	at	12.8000 hrs
Peak Elevation	=	398.44 ft		
Peak Storage	=	.236 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.359
- Infiltration	=	.000
- HYG Vol OUT	=	.146
- Retained Vol	=	.213
Unrouted Vol	=	-.000 ac-ft (.001% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-N OUT
HYG Tag = 1

Peak Discharge = .46 cfs
Time to Peak = 12.8000 hrs
HYG Volume = .146 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
2.4000	.00	.00	.00	.00	.00
2.6500	.00	.00	.00	.00	.00
2.9000	.00	.00	.00	.00	.00
3.1500	.00	.00	.00	.00	.00
3.4000	.00	.00	.00	.00	.00
3.6500	.00	.00	.00	.00	.00
3.9000	.00	.00	.00	.00	.00
4.1500	.00	.00	.00	.00	.00
4.4000	.00	.00	.00	.00	.00
4.6500	.00	.00	.00	.00	.00
4.9000	.00	.00	.00	.00	.00
5.1500	.00	.00	.00	.00	.00
5.4000	.00	.00	.00	.00	.00
5.6500	.00	.00	.00	.00	.00
5.9000	.00	.00	.00	.00	.00
6.1500	.00	.00	.00	.00	.00
6.4000	.00	.00	.00	.00	.00
6.6500	.00	.00	.00	.00	.00
6.9000	.00	.00	.00	.00	.00
7.1500	.00	.00	.00	.00	.00
7.4000	.00	.00	.00	.00	.00
7.6500	.00	.00	.00	.00	.00
7.9000	.00	.00	.00	.00	.00
8.1500	.00	.00	.00	.00	.00
8.4000	.00	.00	.00	.00	.00
8.6500	.00	.00	.00	.00	.00
8.9000	.00	.00	.00	.00	.00
9.1500	.00	.00	.00	.00	.00
9.4000	.00	.00	.00	.00	.00
9.6500	.00	.00	.00	.00	.00
9.9000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.1500	.00	.00	.00	.00	.00
10.4000	.00	.00	.00	.00	.00
10.6500	.00	.00	.00	.00	.00
10.9000	.00	.00	.00	.00	.00
11.1500	.00	.00	.00	.00	.00
11.4000	.00	.00	.00	.00	.00
11.6500	.00	.00	.00	.00	.00
11.9000	.00	.00	.00	.00	.00
12.1500	.00	.00	.00	.00	.09
12.4000	.18	.27	.34	.39	.42
12.6500	.44	.45	.46	.46	.46
12.9000	.46	.45	.45	.44	.43
13.1500	.42	.41	.40	.39	.39
13.4000	.38	.37	.37	.36	.35
13.6500	.35	.34	.34	.33	.32
13.9000	.32	.31	.31	.30	.29
14.1500	.29	.28	.28	.27	.27
14.4000	.26	.26	.25	.25	.25
14.6500	.24	.24	.24	.23	.23
14.9000	.23	.22	.22	.22	.21
15.1500	.21	.21	.20	.20	.20
15.4000	.19	.19	.19	.18	.18
15.6500	.18	.18	.17	.17	.17
15.9000	.16	.16	.16	.16	.15
16.1500	.15	.15	.15	.14	.14
16.4000	.14	.14	.14	.14	.13
16.6500	.13	.13	.13	.13	.13
16.9000	.13	.13	.13	.12	.12
17.1500	.12	.12	.12	.12	.12
17.4000	.12	.11	.11	.11	.11
17.6500	.11	.11	.11	.11	.10
17.9000	.10	.10	.10	.10	.10
18.1500	.10	.10	.10	.09	.09
18.4000	.09	.09	.09	.09	.09
18.6500	.09	.09	.09	.09	.09
18.9000	.08	.08	.08	.08	.08
19.1500	.08	.08	.08	.08	.08
19.4000	.08	.08	.08	.08	.08
19.6500	.08	.08	.07	.07	.07
19.9000	.07	.07	.07	.07	.07
20.1500	.07	.07	.07	.07	.07
20.4000	.07	.07	.07	.07	.07
20.6500	.07	.07	.07	.07	.07
20.9000	.07	.06	.06	.06	.06
21.1500	.06	.06	.06	.06	.06

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
21.4000	.06	.06	.06	.06	.06
21.6500	.06	.06	.06	.06	.06
21.9000	.06	.06	.06	.06	.06
22.1500	.06	.06	.06	.06	.06
22.4000	.06	.06	.06	.06	.05
22.6500	.05	.05	.05	.05	.05
22.9000	.05	.05	.05	.05	.05
23.1500	.05	.05	.05	.05	.05
23.4000	.05	.05	.05	.05	.05
23.6500	.05	.05	.05	.05	.05
23.9000	.05	.05	.05	.05	.04
24.1500	.04	.04	.04	.04	.03
24.4000	.03	.03	.03	.03	.03
24.6500	.02	.02	.02	.02	.02
24.9000	.02	.02	.02	.02	.01
25.1500	.01	.01	.01	.01	.01
25.4000	.01	.01	.01	.01	.01
25.6500	.01	.01	.01	.01	.01
25.9000	.01	.01	.01	.00	.00
26.1500	.00	.00	.00	.00	.00
26.4000	.00	.00	.00		

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 2
Outflow HYG file = NONE STORED - BR-N OUT 2

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	394.83 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	4.97 cfs	at	12.1000 hrs
Peak Outflow	=	1.45 cfs	at	12.4000 hrs
Peak Elevation	=	398.57 ft		
Peak Storage	=	.262 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.451
- Infiltration	=	.000
- HYG Vol OUT	=	.237
- Retained Vol	=	.213
Unrouted Vol	=	.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-N OUT
HYG Tag = 2

Peak Discharge = 1.44 cfs
Time to Peak = 12.4000 hrs
HYG Volume = .237 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
1.9500	.00	.00	.00	.00	.00
2.2000	.00	.00	.00	.00	.00
2.4500	.00	.00	.00	.00	.00
2.7000	.00	.00	.00	.00	.00
2.9500	.00	.00	.00	.00	.00
3.2000	.00	.00	.00	.00	.00
3.4500	.00	.00	.00	.00	.00
3.7000	.00	.00	.00	.00	.00
3.9500	.00	.00	.00	.00	.00
4.2000	.00	.00	.00	.00	.00
4.4500	.00	.00	.00	.00	.00
4.7000	.00	.00	.00	.00	.00
4.9500	.00	.00	.00	.00	.00
5.2000	.00	.00	.00	.00	.00
5.4500	.00	.00	.00	.00	.00
5.7000	.00	.00	.00	.00	.00
5.9500	.00	.00	.00	.00	.00
6.2000	.00	.00	.00	.00	.00
6.4500	.00	.00	.00	.00	.00
6.7000	.00	.00	.00	.00	.00
6.9500	.00	.00	.00	.00	.00
7.2000	.00	.00	.00	.00	.00
7.4500	.00	.00	.00	.00	.00
7.7000	.00	.00	.00	.00	.00
7.9500	.00	.00	.00	.00	.00
8.2000	.00	.00	.00	.00	.00
8.4500	.00	.00	.00	.00	.00
8.7000	.00	.00	.00	.00	.00
8.9500	.00	.00	.00	.00	.00
9.2000	.00	.00	.00	.00	.00
9.4500	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
9.7000	.00	.00	.00	.00	.00
9.9500	.00	.00	.00	.00	.00
10.2000	.00	.00	.00	.00	.00
10.4500	.00	.00	.00	.00	.00
10.7000	.00	.00	.00	.00	.00
10.9500	.00	.00	.00	.00	.00
11.2000	.00	.00	.00	.00	.00
11.4500	.00	.00	.00	.00	.00
11.7000	.00	.00	.00	.00	.00
11.9500	.00	.00	.00	.06	.43
12.2000	.83	1.09	1.28	1.39	1.44
12.4500	1.45	1.41	1.34	1.25	1.16
12.7000	1.09	1.02	.96	.90	.85
12.9500	.80	.76	.72	.68	.65
13.2000	.62	.60	.58	.55	.53
13.4500	.52	.50	.48	.47	.45
13.7000	.44	.43	.42	.41	.40
13.9500	.39	.38	.37	.37	.36
14.2000	.35	.34	.34	.33	.33
14.4500	.32	.32	.31	.31	.30
14.7000	.30	.29	.29	.28	.28
14.9500	.27	.27	.27	.26	.26
15.2000	.25	.25	.25	.24	.24
15.4500	.24	.23	.23	.22	.22
15.7000	.22	.21	.21	.21	.20
15.9500	.20	.20	.19	.19	.19
16.2000	.18	.18	.18	.17	.17
16.4500	.17	.17	.16	.16	.16
16.7000	.16	.16	.15	.15	.15
16.9500	.15	.15	.14	.14	.14
17.2000	.14	.14	.14	.14	.14
17.4500	.13	.13	.13	.13	.13
17.7000	.13	.13	.13	.12	.12
17.9500	.12	.12	.12	.12	.12
18.2000	.12	.11	.11	.11	.11
18.4500	.11	.11	.11	.11	.11
18.7000	.11	.11	.10	.10	.10
18.9500	.10	.10	.10	.10	.10
19.2000	.10	.10	.10	.10	.10
19.4500	.10	.09	.09	.09	.09
19.7000	.09	.09	.09	.09	.09
19.9500	.09	.09	.09	.09	.09
20.2000	.09	.09	.09	.08	.08
20.4500	.08	.08	.08	.08	.08
20.7000	.08	.08	.08	.08	.08

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.9500	.08	.08	.08	.08	.08
21.2000	.08	.08	.08	.08	.08
21.4500	.08	.08	.07	.07	.07
21.7000	.07	.07	.07	.07	.07
21.9500	.07	.07	.07	.07	.07
22.2000	.07	.07	.07	.07	.07
22.4500	.07	.07	.07	.07	.07
22.7000	.07	.07	.07	.07	.07
22.9500	.06	.06	.06	.06	.06
23.2000	.06	.06	.06	.06	.06
23.4500	.06	.06	.06	.06	.06
23.7000	.06	.06	.06	.06	.06
23.9500	.06	.06	.06	.05	.05
24.2000	.05	.05	.04	.04	.04
24.4500	.04	.04	.03	.03	.03
24.7000	.03	.03	.02	.02	.02
24.9500	.02	.02	.02	.02	.02
25.2000	.02	.01	.01	.01	.01
25.4500	.01	.01	.01	.01	.01
25.7000	.01	.01	.01	.01	.01
25.9500	.01	.01	.01	.01	.01
26.2000	.01	.00	.00	.00	.00
26.4500	.00	.00	.00	.00	.00
26.7000	.00				

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 10
Outflow HYG file = NONE STORED - BR-N OUT 10

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	394.83 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	7.58 cfs	at	12.1000 hrs
Peak Outflow	=	4.32 cfs	at	12.2000 hrs
Peak Elevation	=	398.87 ft		
Peak Storage	=	.327 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.704
- Infiltration	=	.000
- HYG Vol OUT	=	.491
- Retained Vol	=	.213
Unrouted Vol	=	-.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-N OUT
HYG Tag = 10

Peak Discharge = 4.32 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .491 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
1.3000	.00	.00	.00	.00	.00
1.5500	.00	.00	.00	.00	.00
1.8000	.00	.00	.00	.00	.00
2.0500	.00	.00	.00	.00	.00
2.3000	.00	.00	.00	.00	.00
2.5500	.00	.00	.00	.00	.00
2.8000	.00	.00	.00	.00	.00
3.0500	.00	.00	.00	.00	.00
3.3000	.00	.00	.00	.00	.00
3.5500	.00	.00	.00	.00	.00
3.8000	.00	.00	.00	.00	.00
4.0500	.00	.00	.00	.00	.00
4.3000	.00	.00	.00	.00	.00
4.5500	.00	.00	.00	.00	.00
4.8000	.00	.00	.00	.00	.00
5.0500	.00	.00	.00	.00	.00
5.3000	.00	.00	.00	.00	.00
5.5500	.00	.00	.00	.00	.00
5.8000	.00	.00	.00	.00	.00
6.0500	.00	.00	.00	.00	.00
6.3000	.00	.00	.00	.00	.00
6.5500	.00	.00	.00	.00	.00
6.8000	.00	.00	.00	.00	.00
7.0500	.00	.00	.00	.00	.00
7.3000	.00	.00	.00	.00	.00
7.5500	.00	.00	.00	.00	.00
7.8000	.00	.00	.00	.00	.00
8.0500	.00	.00	.00	.00	.00
8.3000	.00	.00	.00	.00	.00
8.5500	.00	.00	.00	.00	.00
8.8000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
9.0500	.00	.00	.00	.00	.00
9.3000	.00	.00	.00	.00	.00
9.5500	.00	.00	.00	.00	.00
9.8000	.00	.00	.00	.00	.00
10.0500	.00	.00	.00	.00	.00
10.3000	.00	.00	.00	.00	.00
10.5500	.00	.00	.00	.00	.00
10.8000	.00	.00	.00	.00	.00
11.0500	.00	.00	.00	.00	.00
11.3000	.00	.00	.00	.00	.00
11.5500	.00	.00	.00	.00	.00
11.8000	.06	.30	.67	1.22	2.04
12.0500	3.03	3.90	4.24	4.32	4.30
12.3000	4.24	4.13	3.93	3.65	3.27
12.5500	2.91	2.58	2.30	2.06	1.86
12.8000	1.70	1.55	1.44	1.33	1.24
13.0500	1.15	1.08	1.02	.97	.92
13.3000	.87	.84	.80	.77	.74
13.5500	.72	.70	.68	.66	.64
13.8000	.63	.61	.60	.58	.57
14.0500	.55	.54	.53	.52	.51
14.3000	.50	.49	.48	.47	.46
14.5500	.45	.45	.44	.43	.42
14.8000	.42	.41	.41	.40	.39
15.0500	.39	.39	.38	.38	.37
15.3000	.37	.36	.36	.35	.35
15.5500	.34	.34	.33	.33	.32
15.8000	.31	.31	.30	.30	.29
16.0500	.29	.28	.28	.27	.27
16.3000	.27	.26	.26	.25	.25
16.5500	.25	.24	.24	.24	.24
16.8000	.23	.23	.23	.22	.22
17.0500	.22	.22	.21	.21	.21
17.3000	.21	.20	.20	.20	.20
17.5500	.19	.19	.19	.19	.18
17.8000	.18	.18	.18	.17	.17
18.0500	.17	.17	.16	.16	.16
18.3000	.16	.16	.16	.15	.15
18.5500	.15	.15	.15	.15	.15
18.8000	.15	.15	.14	.14	.14
19.0500	.14	.14	.14	.14	.14
19.3000	.14	.14	.14	.14	.14
19.5500	.14	.14	.13	.13	.13
19.8000	.13	.13	.13	.13	.13
20.0500	.13	.13	.13	.13	.13

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.3000	.13	.13	.13	.12	.12
20.5500	.12	.12	.12	.12	.12
20.8000	.12	.12	.12	.12	.12
21.0500	.12	.12	.12	.12	.12
21.3000	.12	.11	.11	.11	.11
21.5500	.11	.11	.11	.11	.11
21.8000	.11	.11	.11	.11	.11
22.0500	.11	.11	.11	.11	.11
22.3000	.10	.10	.10	.10	.10
22.5500	.10	.10	.10	.10	.10
22.8000	.10	.10	.10	.10	.10
23.0500	.10	.10	.10	.10	.10
23.3000	.09	.09	.09	.09	.09
23.5500	.09	.09	.09	.09	.09
23.8000	.09	.09	.09	.09	.09
24.0500	.09	.08	.08	.07	.07
24.3000	.07	.06	.06	.06	.05
24.5500	.05	.05	.04	.04	.04
24.8000	.04	.04	.03	.03	.03
25.0500	.03	.03	.03	.02	.02
25.3000	.02	.02	.02	.02	.02
25.5500	.02	.02	.01	.01	.01
25.8000	.01	.01	.01	.01	.01
26.0500	.01	.01	.01	.01	.01
26.3000	.01	.01	.01	.01	.01
26.5500	.01	.00	.00	.00	.00
26.8000	.00	.00	.00	.00	.00
27.0500	.00				

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 25
Outflow HYG file = NONE STORED - BR-N OUT 25

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	394.83 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	9.65 cfs	at	12.1000 hrs
Peak Outflow	=	5.14 cfs	at	12.2000 hrs
Peak Elevation	=	399.09 ft		
Peak Storage	=	.378 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.906
- Infiltration	=	.000
- HYG Vol OUT	=	.693
- Retained Vol	=	.213
Unrouted Vol	=	.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-N OUT
HYG Tag = 25

Peak Discharge = 5.14 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .693 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
1.0000	.00	.00	.00	.00	.00
1.2500	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
1.7500	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.2500	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
2.7500	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.2500	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
3.7500	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.2500	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
4.7500	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.2500	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00
5.7500	.00	.00	.00	.00	.00
6.0000	.00	.00	.00	.00	.00
6.2500	.00	.00	.00	.00	.00
6.5000	.00	.00	.00	.00	.00
6.7500	.00	.00	.00	.00	.00
7.0000	.00	.00	.00	.00	.00
7.2500	.00	.00	.00	.00	.00
7.5000	.00	.00	.00	.00	.00
7.7500	.00	.00	.00	.00	.00
8.0000	.00	.00	.00	.00	.00
8.2500	.00	.00	.00	.00	.00
8.5000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.7500	.00	.00	.00	.00	.00
9.0000	.00	.00	.00	.00	.00
9.2500	.00	.00	.00	.00	.00
9.5000	.00	.00	.00	.00	.00
9.7500	.00	.00	.00	.00	.00
10.0000	.00	.00	.00	.00	.00
10.2500	.00	.00	.00	.00	.00
10.5000	.00	.00	.00	.00	.00
10.7500	.00	.00	.00	.00	.00
11.0000	.00	.00	.00	.00	.00
11.2500	.00	.00	.03	.09	.16
11.5000	.27	.38	.53	.71	.96
11.7500	1.26	1.62	2.03	2.48	3.11
12.0000	3.98	4.44	4.79	5.03	5.14
12.2500	5.14	5.10	5.02	4.92	4.79
12.5000	4.62	4.44	4.23	3.89	3.40
12.7500	2.96	2.60	2.32	2.08	1.89
13.0000	1.73	1.58	1.47	1.36	1.28
13.2500	1.20	1.13	1.08	1.03	.99
13.5000	.96	.92	.89	.86	.83
13.7500	.81	.79	.76	.74	.72
14.0000	.71	.69	.68	.66	.65
14.2500	.64	.62	.61	.60	.59
14.5000	.58	.57	.56	.55	.55
14.7500	.54	.53	.52	.51	.51
15.0000	.50	.49	.48	.48	.47
15.2500	.46	.46	.45	.44	.44
15.5000	.43	.42	.41	.41	.40
15.7500	.40	.39	.38	.38	.37
16.0000	.37	.36	.36	.35	.34
16.2500	.34	.33	.33	.33	.32
16.5000	.32	.31	.31	.30	.30
16.7500	.30	.29	.29	.29	.28
17.0000	.28	.28	.27	.27	.27
17.2500	.26	.26	.26	.25	.25
17.5000	.25	.24	.24	.24	.24
17.7500	.23	.23	.23	.22	.22
18.0000	.22	.21	.21	.21	.21
18.2500	.20	.20	.20	.20	.20
18.5000	.19	.19	.19	.19	.19
18.7500	.19	.19	.18	.18	.18
19.0000	.18	.18	.18	.18	.18
19.2500	.17	.17	.17	.17	.17
19.5000	.17	.17	.17	.17	.17
19.7500	.17	.16	.16	.16	.16

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.0000	.16	.16	.16	.16	.16
20.2500	.16	.16	.15	.15	.15
20.5000	.15	.15	.15	.15	.15
20.7500	.15	.15	.15	.15	.15
21.0000	.15	.14	.14	.14	.14
21.2500	.14	.14	.14	.14	.14
21.5000	.14	.14	.14	.14	.14
21.7500	.14	.14	.14	.14	.14
22.0000	.13	.13	.13	.13	.13
22.2500	.13	.13	.13	.13	.13
22.5000	.13	.13	.13	.13	.13
22.7500	.13	.13	.12	.12	.12
23.0000	.12	.12	.12	.12	.12
23.2500	.12	.12	.12	.12	.12
23.5000	.12	.12	.12	.12	.11
23.7500	.11	.11	.11	.11	.11
24.0000	.11	.11	.11	.10	.09
24.2500	.09	.08	.08	.08	.07
24.5000	.07	.06	.06	.06	.05
24.7500	.05	.05	.05	.04	.04
25.0000	.04	.04	.03	.03	.03
25.2500	.03	.03	.03	.02	.02
25.5000	.02	.02	.02	.02	.02
25.7500	.02	.02	.01	.01	.01
26.0000	.01	.01	.01	.01	.01
26.2500	.01	.01	.01	.01	.01
26.5000	.01	.01	.01	.01	.01
26.7500	.01	.00	.00	.00	.00
27.0000	.00	.00	.00	.00	.00
27.2500	.00				

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 50
Outflow HYG file = NONE STORED - BR-N OUT 50

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	394.83 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	11.56 cfs	at	12.1000 hrs
Peak Outflow	=	5.71 cfs	at	12.2500 hrs
Peak Elevation	=	399.27 ft		
Peak Storage	=	.421 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	1.094
- Infiltration	=	.000
- HYG Vol OUT	=	.881
- Retained Vol	=	.213
Unrouted Vol	=	-.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-N OUT
HYG Tag = 50

Peak Discharge = 5.71 cfs
Time to Peak = 12.2500 hrs
HYG Volume = .881 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
.8500	.00	.00	.00	.00	.00
1.1000	.00	.00	.00	.00	.00
1.3500	.00	.00	.00	.00	.00
1.6000	.00	.00	.00	.00	.00
1.8500	.00	.00	.00	.00	.00
2.1000	.00	.00	.00	.00	.00
2.3500	.00	.00	.00	.00	.00
2.6000	.00	.00	.00	.00	.00
2.8500	.00	.00	.00	.00	.00
3.1000	.00	.00	.00	.00	.00
3.3500	.00	.00	.00	.00	.00
3.6000	.00	.00	.00	.00	.00
3.8500	.00	.00	.00	.00	.00
4.1000	.00	.00	.00	.00	.00
4.3500	.00	.00	.00	.00	.00
4.6000	.00	.00	.00	.00	.00
4.8500	.00	.00	.00	.00	.00
5.1000	.00	.00	.00	.00	.00
5.3500	.00	.00	.00	.00	.00
5.6000	.00	.00	.00	.00	.00
5.8500	.00	.00	.00	.00	.00
6.1000	.00	.00	.00	.00	.00
6.3500	.00	.00	.00	.00	.00
6.6000	.00	.00	.00	.00	.00
6.8500	.00	.00	.00	.00	.00
7.1000	.00	.00	.00	.00	.00
7.3500	.00	.00	.00	.00	.00
7.6000	.00	.00	.00	.00	.00
7.8500	.00	.00	.00	.00	.00
8.1000	.00	.00	.00	.00	.00
8.3500	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.6000	.00	.00	.00	.00	.00
8.8500	.00	.00	.00	.00	.00
9.1000	.00	.00	.00	.00	.00
9.3500	.00	.00	.00	.00	.00
9.6000	.00	.00	.00	.00	.00
9.8500	.00	.00	.00	.00	.00
10.1000	.00	.00	.00	.00	.00
10.3500	.00	.00	.00	.00	.00
10.6000	.00	.00	.00	.01	.06
10.8500	.10	.16	.23	.30	.37
11.1000	.44	.52	.60	.67	.75
11.3500	.83	.91	.99	1.06	1.15
11.6000	1.28	1.46	1.71	2.03	2.43
11.8500	2.88	3.38	3.99	4.46	4.89
12.1000	5.28	5.56	5.69	5.71	5.69
12.3500	5.64	5.55	5.44	5.29	5.12
12.6000	4.92	4.72	4.50	4.29	3.99
12.8500	3.55	3.08	2.70	2.40	2.15
13.1000	1.95	1.79	1.64	1.53	1.43
13.3500	1.35	1.28	1.22	1.16	1.12
13.6000	1.08	1.04	1.01	.98	.95
13.8500	.92	.89	.87	.85	.83
14.1000	.80	.78	.77	.75	.74
14.3500	.72	.71	.70	.69	.68
14.6000	.67	.66	.65	.64	.63
14.8500	.62	.61	.60	.60	.59
15.1000	.58	.57	.56	.55	.54
15.3500	.54	.53	.52	.51	.50
15.6000	.50	.49	.48	.47	.46
15.8500	.46	.45	.44	.43	.42
16.1000	.42	.41	.40	.40	.39
16.3500	.39	.38	.38	.37	.37
16.6000	.36	.36	.36	.35	.35
16.8500	.34	.34	.34	.33	.33
17.1000	.32	.32	.32	.31	.31
17.3500	.31	.30	.30	.30	.29
17.6000	.29	.29	.28	.28	.27
17.8500	.27	.27	.26	.26	.26
18.1000	.25	.25	.25	.24	.24
18.3500	.24	.24	.23	.23	.23
18.6000	.23	.23	.23	.22	.22
18.8500	.22	.22	.22	.22	.21
19.1000	.21	.21	.21	.21	.21
19.3500	.21	.21	.20	.20	.20
19.6000	.20	.20	.20	.20	.20

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.8500	.20	.19	.19	.19	.19
20.1000	.19	.19	.19	.19	.19
20.3500	.19	.18	.18	.18	.18
20.6000	.18	.18	.18	.18	.18
20.8500	.18	.18	.17	.17	.17
21.1000	.17	.17	.17	.17	.17
21.3500	.17	.17	.17	.17	.16
21.6000	.16	.16	.16	.16	.16
21.8500	.16	.16	.16	.16	.16
22.1000	.16	.16	.15	.15	.15
22.3500	.15	.15	.15	.15	.15
22.6000	.15	.15	.15	.15	.15
22.8500	.14	.14	.14	.14	.14
23.1000	.14	.14	.14	.14	.14
23.3500	.14	.14	.14	.14	.14
23.6000	.14	.13	.13	.13	.13
23.8500	.13	.13	.13	.13	.13
24.1000	.12	.12	.11	.11	.10
24.3500	.09	.09	.08	.08	.07
24.6000	.07	.07	.06	.06	.06
24.8500	.05	.05	.05	.04	.04
25.1000	.04	.04	.04	.03	.03
25.3500	.03	.03	.03	.03	.02
25.6000	.02	.02	.02	.02	.02
25.8500	.02	.02	.02	.01	.01
26.1000	.01	.01	.01	.01	.01
26.3500	.01	.01	.01	.01	.01
26.6000	.01	.01	.01	.01	.01
26.8500	.01	.01	.00	.00	.00
27.1000	.00	.00	.00	.00	.00
27.3500	.00	.00			

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-N IN 100
Outflow HYG file = NONE STORED - BR-N OUT 100

Pond Node Data = BR-N
Pond Volume Data = BR-N
Pond Outlet Data = BR-N OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	394.83 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	13.88 cfs	at	12.1000 hrs
Peak Outflow	=	6.32 cfs	at	12.2500 hrs
Peak Elevation	=	399.48 ft		
Peak Storage	=	.475 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	1.321
- Infiltration	=	.000
- HYG Vol OUT	=	1.108
- Retained Vol	=	.213
Unrouted Vol	=	.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-N OUT
HYG Tag = 100

Peak Discharge	6.31 cfs
Time to Peak	12.2500 hrs
HYG Volume	1.108 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
.7000	.00	.00	.00	.00	.00
.9500	.00	.00	.00	.00	.00
1.2000	.00	.00	.00	.00	.00
1.4500	.00	.00	.00	.00	.00
1.7000	.00	.00	.00	.00	.00
1.9500	.00	.00	.00	.00	.00
2.2000	.00	.00	.00	.00	.00
2.4500	.00	.00	.00	.00	.00
2.7000	.00	.00	.00	.00	.00
2.9500	.00	.00	.00	.00	.00
3.2000	.00	.00	.00	.00	.00
3.4500	.00	.00	.00	.00	.00
3.7000	.00	.00	.00	.00	.00
3.9500	.00	.00	.00	.00	.00
4.2000	.00	.00	.00	.00	.00
4.4500	.00	.00	.00	.00	.00
4.7000	.00	.00	.00	.00	.00
4.9500	.00	.00	.00	.00	.00
5.2000	.00	.00	.00	.00	.00
5.4500	.00	.00	.00	.00	.00
5.7000	.00	.00	.00	.00	.00
5.9500	.00	.00	.00	.00	.00
6.2000	.00	.00	.00	.00	.00
6.4500	.00	.00	.00	.00	.00
6.7000	.00	.00	.00	.00	.00
6.9500	.00	.00	.00	.00	.00
7.2000	.00	.00	.00	.00	.00
7.4500	.00	.00	.00	.00	.00
7.7000	.00	.00	.00	.00	.00
7.9500	.00	.00	.00	.00	.00
8.2000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.4500	.00	.00	.00	.00	.00
8.7000	.00	.00	.00	.00	.00
8.9500	.00	.00	.00	.00	.00
9.2000	.00	.00	.00	.00	.00
9.4500	.00	.00	.00	.00	.00
9.7000	.00	.00	.00	.00	.00
9.9500	.00	.00	.00	.01	.06
10.2000	.10	.15	.22	.28	.35
10.4500	.41	.47	.54	.59	.65
10.7000	.70	.74	.79	.84	.88
10.9500	.91	.95	.98	1.02	1.06
11.2000	1.10	1.15	1.21	1.27	1.34
11.4500	1.40	1.47	1.56	1.70	1.90
11.7000	2.20	2.59	3.06	3.61	4.06
11.9500	4.41	4.86	5.35	5.79	6.10
12.2000	6.26	6.31	6.32	6.28	6.22
12.4500	6.12	5.99	5.84	5.66	5.47
12.7000	5.27	5.07	4.86	4.65	4.44
12.9500	4.22	3.88	3.38	2.95	2.60
13.2000	2.34	2.11	1.94	1.79	1.67
13.4500	1.57	1.48	1.41	1.35	1.29
13.7000	1.24	1.19	1.15	1.11	1.08
13.9500	1.05	1.02	.99	.97	.95
14.2000	.92	.90	.88	.87	.85
14.4500	.84	.82	.81	.79	.78
14.7000	.77	.76	.75	.74	.73
14.9500	.72	.71	.70	.69	.68
15.2000	.67	.66	.65	.64	.63
15.4500	.62	.61	.60	.59	.58
15.7000	.57	.56	.56	.55	.54
15.9500	.53	.52	.51	.50	.49
16.2000	.48	.47	.47	.46	.45
16.4500	.45	.44	.43	.43	.42
16.7000	.42	.41	.41	.40	.40
16.9500	.39	.39	.39	.38	.38
17.2000	.38	.37	.37	.36	.36
17.4500	.36	.35	.35	.34	.34
17.7000	.34	.33	.33	.32	.32
17.9500	.32	.31	.31	.30	.30
18.2000	.30	.29	.29	.29	.28
18.4500	.28	.28	.28	.27	.27
18.7000	.27	.27	.27	.26	.26
18.9500	.26	.26	.26	.26	.25
19.2000	.25	.25	.25	.25	.25
19.4500	.25	.24	.24	.24	.24

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.7000	.24	.24	.24	.23	.23
19.9500	.23	.23	.23	.23	.23
20.2000	.23	.22	.22	.22	.22
20.4500	.22	.22	.22	.22	.22
20.7000	.21	.21	.21	.21	.21
20.9500	.21	.21	.21	.21	.21
21.2000	.20	.20	.20	.20	.20
21.4500	.20	.20	.20	.20	.20
21.7000	.19	.19	.19	.19	.19
21.9500	.19	.19	.19	.19	.19
22.2000	.19	.18	.18	.18	.18
22.4500	.18	.18	.18	.18	.18
22.7000	.18	.18	.17	.17	.17
22.9500	.17	.17	.17	.17	.17
23.2000	.17	.17	.16	.16	.16
23.4500	.16	.16	.16	.16	.16
23.7000	.16	.16	.16	.15	.15
23.9500	.15	.15	.15	.14	.13
24.2000	.13	.12	.11	.11	.10
24.4500	.09	.09	.08	.08	.08
24.7000	.07	.07	.06	.06	.06
24.9500	.05	.05	.05	.05	.04
25.2000	.04	.04	.04	.03	.03
25.4500	.03	.03	.03	.03	.02
25.7000	.02	.02	.02	.02	.02
25.9500	.02	.02	.02	.01	.01
26.2000	.01	.01	.01	.01	.01
26.4500	.01	.01	.01	.01	.01
26.7000	.01	.01	.01	.01	.01
26.9500	.01	.01	.00	.00	.00
27.2000	.00	.00	.00	.00	.00
27.4500	.00	.00			

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-N TO WETLAND
HYG Tag = 1

Peak Discharge = .46 cfs
Time to Peak = 12.8000 hrs
HYG Volume = .146 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.3000	.00	.09	.18	.27	.34
12.5500	.39	.42	.44	.45	.46
12.8000	.46	.46	.46	.45	.45
13.0500	.44	.43	.42	.41	.40
13.3000	.39	.39	.38	.37	.37
13.5500	.36	.35	.35	.34	.34
13.8000	.33	.32	.32	.31	.31
14.0500	.30	.29	.29	.28	.28
14.3000	.27	.27	.26	.26	.25
14.5500	.25	.25	.24	.24	.24
14.8000	.23	.23	.23	.22	.22
15.0500	.22	.21	.21	.21	.20
15.3000	.20	.20	.19	.19	.19
15.5500	.18	.18	.18	.18	.17
15.8000	.17	.17	.16	.16	.16
16.0500	.16	.15	.15	.15	.15
16.3000	.14	.14	.14	.14	.14
16.5500	.14	.13	.13	.13	.13
16.8000	.13	.13	.13	.13	.13
17.0500	.12	.12	.12	.12	.12
17.3000	.12	.12	.12	.11	.11
17.5500	.11	.11	.11	.11	.11
17.8000	.11	.10	.10	.10	.10
18.0500	.10	.10	.10	.10	.10
18.3000	.09	.09	.09	.09	.09
18.5500	.09	.09	.09	.09	.09
18.8000	.09	.09	.08	.08	.08
19.0500	.08	.08	.08	.08	.08
19.3000	.08	.08	.08	.08	.08
19.5500	.08	.08	.08	.08	.07
19.8000	.07	.07	.07	.07	.07

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.0500	.07	.07	.07	.07	.07
20.3000	.07	.07	.07	.07	.07
20.5500	.07	.07	.07	.07	.07
20.8000	.07	.07	.07	.06	.06
21.0500	.06	.06	.06	.06	.06
21.3000	.06	.06	.06	.06	.06
21.5500	.06	.06	.06	.06	.06
21.8000	.06	.06	.06	.06	.06
22.0500	.06	.06	.06	.06	.06
22.3000	.06	.06	.06	.06	.06
22.5500	.06	.05	.05	.05	.05
22.8000	.05	.05	.05	.05	.05
23.0500	.05	.05	.05	.05	.05
23.3000	.05	.05	.05	.05	.05
23.5500	.05	.05	.05	.05	.05
23.8000	.05	.05	.05	.05	.05
24.0500	.05	.04	.04	.04	.04
24.3000	.04	.03	.03	.03	.03
24.5500	.03	.03	.02	.02	.02
24.8000	.02	.02	.02	.02	.02
25.0500	.02	.01	.01	.01	.01
25.3000	.01	.01	.01	.01	.01
25.5500	.01	.01	.01	.01	.01
25.8000	.01	.01	.01	.01	.01
26.0500	.00	.00	.00	.00	.00
26.3000	.00	.00	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-S IN
HYG Tag = 1

Peak Discharge = 3.32 cfs
Time to Peak = 12.1000 hrs
HYG Volume = .275 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
5.6000	.00	.00	.00	.00	.00
5.8500	.00	.00	.00	.00	.00
6.1000	.00	.00	.01	.01	.01
6.3500	.01	.01	.01	.01	.01
6.6000	.01	.01	.01	.01	.01
6.8500	.01	.01	.01	.01	.01
7.1000	.02	.02	.02	.02	.02
7.3500	.02	.02	.02	.02	.02
7.6000	.02	.02	.03	.03	.03
7.8500	.03	.03	.03	.03	.03
8.1000	.03	.03	.04	.04	.04
8.3500	.04	.04	.04	.04	.05
8.6000	.05	.05	.05	.05	.06
8.8500	.06	.06	.06	.06	.07
9.1000	.07	.07	.07	.07	.08
9.3500	.08	.08	.08	.09	.09
9.6000	.09	.09	.09	.10	.10
9.8500	.10	.10	.11	.11	.11
10.1000	.12	.12	.12	.13	.13
10.3500	.14	.14	.15	.15	.16
10.6000	.16	.17	.17	.18	.18
10.8500	.19	.19	.20	.20	.21
11.1000	.22	.24	.25	.27	.28
11.3500	.30	.32	.34	.35	.42
11.6000	.50	.64	.79	.95	1.12
11.8500	1.30	1.49	2.14	2.94	3.21
12.1000	3.32	2.76	2.00	1.68	1.47
12.3500	1.29	1.11	.93	.75	.62
12.6000	.52	.48	.45	.43	.41
12.8500	.40	.38	.36	.34	.32
13.1000	.31	.30	.30	.29	.29

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-N TO WETLAND
HYG Tag = 2

Peak Discharge = 1.44 cfs
Time to Peak = 12.4000 hrs
HYG Volume = .237 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.0500	.00	.06	.43	.83	1.09
12.3000	1.28	1.39	1.44	1.45	1.41
12.5500	1.34	1.25	1.16	1.09	1.02
12.8000	.96	.90	.85	.80	.76
13.0500	.72	.68	.65	.62	.60
13.3000	.58	.55	.53	.52	.50
13.5500	.48	.47	.45	.44	.43
13.8000	.42	.41	.40	.39	.38
14.0500	.37	.37	.36	.35	.34
14.3000	.34	.33	.33	.32	.32
14.5500	.31	.31	.30	.30	.29
14.8000	.29	.28	.28	.27	.27
15.0500	.27	.26	.26	.25	.25
15.3000	.25	.24	.24	.24	.23
15.5500	.23	.22	.22	.22	.21
15.8000	.21	.21	.20	.20	.20
16.0500	.19	.19	.19	.18	.18
16.3000	.18	.17	.17	.17	.17
16.5500	.16	.16	.16	.16	.16
16.8000	.15	.15	.15	.15	.15
17.0500	.14	.14	.14	.14	.14
17.3000	.14	.14	.14	.13	.13
17.5500	.13	.13	.13	.13	.13
17.8000	.13	.12	.12	.12	.12
18.0500	.12	.12	.12	.12	.11
18.3000	.11	.11	.11	.11	.11
18.5500	.11	.11	.11	.11	.11
18.8000	.10	.10	.10	.10	.10
19.0500	.10	.10	.10	.10	.10
19.3000	.10	.10	.10	.10	.09
19.5500	.09	.09	.09	.09	.09

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.8000	.09	.09	.09	.09	.09
20.0500	.09	.09	.09	.09	.09
20.3000	.09	.08	.08	.08	.08
20.5500	.08	.08	.08	.08	.08
20.8000	.08	.08	.08	.08	.08
21.0500	.08	.08	.08	.08	.08
21.3000	.08	.08	.08	.08	.08
21.5500	.07	.07	.07	.07	.07
21.8000	.07	.07	.07	.07	.07
22.0500	.07	.07	.07	.07	.07
22.3000	.07	.07	.07	.07	.07
22.5500	.07	.07	.07	.07	.07
22.8000	.07	.07	.07	.06	.06
23.0500	.06	.06	.06	.06	.06
23.3000	.06	.06	.06	.06	.06
23.5500	.06	.06	.06	.06	.06
23.8000	.06	.06	.06	.06	.06
24.0500	.06	.05	.05	.05	.05
24.3000	.04	.04	.04	.04	.04
24.5500	.03	.03	.03	.03	.03
24.8000	.02	.02	.02	.02	.02
25.0500	.02	.02	.02	.02	.01
25.3000	.01	.01	.01	.01	.01
25.5500	.01	.01	.01	.01	.01
25.8000	.01	.01	.01	.01	.01
26.0500	.01	.01	.01	.01	.00
26.3000	.00	.00	.00	.00	.00
26.5500	.00	.00	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-S IN
HYG Tag = 2

Peak Discharge = 4.27 cfs
Time to Peak = 12.1000 hrs
HYG Volume = .359 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
4.8000	.00	.00	.00	.00	.00
5.0500	.00	.00	.00	.00	.00
5.3000	.01	.01	.01	.01	.01
5.5500	.01	.01	.01	.01	.01
5.8000	.01	.01	.01	.01	.01
6.0500	.01	.01	.01	.01	.02
6.3000	.02	.02	.02	.02	.02
6.5500	.02	.02	.02	.02	.02
6.8000	.02	.03	.03	.03	.03
7.0500	.03	.03	.03	.03	.03
7.3000	.03	.04	.04	.04	.04
7.5500	.04	.04	.04	.04	.05
7.8000	.05	.05	.05	.05	.05
8.0500	.05	.05	.06	.06	.06
8.3000	.06	.07	.07	.07	.07
8.5500	.07	.08	.08	.08	.08
8.8000	.09	.09	.09	.09	.10
9.0500	.10	.10	.11	.11	.11
9.3000	.11	.12	.12	.12	.13
9.5500	.13	.13	.14	.14	.14
9.8000	.15	.15	.15	.16	.16
10.0500	.16	.17	.17	.18	.18
10.3000	.19	.20	.20	.21	.21
10.5500	.22	.23	.23	.24	.25
10.8000	.25	.26	.27	.27	.28
11.0500	.29	.31	.32	.35	.37
11.3000	.39	.41	.43	.46	.48
11.5500	.57	.67	.85	1.05	1.27
11.8000	1.49	1.72	1.95	2.79	3.82
12.0500	4.14	4.27	3.54	2.55	2.14
12.3000	1.87	1.64	1.41	1.18	.94

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-N TO WETLAND
HYG Tag = 10

Peak Discharge = 4.32 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .491 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.7500	.00	.06	.30	.67	1.22
12.0000	2.04	3.03	3.90	4.24	4.32
12.2500	4.30	4.24	4.13	3.93	3.65
12.5000	3.27	2.91	2.58	2.30	2.06
12.7500	1.86	1.70	1.55	1.44	1.33
13.0000	1.24	1.15	1.08	1.02	.97
13.2500	.92	.87	.84	.80	.77
13.5000	.74	.72	.70	.68	.66
13.7500	.64	.63	.61	.60	.58
14.0000	.57	.55	.54	.53	.52
14.2500	.51	.50	.49	.48	.47
14.5000	.46	.45	.45	.44	.43
14.7500	.42	.42	.41	.41	.40
15.0000	.39	.39	.39	.38	.38
15.2500	.37	.37	.36	.36	.35
15.5000	.35	.34	.34	.33	.33
15.7500	.32	.31	.31	.30	.30
16.0000	.29	.29	.28	.28	.27
16.2500	.27	.27	.26	.26	.25
16.5000	.25	.25	.24	.24	.24
16.7500	.24	.23	.23	.23	.22
17.0000	.22	.22	.22	.21	.21
17.2500	.21	.21	.20	.20	.20
17.5000	.20	.19	.19	.19	.19
17.7500	.18	.18	.18	.18	.17
18.0000	.17	.17	.17	.16	.16
18.2500	.16	.16	.16	.16	.15
18.5000	.15	.15	.15	.15	.15
18.7500	.15	.15	.15	.14	.14
19.0000	.14	.14	.14	.14	.14
19.2500	.14	.14	.14	.14	.14

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.5000	.14	.14	.14	.13	.13
19.7500	.13	.13	.13	.13	.13
20.0000	.13	.13	.13	.13	.13
20.2500	.13	.13	.13	.13	.12
20.5000	.12	.12	.12	.12	.12
20.7500	.12	.12	.12	.12	.12
21.0000	.12	.12	.12	.12	.12
21.2500	.12	.12	.11	.11	.11
21.5000	.11	.11	.11	.11	.11
21.7500	.11	.11	.11	.11	.11
22.0000	.11	.11	.11	.11	.11
22.2500	.11	.10	.10	.10	.10
22.5000	.10	.10	.10	.10	.10
22.7500	.10	.10	.10	.10	.10
23.0000	.10	.10	.10	.10	.10
23.2500	.10	.09	.09	.09	.09
23.5000	.09	.09	.09	.09	.09
23.7500	.09	.09	.09	.09	.09
24.0000	.09	.09	.08	.08	.07
24.2500	.07	.07	.06	.06	.06
24.5000	.05	.05	.05	.04	.04
24.7500	.04	.04	.04	.03	.03
25.0000	.03	.03	.03	.03	.02
25.2500	.02	.02	.02	.02	.02
25.5000	.02	.02	.02	.01	.01
25.7500	.01	.01	.01	.01	.01
26.0000	.01	.01	.01	.01	.01
26.2500	.01	.01	.01	.01	.01
26.5000	.01	.01	.00	.00	.00
26.7500	.00	.00	.00	.00	.00
27.0000	.00	.00			

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-S IN
HYG Tag = 10

Peak Discharge = 6.86 cfs
Time to Peak = 12.1000 hrs
HYG Volume = .595 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
3.4000	.00	.00	.00	.00	.00
3.6500	.00	.01	.01	.01	.01
3.9000	.01	.01	.01	.01	.01
4.1500	.01	.01	.01	.01	.02
4.4000	.02	.02	.02	.02	.02
4.6500	.02	.02	.02	.02	.02
4.9000	.02	.03	.03	.03	.03
5.1500	.03	.03	.03	.03	.03
5.4000	.03	.03	.04	.04	.04
5.6500	.04	.04	.04	.04	.04
5.9000	.04	.04	.04	.05	.05
6.1500	.05	.05	.05	.05	.05
6.4000	.06	.06	.06	.06	.06
6.6500	.06	.07	.07	.07	.07
6.9000	.07	.08	.08	.08	.08
7.1500	.08	.08	.09	.09	.09
7.4000	.09	.10	.10	.10	.10
7.6500	.10	.11	.11	.11	.11
7.9000	.11	.12	.12	.12	.12
8.1500	.13	.13	.14	.14	.14
8.4000	.15	.15	.16	.16	.17
8.6500	.17	.17	.18	.18	.19
8.9000	.19	.20	.20	.21	.21
9.1500	.22	.22	.23	.23	.24
9.4000	.24	.25	.25	.26	.26
9.6500	.27	.27	.28	.28	.29
9.9000	.29	.30	.30	.31	.32
10.1500	.33	.34	.35	.36	.37
10.4000	.38	.39	.40	.41	.42
10.6500	.43	.44	.45	.46	.47
10.9000	.48	.49	.50	.52	.54

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-N TO WETLAND
HYG Tag = 25

Peak Discharge = 5.14 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .693 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.3000	.00	.03	.09	.16	.27
11.5500	.38	.53	.71	.96	1.26
11.8000	1.62	2.03	2.48	3.11	3.98
12.0500	4.44	4.79	5.03	5.14	5.14
12.3000	5.10	5.02	4.92	4.79	4.62
12.5500	4.44	4.23	3.89	3.40	2.96
12.8000	2.60	2.32	2.08	1.89	1.73
13.0500	1.58	1.47	1.36	1.28	1.20
13.3000	1.13	1.08	1.03	.99	.96
13.5500	.92	.89	.86	.83	.81
13.8000	.79	.76	.74	.72	.71
14.0500	.69	.68	.66	.65	.64
14.3000	.62	.61	.60	.59	.58
14.5500	.57	.56	.55	.55	.54
14.8000	.53	.52	.51	.51	.50
15.0500	.49	.48	.48	.47	.46
15.3000	.46	.45	.44	.44	.43
15.5500	.42	.41	.41	.40	.40
15.8000	.39	.38	.38	.37	.37
16.0500	.36	.36	.35	.34	.34
16.3000	.33	.33	.33	.32	.32
16.5500	.31	.31	.30	.30	.30
16.8000	.29	.29	.29	.28	.28
17.0500	.28	.27	.27	.27	.26
17.3000	.26	.26	.25	.25	.25
17.5500	.24	.24	.24	.24	.23
17.8000	.23	.23	.22	.22	.22
18.0500	.21	.21	.21	.21	.20
18.3000	.20	.20	.20	.20	.19
18.5500	.19	.19	.19	.19	.19
18.8000	.19	.18	.18	.18	.18

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.0500	.18	.18	.18	.18	.17
19.3000	.17	.17	.17	.17	.17
19.5500	.17	.17	.17	.17	.17
19.8000	.16	.16	.16	.16	.16
20.0500	.16	.16	.16	.16	.16
20.3000	.16	.15	.15	.15	.15
20.5500	.15	.15	.15	.15	.15
20.8000	.15	.15	.15	.15	.15
21.0500	.14	.14	.14	.14	.14
21.3000	.14	.14	.14	.14	.14
21.5500	.14	.14	.14	.14	.14
21.8000	.14	.14	.14	.14	.13
22.0500	.13	.13	.13	.13	.13
22.3000	.13	.13	.13	.13	.13
22.5500	.13	.13	.13	.13	.13
22.8000	.13	.12	.12	.12	.12
23.0500	.12	.12	.12	.12	.12
23.3000	.12	.12	.12	.12	.12
23.5500	.12	.12	.12	.11	.11
23.8000	.11	.11	.11	.11	.11
24.0500	.11	.11	.10	.09	.09
24.3000	.08	.08	.08	.07	.07
24.5500	.06	.06	.06	.05	.05
24.8000	.05	.05	.04	.04	.04
25.0500	.04	.03	.03	.03	.03
25.3000	.03	.03	.02	.02	.02
25.5500	.02	.02	.02	.02	.02
25.8000	.02	.01	.01	.01	.01
26.0500	.01	.01	.01	.01	.01
26.3000	.01	.01	.01	.01	.01
26.5500	.01	.01	.01	.01	.01
26.8000	.00	.00	.00	.00	.00
27.0500	.00	.00	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-S IN
HYG Tag = 25

Peak Discharge = 8.89 cfs
Time to Peak = 12.1000 hrs
HYG Volume = .785 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
2.7500	.00	.00	.00	.00	.00
3.0000	.01	.01	.01	.01	.01
3.2500	.01	.01	.01	.01	.02
3.5000	.02	.02	.02	.02	.02
3.7500	.02	.02	.02	.03	.03
4.0000	.03	.03	.03	.03	.03
4.2500	.03	.03	.04	.04	.04
4.5000	.04	.04	.04	.04	.04
4.7500	.05	.05	.05	.05	.05
5.0000	.05	.05	.05	.06	.06
5.2500	.06	.06	.06	.06	.06
5.5000	.06	.06	.07	.07	.07
5.7500	.07	.07	.07	.07	.07
6.0000	.08	.08	.08	.08	.08
6.2500	.09	.09	.09	.09	.09
6.5000	.10	.10	.10	.10	.11
6.7500	.11	.11	.11	.12	.12
7.0000	.12	.12	.13	.13	.13
7.2500	.14	.14	.14	.14	.15
7.5000	.15	.15	.15	.16	.16
7.7500	.16	.17	.17	.17	.18
8.0000	.18	.18	.19	.19	.20
8.2500	.20	.21	.21	.22	.22
8.5000	.23	.24	.24	.25	.25
8.7500	.26	.27	.27	.28	.28
9.0000	.29	.30	.30	.31	.32
9.2500	.32	.33	.34	.34	.35
9.5000	.36	.36	.37	.38	.38
9.7500	.39	.40	.40	.41	.42
10.0000	.42	.43	.44	.45	.47
10.2500	.48	.49	.50	.52	.53

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-N TO WETLAND
HYG Tag = 50

Peak Discharge = 5.71 cfs
Time to Peak = 12.2500 hrs
HYG Volume = .881 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.7000	.00	.01	.06	.10	.16
10.9500	.23	.30	.37	.44	.52
11.2000	.60	.67	.75	.83	.91
11.4500	.99	1.06	1.15	1.28	1.46
11.7000	1.71	2.03	2.43	2.88	3.38
11.9500	3.99	4.46	4.89	5.28	5.56
12.2000	5.69	5.71	5.69	5.64	5.55
12.4500	5.44	5.29	5.12	4.92	4.72
12.7000	4.50	4.29	3.99	3.55	3.08
12.9500	2.70	2.40	2.15	1.95	1.79
13.2000	1.64	1.53	1.43	1.35	1.28
13.4500	1.22	1.16	1.12	1.08	1.04
13.7000	1.01	.98	.95	.92	.89
13.9500	.87	.85	.83	.80	.78
14.2000	.77	.75	.74	.72	.71
14.4500	.70	.69	.68	.67	.66
14.7000	.65	.64	.63	.62	.61
14.9500	.60	.60	.59	.58	.57
15.2000	.56	.55	.54	.54	.53
15.4500	.52	.51	.50	.50	.49
15.7000	.48	.47	.46	.46	.45
15.9500	.44	.43	.42	.42	.41
16.2000	.40	.40	.39	.39	.38
16.4500	.38	.37	.37	.36	.36
16.7000	.36	.35	.35	.34	.34
16.9500	.34	.33	.33	.32	.32
17.2000	.32	.31	.31	.31	.30
17.4500	.30	.30	.29	.29	.29
17.7000	.28	.28	.27	.27	.27
17.9500	.26	.26	.26	.25	.25
18.2000	.25	.24	.24	.24	.24

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.4500	.23	.23	.23	.23	.23
18.7000	.23	.22	.22	.22	.22
18.9500	.22	.22	.21	.21	.21
19.2000	.21	.21	.21	.21	.21
19.4500	.20	.20	.20	.20	.20
19.7000	.20	.20	.20	.20	.19
19.9500	.19	.19	.19	.19	.19
20.2000	.19	.19	.19	.19	.18
20.4500	.18	.18	.18	.18	.18
20.7000	.18	.18	.18	.18	.18
20.9500	.17	.17	.17	.17	.17
21.2000	.17	.17	.17	.17	.17
21.4500	.17	.17	.16	.16	.16
21.7000	.16	.16	.16	.16	.16
21.9500	.16	.16	.16	.16	.16
22.2000	.15	.15	.15	.15	.15
22.4500	.15	.15	.15	.15	.15
22.7000	.15	.15	.15	.14	.14
22.9500	.14	.14	.14	.14	.14
23.2000	.14	.14	.14	.14	.14
23.4500	.14	.14	.14	.14	.13
23.7000	.13	.13	.13	.13	.13
23.9500	.13	.13	.13	.12	.12
24.2000	.11	.11	.10	.09	.09
24.4500	.08	.08	.07	.07	.07
24.7000	.06	.06	.06	.05	.05
24.9500	.05	.04	.04	.04	.04
25.2000	.04	.03	.03	.03	.03
25.4500	.03	.03	.02	.02	.02
25.7000	.02	.02	.02	.02	.02
25.9500	.02	.01	.01	.01	.01
26.2000	.01	.01	.01	.01	.01
26.4500	.01	.01	.01	.01	.01
26.7000	.01	.01	.01	.01	.01
26.9500	.00	.00	.00	.00	.00
27.2000	.00	.00	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-S IN
HYG Tag = 50

Peak Discharge = 10.76 cfs
Time to Peak = 12.1000 hrs
HYG Volume = .963 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
2.3500	.00	.00	.00	.00	.01
2.6000	.01	.01	.01	.01	.01
2.8500	.01	.02	.02	.02	.02
3.1000	.02	.02	.02	.03	.03
3.3500	.03	.03	.03	.03	.03
3.6000	.04	.04	.04	.04	.04
3.8500	.04	.04	.05	.05	.05
4.1000	.05	.05	.05	.05	.06
4.3500	.06	.06	.06	.06	.06
4.6000	.06	.07	.07	.07	.07
4.8500	.07	.07	.08	.08	.08
5.1000	.08	.08	.08	.08	.09
5.3500	.09	.09	.09	.09	.09
5.6000	.10	.10	.10	.10	.10
5.8500	.10	.10	.11	.11	.11
6.1000	.11	.11	.12	.12	.12
6.3500	.13	.13	.13	.13	.14
6.6000	.14	.14	.15	.15	.15
6.8500	.16	.16	.16	.17	.17
7.1000	.17	.18	.18	.18	.19
7.3500	.19	.19	.20	.20	.20
7.6000	.21	.21	.21	.22	.22
7.8500	.22	.23	.23	.24	.24
8.1000	.25	.25	.26	.27	.27
8.3500	.28	.29	.29	.30	.31
8.6000	.31	.32	.33	.34	.34
8.8500	.35	.36	.37	.37	.38
9.1000	.39	.40	.41	.41	.42
9.3500	.43	.44	.44	.45	.46
9.6000	.47	.48	.49	.49	.50
9.8500	.51	.52	.53	.53	.55

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-N TO WETLAND
HYG Tag = 100

Peak Discharge = 6.31 cfs
Time to Peak = 12.2500 hrs
HYG Volume = 1.108 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.0500	.00	.01	.06	.10	.15
10.3000	.22	.28	.35	.41	.47
10.5500	.54	.59	.65	.70	.74
10.8000	.79	.84	.88	.91	.95
11.0500	.98	1.02	1.06	1.10	1.15
11.3000	1.21	1.27	1.34	1.40	1.47
11.5500	1.56	1.70	1.90	2.20	2.59
11.8000	3.06	3.61	4.06	4.41	4.86
12.0500	5.35	5.79	6.10	6.26	6.31
12.3000	6.32	6.28	6.22	6.12	5.99
12.5500	5.84	5.66	5.47	5.27	5.07
12.8000	4.86	4.65	4.44	4.22	3.88
13.0500	3.38	2.95	2.60	2.34	2.11
13.3000	1.94	1.79	1.67	1.57	1.48
13.5500	1.41	1.35	1.29	1.24	1.19
13.8000	1.15	1.11	1.08	1.05	1.02
14.0500	.99	.97	.95	.92	.90
14.3000	.88	.87	.85	.84	.82
14.5500	.81	.79	.78	.77	.76
14.8000	.75	.74	.73	.72	.71
15.0500	.70	.69	.68	.67	.66
15.3000	.65	.64	.63	.62	.61
15.5500	.60	.59	.58	.57	.56
15.8000	.56	.55	.54	.53	.52
16.0500	.51	.50	.49	.48	.47
16.3000	.47	.46	.45	.45	.44
16.5500	.43	.43	.42	.42	.41
16.8000	.41	.40	.40	.39	.39
17.0500	.39	.38	.38	.38	.37
17.3000	.37	.36	.36	.36	.35
17.5500	.35	.34	.34	.34	.33

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
17.8000	.33	.32	.32	.32	.31
18.0500	.31	.30	.30	.30	.29
18.3000	.29	.29	.28	.28	.28
18.5500	.28	.27	.27	.27	.27
18.8000	.27	.26	.26	.26	.26
19.0500	.26	.26	.25	.25	.25
19.3000	.25	.25	.25	.25	.24
19.5500	.24	.24	.24	.24	.24
19.8000	.24	.23	.23	.23	.23
20.0500	.23	.23	.23	.23	.22
20.3000	.22	.22	.22	.22	.22
20.5500	.22	.22	.22	.21	.21
20.8000	.21	.21	.21	.21	.21
21.0500	.21	.21	.21	.20	.20
21.3000	.20	.20	.20	.20	.20
21.5500	.20	.20	.20	.19	.19
21.8000	.19	.19	.19	.19	.19
22.0500	.19	.19	.19	.19	.18
22.3000	.18	.18	.18	.18	.18
22.5500	.18	.18	.18	.18	.18
22.8000	.17	.17	.17	.17	.17
23.0500	.17	.17	.17	.17	.17
23.3000	.16	.16	.16	.16	.16
23.5500	.16	.16	.16	.16	.16
23.8000	.16	.15	.15	.15	.15
24.0500	.15	.14	.13	.13	.12
24.3000	.11	.11	.10	.09	.09
24.5500	.08	.08	.08	.07	.07
24.8000	.06	.06	.06	.05	.05
25.0500	.05	.05	.04	.04	.04
25.3000	.04	.03	.03	.03	.03
25.5500	.03	.03	.02	.02	.02
25.8000	.02	.02	.02	.02	.02
26.0500	.02	.01	.01	.01	.01
26.3000	.01	.01	.01	.01	.01
26.5500	.01	.01	.01	.01	.01
26.8000	.01	.01	.01	.01	.01
27.0500	.00	.00	.00	.00	.00
27.3000	.00	.00	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = BR-S IN
HYG Tag = 100

Peak Discharge = 13.02 cfs
Time to Peak = 12.1000 hrs
HYG Volume = 1.179 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
1.9500	.00	.00	.00	.00	.01
2.2000	.01	.01	.01	.01	.02
2.4500	.02	.02	.02	.02	.02
2.7000	.03	.03	.03	.03	.03
2.9500	.03	.04	.04	.04	.04
3.2000	.04	.05	.05	.05	.05
3.4500	.05	.05	.06	.06	.06
3.7000	.06	.06	.07	.07	.07
3.9500	.07	.07	.08	.08	.08
4.2000	.08	.08	.08	.09	.09
4.4500	.09	.09	.09	.10	.10
4.7000	.10	.10	.10	.11	.11
4.9500	.11	.11	.11	.12	.12
5.2000	.12	.12	.12	.12	.13
5.4500	.13	.13	.13	.13	.14
5.7000	.14	.14	.14	.14	.14
5.9500	.15	.15	.15	.15	.16
6.2000	.16	.16	.17	.17	.17
6.4500	.18	.18	.19	.19	.19
6.7000	.20	.20	.21	.21	.21
6.9500	.22	.22	.23	.23	.23
7.2000	.24	.24	.25	.25	.25
7.4500	.26	.26	.27	.27	.28
7.7000	.28	.28	.29	.29	.30
7.9500	.30	.31	.31	.32	.33
8.2000	.33	.34	.35	.36	.37
8.4500	.38	.39	.40	.40	.41
8.7000	.42	.43	.44	.45	.46
8.9500	.47	.48	.49	.50	.51
9.2000	.51	.52	.53	.54	.55
9.4500	.56	.57	.58	.59	.60

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 1
Outflow HYG file = NONE STORED - BR-S OUT 1

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.33 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
395.33	.00	.000	.0561	.00	.00	.00
395.38	.00	.003	.0561	.00	.00	1.36
395.43	.00	.006	.0561	.00	.00	2.71
395.48	.00	.008	.0561	.00	.00	4.07
395.53	.00	.011	.0561	.00	.00	5.43
395.58	.00	.014	.0561	.00	.00	6.79
395.63	.00	.017	.0561	.00	.00	8.14
395.68	.00	.020	.0561	.00	.00	9.50
395.73	.00	.022	.0561	.00	.00	10.86
395.78	.00	.025	.0561	.00	.00	12.21
395.83	.00	.028	.0561	.00	.00	13.57
395.88	.00	.031	.0561	.00	.00	14.93
395.93	.00	.034	.0561	.00	.00	16.29
395.98	.00	.036	.0561	.00	.00	17.64
396.03	.00	.038	.0280	.00	.00	18.55
396.08	.00	.040	.0280	.00	.00	19.23
396.13	.00	.041	.0280	.00	.00	19.90
396.18	.00	.043	.0280	.00	.00	20.58
396.23	.00	.044	.0280	.00	.00	21.26
396.28	.00	.045	.0280	.00	.00	21.94

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 1
Outflow HYG file = NONE STORED - BR-S OUT 1

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.33 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
396.33	.00	.047	.0280	.00	.00	22.62
396.38	.00	.048	.0280	.00	.00	23.30
396.43	.00	.050	.0280	.00	.00	23.98
396.48	.00	.051	.0280	.00	.00	24.65
396.53	.00	.052	.0280	.00	.00	25.33
396.58	.00	.054	.0280	.00	.00	26.01
396.63	.00	.055	.0280	.00	.00	26.69
396.68	.00	.057	.0280	.00	.00	27.37
396.73	.00	.058	.0280	.00	.00	28.05
396.78	.00	.059	.0280	.00	.00	28.73
396.83	.00	.061	.0280	.00	.00	29.40
396.88	.00	.062	.0280	.00	.00	30.08
396.93	.00	.064	.0280	.00	.00	30.76
396.98	.00	.065	.0280	.00	.00	31.44
397.03	.00	.066	.0280	.00	.00	32.12
397.08	.00	.068	.0280	.00	.00	32.80
397.13	.00	.069	.0280	.00	.00	33.48
397.18	.00	.071	.0280	.00	.00	34.15
397.23	.00	.072	.0280	.00	.00	34.83
397.28	.00	.073	.0280	.00	.00	35.51

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 1
Outflow HYG file = NONE STORED - BR-S OUT 1

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.33 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
397.33	.00	.075	.0280	.00	.00	36.19
397.38	.00	.076	.0280	.00	.00	36.87
397.43	.00	.078	.0280	.00	.00	37.55
397.48	.00	.079	.0280	.00	.00	38.23
397.53	.00	.080	.0280	.00	.00	38.90
397.58	.00	.082	.0280	.00	.00	39.58
397.63	.00	.083	.0280	.00	.00	40.26
397.68	.00	.085	.0280	.00	.00	40.94
397.73	.00	.086	.0280	.00	.00	41.62
397.78	.00	.087	.0280	.00	.00	42.30
397.83	.00	.089	.0280	.00	.00	42.98
397.88	.00	.090	.0280	.00	.00	43.65
397.93	.00	.092	.0280	.00	.00	44.33
397.98	.00	.093	.0280	.00	.00	45.01
398.03	.00	.094	.0280	.00	.00	45.69
398.08	.00	.096	.0280	.00	.00	46.37
398.13	.00	.097	.0280	.00	.00	47.05
398.18	.00	.099	.0280	.00	.00	47.73
398.23	.00	.100	.0280	.00	.00	48.40
398.28	.00	.101	.0280	.00	.00	49.08

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 1
Outflow HYG file = NONE STORED - BR-S OUT 1

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.33 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
398.33	.00	.103	.0280	.00	.00	49.76
398.38	.00	.104	.0280	.00	.00	50.44
398.43	.00	.106	.0280	.00	.00	51.12
398.48	.00	.107	.0280	.00	.00	51.80
398.53	.00	.112	.1412	.00	.00	54.30
398.58	.00	.119	.1426	.00	.00	57.73
398.63	.00	.126	.1440	.00	.00	61.19
398.68	.00	.134	.1454	.00	.00	64.70
398.73	.00	.141	.1469	.00	.00	68.23
398.78	.00	.148	.1483	.00	.00	71.81
398.83	.00	.156	.1498	.00	.00	75.41
398.88	.14	.163	.1512	.00	.14	79.19
398.93	.40	.171	.1527	.00	.40	83.13
398.98	.73	.179	.1542	.00	.73	87.18
399.03	1.12	.186	.1557	.00	1.12	91.32
399.08	1.57	.194	.1571	.00	1.57	95.55
399.13	2.06	.202	.1586	.00	2.06	99.86
399.18	2.60	.210	.1601	.00	2.60	104.26
399.23	3.18	.218	.1616	.00	3.18	108.73
399.28	3.79	.226	.1631	.00	3.79	113.27

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 1
Outflow HYG file = NONE STORED - BR-S OUT 1

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.33 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
399.33	4.18	.234	.1646	.00	4.18	117.62
399.38	4.38	.243	.1661	.00	4.38	121.82
399.43	4.58	.251	.1677	.00	4.58	126.06
399.48	4.76	.259	.1692	.00	4.76	130.32
399.53	4.94	.268	.1707	.00	4.94	134.62
399.58	5.12	.276	.1723	.00	5.12	138.94
399.63	5.28	.285	.1738	.00	5.28	143.29
399.68	5.45	.294	.1753	.00	5.45	147.68
399.73	5.60	.303	.1769	.00	5.60	152.10
399.78	5.76	.312	.1785	.00	5.76	156.55
399.83	5.91	.321	.1800	.00	5.91	161.04
399.88	6.05	.330	.1816	.00	6.05	165.56
399.93	6.19	.339	.1832	.00	6.19	170.12
399.98	6.33	.348	.1848	.00	6.33	174.71
400.03	6.47	.357	.1864	.00	6.47	179.34
400.08	6.60	.367	.1880	.00	6.60	184.00
400.13	6.73	.376	.1896	.00	6.73	188.70
400.18	6.86	.385	.1912	.00	6.86	193.44
400.23	6.99	.395	.1928	.00	6.99	198.21
400.28	7.11	.405	.1944	.00	7.11	203.02

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 1
Outflow HYG file = NONE STORED - BR-S OUT 1

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.33 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
400.33	7.23	.415	.1960	.00	7.23	207.86
400.38	7.35	.424	.1977	.00	7.35	212.75
400.43	7.47	.434	.1993	.00	7.47	217.67
400.48	7.59	.444	.2010	.00	7.59	222.63
400.53	7.70	.454	.2015	.00	7.70	227.62
400.58	7.81	.464	.2015	.00	7.81	232.61
400.63	7.92	.475	.2015	.00	7.92	237.59
400.68	8.03	.485	.2015	.00	8.03	242.58
400.73	8.14	.495	.2015	.00	8.14	247.56
400.78	8.25	.505	.2015	.00	8.25	252.55
400.83	8.35	.515	.2015	.00	8.35	257.53
400.88	8.46	.525	.2015	.00	8.46	262.51
400.93	8.56	.535	.2015	.00	8.56	267.49
400.98	8.66	.545	.2015	.00	8.66	272.47
401.00	8.69	.548	.2015	.00	8.69	274.13

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 1
Outflow HYG file = NONE STORED - BR-S OUT 1

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.33 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	3.32 cfs	at	12.1000 hrs
Peak Outflow	=	.35 cfs	at	12.9000 hrs
Peak Elevation	=	398.93 ft		
Peak Storage	=	.170 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.275
- Infiltration	=	.000
- HYG Vol OUT	=	.119
- Retained Vol	=	.156
Unrouted Vol	=	-.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-S OUT
HYG Tag = 1

Peak Discharge = .35 cfs
Time to Peak = 12.9000 hrs
HYG Volume = .119 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
5.6000	.00	.00	.00	.00	.00
5.8500	.00	.00	.00	.00	.00
6.1000	.00	.00	.00	.00	.00
6.3500	.00	.00	.00	.00	.00
6.6000	.00	.00	.00	.00	.00
6.8500	.00	.00	.00	.00	.00
7.1000	.00	.00	.00	.00	.00
7.3500	.00	.00	.00	.00	.00
7.6000	.00	.00	.00	.00	.00
7.8500	.00	.00	.00	.00	.00
8.1000	.00	.00	.00	.00	.00
8.3500	.00	.00	.00	.00	.00
8.6000	.00	.00	.00	.00	.00
8.8500	.00	.00	.00	.00	.00
9.1000	.00	.00	.00	.00	.00
9.3500	.00	.00	.00	.00	.00
9.6000	.00	.00	.00	.00	.00
9.8500	.00	.00	.00	.00	.00
10.1000	.00	.00	.00	.00	.00
10.3500	.00	.00	.00	.00	.00
10.6000	.00	.00	.00	.00	.00
10.8500	.00	.00	.00	.00	.00
11.1000	.00	.00	.00	.00	.00
11.3500	.00	.00	.00	.00	.00
11.6000	.00	.00	.00	.00	.00
11.8500	.00	.00	.00	.00	.00
12.1000	.00	.00	.00	.00	.00
12.3500	.00	.01	.08	.14	.21
12.6000	.25	.29	.31	.33	.34
12.8500	.35	.35	.35	.35	.35
13.1000	.35	.34	.34	.33	.33

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
13.3500	.32	.32	.31	.31	.30
13.6000	.30	.29	.29	.28	.28
13.8500	.27	.27	.26	.26	.25
14.1000	.25	.24	.24	.23	.23
14.3500	.22	.22	.22	.21	.21
14.6000	.21	.21	.20	.20	.20
14.8500	.19	.19	.19	.19	.18
15.1000	.18	.18	.18	.17	.17
15.3500	.17	.17	.16	.16	.16
15.6000	.16	.15	.15	.15	.15
15.8500	.14	.14	.14	.14	.14
16.1000	.13	.13	.13	.13	.13
16.3500	.13	.13	.12	.12	.12
16.6000	.12	.12	.12	.12	.11
16.8500	.11	.11	.11	.11	.11
17.1000	.11	.11	.10	.10	.10
17.3500	.10	.10	.10	.10	.10
17.6000	.10	.09	.09	.09	.09
17.8500	.09	.09	.09	.09	.09
18.1000	.08	.08	.08	.08	.08
18.3500	.08	.08	.08	.08	.08
18.6000	.08	.08	.07	.07	.07
18.8500	.07	.07	.07	.07	.07
19.1000	.07	.07	.07	.07	.07
19.3500	.07	.07	.07	.07	.07
19.6000	.07	.07	.06	.06	.06
19.8500	.06	.06	.06	.06	.06
20.1000	.06	.06	.06	.06	.06
20.3500	.06	.06	.06	.06	.06
20.6000	.06	.06	.06	.06	.06
20.8500	.06	.06	.06	.06	.06
21.1000	.06	.06	.06	.06	.05
21.3500	.05	.05	.05	.05	.05
21.6000	.05	.05	.05	.05	.05
21.8500	.05	.05	.05	.05	.05
22.1000	.05	.05	.05	.05	.05
22.3500	.05	.05	.05	.05	.05
22.6000	.05	.05	.05	.05	.05
22.8500	.05	.05	.05	.05	.05
23.1000	.05	.05	.05	.05	.04
23.3500	.04	.04	.04	.04	.04
23.6000	.04	.04	.04	.04	.04
23.8500	.04	.04	.04	.04	.04
24.1000	.04	.04	.03	.03	.03
24.3500	.03	.02	.02	.02	.02

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
24.6000	.02	.02	.02	.01	.01
24.8500	.01	.01	.01	.01	.01
25.1000	.01	.01	.01	.01	.01
25.3500	.01	.01	.00	.00	.00
25.6000	.00	.00	.00	.00	.00

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 2
Outflow HYG file = NONE STORED - BR-S OUT 2

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.33 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	4.27 cfs	at	12.1000 hrs
Peak Outflow	=	1.31 cfs	at	12.4000 hrs
Peak Elevation	=	399.05 ft		
Peak Storage	=	.190 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.359
- Infiltration	=	.000
- HYG Vol OUT	=	.203
- Retained Vol	=	.156
Unrouted Vol	=	.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-S OUT
HYG Tag = 2

Peak Discharge = 1.31 cfs
Time to Peak = 12.4000 hrs
HYG Volume = .203 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
4.8000	.00	.00	.00	.00	.00
5.0500	.00	.00	.00	.00	.00
5.3000	.00	.00	.00	.00	.00
5.5500	.00	.00	.00	.00	.00
5.8000	.00	.00	.00	.00	.00
6.0500	.00	.00	.00	.00	.00
6.3000	.00	.00	.00	.00	.00
6.5500	.00	.00	.00	.00	.00
6.8000	.00	.00	.00	.00	.00
7.0500	.00	.00	.00	.00	.00
7.3000	.00	.00	.00	.00	.00
7.5500	.00	.00	.00	.00	.00
7.8000	.00	.00	.00	.00	.00
8.0500	.00	.00	.00	.00	.00
8.3000	.00	.00	.00	.00	.00
8.5500	.00	.00	.00	.00	.00
8.8000	.00	.00	.00	.00	.00
9.0500	.00	.00	.00	.00	.00
9.3000	.00	.00	.00	.00	.00
9.5500	.00	.00	.00	.00	.00
9.8000	.00	.00	.00	.00	.00
10.0500	.00	.00	.00	.00	.00
10.3000	.00	.00	.00	.00	.00
10.5500	.00	.00	.00	.00	.00
10.8000	.00	.00	.00	.00	.00
11.0500	.00	.00	.00	.00	.00
11.3000	.00	.00	.00	.00	.00
11.5500	.00	.00	.00	.00	.00
11.8000	.00	.00	.00	.00	.00
12.0500	.00	.00	.19	.60	.92
12.3000	1.12	1.26	1.31	1.31	1.26

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
12.5500	1.17	1.08	1.00	.92	.85
12.8000	.79	.74	.70	.66	.62
13.0500	.59	.56	.53	.51	.48
13.3000	.46	.45	.43	.42	.41
13.5500	.40	.39	.38	.37	.36
13.8000	.35	.35	.34	.33	.33
14.0500	.32	.31	.31	.30	.29
14.3000	.29	.28	.28	.27	.27
14.5500	.27	.26	.26	.25	.25
14.8000	.25	.24	.24	.24	.23
15.0500	.23	.23	.22	.22	.22
15.3000	.21	.21	.21	.20	.20
15.5500	.20	.19	.19	.19	.19
15.8000	.18	.18	.18	.17	.17
16.0500	.17	.16	.16	.16	.16
16.3000	.15	.15	.15	.15	.14
16.5500	.14	.14	.14	.14	.14
16.8000	.14	.14	.13	.13	.13
17.0500	.13	.13	.13	.13	.13
17.3000	.13	.12	.12	.12	.12
17.5500	.12	.12	.12	.12	.11
17.8000	.11	.11	.11	.11	.11
18.0500	.11	.10	.10	.10	.10
18.3000	.10	.10	.10	.10	.10
18.5500	.10	.09	.09	.09	.09
18.8000	.09	.09	.09	.09	.09
19.0500	.09	.09	.09	.09	.09
19.3000	.09	.08	.08	.08	.08
19.5500	.08	.08	.08	.08	.08
19.8000	.08	.08	.08	.08	.08
20.0500	.08	.08	.08	.08	.08
20.3000	.08	.08	.08	.07	.07
20.5500	.07	.07	.07	.07	.07
20.8000	.07	.07	.07	.07	.07
21.0500	.07	.07	.07	.07	.07
21.3000	.07	.07	.07	.07	.07
21.5500	.07	.07	.07	.07	.07
21.8000	.07	.07	.06	.06	.06
22.0500	.06	.06	.06	.06	.06
22.3000	.06	.06	.06	.06	.06
22.5500	.06	.06	.06	.06	.06
22.8000	.06	.06	.06	.06	.06
23.0500	.06	.06	.06	.06	.06
23.3000	.06	.06	.06	.06	.05
23.5500	.05	.05	.05	.05	.05

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
23.8000	.05	.05	.05	.05	.05
24.0500	.05	.05	.05	.04	.04
24.3000	.04	.03	.03	.03	.03
24.5500	.02	.02	.02	.02	.02
24.8000	.02	.02	.01	.01	.01
25.0500	.01	.01	.01	.01	.01
25.3000	.01	.01	.01	.01	.01
25.5500	.01	.00	.00	.00	.00
25.8000	.00	.00	.00	.00	

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 10
Outflow HYG file = NONE STORED - BR-S OUT 10

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.33 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	6.86 cfs	at	12.1000 hrs
Peak Outflow	=	4.35 cfs	at	12.2000 hrs
Peak Elevation	=	399.38 ft		
Peak Storage	=	.241 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.595
- Infiltration	=	.000
- HYG Vol OUT	=	.439
- Retained Vol	=	.156
Unrouted Vol	=	-.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-S OUT
HYG Tag = 10

Peak Discharge = 4.35 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .439 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
3.4000	.00	.00	.00	.00	.00
3.6500	.00	.00	.00	.00	.00
3.9000	.00	.00	.00	.00	.00
4.1500	.00	.00	.00	.00	.00
4.4000	.00	.00	.00	.00	.00
4.6500	.00	.00	.00	.00	.00
4.9000	.00	.00	.00	.00	.00
5.1500	.00	.00	.00	.00	.00
5.4000	.00	.00	.00	.00	.00
5.6500	.00	.00	.00	.00	.00
5.9000	.00	.00	.00	.00	.00
6.1500	.00	.00	.00	.00	.00
6.4000	.00	.00	.00	.00	.00
6.6500	.00	.00	.00	.00	.00
6.9000	.00	.00	.00	.00	.00
7.1500	.00	.00	.00	.00	.00
7.4000	.00	.00	.00	.00	.00
7.6500	.00	.00	.00	.00	.00
7.9000	.00	.00	.00	.00	.00
8.1500	.00	.00	.00	.00	.00
8.4000	.00	.00	.00	.00	.00
8.6500	.00	.00	.00	.00	.00
8.9000	.00	.00	.00	.00	.00
9.1500	.00	.00	.00	.00	.00
9.4000	.00	.00	.00	.00	.00
9.6500	.00	.00	.00	.00	.00
9.9000	.00	.00	.00	.00	.00
10.1500	.00	.00	.00	.00	.00
10.4000	.00	.00	.00	.00	.00
10.6500	.00	.00	.00	.00	.00
10.9000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.1500	.00	.00	.00	.00	.00
11.4000	.00	.00	.00	.00	.00
11.6500	.00	.00	.00	.00	.09
11.9000	.44	1.06	2.00	3.12	4.00
12.1500	4.30	4.35	4.29	4.18	3.94
12.4000	3.60	3.18	2.79	2.43	2.11
12.6500	1.85	1.64	1.47	1.34	1.23
12.9000	1.13	1.05	.98	.92	.86
13.1500	.82	.77	.74	.71	.69
13.4000	.66	.64	.63	.61	.59
13.6500	.58	.57	.55	.54	.53
13.9000	.52	.50	.49	.48	.47
14.1500	.46	.45	.44	.44	.43
14.4000	.42	.41	.41	.40	.40
14.6500	.39	.39	.38	.38	.37
14.9000	.37	.36	.36	.35	.35
15.1500	.35	.34	.34	.33	.33
15.4000	.32	.32	.31	.31	.30
15.6500	.30	.29	.29	.28	.28
15.9000	.27	.27	.26	.26	.25
16.1500	.25	.25	.24	.24	.23
16.4000	.23	.23	.22	.22	.22
16.6500	.22	.21	.21	.21	.21
16.9000	.20	.20	.20	.20	.19
17.1500	.19	.19	.19	.19	.18
17.4000	.18	.18	.18	.17	.17
17.6500	.17	.17	.17	.16	.16
17.9000	.16	.16	.15	.15	.15
18.1500	.15	.15	.15	.14	.14
18.4000	.14	.14	.14	.14	.14
18.6500	.14	.14	.14	.14	.14
18.9000	.13	.13	.13	.13	.13
19.1500	.13	.13	.13	.13	.13
19.4000	.13	.13	.13	.13	.13
19.6500	.12	.12	.12	.12	.12
19.9000	.12	.12	.12	.12	.12
20.1500	.12	.12	.12	.12	.12
20.4000	.12	.11	.11	.11	.11
20.6500	.11	.11	.11	.11	.11
20.9000	.11	.11	.11	.11	.11
21.1500	.11	.11	.11	.11	.11
21.4000	.10	.10	.10	.10	.10
21.6500	.10	.10	.10	.10	.10
21.9000	.10	.10	.10	.10	.10
22.1500	.10	.10	.10	.10	.10

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
22.4000	.10	.09	.09	.09	.09
22.6500	.09	.09	.09	.09	.09
22.9000	.09	.09	.09	.09	.09
23.1500	.09	.09	.09	.09	.09
23.4000	.09	.09	.08	.08	.08
23.6500	.08	.08	.08	.08	.08
23.9000	.08	.08	.08	.08	.07
24.1500	.07	.06	.06	.06	.05
24.4000	.05	.04	.04	.04	.03
24.6500	.03	.03	.03	.03	.02
24.9000	.02	.02	.02	.02	.02
25.1500	.01	.01	.01	.01	.01
25.4000	.01	.01	.01	.01	.01
25.6500	.01	.01	.01	.01	.01
25.9000	.00	.00	.00	.00	.00
26.1500	.00	.00			

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 25
Outflow HYG file = NONE STORED - BR-S OUT 25

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.33 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	8.89 cfs	at	12.1000 hrs
Peak Outflow	=	5.25 cfs	at	12.2000 hrs
Peak Elevation	=	399.62 ft		
Peak Storage	=	.283 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.785
- Infiltration	=	.000
- HYG Vol OUT	=	.629
- Retained Vol	=	.156
Unrouted Vol	=	.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-S OUT
HYG Tag = 25

Peak Discharge = 5.25 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .629 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
2.7500	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.2500	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
3.7500	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.2500	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
4.7500	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.2500	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00
5.7500	.00	.00	.00	.00	.00
6.0000	.00	.00	.00	.00	.00
6.2500	.00	.00	.00	.00	.00
6.5000	.00	.00	.00	.00	.00
6.7500	.00	.00	.00	.00	.00
7.0000	.00	.00	.00	.00	.00
7.2500	.00	.00	.00	.00	.00
7.5000	.00	.00	.00	.00	.00
7.7500	.00	.00	.00	.00	.00
8.0000	.00	.00	.00	.00	.00
8.2500	.00	.00	.00	.00	.00
8.5000	.00	.00	.00	.00	.00
8.7500	.00	.00	.00	.00	.00
9.0000	.00	.00	.00	.00	.00
9.2500	.00	.00	.00	.00	.00
9.5000	.00	.00	.00	.00	.00
9.7500	.00	.00	.00	.00	.00
10.0000	.00	.00	.00	.00	.00
10.2500	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
10.5000	.00	.00	.00	.00	.00
10.7500	.00	.00	.00	.00	.00
11.0000	.00	.00	.00	.00	.00
11.2500	.00	.00	.00	.00	.00
11.5000	.08	.18	.34	.56	.84
11.7500	1.18	1.58	2.03	2.51	3.18
12.0000	4.08	4.54	4.91	5.16	5.25
12.2500	5.21	5.13	5.00	4.85	4.66
12.5000	4.43	4.17	3.64	3.01	2.54
12.7500	2.20	1.93	1.73	1.56	1.42
13.0000	1.31	1.21	1.13	1.06	1.00
13.2500	.96	.91	.88	.85	.82
13.5000	.79	.77	.75	.73	.71
13.7500	.70	.68	.67	.66	.64
14.0000	.63	.61	.60	.59	.58
14.2500	.57	.56	.55	.54	.53
14.5000	.52	.52	.51	.50	.49
14.7500	.49	.48	.47	.47	.46
15.0000	.45	.45	.44	.43	.43
15.2500	.42	.42	.41	.40	.40
15.5000	.39	.39	.38	.38	.37
15.7500	.36	.36	.35	.35	.34
16.0000	.33	.33	.32	.32	.31
16.2500	.31	.30	.30	.29	.29
16.5000	.29	.28	.28	.28	.27
16.7500	.27	.27	.26	.26	.26
17.0000	.25	.25	.25	.25	.24
17.2500	.24	.24	.23	.23	.23
17.5000	.23	.22	.22	.22	.21
17.7500	.21	.21	.21	.20	.20
18.0000	.20	.20	.19	.19	.19
18.2500	.19	.18	.18	.18	.18
18.5000	.18	.18	.18	.17	.17
18.7500	.17	.17	.17	.17	.17
19.0000	.17	.17	.16	.16	.16
19.2500	.16	.16	.16	.16	.16
19.5000	.16	.16	.16	.16	.15
19.7500	.15	.15	.15	.15	.15
20.0000	.15	.15	.15	.15	.15
20.2500	.15	.14	.14	.14	.14
20.5000	.14	.14	.14	.14	.14
20.7500	.14	.14	.14	.14	.14
21.0000	.14	.14	.14	.14	.14
21.2500	.13	.13	.13	.13	.13
21.5000	.13	.13	.13	.13	.13

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
21.7500	.13	.13	.13	.13	.13
22.0000	.13	.13	.12	.12	.12
22.2500	.12	.12	.12	.12	.12
22.5000	.12	.12	.12	.12	.12
22.7500	.12	.12	.12	.12	.11
23.0000	.11	.11	.11	.11	.11
23.2500	.11	.11	.11	.11	.11
23.5000	.11	.11	.11	.11	.11
23.7500	.10	.10	.10	.10	.10
24.0000	.10	.10	.10	.09	.08
24.2500	.08	.07	.07	.06	.06
24.5000	.05	.05	.04	.04	.04
24.7500	.04	.03	.03	.03	.03
25.0000	.02	.02	.02	.02	.02
25.2500	.02	.02	.01	.01	.01
25.5000	.01	.01	.01	.01	.01
25.7500	.01	.01	.01	.01	.01
26.0000	.01	.00	.00	.00	.00
26.2500	.00	.00	.00		

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 50
Outflow HYG file = NONE STORED - BR-S OUT 50

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.33 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	10.76 cfs	at	12.1000 hrs
Peak Outflow	=	5.88 cfs	at	12.2000 hrs
Peak Elevation	=	399.83 ft		
Peak Storage	=	.319 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.963
- Infiltration	=	.000
- HYG Vol OUT	=	.807
- Retained Vol	=	.156
Unrouted Vol	=	-.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-S OUT
HYG Tag = 50

Peak Discharge = 5.88 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .807 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
2.3500	.00	.00	.00	.00	.00
2.6000	.00	.00	.00	.00	.00
2.8500	.00	.00	.00	.00	.00
3.1000	.00	.00	.00	.00	.00
3.3500	.00	.00	.00	.00	.00
3.6000	.00	.00	.00	.00	.00
3.8500	.00	.00	.00	.00	.00
4.1000	.00	.00	.00	.00	.00
4.3500	.00	.00	.00	.00	.00
4.6000	.00	.00	.00	.00	.00
4.8500	.00	.00	.00	.00	.00
5.1000	.00	.00	.00	.00	.00
5.3500	.00	.00	.00	.00	.00
5.6000	.00	.00	.00	.00	.00
5.8500	.00	.00	.00	.00	.00
6.1000	.00	.00	.00	.00	.00
6.3500	.00	.00	.00	.00	.00
6.6000	.00	.00	.00	.00	.00
6.8500	.00	.00	.00	.00	.00
7.1000	.00	.00	.00	.00	.00
7.3500	.00	.00	.00	.00	.00
7.6000	.00	.00	.00	.00	.00
7.8500	.00	.00	.00	.00	.00
8.1000	.00	.00	.00	.00	.00
8.3500	.00	.00	.00	.00	.00
8.6000	.00	.00	.00	.00	.00
8.8500	.00	.00	.00	.00	.00
9.1000	.00	.00	.00	.00	.00
9.3500	.00	.00	.00	.00	.00
9.6000	.00	.00	.00	.00	.00
9.8500	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
10.1000	.00	.00	.00	.00	.00
10.3500	.00	.00	.00	.00	.00
10.6000	.00	.00	.00	.00	.00
10.8500	.00	.00	.06	.11	.19
11.1000	.28	.37	.46	.56	.65
11.3500	.73	.83	.91	.99	1.09
11.6000	1.23	1.42	1.69	2.03	2.45
11.8500	2.93	3.45	4.06	4.55	5.03
12.1000	5.46	5.76	5.88	5.88	5.82
12.3500	5.71	5.58	5.40	5.19	4.95
12.6000	4.68	4.39	4.05	3.46	2.89
12.8500	2.47	2.16	1.91	1.72	1.56
13.1000	1.43	1.33	1.24	1.17	1.11
13.3500	1.07	1.03	.99	.96	.93
13.6000	.91	.88	.86	.84	.82
13.8500	.80	.78	.76	.74	.73
14.1000	.71	.70	.69	.68	.67
14.3500	.66	.65	.64	.63	.62
14.6000	.61	.60	.59	.58	.58
14.8500	.57	.56	.55	.54	.54
15.1000	.53	.52	.51	.51	.50
15.3500	.49	.48	.48	.47	.46
15.6000	.45	.45	.44	.43	.42
15.8500	.42	.41	.40	.39	.39
16.1000	.38	.38	.37	.37	.36
16.3500	.36	.35	.35	.34	.34
16.6000	.33	.33	.33	.32	.32
16.8500	.32	.31	.31	.31	.30
17.1000	.30	.29	.29	.29	.28
17.3500	.28	.28	.27	.27	.27
17.6000	.26	.26	.26	.25	.25
17.8500	.25	.24	.24	.24	.23
18.1000	.23	.23	.23	.22	.22
18.3500	.22	.22	.22	.21	.21
18.6000	.21	.21	.21	.21	.20
18.8500	.20	.20	.20	.20	.20
19.1000	.20	.20	.20	.19	.19
19.3500	.19	.19	.19	.19	.19
19.6000	.19	.19	.19	.18	.18
19.8500	.18	.18	.18	.18	.18
20.1000	.18	.18	.18	.17	.17
20.3500	.17	.17	.17	.17	.17
20.6000	.17	.17	.17	.17	.17
20.8500	.16	.16	.16	.16	.16
21.1000	.16	.16	.16	.16	.16

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
21.3500	.16	.16	.16	.16	.15
21.6000	.15	.15	.15	.15	.15
21.8500	.15	.15	.15	.15	.15
22.1000	.15	.15	.14	.14	.14
22.3500	.14	.14	.14	.14	.14
22.6000	.14	.14	.14	.14	.14
22.8500	.14	.14	.14	.14	.13
23.1000	.13	.13	.13	.13	.13
23.3500	.13	.13	.13	.13	.13
23.6000	.13	.13	.13	.13	.12
23.8500	.12	.12	.12	.12	.12
24.1000	.11	.11	.10	.09	.08
24.3500	.08	.07	.07	.06	.06
24.6000	.05	.05	.05	.04	.04
24.8500	.04	.03	.03	.03	.03
25.1000	.02	.02	.02	.02	.02
25.3500	.02	.02	.01	.01	.01
25.6000	.01	.01	.01	.01	.01
25.8500	.01	.01	.01	.01	.01
26.1000	.01	.00	.00	.00	.00
26.3500	.00	.00	.00	.00	

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - BR-S IN 100
Outflow HYG file = NONE STORED - BR-S OUT 100

Pond Node Data = BR-S
Pond Volume Data = BR-S
Pond Outlet Data = BR-S OCS to Wtld

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.33 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	13.02 cfs	at	12.1000 hrs
Peak Outflow	=	6.59 cfs	at	12.2500 hrs
Peak Elevation	=	400.08 ft		
Peak Storage	=	.365 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	1.179
- Infiltration	=	.000
- HYG Vol OUT	=	1.024
- Retained Vol	=	.156
Unrouted Vol	=	-.000 ac-ft (.000% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = BR-S OUT
HYG Tag = 100

Peak Discharge = 6.59 cfs
Time to Peak = 12.2500 hrs
HYG Volume = 1.024 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
1.9500	.00	.00	.00	.00	.00
2.2000	.00	.00	.00	.00	.00
2.4500	.00	.00	.00	.00	.00
2.7000	.00	.00	.00	.00	.00
2.9500	.00	.00	.00	.00	.00
3.2000	.00	.00	.00	.00	.00
3.4500	.00	.00	.00	.00	.00
3.7000	.00	.00	.00	.00	.00
3.9500	.00	.00	.00	.00	.00
4.2000	.00	.00	.00	.00	.00
4.4500	.00	.00	.00	.00	.00
4.7000	.00	.00	.00	.00	.00
4.9500	.00	.00	.00	.00	.00
5.2000	.00	.00	.00	.00	.00
5.4500	.00	.00	.00	.00	.00
5.7000	.00	.00	.00	.00	.00
5.9500	.00	.00	.00	.00	.00
6.2000	.00	.00	.00	.00	.00
6.4500	.00	.00	.00	.00	.00
6.7000	.00	.00	.00	.00	.00
6.9500	.00	.00	.00	.00	.00
7.2000	.00	.00	.00	.00	.00
7.4500	.00	.00	.00	.00	.00
7.7000	.00	.00	.00	.00	.00
7.9500	.00	.00	.00	.00	.00
8.2000	.00	.00	.00	.00	.00
8.4500	.00	.00	.00	.00	.00
8.7000	.00	.00	.00	.00	.00
8.9500	.00	.00	.00	.00	.00
9.2000	.00	.00	.00	.00	.00
9.4500	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
9.7000	.00	.00	.00	.00	.00
9.9500	.00	.00	.00	.00	.00
10.2000	.00	.00	.05	.10	.16
10.4500	.25	.32	.39	.47	.54
10.7000	.60	.66	.71	.75	.80
10.9500	.84	.87	.91	.95	.99
11.2000	1.03	1.08	1.13	1.20	1.26
11.4500	1.33	1.39	1.49	1.63	1.86
11.7000	2.18	2.61	3.12	3.70	4.13
11.9500	4.48	5.00	5.55	6.05	6.40
12.2000	6.56	6.59	6.55	6.48	6.36
12.4500	6.21	6.01	5.79	5.53	5.26
12.7000	4.98	4.70	4.42	4.11	3.55
12.9500	2.97	2.53	2.21	1.96	1.77
13.2000	1.62	1.50	1.41	1.34	1.27
13.4500	1.22	1.17	1.13	1.10	1.07
13.7000	1.04	1.01	.99	.96	.94
13.9500	.92	.90	.88	.86	.84
14.2000	.82	.81	.79	.78	.77
14.4500	.76	.75	.74	.73	.72
14.7000	.71	.70	.69	.68	.67
14.9500	.66	.65	.64	.64	.63
15.2000	.62	.61	.60	.59	.58
15.4500	.57	.56	.55	.55	.54
15.7000	.53	.52	.51	.50	.49
15.9500	.48	.47	.46	.46	.45
16.2000	.44	.43	.43	.42	.42
16.4500	.41	.40	.40	.40	.39
16.7000	.39	.38	.38	.38	.37
16.9500	.37	.36	.36	.36	.35
17.2000	.35	.35	.34	.34	.33
17.4500	.33	.33	.32	.32	.31
17.7000	.31	.31	.30	.30	.29
17.9500	.29	.29	.28	.28	.27
18.2000	.27	.27	.27	.26	.26
18.4500	.26	.26	.25	.25	.25
18.7000	.25	.25	.25	.24	.24
18.9500	.24	.24	.24	.24	.24
19.2000	.24	.23	.23	.23	.23
19.4500	.23	.23	.23	.23	.22
19.7000	.22	.22	.22	.22	.22
19.9500	.22	.22	.21	.21	.21
20.2000	.21	.21	.21	.21	.21
20.4500	.21	.20	.20	.20	.20
20.7000	.20	.20	.20	.20	.20

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.9500	.20	.20	.19	.19	.19
21.2000	.19	.19	.19	.19	.19
21.4500	.19	.19	.19	.18	.18
21.7000	.18	.18	.18	.18	.18
21.9500	.18	.18	.18	.18	.17
22.2000	.17	.17	.17	.17	.17
22.4500	.17	.17	.17	.17	.17
22.7000	.17	.16	.16	.16	.16
22.9500	.16	.16	.16	.16	.16
23.2000	.16	.16	.15	.15	.15
23.4500	.15	.15	.15	.15	.15
23.7000	.15	.15	.15	.14	.14
23.9500	.14	.14	.14	.13	.12
24.2000	.11	.11	.10	.09	.08
24.4500	.08	.07	.07	.06	.06
24.7000	.05	.05	.05	.04	.04
24.9500	.04	.03	.03	.03	.03
25.2000	.02	.02	.02	.02	.02
25.4500	.02	.02	.01	.01	.01
25.7000	.01	.01	.01	.01	.01
25.9500	.01	.01	.01	.01	.01
26.2000	.01	.00	.00	.00	.00
26.4500	.00	.00	.00	.00	

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-S TO WETLAND
HYG Tag = 1

Peak Discharge = .35 cfs
Time to Peak = 12.9000 hrs
HYG Volume = .119 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.3500	.00	.01	.08	.14	.21
12.6000	.25	.29	.31	.33	.34
12.8500	.35	.35	.35	.35	.35
13.1000	.35	.34	.34	.33	.33
13.3500	.32	.32	.31	.31	.30
13.6000	.30	.29	.29	.28	.28
13.8500	.27	.27	.26	.26	.25
14.1000	.25	.24	.24	.23	.23
14.3500	.22	.22	.22	.21	.21
14.6000	.21	.21	.20	.20	.20
14.8500	.19	.19	.19	.19	.18
15.1000	.18	.18	.18	.17	.17
15.3500	.17	.17	.16	.16	.16
15.6000	.16	.15	.15	.15	.15
15.8500	.14	.14	.14	.14	.14
16.1000	.13	.13	.13	.13	.13
16.3500	.13	.13	.12	.12	.12
16.6000	.12	.12	.12	.12	.11
16.8500	.11	.11	.11	.11	.11
17.1000	.11	.11	.10	.10	.10
17.3500	.10	.10	.10	.10	.10
17.6000	.10	.09	.09	.09	.09
17.8500	.09	.09	.09	.09	.09
18.1000	.08	.08	.08	.08	.08
18.3500	.08	.08	.08	.08	.08
18.6000	.08	.08	.07	.07	.07
18.8500	.07	.07	.07	.07	.07
19.1000	.07	.07	.07	.07	.07
19.3500	.07	.07	.07	.07	.07
19.6000	.07	.07	.06	.06	.06
19.8500	.06	.06	.06	.06	.06

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.1000	.06	.06	.06	.06	.06
20.3500	.06	.06	.06	.06	.06
20.6000	.06	.06	.06	.06	.06
20.8500	.06	.06	.06	.06	.06
21.1000	.06	.06	.06	.06	.05
21.3500	.05	.05	.05	.05	.05
21.6000	.05	.05	.05	.05	.05
21.8500	.05	.05	.05	.05	.05
22.1000	.05	.05	.05	.05	.05
22.3500	.05	.05	.05	.05	.05
22.6000	.05	.05	.05	.05	.05
22.8500	.05	.05	.05	.05	.05
23.1000	.05	.05	.05	.05	.04
23.3500	.04	.04	.04	.04	.04
23.6000	.04	.04	.04	.04	.04
23.8500	.04	.04	.04	.04	.04
24.1000	.04	.04	.03	.03	.03
24.3500	.03	.02	.02	.02	.02
24.6000	.02	.02	.02	.01	.01
24.8500	.01	.01	.01	.01	.01
25.1000	.01	.01	.01	.01	.01
25.3500	.01	.01	.00	.00	.00
25.6000	.00	.00	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = WETLAND IN
HYG Tag = 1

Peak Discharge = .81 cfs
Time to Peak = 12.8500 hrs
HYG Volume = .265 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.3000	.00	.09	.18	.36	.48
12.5500	.59	.67	.72	.76	.78
12.8000	.80	.81	.81	.81	.80
13.0500	.79	.77	.76	.74	.73
13.3000	.72	.71	.70	.68	.67
13.5500	.66	.65	.64	.63	.62
13.8000	.60	.59	.58	.57	.56
14.0500	.55	.54	.53	.52	.51
14.3000	.50	.49	.48	.48	.47
14.5500	.46	.45	.45	.44	.44
14.8000	.43	.42	.42	.41	.40
15.0500	.40	.39	.39	.38	.38
15.3000	.37	.36	.36	.35	.35
15.5500	.34	.34	.33	.33	.32
15.8000	.32	.31	.30	.30	.30
16.0500	.29	.29	.28	.28	.28
16.3000	.27	.27	.26	.26	.26
16.5500	.26	.25	.25	.25	.25
16.8000	.24	.24	.24	.24	.24
17.0500	.23	.23	.23	.23	.22
17.3000	.22	.22	.22	.21	.21
17.5500	.21	.21	.20	.20	.20
17.8000	.20	.19	.19	.19	.19
18.0500	.19	.18	.18	.18	.18
18.3000	.17	.17	.17	.17	.17
18.5500	.17	.16	.16	.16	.16
18.8000	.16	.16	.16	.16	.15
19.0500	.15	.15	.15	.15	.15
19.3000	.15	.15	.15	.14	.14
19.5500	.14	.14	.14	.14	.14
19.8000	.14	.14	.14	.14	.14

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-S TO WETLAND
HYG Tag = 2

Peak Discharge = 1.31 cfs
Time to Peak = 12.4000 hrs
HYG Volume = .203 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.1000	.00	.19	.60	.92	1.12
12.3500	1.26	1.31	1.31	1.26	1.17
12.6000	1.08	1.00	.92	.85	.79
12.8500	.74	.70	.66	.62	.59
13.1000	.56	.53	.51	.48	.46
13.3500	.45	.43	.42	.41	.40
13.6000	.39	.38	.37	.36	.35
13.8500	.35	.34	.33	.33	.32
14.1000	.31	.31	.30	.29	.29
14.3500	.28	.28	.27	.27	.27
14.6000	.26	.26	.25	.25	.25
14.8500	.24	.24	.24	.23	.23
15.1000	.23	.22	.22	.22	.21
15.3500	.21	.21	.20	.20	.20
15.6000	.19	.19	.19	.19	.18
15.8500	.18	.18	.17	.17	.17
16.1000	.16	.16	.16	.16	.15
16.3500	.15	.15	.15	.14	.14
16.6000	.14	.14	.14	.14	.14
16.8500	.14	.13	.13	.13	.13
17.1000	.13	.13	.13	.13	.13
17.3500	.12	.12	.12	.12	.12
17.6000	.12	.12	.12	.11	.11
17.8500	.11	.11	.11	.11	.11
18.1000	.10	.10	.10	.10	.10
18.3500	.10	.10	.10	.10	.10
18.6000	.09	.09	.09	.09	.09
18.8500	.09	.09	.09	.09	.09
19.1000	.09	.09	.09	.09	.09
19.3500	.08	.08	.08	.08	.08
19.6000	.08	.08	.08	.08	.08

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.8500	.08	.08	.08	.08	.08
20.1000	.08	.08	.08	.08	.08
20.3500	.08	.08	.07	.07	.07
20.6000	.07	.07	.07	.07	.07
20.8500	.07	.07	.07	.07	.07
21.1000	.07	.07	.07	.07	.07
21.3500	.07	.07	.07	.07	.07
21.6000	.07	.07	.07	.07	.07
21.8500	.07	.06	.06	.06	.06
22.1000	.06	.06	.06	.06	.06
22.3500	.06	.06	.06	.06	.06
22.6000	.06	.06	.06	.06	.06
22.8500	.06	.06	.06	.06	.06
23.1000	.06	.06	.06	.06	.06
23.3500	.06	.06	.06	.05	.05
23.6000	.05	.05	.05	.05	.05
23.8500	.05	.05	.05	.05	.05
24.1000	.05	.05	.04	.04	.04
24.3500	.03	.03	.03	.03	.02
24.6000	.02	.02	.02	.02	.02
24.8500	.02	.01	.01	.01	.01
25.1000	.01	.01	.01	.01	.01
25.3500	.01	.01	.01	.01	.01
25.6000	.00	.00	.00	.00	.00
25.8500	.00	.00	.00		

TOTAL NODE INFLOW...
HYG file =
HYG ID = WETLAND IN
HYG Tag = 2

Peak Discharge = 2.76 cfs
Time to Peak = 12.4000 hrs
HYG Volume = .440 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.0500	.00	.06	.62	1.43	2.01
12.3000	2.40	2.65	2.76	2.75	2.66
12.5500	2.51	2.33	2.16	2.01	1.87
12.8000	1.75	1.64	1.55	1.46	1.38
13.0500	1.31	1.24	1.18	1.13	1.08
13.3000	1.04	1.00	.97	.93	.90
13.5500	.88	.86	.83	.81	.79
13.8000	.77	.75	.74	.72	.71
14.0500	.69	.68	.66	.65	.64
14.3000	.63	.62	.61	.60	.59
14.5500	.58	.57	.56	.55	.54
14.8000	.53	.53	.52	.51	.50
15.0500	.50	.49	.48	.47	.47
15.3000	.46	.45	.45	.44	.43
15.5500	.43	.42	.41	.41	.40
15.8000	.39	.39	.38	.37	.37
16.0500	.36	.35	.35	.34	.33
16.3000	.33	.32	.32	.32	.31
16.5500	.31	.30	.30	.30	.29
16.8000	.29	.29	.28	.28	.28
17.0500	.28	.27	.27	.27	.27
17.3000	.26	.26	.26	.26	.25
17.5500	.25	.25	.25	.24	.24
17.8000	.24	.24	.23	.23	.23
18.0500	.23	.22	.22	.22	.22
18.3000	.21	.21	.21	.21	.21
18.5500	.20	.20	.20	.20	.20
18.8000	.20	.19	.19	.19	.19
19.0500	.19	.19	.19	.18	.18
19.3000	.18	.18	.18	.18	.18
19.5500	.18	.18	.17	.17	.17

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-S TO WETLAND
HYG Tag = 10

Peak Discharge = 4.35 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .439 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.8000	.00	.09	.44	1.06	2.00
12.0500	3.12	4.00	4.30	4.35	4.29
12.3000	4.18	3.94	3.60	3.18	2.79
12.5500	2.43	2.11	1.85	1.64	1.47
12.8000	1.34	1.23	1.13	1.05	.98
13.0500	.92	.86	.82	.77	.74
13.3000	.71	.69	.66	.64	.63
13.5500	.61	.59	.58	.57	.55
13.8000	.54	.53	.52	.50	.49
14.0500	.48	.47	.46	.45	.44
14.3000	.44	.43	.42	.41	.41
14.5500	.40	.40	.39	.39	.38
14.8000	.38	.37	.37	.36	.36
15.0500	.35	.35	.35	.34	.34
15.3000	.33	.33	.32	.32	.31
15.5500	.31	.30	.30	.29	.29
15.8000	.28	.28	.27	.27	.26
16.0500	.26	.25	.25	.25	.24
16.3000	.24	.23	.23	.23	.22
16.5500	.22	.22	.22	.21	.21
16.8000	.21	.21	.20	.20	.20
17.0500	.20	.19	.19	.19	.19
17.3000	.19	.18	.18	.18	.18
17.5500	.17	.17	.17	.17	.17
17.8000	.16	.16	.16	.16	.15
18.0500	.15	.15	.15	.15	.15
18.3000	.14	.14	.14	.14	.14
18.5500	.14	.14	.14	.14	.14
18.8000	.14	.14	.13	.13	.13
19.0500	.13	.13	.13	.13	.13
19.3000	.13	.13	.13	.13	.13

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.5500	.13	.13	.12	.12	.12
19.8000	.12	.12	.12	.12	.12
20.0500	.12	.12	.12	.12	.12
20.3000	.12	.12	.12	.11	.11
20.5500	.11	.11	.11	.11	.11
20.8000	.11	.11	.11	.11	.11
21.0500	.11	.11	.11	.11	.11
21.3000	.11	.11	.10	.10	.10
21.5500	.10	.10	.10	.10	.10
21.8000	.10	.10	.10	.10	.10
22.0500	.10	.10	.10	.10	.10
22.3000	.10	.10	.10	.09	.09
22.5500	.09	.09	.09	.09	.09
22.8000	.09	.09	.09	.09	.09
23.0500	.09	.09	.09	.09	.09
23.3000	.09	.09	.09	.09	.08
23.5500	.08	.08	.08	.08	.08
23.8000	.08	.08	.08	.08	.08
24.0500	.08	.07	.07	.06	.06
24.3000	.06	.05	.05	.04	.04
24.5500	.04	.03	.03	.03	.03
24.8000	.03	.02	.02	.02	.02
25.0500	.02	.02	.01	.01	.01
25.3000	.01	.01	.01	.01	.01
25.5500	.01	.01	.01	.01	.01
25.8000	.01	.01	.00	.00	.00
26.0500	.00	.00	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = WETLAND IN
HYG Tag = 10

Peak Discharge = 8.67 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .930 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.7500	.00	.06	.39	1.11	2.27
12.0000	4.04	6.15	7.89	8.54	8.67
12.2500	8.59	8.42	8.07	7.53	6.83
12.5000	6.06	5.34	4.69	4.15	3.70
12.7500	3.34	3.04	2.78	2.57	2.38
13.0000	2.22	2.07	1.94	1.83	1.74
13.2500	1.65	1.58	1.52	1.47	1.42
13.5000	1.37	1.33	1.29	1.26	1.23
13.7500	1.20	1.17	1.14	1.11	1.08
14.0000	1.06	1.03	1.01	.99	.97
14.2500	.95	.93	.91	.90	.88
14.5000	.87	.86	.84	.83	.82
14.7500	.81	.80	.79	.77	.76
15.0000	.75	.74	.74	.73	.72
15.2500	.71	.70	.69	.68	.67
15.5000	.66	.65	.64	.63	.62
15.7500	.61	.60	.59	.58	.57
16.0000	.56	.55	.54	.53	.52
16.2500	.51	.50	.50	.49	.48
16.5000	.48	.47	.46	.46	.45
16.7500	.45	.44	.44	.43	.42
17.0000	.42	.41	.41	.40	.40
17.2500	.40	.39	.39	.38	.38
17.5000	.37	.37	.36	.36	.35
17.7500	.35	.34	.34	.34	.33
18.0000	.33	.32	.32	.31	.31
18.2500	.31	.30	.30	.30	.29
18.5000	.29	.29	.29	.29	.29
18.7500	.28	.28	.28	.28	.28
19.0000	.28	.27	.27	.27	.27
19.2500	.27	.27	.27	.27	.26

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-S TO WETLAND
HYG Tag = 25

Peak Discharge = 5.25 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .629 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.4500	.00	.08	.18	.34	.56
11.7000	.84	1.18	1.58	2.03	2.51
11.9500	3.18	4.08	4.54	4.91	5.16
12.2000	5.25	5.21	5.13	5.00	4.85
12.4500	4.66	4.43	4.17	3.64	3.01
12.7000	2.54	2.20	1.93	1.73	1.56
12.9500	1.42	1.31	1.21	1.13	1.06
13.2000	1.00	.96	.91	.88	.85
13.4500	.82	.79	.77	.75	.73
13.7000	.71	.70	.68	.67	.66
13.9500	.64	.63	.61	.60	.59
14.2000	.58	.57	.56	.55	.54
14.4500	.53	.52	.52	.51	.50
14.7000	.49	.49	.48	.47	.47
14.9500	.46	.45	.45	.44	.43
15.2000	.43	.42	.42	.41	.40
15.4500	.40	.39	.39	.38	.38
15.7000	.37	.36	.36	.35	.35
15.9500	.34	.33	.33	.32	.32
16.2000	.31	.31	.30	.30	.29
16.4500	.29	.29	.28	.28	.28
16.7000	.27	.27	.27	.26	.26
16.9500	.26	.25	.25	.25	.25
17.2000	.24	.24	.24	.23	.23
17.4500	.23	.23	.22	.22	.22
17.7000	.21	.21	.21	.21	.20
17.9500	.20	.20	.20	.19	.19
18.2000	.19	.19	.18	.18	.18
18.4500	.18	.18	.18	.18	.17
18.7000	.17	.17	.17	.17	.17
18.9500	.17	.17	.17	.16	.16

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.2000	.16	.16	.16	.16	.16
19.4500	.16	.16	.16	.16	.16
19.7000	.15	.15	.15	.15	.15
19.9500	.15	.15	.15	.15	.15
20.2000	.15	.15	.14	.14	.14
20.4500	.14	.14	.14	.14	.14
20.7000	.14	.14	.14	.14	.14
20.9500	.14	.14	.14	.14	.14
21.2000	.14	.13	.13	.13	.13
21.4500	.13	.13	.13	.13	.13
21.7000	.13	.13	.13	.13	.13
21.9500	.13	.13	.13	.12	.12
22.2000	.12	.12	.12	.12	.12
22.4500	.12	.12	.12	.12	.12
22.7000	.12	.12	.12	.12	.12
22.9500	.11	.11	.11	.11	.11
23.2000	.11	.11	.11	.11	.11
23.4500	.11	.11	.11	.11	.11
23.7000	.11	.10	.10	.10	.10
23.9500	.10	.10	.10	.10	.09
24.2000	.08	.08	.07	.07	.06
24.4500	.06	.05	.05	.04	.04
24.7000	.04	.04	.03	.03	.03
24.9500	.03	.02	.02	.02	.02
25.2000	.02	.02	.02	.01	.01
25.4500	.01	.01	.01	.01	.01
25.7000	.01	.01	.01	.01	.01
25.9500	.01	.01	.00	.00	.00
26.2000	.00	.00	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = WETLAND IN
HYG Tag = 25

Peak Discharge	10.38 cfs
Time to Peak	12.2000 hrs
HYG Volume	1.323 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.3000	.00	.03	.09	.16	.35
11.5500	.56	.87	1.27	1.80	2.44
11.8000	3.20	4.06	4.99	6.29	8.06
12.0500	8.98	9.69	10.19	10.38	10.35
12.3000	10.22	10.02	9.76	9.44	9.05
12.5500	8.61	7.87	6.90	5.94	5.15
12.8000	4.53	4.05	3.64	3.32	3.04
13.0500	2.79	2.59	2.42	2.28	2.16
13.3000	2.05	1.96	1.88	1.81	1.75
13.5500	1.69	1.64	1.59	1.55	1.51
13.8000	1.47	1.43	1.40	1.37	1.34
14.0500	1.31	1.28	1.25	1.23	1.20
14.3000	1.18	1.16	1.14	1.12	1.11
14.5500	1.09	1.07	1.06	1.04	1.02
14.8000	1.01	1.00	.98	.97	.95
15.0500	.94	.93	.91	.90	.88
15.3000	.87	.86	.84	.83	.82
15.5500	.81	.80	.78	.77	.76
15.8000	.75	.74	.73	.71	.70
16.0500	.69	.68	.67	.66	.65
16.3000	.64	.63	.62	.61	.60
16.5500	.60	.59	.58	.57	.57
16.8000	.56	.55	.55	.54	.53
17.0500	.53	.52	.52	.51	.50
17.3000	.50	.49	.49	.48	.47
17.5500	.47	.46	.46	.45	.44
17.8000	.44	.43	.43	.42	.42
18.0500	.41	.40	.40	.39	.39
18.3000	.39	.38	.38	.38	.37
18.5500	.37	.37	.36	.36	.36
18.8000	.36	.35	.35	.35	.35

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-S TO WETLAND
HYG Tag = 50

Peak Discharge = 5.88 cfs
Time to Peak = 12.2000 hrs
HYG Volume = .807 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.9000	.00	.06	.11	.19	.28
11.1500	.37	.46	.56	.65	.73
11.4000	.83	.91	.99	1.09	1.23
11.6500	1.42	1.69	2.03	2.45	2.93
11.9000	3.45	4.06	4.55	5.03	5.46
12.1500	5.76	5.88	5.88	5.82	5.71
12.4000	5.58	5.40	5.19	4.95	4.68
12.6500	4.39	4.05	3.46	2.89	2.47
12.9000	2.16	1.91	1.72	1.56	1.43
13.1500	1.33	1.24	1.17	1.11	1.07
13.4000	1.03	.99	.96	.93	.91
13.6500	.88	.86	.84	.82	.80
13.9000	.78	.76	.74	.73	.71
14.1500	.70	.69	.68	.67	.66
14.4000	.65	.64	.63	.62	.61
14.6500	.60	.59	.58	.58	.57
14.9000	.56	.55	.54	.54	.53
15.1500	.52	.51	.51	.50	.49
15.4000	.48	.48	.47	.46	.45
15.6500	.45	.44	.43	.42	.42
15.9000	.41	.40	.39	.39	.38
16.1500	.38	.37	.37	.36	.36
16.4000	.35	.35	.34	.34	.33
16.6500	.33	.33	.32	.32	.32
16.9000	.31	.31	.31	.30	.30
17.1500	.29	.29	.29	.28	.28
17.4000	.28	.27	.27	.27	.26
17.6500	.26	.26	.25	.25	.25
17.9000	.24	.24	.24	.23	.23
18.1500	.23	.23	.22	.22	.22
18.4000	.22	.22	.21	.21	.21

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.6500	.21	.21	.21	.20	.20
18.9000	.20	.20	.20	.20	.20
19.1500	.20	.20	.19	.19	.19
19.4000	.19	.19	.19	.19	.19
19.6500	.19	.19	.18	.18	.18
19.9000	.18	.18	.18	.18	.18
20.1500	.18	.18	.17	.17	.17
20.4000	.17	.17	.17	.17	.17
20.6500	.17	.17	.17	.17	.16
20.9000	.16	.16	.16	.16	.16
21.1500	.16	.16	.16	.16	.16
21.4000	.16	.16	.16	.15	.15
21.6500	.15	.15	.15	.15	.15
21.9000	.15	.15	.15	.15	.15
22.1500	.15	.14	.14	.14	.14
22.4000	.14	.14	.14	.14	.14
22.6500	.14	.14	.14	.14	.14
22.9000	.14	.14	.14	.13	.13
23.1500	.13	.13	.13	.13	.13
23.4000	.13	.13	.13	.13	.13
23.6500	.13	.13	.13	.12	.12
23.9000	.12	.12	.12	.12	.11
24.1500	.11	.10	.09	.08	.08
24.4000	.07	.07	.06	.06	.05
24.6500	.05	.05	.04	.04	.04
24.9000	.03	.03	.03	.03	.02
25.1500	.02	.02	.02	.02	.02
25.4000	.02	.01	.01	.01	.01
25.6500	.01	.01	.01	.01	.01
25.9000	.01	.01	.01	.01	.01
26.1500	.00	.00	.00	.00	.00
26.4000	.00	.00	.00		

TOTAL NODE INFLOW...
HYG file =
HYG ID = WETLAND IN
HYG Tag = 50

Peak Discharge =	11.59 cfs
Time to Peak =	12.2500 hrs
HYG Volume =	1.688 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.7000	.00	.01	.06	.10	.16
10.9500	.29	.42	.56	.73	.89
11.2000	1.06	1.23	1.40	1.56	1.74
11.4500	1.90	2.06	2.24	2.51	2.88
11.7000	3.40	4.07	4.88	5.81	6.83
11.9500	8.05	9.00	9.92	10.74	11.32
12.2000	11.57	11.59	11.51	11.35	11.13
12.4500	10.84	10.48	10.07	9.60	9.11
12.7000	8.55	7.75	6.88	6.02	5.23
12.9500	4.62	4.12	3.71	3.39	3.11
13.2000	2.89	2.70	2.55	2.42	2.31
13.4500	2.21	2.12	2.05	1.98	1.92
13.7000	1.87	1.81	1.77	1.72	1.67
13.9500	1.63	1.59	1.55	1.52	1.49
14.2000	1.46	1.43	1.40	1.38	1.36
14.4500	1.34	1.32	1.30	1.28	1.26
14.7000	1.24	1.22	1.21	1.19	1.17
14.9500	1.16	1.14	1.12	1.11	1.09
15.2000	1.08	1.06	1.04	1.03	1.01
15.4500	1.00	.98	.96	.95	.93
15.7000	.92	.90	.89	.87	.86
15.9500	.84	.83	.81	.80	.79
16.2000	.77	.76	.75	.74	.73
16.4500	.72	.72	.71	.70	.69
16.7000	.68	.67	.67	.66	.65
16.9500	.64	.64	.63	.62	.62
17.2000	.61	.60	.59	.59	.58
17.4500	.57	.57	.56	.55	.55
17.7000	.54	.53	.53	.52	.51
17.9500	.51	.50	.49	.49	.48
18.2000	.47	.47	.46	.46	.45

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = BR-S TO WETLAND
HYG Tag = 100

Peak Discharge = 6.59 cfs
Time to Peak = 12.2500 hrs
HYG Volume = 1.024 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.2500	.00	.05	.10	.16	.25
10.5000	.32	.39	.47	.54	.60
10.7500	.66	.71	.75	.80	.84
11.0000	.87	.91	.95	.99	1.03
11.2500	1.08	1.13	1.20	1.26	1.33
11.5000	1.39	1.49	1.63	1.86	2.18
11.7500	2.61	3.12	3.70	4.13	4.48
12.0000	5.00	5.55	6.05	6.40	6.56
12.2500	6.59	6.55	6.48	6.36	6.21
12.5000	6.01	5.79	5.53	5.26	4.98
12.7500	4.70	4.42	4.11	3.55	2.97
13.0000	2.53	2.21	1.96	1.77	1.62
13.2500	1.50	1.41	1.34	1.27	1.22
13.5000	1.17	1.13	1.10	1.07	1.04
13.7500	1.01	.99	.96	.94	.92
14.0000	.90	.88	.86	.84	.82
14.2500	.81	.79	.78	.77	.76
14.5000	.75	.74	.73	.72	.71
14.7500	.70	.69	.68	.67	.66
15.0000	.65	.64	.64	.63	.62
15.2500	.61	.60	.59	.58	.57
15.5000	.56	.55	.55	.54	.53
15.7500	.52	.51	.50	.49	.48
16.0000	.47	.46	.46	.45	.44
16.2500	.43	.43	.42	.42	.41
16.5000	.40	.40	.40	.39	.39
16.7500	.38	.38	.38	.37	.37
17.0000	.36	.36	.36	.35	.35
17.2500	.35	.34	.34	.33	.33
17.5000	.33	.32	.32	.31	.31
17.7500	.31	.30	.30	.29	.29

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.0000	.29	.28	.28	.27	.27
18.2500	.27	.27	.26	.26	.26
18.5000	.26	.25	.25	.25	.25
18.7500	.25	.25	.24	.24	.24
19.0000	.24	.24	.24	.24	.24
19.2500	.23	.23	.23	.23	.23
19.5000	.23	.23	.23	.22	.22
19.7500	.22	.22	.22	.22	.22
20.0000	.22	.21	.21	.21	.21
20.2500	.21	.21	.21	.21	.21
20.5000	.20	.20	.20	.20	.20
20.7500	.20	.20	.20	.20	.20
21.0000	.20	.19	.19	.19	.19
21.2500	.19	.19	.19	.19	.19
21.5000	.19	.19	.18	.18	.18
21.7500	.18	.18	.18	.18	.18
22.0000	.18	.18	.18	.17	.17
22.2500	.17	.17	.17	.17	.17
22.5000	.17	.17	.17	.17	.17
22.7500	.16	.16	.16	.16	.16
23.0000	.16	.16	.16	.16	.16
23.2500	.16	.15	.15	.15	.15
23.5000	.15	.15	.15	.15	.15
23.7500	.15	.15	.14	.14	.14
24.0000	.14	.14	.13	.12	.11
24.2500	.11	.10	.09	.08	.08
24.5000	.07	.07	.06	.06	.05
24.7500	.05	.05	.04	.04	.04
25.0000	.03	.03	.03	.03	.02
25.2500	.02	.02	.02	.02	.02
25.5000	.02	.01	.01	.01	.01
25.7500	.01	.01	.01	.01	.01
26.0000	.01	.01	.01	.01	.01
26.2500	.00	.00	.00	.00	.00
26.5000	.00	.00	.00		

TOTAL NODE INFLOW...
HYG file =
HYG ID = WETLAND IN
HYG Tag = 100

Peak Discharge	12.90 cfs
Time to Peak	12.2500 hrs
HYG Volume	2.132 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.0500	.00	.01	.06	.10	.15
10.3000	.26	.38	.51	.65	.80
10.5500	.93	1.07	1.19	1.30	1.40
10.8000	1.50	1.59	1.67	1.75	1.82
11.0500	1.89	1.97	2.04	2.13	2.23
11.3000	2.35	2.47	2.60	2.73	2.86
11.5500	3.04	3.33	3.76	4.38	5.19
11.8000	6.18	7.31	8.19	8.89	9.86
12.0500	10.91	11.84	12.51	12.83	12.90
12.3000	12.87	12.76	12.58	12.33	12.01
12.5500	11.62	11.19	10.73	10.26	9.77
12.8000	9.28	8.76	7.99	7.19	6.41
13.0500	5.60	4.91	4.38	3.96	3.62
13.3000	3.35	3.13	2.94	2.79	2.66
13.5500	2.54	2.44	2.36	2.28	2.20
13.8000	2.14	2.08	2.02	1.97	1.92
14.0500	1.87	1.83	1.78	1.75	1.71
14.3000	1.68	1.65	1.62	1.59	1.57
14.5500	1.54	1.52	1.50	1.48	1.46
14.8000	1.44	1.42	1.40	1.38	1.36
15.0500	1.34	1.32	1.31	1.29	1.27
15.3000	1.25	1.23	1.21	1.19	1.18
15.5500	1.16	1.14	1.12	1.10	1.08
15.8000	1.06	1.05	1.03	1.01	.99
16.0500	.97	.95	.94	.92	.91
16.3000	.89	.88	.87	.86	.85
16.5500	.83	.82	.82	.81	.80
16.8000	.79	.78	.77	.76	.76
17.0500	.75	.74	.73	.72	.72
17.3000	.71	.70	.69	.69	.68
17.5500	.67	.66	.65	.65	.64

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 1
Outflow HYG file = NONE STORED - WETLAND OUT 1

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.25 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
395.25	.00	.000	.1375	.00	.00	.00
395.30	.01	.007	.1408	.00	.01	3.38
395.35	.04	.014	.1442	.00	.04	6.86
395.40	.09	.021	.1476	.00	.09	10.43
395.45	.15	.029	.1511	.00	.15	14.11
395.50	.23	.036	.1546	.00	.23	17.89
395.55	.33	.044	.1581	.00	.33	21.77
395.60	.45	.052	.1617	.00	.45	25.76
395.65	.58	.060	.1653	.00	.58	29.85
395.70	.73	.069	.1689	.00	.73	34.04
395.75	.89	.077	.1726	.00	.89	38.33
395.80	1.07	.086	.1763	.00	1.07	42.73
395.85	1.26	.095	.1801	.00	1.26	47.24
395.90	1.46	.104	.1839	.00	1.46	51.85
395.95	1.68	.113	.1878	.00	1.68	56.56
396.00	1.91	.123	.1917	.00	1.91	61.38
396.05	2.15	.132	.1931	.00	2.15	66.28
396.10	2.41	.142	.1944	.00	2.41	71.23
396.15	2.67	.152	.1958	.00	2.67	76.21
396.20	2.95	.162	.1972	.00	2.95	81.25

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 1
Outflow HYG file = NONE STORED - WETLAND OUT 1

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.25 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
396.25	3.23	.172	.1987	.00	3.23	86.32
396.30	3.52	.182	.2001	.00	3.52	91.43
396.35	3.83	.192	.2015	.00	3.83	96.60
396.40	4.13	.202	.2029	.00	4.13	101.80
396.45	4.45	.212	.2043	.00	4.45	107.04
396.50	4.78	.222	.2058	.00	4.78	112.33
396.55	5.11	.233	.2072	.00	5.11	117.66
396.60	5.44	.243	.2086	.00	5.44	123.03
396.65	5.78	.253	.2101	.00	5.78	128.43
396.70	6.12	.264	.2115	.00	6.12	133.87
396.75	6.46	.275	.2130	.00	6.46	139.35
396.80	6.81	.285	.2145	.00	6.81	144.87
396.85	7.15	.296	.2159	.00	7.15	150.42
396.90	7.51	.307	.2174	.00	7.51	156.03
396.95	7.86	.318	.2189	.00	7.86	161.65
397.00	8.21	.329	.2204	.00	8.21	167.32
397.05	8.54	.340	.2219	.00	8.54	172.99
397.10	8.82	.351	.2233	.00	8.82	178.67
397.15	9.11	.362	.2248	.00	9.11	184.37
397.20	9.39	.373	.2263	.00	9.39	190.12

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 1
Outflow HYG file = NONE STORED - WETLAND OUT 1

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.25 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
397.25	9.67	.385	.2279	.00	9.67	195.89
397.30	9.93	.396	.2294	.00	9.93	201.68
397.35	10.19	.408	.2309	.00	10.19	207.52
397.40	10.44	.419	.2324	.00	10.44	213.37
397.45	10.69	.431	.2339	.00	10.69	219.26
397.50	10.93	.443	.2355	.00	10.93	225.18
397.55	11.16	.454	.2370	.00	11.16	231.13
397.60	11.40	.466	.2385	.00	11.40	237.12
397.65	11.62	.478	.2401	.00	11.62	243.14
397.70	11.84	.490	.2416	.00	11.84	249.18
397.75	12.06	.502	.2432	.00	12.06	255.27
397.80	12.27	.515	.2448	.00	12.27	261.38
397.85	12.48	.527	.2463	.00	12.48	267.54
397.90	12.69	.539	.2479	.00	12.69	273.72
397.95	12.89	.552	.2495	.00	12.89	279.95
398.00	13.04	.564	.2511	.00	13.04	286.15
398.05	13.04	.577	.2526	.00	13.04	292.25
398.10	13.05	.590	.2542	.00	13.05	298.39
398.15	13.06	.602	.2558	.00	13.06	304.57
398.20	13.07	.615	.2574	.00	13.07	310.79

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 1
Outflow HYG file = NONE STORED - WETLAND OUT 1

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.25 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
398.25	13.09	.628	.2590	.00	13.09	317.05
398.30	13.11	.641	.2606	.00	13.11	323.36
398.35	13.13	.654	.2622	.00	13.13	329.70
398.40	13.15	.667	.2638	.00	13.15	336.09
398.45	13.18	.680	.2654	.00	13.18	342.52
398.50	13.21	.694	.2670	.00	13.21	349.00
398.55	13.25	.707	.2686	.00	13.25	355.51
398.60	13.28	.721	.2702	.00	13.28	362.07
398.65	13.32	.734	.2719	.00	13.32	368.67
398.70	13.36	.748	.2735	.00	13.36	375.31
398.75	13.41	.762	.2751	.00	13.41	381.99
398.80	13.45	.775	.2768	.00	13.45	388.71
398.85	13.49	.789	.2784	.00	13.49	395.47
398.90	13.54	.803	.2801	.00	13.54	402.28
398.95	13.58	.817	.2818	.00	13.58	409.12
399.00	13.63	.831	.2834	.00	13.63	416.00
399.05	13.67	.846	.2851	.00	13.67	422.93
399.10	13.72	.860	.2868	.00	13.72	429.89
399.15	13.76	.874	.2884	.00	13.76	436.90
399.20	13.81	.889	.2901	.00	13.81	443.95

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 1
Outflow HYG file = NONE STORED - WETLAND OUT 1

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.25 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
399.25	13.86	.903	.2918	.00	13.86	451.03
399.30	13.90	.918	.2935	.00	13.90	458.16
399.35	13.95	.933	.2952	.00	13.95	465.33
399.40	13.99	.947	.2969	.00	13.99	472.54
399.45	14.04	.962	.2986	.00	14.04	479.80
399.50	14.09	.977	.3003	.00	14.09	487.09
399.55	14.13	.992	.3021	.00	14.13	494.42
399.60	14.18	1.007	.3038	.00	14.18	501.80
399.65	14.23	1.023	.3055	.00	14.23	509.22
399.70	14.27	1.038	.3072	.00	14.27	516.68
399.75	14.32	1.053	.3090	.00	14.32	524.18
399.80	14.36	1.069	.3107	.00	14.36	531.72
399.85	14.41	1.085	.3125	.00	14.41	539.31
399.90	14.45	1.100	.3142	.00	14.45	546.94
399.95	14.50	1.116	.3160	.00	14.50	554.61
400.00	14.54	1.132	.3178	.00	14.54	562.33
400.05	14.59	1.148	.3194	.00	14.59	570.08
400.10	14.63	1.164	.3211	.00	14.63	577.88
400.15	14.68	1.180	.3228	.00	14.68	585.71
400.20	14.72	1.196	.3245	.00	14.72	593.59

LEVEL POOL ROUTING DATA

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 1
Outflow HYG file = NONE STORED - WETLAND OUT 1

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 395.25 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
400.25	14.77	1.212	.3262	.00	14.77	601.51
400.30	14.82	1.229	.3279	.00	14.82	609.47
400.35	14.86	1.245	.3296	.00	14.86	617.47
400.40	14.91	1.262	.3313	.00	14.91	625.51
400.45	14.95	1.278	.3330	.00	14.95	633.59
400.50	14.99	1.295	.3347	.00	14.99	641.71
400.55	15.04	1.312	.3347	.00	15.04	649.86
400.60	15.08	1.328	.3347	.00	15.08	658.00
400.65	15.13	1.345	.3347	.00	15.13	666.14
400.70	15.17	1.362	.3347	.00	15.17	674.29
400.75	15.21	1.379	.3347	.00	15.21	682.43
400.80	15.26	1.395	.3347	.00	15.26	690.58
400.85	15.30	1.412	.3347	.00	15.30	698.72
400.90	15.34	1.429	.3347	.00	15.34	706.86
400.95	15.39	1.446	.3347	.00	15.39	715.01
401.00	15.43	1.462	.3347	.00	15.43	723.15

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 1
Outflow HYG file = NONE STORED - WETLAND OUT 1

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.25 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	.81 cfs	at	12.8500 hrs
Peak Outflow	=	.51 cfs	at	14.1500 hrs
Peak Elevation	=	395.62 ft		
Peak Storage	=	.056 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.265
- Infiltration	=	.000
- HYG Vol OUT	=	.263
- Retained Vol	=	.002
Unrouted Vol	=	-.000 ac-ft (.007% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = WETLAND OUT
HYG Tag = 1

Peak Discharge = .51 cfs
Time to Peak = 14.1500 hrs
HYG Volume = .263 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.3000	.00	.00	.00	.00	.01
12.5500	.01	.02	.03	.04	.06
12.8000	.08	.10	.12	.15	.18
13.0500	.20	.23	.25	.28	.30
13.3000	.32	.35	.37	.39	.40
13.5500	.42	.43	.45	.46	.47
13.8000	.48	.48	.49	.50	.50
14.0500	.50	.51	.51	.51	.51
14.3000	.51	.51	.51	.51	.50
14.5500	.50	.50	.50	.49	.49
14.8000	.49	.48	.48	.47	.47
15.0500	.46	.46	.46	.45	.45
15.3000	.44	.44	.43	.43	.42
15.5500	.42	.41	.41	.41	.40
15.8000	.40	.39	.39	.38	.38
16.0500	.37	.37	.36	.36	.35
16.3000	.35	.34	.34	.33	.33
16.5500	.33	.32	.32	.32	.31
16.8000	.31	.31	.30	.30	.30
17.0500	.29	.29	.29	.28	.28
17.3000	.28	.27	.27	.27	.27
17.5500	.26	.26	.26	.25	.25
17.8000	.25	.25	.24	.24	.24
18.0500	.24	.23	.23	.23	.23
18.3000	.22	.22	.22	.22	.22
18.5500	.21	.21	.21	.21	.21
18.8000	.20	.20	.20	.20	.20
19.0500	.19	.19	.19	.19	.19
19.3000	.18	.18	.18	.18	.18
19.5500	.18	.18	.17	.17	.17
19.8000	.17	.17	.17	.17	.16

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
20.0500	.16	.16	.16	.16	.16
20.3000	.16	.16	.15	.15	.15
20.5500	.15	.15	.15	.15	.15
20.8000	.15	.15	.14	.14	.14
21.0500	.14	.14	.14	.14	.14
21.3000	.14	.14	.14	.14	.14
21.5500	.14	.13	.13	.13	.13
21.8000	.13	.13	.13	.13	.13
22.0500	.13	.13	.13	.13	.13
22.3000	.12	.12	.12	.12	.12
22.5500	.12	.12	.12	.12	.12
22.8000	.12	.12	.12	.12	.12
23.0500	.12	.11	.11	.11	.11
23.3000	.11	.11	.11	.11	.11
23.5500	.11	.11	.11	.11	.11
23.8000	.11	.11	.11	.10	.10
24.0500	.10	.10	.10	.10	.10
24.3000	.10	.10	.10	.10	.09
24.5500	.09	.09	.09	.09	.09
24.8000	.08	.08	.08	.08	.08
25.0500	.08	.08	.07	.07	.07
25.3000	.07	.07	.07	.07	.06
25.5500	.06	.06	.06	.06	.06
25.8000	.06	.06	.05	.05	.05
26.0500	.05	.05	.05	.05	.05
26.3000	.04	.04	.04	.04	.04
26.5500	.04	.04	.04	.04	.04
26.8000	.04	.04	.03	.03	.03
27.0500	.03	.03	.03	.03	.03
27.3000	.03	.03	.03	.03	.03
27.5500	.03	.03	.03	.03	.03
27.8000	.03	.03	.02	.02	.02
28.0500	.02	.02	.02	.02	.02
28.3000	.02	.02	.02	.02	.02
28.5500	.02	.02	.02	.02	.02
28.8000	.02	.02	.02	.02	.02
29.0500	.02	.02	.02	.02	.02
29.3000	.02	.02	.02	.02	.01
29.5500	.01	.01	.01	.01	.01
29.8000	.01	.01	.01	.01	.01
30.0500	.01	.01	.01	.01	.01
30.3000	.01	.01	.01	.01	.01
30.5500	.01	.01	.01	.01	.01
30.8000	.01	.01	.01	.01	.01
31.0500	.01	.01	.01	.01	.01

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
31.3000	.01	.01	.01	.01	.01
31.5500	.01	.01	.01	.01	.01
31.8000	.01	.01	.01	.01	.01
32.0500	.01	.01	.01	.01	.01
32.3000	.01	.01	.01	.01	.01
32.5500	.01	.01	.01	.01	.01
32.8000	.01	.01	.01	.01	.01
33.0500	.01	.01	.01	.01	.01
33.3000	.01	.01	.01	.01	.01
33.5500	.01	.01	.01	.01	.01
33.8000	.01	.01	.01	.01	.01
34.0500	.01	.01	.01	.01	.01
34.3000	.01	.01	.01	.01	.01
34.5500	.01	.01	.01	.01	.01
34.8000	.01	.01	.01	.01	.01
35.0500	.01	.01	.01	.01	.01
35.3000	.01	.01	.01	.01	.01
35.5500	.01	.01	.01	.01	.01
35.8000	.01	.01	.01	.01	.01
36.0500	.01	.01	.01	.01	.01
36.3000	.01	.01	.01	.01	.01
36.5500	.00	.00	.00	.00	.00
36.8000	.00	.00	.00	.00	.00
37.0500	.00	.00	.00	.00	.00
37.3000	.00	.00	.00	.00	.00
37.5500	.00	.00	.00	.00	.00
37.8000	.00	.00	.00	.00	.00
38.0500	.00	.00	.00	.00	.00
38.3000	.00	.00	.00	.00	.00
38.5500	.00	.00	.00	.00	.00
38.8000	.00	.00	.00	.00	.00
39.0500	.00	.00	.00	.00	.00
39.3000	.00	.00	.00	.00	.00
39.5500	.00	.00	.00	.00	.00
39.8000	.00	.00	.00	.00	.00
40.0500	.00	.00	.00	.00	.00
40.3000	.00	.00	.00	.00	.00
40.5500	.00	.00	.00	.00	.00
40.8000	.00				

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 2
Outflow HYG file = NONE STORED - WETLAND OUT 2

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.25 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	2.76 cfs	at	12.4000 hrs
Peak Outflow	=	1.30 cfs	at	13.0500 hrs
Peak Elevation	=	395.86 ft		
Peak Storage	=	.097 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.440
- Infiltration	=	.000
- HYG Vol OUT	=	.438
- Retained Vol	=	.002
Unrouted Vol	=	-.000 ac-ft (.004% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = WETLAND OUT
HYG Tag = 2

Peak Discharge = 1.30 cfs
Time to Peak = 13.0500 hrs
HYG Volume = .438 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.0500	.00	.00	.00	.01	.03
12.3000	.09	.18	.30	.44	.58
12.5500	.72	.85	.96	1.05	1.13
12.8000	1.19	1.23	1.26	1.28	1.29
13.0500	1.30	1.30	1.29	1.28	1.26
13.3000	1.24	1.23	1.21	1.18	1.16
13.5500	1.14	1.12	1.09	1.07	1.05
13.8000	1.03	1.01	.98	.96	.94
14.0500	.92	.90	.89	.87	.85
14.3000	.83	.82	.80	.79	.77
14.5500	.76	.74	.73	.72	.71
14.8000	.69	.68	.67	.66	.65
15.0500	.64	.63	.62	.61	.60
15.3000	.59	.58	.57	.56	.56
15.5500	.55	.54	.53	.52	.52
15.8000	.51	.50	.49	.49	.48
16.0500	.47	.46	.46	.45	.44
16.3000	.44	.43	.42	.42	.41
16.5500	.40	.40	.39	.39	.38
16.8000	.38	.37	.37	.36	.36
17.0500	.35	.35	.34	.34	.33
17.3000	.33	.33	.32	.32	.32
17.5500	.31	.31	.31	.30	.30
17.8000	.30	.29	.29	.29	.29
18.0500	.28	.28	.28	.27	.27
18.3000	.27	.27	.26	.26	.26
18.5500	.25	.25	.25	.25	.24
18.8000	.24	.24	.24	.23	.23
19.0500	.23	.23	.23	.23	.22
19.3000	.22	.22	.22	.22	.21
19.5500	.21	.21	.21	.21	.21

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.8000	.21	.20	.20	.20	.20
20.0500	.20	.20	.19	.19	.19
20.3000	.19	.19	.19	.19	.19
20.5500	.18	.18	.18	.18	.18
20.8000	.18	.18	.18	.18	.17
21.0500	.17	.17	.17	.17	.17
21.3000	.17	.17	.17	.16	.16
21.5500	.16	.16	.16	.16	.16
21.8000	.16	.16	.16	.16	.15
22.0500	.15	.15	.15	.15	.15
22.3000	.15	.15	.15	.15	.15
22.5500	.15	.15	.15	.14	.14
22.8000	.14	.14	.14	.14	.14
23.0500	.14	.14	.14	.14	.14
23.3000	.14	.14	.14	.13	.13
23.5500	.13	.13	.13	.13	.13
23.8000	.13	.13	.13	.13	.13
24.0500	.13	.13	.13	.12	.12
24.3000	.12	.12	.12	.12	.11
24.5500	.11	.11	.11	.11	.10
24.8000	.10	.10	.10	.10	.09
25.0500	.09	.09	.09	.09	.08
25.3000	.08	.08	.08	.08	.08
25.5500	.07	.07	.07	.07	.07
25.8000	.07	.07	.06	.06	.06
26.0500	.06	.06	.06	.06	.05
26.3000	.05	.05	.05	.05	.05
26.5500	.05	.05	.04	.04	.04
26.8000	.04	.04	.04	.04	.04
27.0500	.04	.04	.04	.04	.03
27.3000	.03	.03	.03	.03	.03
27.5500	.03	.03	.03	.03	.03
27.8000	.03	.03	.03	.03	.03
28.0500	.03	.03	.03	.03	.02
28.3000	.02	.02	.02	.02	.02
28.5500	.02	.02	.02	.02	.02
28.8000	.02	.02	.02	.02	.02
29.0500	.02	.02	.02	.02	.02
29.3000	.02	.02	.02	.02	.02
29.5500	.02	.02	.02	.02	.02
29.8000	.01	.01	.01	.01	.01
30.0500	.01	.01	.01	.01	.01
30.3000	.01	.01	.01	.01	.01
30.5500	.01	.01	.01	.01	.01
30.8000	.01	.01	.01	.01	.01

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
31.0500	.01	.01	.01	.01	.01
31.3000	.01	.01	.01	.01	.01
31.5500	.01	.01	.01	.01	.01
31.8000	.01	.01	.01	.01	.01
32.0500	.01	.01	.01	.01	.01
32.3000	.01	.01	.01	.01	.01
32.5500	.01	.01	.01	.01	.01
32.8000	.01	.01	.01	.01	.01
33.0500	.01	.01	.01	.01	.01
33.3000	.01	.01	.01	.01	.01
33.5500	.01	.01	.01	.01	.01
33.8000	.01	.01	.01	.01	.01
34.0500	.01	.01	.01	.01	.01
34.3000	.01	.01	.01	.01	.01
34.5500	.01	.01	.01	.01	.01
34.8000	.01	.01	.01	.01	.01
35.0500	.01	.01	.01	.01	.01
35.3000	.01	.01	.01	.01	.01
35.5500	.01	.01	.01	.01	.01
35.8000	.01	.01	.01	.01	.01
36.0500	.01	.01	.01	.01	.01
36.3000	.01	.01	.01	.01	.01
36.5500	.01	.01	.01	.01	.01
36.8000	.01	.00	.00	.00	.00
37.0500	.00	.00	.00	.00	.00
37.3000	.00	.00	.00	.00	.00
37.5500	.00	.00	.00	.00	.00
37.8000	.00	.00	.00	.00	.00
38.0500	.00	.00	.00	.00	.00
38.3000	.00	.00	.00	.00	.00
38.5500	.00	.00	.00	.00	.00
38.8000	.00	.00	.00	.00	.00
39.0500	.00	.00	.00	.00	.00
39.3000	.00	.00	.00	.00	.00
39.5500	.00	.00	.00	.00	.00
39.8000	.00	.00	.00	.00	.00
40.0500	.00	.00	.00	.00	.00
40.3000	.00	.00	.00	.00	.00
40.5500	.00	.00	.00	.00	.00
40.8000	.00	.00	.00	.00	.00
41.0500	.00	.00	.00		

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 10
Outflow HYG file = NONE STORED - WETLAND OUT 10

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.25 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	8.67 cfs	at	12.2000 hrs
Peak Outflow	=	5.06 cfs	at	12.5500 hrs
Peak Elevation	=	396.54 ft		
Peak Storage	=	.231 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	.930
- Infiltration	=	.000
- HYG Vol OUT	=	.928
- Retained Vol	=	.002
Unrouted Vol	=	-.000 ac-ft (.002% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = WETLAND OUT
HYG Tag = 10

Peak Discharge = 5.06 cfs
Time to Peak = 12.5500 hrs
HYG Volume = .928 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.7500	.00	.00	.00	.01	.03
12.0000	.11	.33	.76	1.37	2.06
12.2500	2.74	3.38	3.96	4.41	4.76
12.5000	4.97	5.06	5.05	4.97	4.84
12.7500	4.68	4.49	4.30	4.11	3.92
13.0000	3.72	3.54	3.36	3.20	3.04
13.2500	2.89	2.75	2.62	2.50	2.39
13.5000	2.29	2.19	2.10	2.02	1.94
13.7500	1.87	1.80	1.74	1.68	1.63
14.0000	1.58	1.53	1.48	1.44	1.40
14.2500	1.36	1.32	1.29	1.25	1.22
14.5000	1.19	1.17	1.14	1.11	1.09
14.7500	1.07	1.04	1.02	1.00	.99
15.0000	.97	.95	.93	.92	.90
15.2500	.89	.87	.86	.84	.83
15.5000	.82	.81	.79	.78	.77
15.7500	.76	.75	.73	.72	.71
16.0000	.70	.69	.68	.67	.66
16.2500	.65	.64	.63	.62	.61
16.5000	.60	.59	.58	.58	.57
16.7500	.56	.55	.55	.54	.53
17.0000	.52	.52	.51	.50	.50
17.2500	.49	.48	.48	.47	.47
17.5000	.46	.45	.45	.44	.44
17.7500	.43	.43	.42	.42	.41
18.0000	.41	.40	.40	.39	.39
18.2500	.38	.38	.37	.37	.37
18.5000	.36	.36	.35	.35	.35
18.7500	.34	.34	.34	.33	.33
19.0000	.33	.32	.32	.32	.32
19.2500	.31	.31	.31	.31	.31

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.5000	.30	.30	.30	.30	.29
19.7500	.29	.29	.29	.29	.29
20.0000	.28	.28	.28	.28	.28
20.2500	.28	.27	.27	.27	.27
20.5000	.27	.27	.26	.26	.26
20.7500	.26	.26	.26	.26	.26
21.0000	.25	.25	.25	.25	.25
21.2500	.25	.25	.24	.24	.24
21.5000	.24	.24	.24	.24	.24
21.7500	.23	.23	.23	.23	.23
22.0000	.23	.23	.23	.23	.23
22.2500	.22	.22	.22	.22	.22
22.5000	.22	.22	.22	.22	.22
22.7500	.21	.21	.21	.21	.21
23.0000	.21	.21	.21	.21	.21
23.2500	.20	.20	.20	.20	.20
23.5000	.20	.20	.20	.20	.20
23.7500	.19	.19	.19	.19	.19
24.0000	.19	.19	.19	.19	.18
24.2500	.18	.18	.18	.17	.17
24.5000	.17	.16	.16	.16	.15
24.7500	.15	.15	.14	.14	.14
25.0000	.13	.13	.13	.13	.12
25.2500	.12	.12	.11	.11	.11
25.5000	.11	.10	.10	.10	.09
25.7500	.09	.09	.09	.08	.08
26.0000	.08	.08	.08	.08	.07
26.2500	.07	.07	.07	.07	.07
26.5000	.06	.06	.06	.06	.06
26.7500	.06	.06	.05	.05	.05
27.0000	.05	.05	.05	.05	.04
27.2500	.04	.04	.04	.04	.04
27.5000	.04	.04	.04	.04	.04
27.7500	.04	.03	.03	.03	.03
28.0000	.03	.03	.03	.03	.03
28.2500	.03	.03	.03	.03	.03
28.5000	.03	.03	.03	.03	.03
28.7500	.03	.02	.02	.02	.02
29.0000	.02	.02	.02	.02	.02
29.2500	.02	.02	.02	.02	.02
29.5000	.02	.02	.02	.02	.02
29.7500	.02	.02	.02	.02	.02
30.0000	.02	.02	.02	.02	.02
30.2500	.02	.02	.02	.01	.01
30.5000	.01	.01	.01	.01	.01

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
30.7500	.01	.01	.01	.01	.01
31.0000	.01	.01	.01	.01	.01
31.2500	.01	.01	.01	.01	.01
31.5000	.01	.01	.01	.01	.01
31.7500	.01	.01	.01	.01	.01
32.0000	.01	.01	.01	.01	.01
32.2500	.01	.01	.01	.01	.01
32.5000	.01	.01	.01	.01	.01
32.7500	.01	.01	.01	.01	.01
33.0000	.01	.01	.01	.01	.01
33.2500	.01	.01	.01	.01	.01
33.5000	.01	.01	.01	.01	.01
33.7500	.01	.01	.01	.01	.01
34.0000	.01	.01	.01	.01	.01
34.2500	.01	.01	.01	.01	.01
34.5000	.01	.01	.01	.01	.01
34.7500	.01	.01	.01	.01	.01
35.0000	.01	.01	.01	.01	.01
35.2500	.01	.01	.01	.01	.01
35.5000	.01	.01	.01	.01	.01
35.7500	.01	.01	.01	.01	.01
36.0000	.01	.01	.01	.01	.01
36.2500	.01	.01	.01	.01	.01
36.5000	.01	.01	.01	.01	.01
36.7500	.01	.01	.01	.01	.01
37.0000	.01	.01	.01	.01	.01
37.2500	.01	.01	.01	.01	.00
37.5000	.00	.00	.00	.00	.00
37.7500	.00	.00	.00	.00	.00
38.0000	.00	.00	.00	.00	.00
38.2500	.00	.00	.00	.00	.00
38.5000	.00	.00	.00	.00	.00
38.7500	.00	.00	.00	.00	.00
39.0000	.00	.00	.00	.00	.00
39.2500	.00	.00	.00	.00	.00
39.5000	.00	.00	.00	.00	.00
39.7500	.00	.00	.00	.00	.00
40.0000	.00	.00	.00	.00	.00
40.2500	.00	.00	.00	.00	.00
40.5000	.00	.00	.00	.00	.00
40.7500	.00	.00	.00	.00	.00
41.0000	.00	.00	.00	.00	.00
41.2500	.00	.00	.00	.00	.00
41.5000	.00	.00	.00	.00	.00

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 25
Outflow HYG file = NONE STORED - WETLAND OUT 25

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.25 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	10.38 cfs	at	12.2000 hrs
Peak Outflow	=	7.73 cfs	at	12.6000 hrs
Peak Elevation	=	396.93 ft		
Peak Storage	=	.314 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	1.323
- Infiltration	=	.000
- HYG Vol OUT	=	1.321
- Retained Vol	=	.002
Unrouted Vol	=	-.000 ac-ft (.001% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = WETLAND OUT
HYG Tag = 25

Peak Discharge = 7.73 cfs
Time to Peak = 12.6000 hrs
HYG Volume = 1.321 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.3000	.00	.00	.00	.00	.00
11.5500	.01	.01	.03	.06	.12
11.8000	.23	.42	.69	1.07	1.61
12.0500	2.29	3.04	3.84	4.61	5.33
12.3000	5.94	6.47	6.90	7.24	7.50
12.5500	7.66	7.73	7.69	7.53	7.28
12.8000	6.97	6.63	6.29	5.94	5.59
13.0500	5.26	4.94	4.64	4.36	4.10
13.3000	3.87	3.64	3.44	3.26	3.10
13.5500	2.95	2.80	2.67	2.55	2.45
13.8000	2.35	2.26	2.17	2.09	2.02
14.0500	1.95	1.88	1.82	1.77	1.71
14.3000	1.66	1.62	1.58	1.53	1.50
14.5500	1.46	1.43	1.39	1.36	1.33
14.8000	1.31	1.28	1.25	1.23	1.21
15.0500	1.19	1.16	1.14	1.12	1.10
15.3000	1.08	1.07	1.05	1.03	1.01
15.5500	1.00	.98	.97	.95	.94
15.8000	.92	.91	.89	.88	.87
16.0500	.85	.84	.83	.82	.80
16.3000	.79	.78	.77	.76	.74
16.5500	.73	.72	.71	.70	.69
16.8000	.68	.68	.67	.66	.65
17.0500	.64	.63	.63	.62	.61
17.3000	.60	.59	.59	.58	.57
17.5500	.57	.56	.55	.55	.54
17.8000	.53	.53	.52	.52	.51
18.0500	.50	.50	.49	.49	.48
18.3000	.47	.47	.46	.46	.45
18.5500	.45	.44	.44	.43	.43
18.8000	.42	.42	.42	.41	.41

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
19.0500	.40	.40	.40	.39	.39
19.3000	.39	.38	.38	.38	.38
19.5500	.37	.37	.37	.36	.36
19.8000	.36	.36	.35	.35	.35
20.0500	.35	.34	.34	.34	.34
20.3000	.34	.33	.33	.33	.33
20.5500	.33	.32	.32	.32	.32
20.8000	.32	.32	.31	.31	.31
21.0500	.31	.31	.31	.31	.30
21.3000	.30	.30	.30	.30	.30
21.5500	.30	.29	.29	.29	.29
21.8000	.29	.29	.29	.29	.28
22.0500	.28	.28	.28	.28	.28
22.3000	.28	.28	.27	.27	.27
22.5500	.27	.27	.27	.27	.27
22.8000	.27	.26	.26	.26	.26
23.0500	.26	.26	.26	.26	.25
23.3000	.25	.25	.25	.25	.25
23.5500	.25	.25	.24	.24	.24
23.8000	.24	.24	.24	.24	.24
24.0500	.23	.23	.23	.23	.23
24.3000	.22	.22	.22	.21	.21
24.5500	.21	.20	.20	.19	.19
24.8000	.18	.18	.17	.17	.16
25.0500	.16	.16	.15	.15	.14
25.3000	.14	.14	.13	.13	.13
25.5500	.12	.12	.12	.11	.11
25.8000	.11	.10	.10	.10	.10
26.0500	.09	.09	.09	.09	.08
26.3000	.08	.08	.08	.08	.07
26.5500	.07	.07	.07	.07	.07
26.8000	.06	.06	.06	.06	.06
27.0500	.06	.06	.05	.05	.05
27.3000	.05	.05	.05	.05	.04
27.5500	.04	.04	.04	.04	.04
27.8000	.04	.04	.04	.04	.04
28.0500	.04	.03	.03	.03	.03
28.3000	.03	.03	.03	.03	.03
28.5500	.03	.03	.03	.03	.03
28.8000	.03	.03	.03	.03	.03
29.0500	.03	.02	.02	.02	.02
29.3000	.02	.02	.02	.02	.02
29.5500	.02	.02	.02	.02	.02
29.8000	.02	.02	.02	.02	.02
30.0500	.02	.02	.02	.02	.02

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
30.3000	.02	.02	.02	.02	.02
30.5500	.02	.02	.01	.01	.01
30.8000	.01	.01	.01	.01	.01
31.0500	.01	.01	.01	.01	.01
31.3000	.01	.01	.01	.01	.01
31.5500	.01	.01	.01	.01	.01
31.8000	.01	.01	.01	.01	.01
32.0500	.01	.01	.01	.01	.01
32.3000	.01	.01	.01	.01	.01
32.5500	.01	.01	.01	.01	.01
32.8000	.01	.01	.01	.01	.01
33.0500	.01	.01	.01	.01	.01
33.3000	.01	.01	.01	.01	.01
33.5500	.01	.01	.01	.01	.01
33.8000	.01	.01	.01	.01	.01
34.0500	.01	.01	.01	.01	.01
34.3000	.01	.01	.01	.01	.01
34.5500	.01	.01	.01	.01	.01
34.8000	.01	.01	.01	.01	.01
35.0500	.01	.01	.01	.01	.01
35.3000	.01	.01	.01	.01	.01
35.5500	.01	.01	.01	.01	.01
35.8000	.01	.01	.01	.01	.01
36.0500	.01	.01	.01	.01	.01
36.3000	.01	.01	.01	.01	.01
36.5500	.01	.01	.01	.01	.01
36.8000	.01	.01	.01	.01	.01
37.0500	.01	.01	.01	.01	.01
37.3000	.01	.01	.01	.01	.01
37.5500	.01	.01	.01	.01	.00
37.8000	.00	.00	.00	.00	.00
38.0500	.00	.00	.00	.00	.00
38.3000	.00	.00	.00	.00	.00
38.5500	.00	.00	.00	.00	.00
38.8000	.00	.00	.00	.00	.00
39.0500	.00	.00	.00	.00	.00
39.3000	.00	.00	.00	.00	.00
39.5500	.00	.00	.00	.00	.00
39.8000	.00	.00	.00	.00	.00
40.0500	.00	.00	.00	.00	.00
40.3000	.00	.00	.00	.00	.00
40.5500	.00	.00	.00	.00	.00
40.8000	.00	.00	.00	.00	.00
41.0500	.00	.00	.00	.00	.00
41.3000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
41.5500	.00	.00	.00	.00	.00
41.8000	.00	.00	.00	.00	.00

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 50
Outflow HYG file = NONE STORED - WETLAND OUT 50

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.25 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	11.59 cfs	at	12.2500 hrs
Peak Outflow	=	9.16 cfs	at	12.6500 hrs
Peak Elevation	=	397.16 ft		
Peak Storage	=	.364 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	1.688
- Infiltration	=	.000
- HYG Vol OUT	=	1.686
- Retained Vol	=	.002
Unrouted Vol	=	-.000 ac-ft (.001% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = WETLAND OUT
HYG Tag = 50

Peak Discharge = 9.16 cfs
Time to Peak = 12.6500 hrs
HYG Volume = 1.686 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.7000	.00	.00	.00	.00	.00
10.9500	.00	.00	.01	.01	.03
11.2000	.05	.07	.11	.16	.23
11.4500	.31	.40	.51	.64	.79
11.7000	.97	1.20	1.48	1.85	2.30
11.9500	2.84	3.48	4.19	4.94	5.70
12.2000	6.42	7.06	7.63	8.10	8.47
12.4500	8.73	8.92	9.06	9.14	9.16
12.7000	9.13	9.03	8.86	8.62	8.28
12.9500	7.87	7.44	6.99	6.56	6.15
13.2000	5.75	5.38	5.04	4.72	4.43
13.4500	4.17	3.93	3.72	3.51	3.33
13.7000	3.17	3.03	2.89	2.76	2.64
13.9500	2.54	2.44	2.35	2.27	2.19
14.2000	2.12	2.05	1.99	1.93	1.87
14.4500	1.82	1.77	1.73	1.69	1.65
14.7000	1.61	1.58	1.54	1.51	1.48
14.9500	1.45	1.43	1.40	1.38	1.35
15.2000	1.33	1.30	1.28	1.26	1.24
15.4500	1.22	1.20	1.18	1.16	1.14
15.7000	1.13	1.11	1.09	1.07	1.05
15.9500	1.04	1.02	1.00	.99	.97
16.2000	.96	.94	.93	.91	.90
16.4500	.88	.87	.86	.85	.84
16.7000	.82	.81	.80	.79	.78
16.9500	.77	.76	.75	.74	.73
17.2000	.72	.72	.71	.70	.69
17.4500	.68	.68	.67	.66	.65
17.7000	.64	.64	.63	.62	.61
17.9500	.61	.60	.59	.58	.58
18.2000	.57	.56	.56	.55	.55

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
18.4500	.54	.53	.53	.52	.52
18.7000	.51	.51	.50	.50	.49
18.9500	.49	.48	.48	.47	.47
19.2000	.47	.46	.46	.45	.45
19.4500	.45	.44	.44	.44	.44
19.7000	.43	.43	.43	.42	.42
19.9500	.42	.42	.41	.41	.41
20.2000	.41	.40	.40	.40	.40
20.4500	.39	.39	.39	.39	.38
20.7000	.38	.38	.38	.38	.37
20.9500	.37	.37	.37	.37	.36
21.2000	.36	.36	.36	.36	.35
21.4500	.35	.35	.35	.35	.34
21.7000	.34	.34	.34	.34	.34
21.9500	.33	.33	.33	.33	.33
22.2000	.33	.33	.32	.32	.32
22.4500	.32	.32	.32	.32	.31
22.7000	.31	.31	.31	.31	.31
22.9500	.31	.30	.30	.30	.30
23.2000	.30	.30	.30	.29	.29
23.4500	.29	.29	.29	.29	.29
23.7000	.29	.28	.28	.28	.28
23.9500	.28	.28	.28	.27	.27
24.2000	.27	.27	.26	.26	.25
24.4500	.25	.24	.24	.23	.23
24.7000	.22	.22	.21	.21	.20
24.9500	.20	.19	.19	.18	.18
25.2000	.17	.17	.16	.16	.15
25.4500	.15	.14	.14	.14	.13
25.7000	.13	.12	.12	.12	.11
25.9500	.11	.11	.11	.10	.10
26.2000	.10	.09	.09	.09	.09
26.4500	.08	.08	.08	.08	.08
26.7000	.07	.07	.07	.07	.07
26.9500	.07	.06	.06	.06	.06
27.2000	.06	.06	.06	.05	.05
27.4500	.05	.05	.05	.05	.05
27.7000	.04	.04	.04	.04	.04
27.9500	.04	.04	.04	.04	.04
28.2000	.04	.04	.03	.03	.03
28.4500	.03	.03	.03	.03	.03
28.7000	.03	.03	.03	.03	.03
28.9500	.03	.03	.03	.03	.03
29.2000	.03	.03	.02	.02	.02
29.4500	.02	.02	.02	.02	.02

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
29.7000	.02	.02	.02	.02	.02
29.9500	.02	.02	.02	.02	.02
30.2000	.02	.02	.02	.02	.02
30.4500	.02	.02	.02	.02	.02
30.7000	.02	.02	.02	.01	.01
30.9500	.01	.01	.01	.01	.01
31.2000	.01	.01	.01	.01	.01
31.4500	.01	.01	.01	.01	.01
31.7000	.01	.01	.01	.01	.01
31.9500	.01	.01	.01	.01	.01
32.2000	.01	.01	.01	.01	.01
32.4500	.01	.01	.01	.01	.01
32.7000	.01	.01	.01	.01	.01
32.9500	.01	.01	.01	.01	.01
33.2000	.01	.01	.01	.01	.01
33.4500	.01	.01	.01	.01	.01
33.7000	.01	.01	.01	.01	.01
33.9500	.01	.01	.01	.01	.01
34.2000	.01	.01	.01	.01	.01
34.4500	.01	.01	.01	.01	.01
34.7000	.01	.01	.01	.01	.01
34.9500	.01	.01	.01	.01	.01
35.2000	.01	.01	.01	.01	.01
35.4500	.01	.01	.01	.01	.01
35.7000	.01	.01	.01	.01	.01
35.9500	.01	.01	.01	.01	.01
36.2000	.01	.01	.01	.01	.01
36.4500	.01	.01	.01	.01	.01
36.7000	.01	.01	.01	.01	.01
36.9500	.01	.01	.01	.01	.01
37.2000	.01	.01	.01	.01	.01
37.4500	.01	.01	.01	.01	.01
37.7000	.01	.01	.01	.01	.01
37.9500	.00	.00	.00	.00	.00
38.2000	.00	.00	.00	.00	.00
38.4500	.00	.00	.00	.00	.00
38.7000	.00	.00	.00	.00	.00
38.9500	.00	.00	.00	.00	.00
39.2000	.00	.00	.00	.00	.00
39.4500	.00	.00	.00	.00	.00
39.7000	.00	.00	.00	.00	.00
39.9500	.00	.00	.00	.00	.00
40.2000	.00	.00	.00	.00	.00
40.4500	.00	.00	.00	.00	.00
40.7000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
40.9500	.00	.00	.00	.00	.00
41.2000	.00	.00	.00	.00	.00
41.4500	.00	.00	.00	.00	.00
41.7000	.00	.00	.00	.00	.00
41.9500	.00	.00	.00	.00	.00
42.2000	.00				

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\802 Cortlandt Pitch\802 Engineering\PondPack\
Inflow HYG file = NONE STORED - WETLAND IN 100
Outflow HYG file = NONE STORED - WETLAND OUT 100

Pond Node Data = WETLAND
Pond Volume Data = WETLAND
Pond Outlet Data = Pipe to DP 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	395.25 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	12.90 cfs	at	12.2500 hrs
Peak Outflow	=	10.39 cfs	at	12.7000 hrs
Peak Elevation	=	397.39 ft		
Peak Storage	=	.417 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	2.132
- Infiltration	=	.000
- HYG Vol OUT	=	2.130
- Retained Vol	=	.002
Unrouted Vol	=	-.000 ac-ft (.001% of Inflow Volume)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = WETLAND OUT
HYG Tag = 100

Peak Discharge = 10.39 cfs
Time to Peak = 12.7000 hrs
HYG Volume = 2.130 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.0500	.00	.00	.00	.00	.00
10.3000	.00	.00	.01	.01	.02
10.5500	.04	.06	.09	.13	.18
10.8000	.24	.30	.38	.45	.54
11.0500	.63	.72	.82	.92	1.02
11.3000	1.12	1.23	1.35	1.46	1.58
11.5500	1.71	1.85	2.02	2.23	2.49
11.8000	2.84	3.27	3.79	4.36	4.98
12.0500	5.65	6.36	7.09	7.79	8.41
12.3000	8.87	9.27	9.59	9.86	10.06
12.5500	10.22	10.32	10.38	10.39	10.35
12.8000	10.28	10.18	10.01	9.79	9.52
13.0500	9.17	8.78	8.34	7.83	7.33
13.3000	6.84	6.39	5.97	5.59	5.23
13.5500	4.90	4.60	4.33	4.09	3.88
13.8000	3.67	3.49	3.32	3.17	3.04
14.0500	2.91	2.79	2.68	2.59	2.50
14.3000	2.41	2.34	2.26	2.20	2.13
14.5500	2.07	2.02	1.97	1.92	1.88
14.8000	1.84	1.80	1.76	1.72	1.69
15.0500	1.66	1.63	1.60	1.57	1.54
15.3000	1.52	1.49	1.47	1.44	1.42
15.5500	1.40	1.38	1.36	1.33	1.31
15.8000	1.29	1.27	1.25	1.23	1.21
16.0500	1.19	1.17	1.15	1.13	1.12
16.3000	1.10	1.08	1.06	1.05	1.03
16.5500	1.02	1.00	.99	.97	.96
16.8000	.94	.93	.92	.91	.89
17.0500	.88	.87	.86	.85	.84
17.3000	.83	.82	.81	.80	.79
17.5500	.79	.78	.77	.76	.75

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
17.8000	.74	.73	.72	.72	.71
18.0500	.70	.69	.68	.68	.67
18.3000	.66	.65	.65	.64	.63
18.5500	.62	.62	.61	.60	.60
18.8000	.59	.59	.58	.58	.57
19.0500	.57	.56	.56	.55	.55
19.3000	.54	.54	.54	.53	.53
19.5500	.53	.52	.52	.51	.51
19.8000	.51	.50	.50	.50	.49
20.0500	.49	.49	.49	.48	.48
20.3000	.48	.47	.47	.47	.46
20.5500	.46	.46	.46	.45	.45
20.8000	.45	.45	.44	.44	.44
21.0500	.44	.44	.43	.43	.43
21.3000	.43	.43	.42	.42	.42
21.5500	.42	.41	.41	.41	.41
21.8000	.41	.40	.40	.40	.40
22.0500	.40	.39	.39	.39	.39
22.3000	.39	.39	.38	.38	.38
22.5500	.38	.38	.37	.37	.37
22.8000	.37	.37	.36	.36	.36
23.0500	.36	.36	.36	.35	.35
23.3000	.35	.35	.35	.34	.34
23.5500	.34	.34	.34	.33	.33
23.8000	.33	.33	.33	.33	.32
24.0500	.32	.32	.32	.31	.31
24.3000	.31	.30	.29	.29	.28
24.5500	.28	.27	.26	.26	.25
24.8000	.24	.24	.23	.22	.22
25.0500	.21	.21	.20	.19	.19
25.3000	.18	.18	.17	.17	.16
25.5500	.16	.15	.15	.14	.14
25.8000	.13	.13	.13	.12	.12
26.0500	.12	.11	.11	.11	.10
26.3000	.10	.10	.10	.09	.09
26.5500	.09	.08	.08	.08	.08
26.8000	.08	.07	.07	.07	.07
27.0500	.07	.07	.06	.06	.06
27.3000	.06	.06	.06	.06	.05
27.5500	.05	.05	.05	.05	.05
27.8000	.05	.05	.04	.04	.04
28.0500	.04	.04	.04	.04	.04
28.3000	.04	.04	.04	.03	.03
28.5500	.03	.03	.03	.03	.03
28.8000	.03	.03	.03	.03	.03

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
29.0500	.03	.03	.03	.03	.03
29.3000	.03	.03	.03	.03	.02
29.5500	.02	.02	.02	.02	.02
29.8000	.02	.02	.02	.02	.02
30.0500	.02	.02	.02	.02	.02
30.3000	.02	.02	.02	.02	.02
30.5500	.02	.02	.02	.02	.02
30.8000	.02	.02	.02	.02	.02
31.0500	.01	.01	.01	.01	.01
31.3000	.01	.01	.01	.01	.01
31.5500	.01	.01	.01	.01	.01
31.8000	.01	.01	.01	.01	.01
32.0500	.01	.01	.01	.01	.01
32.3000	.01	.01	.01	.01	.01
32.5500	.01	.01	.01	.01	.01
32.8000	.01	.01	.01	.01	.01
33.0500	.01	.01	.01	.01	.01
33.3000	.01	.01	.01	.01	.01
33.5500	.01	.01	.01	.01	.01
33.8000	.01	.01	.01	.01	.01
34.0500	.01	.01	.01	.01	.01
34.3000	.01	.01	.01	.01	.01
34.5500	.01	.01	.01	.01	.01
34.8000	.01	.01	.01	.01	.01
35.0500	.01	.01	.01	.01	.01
35.3000	.01	.01	.01	.01	.01
35.5500	.01	.01	.01	.01	.01
35.8000	.01	.01	.01	.01	.01
36.0500	.01	.01	.01	.01	.01
36.3000	.01	.01	.01	.01	.01
36.5500	.01	.01	.01	.01	.01
36.8000	.01	.01	.01	.01	.01
37.0500	.01	.01	.01	.01	.01
37.3000	.01	.01	.01	.01	.01
37.5500	.01	.01	.01	.01	.01
37.8000	.01	.01	.01	.01	.01
38.0500	.01	.00	.00	.00	.00
38.3000	.00	.00	.00	.00	.00
38.5500	.00	.00	.00	.00	.00
38.8000	.00	.00	.00	.00	.00
39.0500	.00	.00	.00	.00	.00
39.3000	.00	.00	.00	.00	.00
39.5500	.00	.00	.00	.00	.00
39.8000	.00	.00	.00	.00	.00
40.0500	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
40.3000	.00	.00	.00	.00	.00
40.5500	.00	.00	.00	.00	.00
40.8000	.00	.00	.00	.00	.00
41.0500	.00	.00	.00	.00	.00
41.3000	.00	.00	.00	.00	.00
41.5500	.00	.00	.00	.00	.00
41.8000	.00	.00	.00	.00	.00
42.0500	.00	.00	.00	.00	.00
42.3000	.00	.00			

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = WETLAND TO DP 1
HYG Tag = 1

Peak Discharge = .51 cfs
Time to Peak = 14.1500 hrs
HYG Volume = .263 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.3500	.00	.00	.00	.01	.01
12.6000	.02	.03	.04	.06	.08
12.8500	.10	.12	.15	.18	.20
13.1000	.23	.25	.28	.30	.32
13.3500	.35	.37	.39	.40	.42
13.6000	.43	.45	.46	.47	.48
13.8500	.48	.49	.50	.50	.50
14.1000	.51	.51	.51	.51	.51
14.3500	.51	.51	.51	.50	.50
14.6000	.50	.50	.49	.49	.49
14.8500	.48	.48	.47	.47	.46
15.1000	.46	.46	.45	.45	.44
15.3500	.44	.43	.43	.42	.42
15.6000	.41	.41	.41	.40	.40
15.8500	.39	.39	.38	.38	.37
16.1000	.37	.36	.36	.35	.35
16.3500	.34	.34	.33	.33	.33
16.6000	.32	.32	.32	.31	.31
16.8500	.31	.30	.30	.30	.29
17.1000	.29	.29	.28	.28	.28
17.3500	.27	.27	.27	.27	.26
17.6000	.26	.26	.25	.25	.25
17.8500	.25	.24	.24	.24	.24
18.1000	.23	.23	.23	.23	.22
18.3500	.22	.22	.22	.22	.21
18.6000	.21	.21	.21	.21	.20
18.8500	.20	.20	.20	.20	.19
19.1000	.19	.19	.19	.19	.18
19.3500	.18	.18	.18	.18	.18
19.6000	.18	.17	.17	.17	.17
19.8500	.17	.17	.17	.16	.16

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
20.1000	.16	.16	.16	.16	.16
20.3500	.16	.15	.15	.15	.15
20.6000	.15	.15	.15	.15	.15
20.8500	.15	.14	.14	.14	.14
21.1000	.14	.14	.14	.14	.14
21.3500	.14	.14	.14	.14	.14
21.6000	.13	.13	.13	.13	.13
21.8500	.13	.13	.13	.13	.13
22.1000	.13	.13	.13	.13	.12
22.3500	.12	.12	.12	.12	.12
22.6000	.12	.12	.12	.12	.12
22.8500	.12	.12	.12	.12	.12
23.1000	.11	.11	.11	.11	.11
23.3500	.11	.11	.11	.11	.11
23.6000	.11	.11	.11	.11	.11
23.8500	.11	.11	.10	.10	.10
24.1000	.10	.10	.10	.10	.10
24.3500	.10	.10	.10	.09	.09
24.6000	.09	.09	.09	.09	.08
24.8500	.08	.08	.08	.08	.08
25.1000	.08	.07	.07	.07	.07
25.3500	.07	.07	.07	.06	.06
25.6000	.06	.06	.06	.06	.06
25.8500	.06	.05	.05	.05	.05
26.1000	.05	.05	.05	.05	.04
26.3500	.04	.04	.04	.04	.04
26.6000	.04	.04	.04	.04	.04
26.8500	.04	.03	.03	.03	.03
27.1000	.03	.03	.03	.03	.03
27.3500	.03	.03	.03	.03	.03
27.6000	.03	.03	.03	.03	.03
27.8500	.03	.02	.02	.02	.02
28.1000	.02	.02	.02	.02	.02
28.3500	.02	.02	.02	.02	.02
28.6000	.02	.02	.02	.02	.02
28.8500	.02	.02	.02	.02	.02
29.1000	.02	.02	.02	.02	.02
29.3500	.02	.02	.02	.01	.01
29.6000	.01	.01	.01	.01	.01
29.8500	.01	.01	.01	.01	.01
30.1000	.01	.01	.01	.01	.01
30.3500	.01	.01	.01	.01	.01
30.6000	.01	.01	.01	.01	.01
30.8500	.01	.01	.01	.01	.01
31.1000	.01	.01	.01	.01	.01

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
31.3500	.01	.01	.01	.01	.01
31.6000	.01	.01	.01	.01	.01
31.8500	.01	.01	.01	.01	.01
32.1000	.01	.01	.01	.01	.01
32.3500	.01	.01	.01	.01	.01
32.6000	.01	.01	.01	.01	.01
32.8500	.01	.01	.01	.01	.01
33.1000	.01	.01	.01	.01	.01
33.3500	.01	.01	.01	.01	.01
33.6000	.01	.01	.01	.01	.01
33.8500	.01	.01	.01	.01	.01
34.1000	.01	.01	.01	.01	.01
34.3500	.01	.01	.01	.01	.01
34.6000	.01	.01	.01	.01	.01
34.8500	.01	.01	.01	.01	.01
35.1000	.01	.01	.01	.01	.01
35.3500	.01	.01	.01	.01	.01
35.6000	.01	.01	.01	.01	.01
35.8500	.01	.01	.01	.01	.01
36.1000	.01	.01	.01	.01	.01
36.3500	.01	.01	.01	.01	.00
36.6000	.00	.00	.00	.00	.00
36.8500	.00	.00	.00	.00	.00
37.1000	.00	.00	.00	.00	.00
37.3500	.00	.00	.00	.00	.00
37.6000	.00	.00	.00	.00	.00
37.8500	.00	.00	.00	.00	.00
38.1000	.00	.00	.00	.00	.00
38.3500	.00	.00	.00	.00	.00
38.6000	.00	.00	.00	.00	.00
38.8500	.00	.00	.00	.00	.00
39.1000	.00	.00	.00	.00	.00
39.3500	.00	.00	.00	.00	.00
39.6000	.00	.00	.00	.00	.00
39.8500	.00	.00	.00	.00	.00
40.1000	.00	.00	.00	.00	.00
40.3500	.00	.00	.00	.00	.00
40.6000	.00	.00	.00	.00	.00

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 1

Peak Discharge = 3.36 cfs
Time to Peak = 12.1500 hrs
HYG Volume = .325 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.2500	.00	.00	.00	.01	.02
11.5000	.04	.05	.08	.12	.18
11.7500	.26	.38	.53	.71	1.02
12.0000	1.62	2.34	2.98	3.36	3.18
12.2500	2.78	2.45	2.20	1.96	1.73
12.5000	1.48	1.25	1.05	.90	.81
12.7500	.75	.71	.68	.65	.62
13.0000	.59	.56	.54	.52	.51
13.2500	.50	.49	.48	.48	.47
13.5000	.46	.46	.45	.44	.43
13.7500	.43	.42	.41	.40	.40
14.0000	.39	.38	.38	.37	.36
14.2500	.36	.36	.35	.35	.35
14.5000	.34	.34	.34	.33	.33
14.7500	.32	.32	.32	.31	.31
15.0000	.31	.30	.30	.29	.29
15.2500	.29	.28	.28	.27	.27
15.5000	.26	.26	.26	.25	.25
15.7500	.24	.24	.24	.23	.23
16.0000	.22	.22	.21	.21	.21
16.2500	.21	.20	.20	.20	.20
16.5000	.20	.20	.19	.19	.19
16.7500	.19	.19	.18	.18	.18
17.0000	.18	.18	.17	.17	.17
17.2500	.17	.17	.17	.16	.16
17.5000	.16	.16	.16	.15	.15
17.7500	.15	.15	.15	.14	.14
18.0000	.14	.14	.14	.13	.13
18.2500	.13	.13	.13	.13	.13
18.5000	.13	.13	.13	.13	.13
18.7500	.13	.13	.13	.13	.13

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = WETLAND TO DP 1
HYG Tag = 2

Peak Discharge = 1.30 cfs
Time to Peak = 13.0500 hrs
HYG Volume = .438 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
12.1000	.00	.00	.01	.03	.09
12.3500	.18	.30	.44	.58	.72
12.6000	.85	.96	1.05	1.13	1.19
12.8500	1.23	1.26	1.28	1.29	1.30
13.1000	1.30	1.29	1.28	1.26	1.24
13.3500	1.23	1.21	1.18	1.16	1.14
13.6000	1.12	1.09	1.07	1.05	1.03
13.8500	1.01	.98	.96	.94	.92
14.1000	.90	.89	.87	.85	.83
14.3500	.82	.80	.79	.77	.76
14.6000	.74	.73	.72	.71	.69
14.8500	.68	.67	.66	.65	.64
15.1000	.63	.62	.61	.60	.59
15.3500	.58	.57	.56	.56	.55
15.6000	.54	.53	.52	.52	.51
15.8500	.50	.49	.49	.48	.47
16.1000	.46	.46	.45	.44	.44
16.3500	.43	.42	.42	.41	.40
16.6000	.40	.39	.39	.38	.38
16.8500	.37	.37	.36	.36	.35
17.1000	.35	.34	.34	.33	.33
17.3500	.33	.32	.32	.32	.31
17.6000	.31	.31	.30	.30	.30
17.8500	.29	.29	.29	.29	.28
18.1000	.28	.28	.27	.27	.27
18.3500	.27	.26	.26	.26	.25
18.6000	.25	.25	.25	.24	.24
18.8500	.24	.24	.23	.23	.23
19.1000	.23	.23	.23	.22	.22
19.3500	.22	.22	.22	.21	.21
19.6000	.21	.21	.21	.21	.21

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.8500	.20	.20	.20	.20	.20
20.1000	.20	.19	.19	.19	.19
20.3500	.19	.19	.19	.19	.18
20.6000	.18	.18	.18	.18	.18
20.8500	.18	.18	.18	.17	.17
21.1000	.17	.17	.17	.17	.17
21.3500	.17	.17	.16	.16	.16
21.6000	.16	.16	.16	.16	.16
21.8500	.16	.16	.16	.15	.15
22.1000	.15	.15	.15	.15	.15
22.3500	.15	.15	.15	.15	.15
22.6000	.15	.15	.14	.14	.14
22.8500	.14	.14	.14	.14	.14
23.1000	.14	.14	.14	.14	.14
23.3500	.14	.14	.13	.13	.13
23.6000	.13	.13	.13	.13	.13
23.8500	.13	.13	.13	.13	.13
24.1000	.13	.13	.12	.12	.12
24.3500	.12	.12	.12	.11	.11
24.6000	.11	.11	.11	.10	.10
24.8500	.10	.10	.10	.09	.09
25.1000	.09	.09	.09	.08	.08
25.3500	.08	.08	.08	.08	.07
25.6000	.07	.07	.07	.07	.07
25.8500	.07	.06	.06	.06	.06
26.1000	.06	.06	.06	.05	.05
26.3500	.05	.05	.05	.05	.05
26.6000	.05	.04	.04	.04	.04
26.8500	.04	.04	.04	.04	.04
27.1000	.04	.04	.04	.03	.03
27.3500	.03	.03	.03	.03	.03
27.6000	.03	.03	.03	.03	.03
27.8500	.03	.03	.03	.03	.03
28.1000	.03	.03	.03	.02	.02
28.3500	.02	.02	.02	.02	.02
28.6000	.02	.02	.02	.02	.02
28.8500	.02	.02	.02	.02	.02
29.1000	.02	.02	.02	.02	.02
29.3500	.02	.02	.02	.02	.02
29.6000	.02	.02	.02	.02	.01
29.8500	.01	.01	.01	.01	.01
30.1000	.01	.01	.01	.01	.01
30.3500	.01	.01	.01	.01	.01
30.6000	.01	.01	.01	.01	.01
30.8500	.01	.01	.01	.01	.01

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
31.1000	.01	.01	.01	.01	.01
31.3500	.01	.01	.01	.01	.01
31.6000	.01	.01	.01	.01	.01
31.8500	.01	.01	.01	.01	.01
32.1000	.01	.01	.01	.01	.01
32.3500	.01	.01	.01	.01	.01
32.6000	.01	.01	.01	.01	.01
32.8500	.01	.01	.01	.01	.01
33.1000	.01	.01	.01	.01	.01
33.3500	.01	.01	.01	.01	.01
33.6000	.01	.01	.01	.01	.01
33.8500	.01	.01	.01	.01	.01
34.1000	.01	.01	.01	.01	.01
34.3500	.01	.01	.01	.01	.01
34.6000	.01	.01	.01	.01	.01
34.8500	.01	.01	.01	.01	.01
35.1000	.01	.01	.01	.01	.01
35.3500	.01	.01	.01	.01	.01
35.6000	.01	.01	.01	.01	.01
35.8500	.01	.01	.01	.01	.01
36.1000	.01	.01	.01	.01	.01
36.3500	.01	.01	.01	.01	.01
36.6000	.01	.01	.01	.01	.01
36.8500	.00	.00	.00	.00	.00
37.1000	.00	.00	.00	.00	.00
37.3500	.00	.00	.00	.00	.00
37.6000	.00	.00	.00	.00	.00
37.8500	.00	.00	.00	.00	.00
38.1000	.00	.00	.00	.00	.00
38.3500	.00	.00	.00	.00	.00
38.6000	.00	.00	.00	.00	.00
38.8500	.00	.00	.00	.00	.00
39.1000	.00	.00	.00	.00	.00
39.3500	.00	.00	.00	.00	.00
39.6000	.00	.00	.00	.00	.00
39.8500	.00	.00	.00	.00	.00
40.1000	.00	.00	.00	.00	.00
40.3500	.00	.00	.00	.00	.00
40.6000	.00	.00	.00	.00	.00
40.8500	.00	.00	.00	.00	.00
41.1000	.00	.00			

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 2

Peak Discharge	5.46 cfs
Time to Peak	12.1500 hrs
HYG Volume	.502 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.6000	.00	.00	.01	.01	.02
10.8500	.02	.03	.04	.05	.06
11.1000	.07	.08	.09	.11	.13
11.3500	.15	.17	.19	.21	.25
11.6000	.31	.39	.53	.70	.92
11.8500	1.17	1.48	1.98	2.95	4.08
12.1000	5.00	5.46	5.07	4.37	3.80
12.3500	3.37	2.98	2.61	2.22	1.87
12.6000	1.56	1.34	1.20	1.11	1.05
12.8500	1.00	.95	.91	.86	.82
13.1000	.79	.76	.74	.73	.71
13.3500	.70	.69	.68	.67	.66
13.6000	.65	.64	.63	.62	.61
13.8500	.60	.58	.57	.56	.55
14.1000	.54	.53	.52	.52	.51
14.3500	.51	.50	.50	.49	.49
14.6000	.48	.48	.47	.46	.46
14.8500	.45	.45	.44	.44	.43
15.1000	.42	.42	.41	.41	.40
15.3500	.39	.39	.38	.38	.37
15.6000	.36	.36	.35	.35	.34
15.8500	.33	.33	.32	.32	.31
16.1000	.30	.30	.30	.29	.29
16.3500	.29	.28	.28	.28	.28
16.6000	.27	.27	.27	.27	.26
16.8500	.26	.26	.26	.25	.25
17.1000	.25	.24	.24	.24	.24
17.3500	.23	.23	.23	.22	.22
17.6000	.22	.22	.21	.21	.21
17.8500	.20	.20	.20	.20	.19
18.1000	.19	.19	.19	.19	.19

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = WETLAND TO DP 1
HYG Tag = 10

Peak Discharge = 5.06 cfs
Time to Peak = 12.5500 hrs
HYG Volume = .928 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.8000	.00	.00	.01	.03	.11
12.0500	.33	.76	1.37	2.06	2.74
12.3000	3.38	3.96	4.41	4.76	4.97
12.5500	5.06	5.05	4.97	4.84	4.68
12.8000	4.49	4.30	4.11	3.92	3.72
13.0500	3.54	3.36	3.20	3.04	2.89
13.3000	2.75	2.62	2.50	2.39	2.29
13.5500	2.19	2.10	2.02	1.94	1.87
13.8000	1.80	1.74	1.68	1.63	1.58
14.0500	1.53	1.48	1.44	1.40	1.36
14.3000	1.32	1.29	1.25	1.22	1.19
14.5500	1.17	1.14	1.11	1.09	1.07
14.8000	1.04	1.02	1.00	.99	.97
15.0500	.95	.93	.92	.90	.89
15.3000	.87	.86	.84	.83	.82
15.5500	.81	.79	.78	.77	.76
15.8000	.75	.73	.72	.71	.70
16.0500	.69	.68	.67	.66	.65
16.3000	.64	.63	.62	.61	.60
16.5500	.59	.58	.58	.57	.56
16.8000	.55	.55	.54	.53	.52
17.0500	.52	.51	.50	.50	.49
17.3000	.48	.48	.47	.47	.46
17.5500	.45	.45	.44	.44	.43
17.8000	.43	.42	.42	.41	.41
18.0500	.40	.40	.39	.39	.38
18.3000	.38	.37	.37	.37	.36
18.5500	.36	.35	.35	.35	.34
18.8000	.34	.34	.33	.33	.33
19.0500	.32	.32	.32	.32	.31
19.3000	.31	.31	.31	.31	.30

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.5500	.30	.30	.30	.29	.29
19.8000	.29	.29	.29	.29	.28
20.0500	.28	.28	.28	.28	.28
20.3000	.27	.27	.27	.27	.27
20.5500	.27	.26	.26	.26	.26
20.8000	.26	.26	.26	.26	.25
21.0500	.25	.25	.25	.25	.25
21.3000	.25	.24	.24	.24	.24
21.5500	.24	.24	.24	.24	.23
21.8000	.23	.23	.23	.23	.23
22.0500	.23	.23	.23	.23	.22
22.3000	.22	.22	.22	.22	.22
22.5500	.22	.22	.22	.22	.21
22.8000	.21	.21	.21	.21	.21
23.0500	.21	.21	.21	.21	.20
23.3000	.20	.20	.20	.20	.20
23.5500	.20	.20	.20	.20	.19
23.8000	.19	.19	.19	.19	.19
24.0500	.19	.19	.19	.18	.18
24.3000	.18	.18	.17	.17	.17
24.5500	.16	.16	.16	.15	.15
24.8000	.15	.14	.14	.14	.13
25.0500	.13	.13	.13	.12	.12
25.3000	.12	.11	.11	.11	.11
25.5500	.10	.10	.10	.09	.09
25.8000	.09	.09	.08	.08	.08
26.0500	.08	.08	.08	.07	.07
26.3000	.07	.07	.07	.07	.06
26.5500	.06	.06	.06	.06	.06
26.8000	.06	.05	.05	.05	.05
27.0500	.05	.05	.05	.04	.04
27.3000	.04	.04	.04	.04	.04
27.5500	.04	.04	.04	.04	.04
27.8000	.03	.03	.03	.03	.03
28.0500	.03	.03	.03	.03	.03
28.3000	.03	.03	.03	.03	.03
28.5500	.03	.03	.03	.03	.03
28.8000	.02	.02	.02	.02	.02
29.0500	.02	.02	.02	.02	.02
29.3000	.02	.02	.02	.02	.02
29.5500	.02	.02	.02	.02	.02
29.8000	.02	.02	.02	.02	.02
30.0500	.02	.02	.02	.02	.02
30.3000	.02	.02	.01	.01	.01
30.5500	.01	.01	.01	.01	.01

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
30.8000	.01	.01	.01	.01	.01
31.0500	.01	.01	.01	.01	.01
31.3000	.01	.01	.01	.01	.01
31.5500	.01	.01	.01	.01	.01
31.8000	.01	.01	.01	.01	.01
32.0500	.01	.01	.01	.01	.01
32.3000	.01	.01	.01	.01	.01
32.5500	.01	.01	.01	.01	.01
32.8000	.01	.01	.01	.01	.01
33.0500	.01	.01	.01	.01	.01
33.3000	.01	.01	.01	.01	.01
33.5500	.01	.01	.01	.01	.01
33.8000	.01	.01	.01	.01	.01
34.0500	.01	.01	.01	.01	.01
34.3000	.01	.01	.01	.01	.01
34.5500	.01	.01	.01	.01	.01
34.8000	.01	.01	.01	.01	.01
35.0500	.01	.01	.01	.01	.01
35.3000	.01	.01	.01	.01	.01
35.5500	.01	.01	.01	.01	.01
35.8000	.01	.01	.01	.01	.01
36.0500	.01	.01	.01	.01	.01
36.3000	.01	.01	.01	.01	.01
36.5500	.01	.01	.01	.01	.01
36.8000	.01	.01	.01	.01	.01
37.0500	.01	.01	.01	.01	.01
37.3000	.01	.01	.01	.00	.00
37.5500	.00	.00	.00	.00	.00
37.8000	.00	.00	.00	.00	.00
38.0500	.00	.00	.00	.00	.00
38.3000	.00	.00	.00	.00	.00
38.5500	.00	.00	.00	.00	.00
38.8000	.00	.00	.00	.00	.00
39.0500	.00	.00	.00	.00	.00
39.3000	.00	.00	.00	.00	.00
39.5500	.00	.00	.00	.00	.00
39.8000	.00	.00	.00	.00	.00
40.0500	.00	.00	.00	.00	.00
40.3000	.00	.00	.00	.00	.00
40.5500	.00	.00	.00	.00	.00
40.8000	.00	.00	.00	.00	.00
41.0500	.00	.00	.00	.00	.00
41.3000	.00	.00	.00	.00	.00
41.5500	.00	.00	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 10

Peak Discharge =	12.16 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	1.076 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
9.0500	.00	.00	.00	.01	.01
9.3000	.02	.03	.03	.04	.05
9.5500	.05	.06	.07	.08	.08
9.8000	.09	.10	.11	.12	.13
10.0500	.14	.15	.16	.17	.18
10.3000	.19	.21	.22	.23	.25
10.5500	.26	.28	.30	.31	.33
10.8000	.35	.37	.39	.41	.43
11.0500	.45	.48	.51	.55	.60
11.3000	.65	.70	.76	.82	.88
11.5500	.98	1.15	1.40	1.78	2.25
11.8000	2.80	3.41	4.10	5.22	7.40
12.0500	9.76	11.50	12.16	11.02	9.32
12.3000	7.96	6.97	6.09	5.29	4.47
12.5500	3.73	3.11	2.65	2.36	2.18
12.8000	2.05	1.95	1.85	1.77	1.68
13.0500	1.60	1.53	1.47	1.43	1.40
13.3000	1.38	1.36	1.33	1.31	1.29
13.5500	1.27	1.25	1.23	1.20	1.18
13.8000	1.16	1.14	1.11	1.09	1.07
14.0500	1.05	1.03	1.01	.99	.98
14.3000	.97	.96	.95	.94	.93
14.5500	.92	.91	.89	.88	.87
14.8000	.86	.85	.84	.83	.82
15.0500	.81	.79	.78	.77	.76
15.3000	.75	.74	.73	.71	.70
15.5500	.69	.68	.67	.66	.64
15.8000	.63	.62	.61	.60	.59
16.0500	.57	.56	.56	.55	.54
16.3000	.54	.53	.53	.52	.52
16.5500	.51	.51	.50	.50	.49

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = WETLAND TO DP 1
HYG Tag = 25

Peak Discharge = 7.73 cfs
Time to Peak = 12.6000 hrs
HYG Volume = 1.321 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
11.4000	.00	.00	.00	.01	.01
11.6500	.03	.06	.12	.23	.42
11.9000	.69	1.07	1.61	2.29	3.04
12.1500	3.84	4.61	5.33	5.94	6.47
12.4000	6.90	7.24	7.50	7.66	7.73
12.6500	7.69	7.53	7.28	6.97	6.63
12.9000	6.29	5.94	5.59	5.26	4.94
13.1500	4.64	4.36	4.10	3.87	3.64
13.4000	3.44	3.26	3.10	2.95	2.80
13.6500	2.67	2.55	2.45	2.35	2.26
13.9000	2.17	2.09	2.02	1.95	1.88
14.1500	1.82	1.77	1.71	1.66	1.62
14.4000	1.58	1.53	1.50	1.46	1.43
14.6500	1.39	1.36	1.33	1.31	1.28
14.9000	1.25	1.23	1.21	1.19	1.16
15.1500	1.14	1.12	1.10	1.08	1.07
15.4000	1.05	1.03	1.01	1.00	.98
15.6500	.97	.95	.94	.92	.91
15.9000	.89	.88	.87	.85	.84
16.1500	.83	.82	.80	.79	.78
16.4000	.77	.76	.74	.73	.72
16.6500	.71	.70	.69	.68	.68
16.9000	.67	.66	.65	.64	.63
17.1500	.63	.62	.61	.60	.59
17.4000	.59	.58	.57	.57	.56
17.6500	.55	.55	.54	.53	.53
17.9000	.52	.52	.51	.50	.50
18.1500	.49	.49	.48	.47	.47
18.4000	.46	.46	.45	.45	.44
18.6500	.44	.43	.43	.42	.42
18.9000	.42	.41	.41	.40	.40

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
19.1500	.40	.39	.39	.39	.38
19.4000	.38	.38	.38	.37	.37
19.6500	.37	.36	.36	.36	.36
19.9000	.35	.35	.35	.35	.34
20.1500	.34	.34	.34	.34	.33
20.4000	.33	.33	.33	.33	.32
20.6500	.32	.32	.32	.32	.32
20.9000	.31	.31	.31	.31	.31
21.1500	.31	.31	.30	.30	.30
21.4000	.30	.30	.30	.30	.29
21.6500	.29	.29	.29	.29	.29
21.9000	.29	.29	.28	.28	.28
22.1500	.28	.28	.28	.28	.28
22.4000	.27	.27	.27	.27	.27
22.6500	.27	.27	.27	.27	.26
22.9000	.26	.26	.26	.26	.26
23.1500	.26	.26	.25	.25	.25
23.4000	.25	.25	.25	.25	.25
23.6500	.24	.24	.24	.24	.24
23.9000	.24	.24	.24	.23	.23
24.1500	.23	.23	.23	.22	.22
24.4000	.22	.21	.21	.21	.20
24.6500	.20	.19	.19	.18	.18
24.9000	.17	.17	.16	.16	.16
25.1500	.15	.15	.14	.14	.14
25.4000	.13	.13	.13	.12	.12
25.6500	.12	.11	.11	.11	.10
25.9000	.10	.10	.10	.09	.09
26.1500	.09	.09	.08	.08	.08
26.4000	.08	.08	.07	.07	.07
26.6500	.07	.07	.07	.06	.06
26.9000	.06	.06	.06	.06	.06
27.1500	.05	.05	.05	.05	.05
27.4000	.05	.05	.04	.04	.04
27.6500	.04	.04	.04	.04	.04
27.9000	.04	.04	.04	.04	.03
28.1500	.03	.03	.03	.03	.03
28.4000	.03	.03	.03	.03	.03
28.6500	.03	.03	.03	.03	.03
28.9000	.03	.03	.03	.03	.02
29.1500	.02	.02	.02	.02	.02
29.4000	.02	.02	.02	.02	.02
29.6500	.02	.02	.02	.02	.02
29.9000	.02	.02	.02	.02	.02
30.1500	.02	.02	.02	.02	.02

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
30.4000	.02	.02	.02	.02	.02
30.6500	.01	.01	.01	.01	.01
30.9000	.01	.01	.01	.01	.01
31.1500	.01	.01	.01	.01	.01
31.4000	.01	.01	.01	.01	.01
31.6500	.01	.01	.01	.01	.01
31.9000	.01	.01	.01	.01	.01
32.1500	.01	.01	.01	.01	.01
32.4000	.01	.01	.01	.01	.01
32.6500	.01	.01	.01	.01	.01
32.9000	.01	.01	.01	.01	.01
33.1500	.01	.01	.01	.01	.01
33.4000	.01	.01	.01	.01	.01
33.6500	.01	.01	.01	.01	.01
33.9000	.01	.01	.01	.01	.01
34.1500	.01	.01	.01	.01	.01
34.4000	.01	.01	.01	.01	.01
34.6500	.01	.01	.01	.01	.01
34.9000	.01	.01	.01	.01	.01
35.1500	.01	.01	.01	.01	.01
35.4000	.01	.01	.01	.01	.01
35.6500	.01	.01	.01	.01	.01
35.9000	.01	.01	.01	.01	.01
36.1500	.01	.01	.01	.01	.01
36.4000	.01	.01	.01	.01	.01
36.6500	.01	.01	.01	.01	.01
36.9000	.01	.01	.01	.01	.01
37.1500	.01	.01	.01	.01	.01
37.4000	.01	.01	.01	.01	.01
37.6500	.01	.01	.00	.00	.00
37.9000	.00	.00	.00	.00	.00
38.1500	.00	.00	.00	.00	.00
38.4000	.00	.00	.00	.00	.00
38.6500	.00	.00	.00	.00	.00
38.9000	.00	.00	.00	.00	.00
39.1500	.00	.00	.00	.00	.00
39.4000	.00	.00	.00	.00	.00
39.6500	.00	.00	.00	.00	.00
39.9000	.00	.00	.00	.00	.00
40.1500	.00	.00	.00	.00	.00
40.4000	.00	.00	.00	.00	.00
40.6500	.00	.00	.00	.00	.00
40.9000	.00	.00	.00	.00	.00
41.1500	.00	.00	.00	.00	.00
41.4000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
41.6500	.00	.00	.00	.00	.00
41.9000	.00	.00	.00		

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 25

Peak Discharge =	17.97 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	1.587 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
8.1000	.00	.00	.00	.01	.01
8.3500	.02	.02	.03	.03	.04
8.6000	.05	.05	.06	.07	.08
8.8500	.08	.09	.10	.11	.12
9.1000	.13	.14	.15	.16	.17
9.3500	.18	.19	.20	.21	.22
9.6000	.23	.25	.26	.27	.28
9.8500	.30	.31	.33	.34	.35
10.1000	.37	.39	.41	.43	.45
10.3500	.47	.49	.52	.54	.56
10.6000	.59	.62	.64	.67	.70
10.8500	.73	.76	.78	.82	.85
11.1000	.89	.95	1.01	1.09	1.17
11.3500	1.25	1.34	1.44	1.54	1.69
11.6000	1.97	2.37	2.98	3.71	4.57
11.8500	5.50	6.53	8.18	11.39	14.81
12.1000	17.21	17.97	16.15	13.55	11.50
12.3500	10.01	8.71	7.54	6.35	5.29
12.6000	4.40	3.74	3.33	3.08	2.89
12.8500	2.74	2.60	2.48	2.35	2.24
13.1000	2.14	2.06	2.01	1.96	1.93
13.3500	1.89	1.86	1.83	1.80	1.77
13.6000	1.74	1.71	1.67	1.64	1.61
13.8500	1.58	1.55	1.51	1.48	1.45
14.1000	1.42	1.40	1.38	1.36	1.35
14.3500	1.33	1.31	1.30	1.28	1.27
14.6000	1.25	1.24	1.22	1.21	1.19
14.8500	1.18	1.16	1.14	1.13	1.11
15.1000	1.10	1.08	1.06	1.05	1.03
15.3500	1.02	1.00	.98	.97	.95
15.6000	.94	.92	.90	.89	.87

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = WETLAND TO DP 1
HYG Tag = 50

Peak Discharge = 9.16 cfs
Time to Peak = 12.6500 hrs
HYG Volume = 1.686 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.8500	.00	.00	.00	.00	.01
11.1000	.01	.03	.05	.07	.11
11.3500	.16	.23	.31	.40	.51
11.6000	.64	.79	.97	1.20	1.48
11.8500	1.85	2.30	2.84	3.48	4.19
12.1000	4.94	5.70	6.42	7.06	7.63
12.3500	8.10	8.47	8.73	8.92	9.06
12.6000	9.14	9.16	9.13	9.03	8.86
12.8500	8.62	8.28	7.87	7.44	6.99
13.1000	6.56	6.15	5.75	5.38	5.04
13.3500	4.72	4.43	4.17	3.93	3.72
13.6000	3.51	3.33	3.17	3.03	2.89
13.8500	2.76	2.64	2.54	2.44	2.35
14.1000	2.27	2.19	2.12	2.05	1.99
14.3500	1.93	1.87	1.82	1.77	1.73
14.6000	1.69	1.65	1.61	1.58	1.54
14.8500	1.51	1.48	1.45	1.43	1.40
15.1000	1.38	1.35	1.33	1.30	1.28
15.3500	1.26	1.24	1.22	1.20	1.18
15.6000	1.16	1.14	1.13	1.11	1.09
15.8500	1.07	1.05	1.04	1.02	1.00
16.1000	.99	.97	.96	.94	.93
16.3500	.91	.90	.88	.87	.86
16.6000	.85	.84	.82	.81	.80
16.8500	.79	.78	.77	.76	.75
17.1000	.74	.73	.72	.72	.71
17.3500	.70	.69	.68	.68	.67
17.6000	.66	.65	.64	.64	.63
17.8500	.62	.61	.61	.60	.59
18.1000	.58	.58	.57	.56	.56
18.3500	.55	.55	.54	.53	.53

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
18.6000	.52	.52	.51	.51	.50
18.8500	.50	.49	.49	.48	.48
19.1000	.47	.47	.47	.46	.46
19.3500	.45	.45	.45	.44	.44
19.6000	.44	.44	.43	.43	.43
19.8500	.42	.42	.42	.42	.41
20.1000	.41	.41	.41	.40	.40
20.3500	.40	.40	.39	.39	.39
20.6000	.39	.38	.38	.38	.38
20.8500	.38	.37	.37	.37	.37
21.1000	.37	.36	.36	.36	.36
21.3500	.36	.35	.35	.35	.35
21.6000	.35	.34	.34	.34	.34
21.8500	.34	.34	.33	.33	.33
22.1000	.33	.33	.33	.33	.32
22.3500	.32	.32	.32	.32	.32
22.6000	.32	.31	.31	.31	.31
22.8500	.31	.31	.31	.30	.30
23.1000	.30	.30	.30	.30	.30
23.3500	.29	.29	.29	.29	.29
23.6000	.29	.29	.29	.28	.28
23.8500	.28	.28	.28	.28	.28
24.1000	.27	.27	.27	.27	.26
24.3500	.26	.25	.25	.24	.24
24.6000	.23	.23	.22	.22	.21
24.8500	.21	.20	.20	.19	.19
25.1000	.18	.18	.17	.17	.16
25.3500	.16	.15	.15	.14	.14
25.6000	.14	.13	.13	.12	.12
25.8500	.12	.11	.11	.11	.11
26.1000	.10	.10	.10	.09	.09
26.3500	.09	.09	.08	.08	.08
26.6000	.08	.08	.07	.07	.07
26.8500	.07	.07	.07	.06	.06
27.1000	.06	.06	.06	.06	.06
27.3500	.05	.05	.05	.05	.05
27.6000	.05	.05	.04	.04	.04
27.8500	.04	.04	.04	.04	.04
28.1000	.04	.04	.04	.04	.03
28.3500	.03	.03	.03	.03	.03
28.6000	.03	.03	.03	.03	.03
28.8500	.03	.03	.03	.03	.03
29.1000	.03	.03	.03	.03	.02
29.3500	.02	.02	.02	.02	.02
29.6000	.02	.02	.02	.02	.02

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
29.8500	.02	.02	.02	.02	.02
30.1000	.02	.02	.02	.02	.02
30.3500	.02	.02	.02	.02	.02
30.6000	.02	.02	.02	.02	.02
30.8500	.01	.01	.01	.01	.01
31.1000	.01	.01	.01	.01	.01
31.3500	.01	.01	.01	.01	.01
31.6000	.01	.01	.01	.01	.01
31.8500	.01	.01	.01	.01	.01
32.1000	.01	.01	.01	.01	.01
32.3500	.01	.01	.01	.01	.01
32.6000	.01	.01	.01	.01	.01
32.8500	.01	.01	.01	.01	.01
33.1000	.01	.01	.01	.01	.01
33.3500	.01	.01	.01	.01	.01
33.6000	.01	.01	.01	.01	.01
33.8500	.01	.01	.01	.01	.01
34.1000	.01	.01	.01	.01	.01
34.3500	.01	.01	.01	.01	.01
34.6000	.01	.01	.01	.01	.01
34.8500	.01	.01	.01	.01	.01
35.1000	.01	.01	.01	.01	.01
35.3500	.01	.01	.01	.01	.01
35.6000	.01	.01	.01	.01	.01
35.8500	.01	.01	.01	.01	.01
36.1000	.01	.01	.01	.01	.01
36.3500	.01	.01	.01	.01	.01
36.6000	.01	.01	.01	.01	.01
36.8500	.01	.01	.01	.01	.01
37.1000	.01	.01	.01	.01	.01
37.3500	.01	.01	.01	.01	.01
37.6000	.01	.01	.01	.01	.01
37.8500	.01	.01	.00	.00	.00
38.1000	.00	.00	.00	.00	.00
38.3500	.00	.00	.00	.00	.00
38.6000	.00	.00	.00	.00	.00
38.8500	.00	.00	.00	.00	.00
39.1000	.00	.00	.00	.00	.00
39.3500	.00	.00	.00	.00	.00
39.6000	.00	.00	.00	.00	.00
39.8500	.00	.00	.00	.00	.00
40.1000	.00	.00	.00	.00	.00
40.3500	.00	.00	.00	.00	.00
40.6000	.00	.00	.00	.00	.00
40.8500	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
41.1000	.00	.00	.00	.00	.00
41.3500	.00	.00	.00	.00	.00
41.6000	.00	.00	.00	.00	.00
41.8500	.00	.00	.00	.00	.00
42.1000	.00	.00	.00		

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 50

Peak Discharge =	23.54 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	2.086 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
7.3500	.00	.00	.01	.01	.01
7.6000	.02	.02	.03	.03	.04
7.8500	.05	.05	.06	.06	.07
8.1000	.07	.08	.09	.10	.10
8.3500	.11	.12	.13	.14	.15
8.6000	.16	.17	.18	.19	.20
8.8500	.21	.23	.24	.25	.26
9.1000	.28	.29	.31	.32	.33
9.3500	.35	.36	.38	.40	.41
9.6000	.43	.45	.46	.48	.50
9.8500	.52	.53	.55	.57	.59
10.1000	.61	.64	.66	.69	.72
10.3500	.75	.78	.82	.85	.88
10.6000	.92	.95	.99	1.03	1.06
10.8500	1.10	1.14	1.18	1.22	1.27
11.1000	1.33	1.40	1.49	1.59	1.71
11.3500	1.82	1.94	2.07	2.20	2.41
11.6000	2.79	3.35	4.19	5.18	6.34
11.8500	7.57	8.92	11.08	15.28	19.69
12.1000	22.69	23.54	21.03	17.57	14.85
12.3500	12.89	11.18	9.66	8.12	6.75
12.6000	5.61	4.77	4.24	3.91	3.67
12.8500	3.48	3.30	3.15	2.98	2.84
13.1000	2.71	2.61	2.54	2.49	2.44
13.3500	2.40	2.36	2.32	2.27	2.24
13.6000	2.19	2.16	2.11	2.07	2.03
13.8500	1.99	1.95	1.91	1.87	1.83
14.1000	1.79	1.76	1.74	1.72	1.69
14.3500	1.67	1.65	1.63	1.61	1.60
14.6000	1.58	1.56	1.54	1.52	1.50
14.8500	1.48	1.46	1.44	1.42	1.40

DIVERTED HYDROGRAPH...
HYG file =
HYG ID = WETLAND TO DP 1
HYG Tag = 100

Peak Discharge = 10.39 cfs
Time to Peak = 12.7000 hrs
HYG Volume = 2.130 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
10.2000	.00	.00	.00	.00	.01
10.4500	.01	.02	.04	.06	.09
10.7000	.13	.18	.24	.30	.38
10.9500	.45	.54	.63	.72	.82
11.2000	.92	1.02	1.12	1.23	1.35
11.4500	1.46	1.58	1.71	1.85	2.02
11.7000	2.23	2.49	2.84	3.27	3.79
11.9500	4.36	4.98	5.65	6.36	7.09
12.2000	7.79	8.41	8.87	9.27	9.59
12.4500	9.86	10.06	10.22	10.32	10.38
12.7000	10.39	10.35	10.28	10.18	10.01
12.9500	9.79	9.52	9.17	8.78	8.34
13.2000	7.83	7.33	6.84	6.39	5.97
13.4500	5.59	5.23	4.90	4.60	4.33
13.7000	4.09	3.88	3.67	3.49	3.32
13.9500	3.17	3.04	2.91	2.79	2.68
14.2000	2.59	2.50	2.41	2.34	2.26
14.4500	2.20	2.13	2.07	2.02	1.97
14.7000	1.92	1.88	1.84	1.80	1.76
14.9500	1.72	1.69	1.66	1.63	1.60
15.2000	1.57	1.54	1.52	1.49	1.47
15.4500	1.44	1.42	1.40	1.38	1.36
15.7000	1.33	1.31	1.29	1.27	1.25
15.9500	1.23	1.21	1.19	1.17	1.15
16.2000	1.13	1.12	1.10	1.08	1.06
16.4500	1.05	1.03	1.02	1.00	.99
16.7000	.97	.96	.94	.93	.92
16.9500	.91	.89	.88	.87	.86
17.2000	.85	.84	.83	.82	.81
17.4500	.80	.79	.79	.78	.77
17.7000	.76	.75	.74	.73	.72

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
17.9500	.72	.71	.70	.69	.68
18.2000	.68	.67	.66	.65	.65
18.4500	.64	.63	.62	.62	.61
18.7000	.60	.60	.59	.59	.58
18.9500	.58	.57	.57	.56	.56
19.2000	.55	.55	.54	.54	.54
19.4500	.53	.53	.53	.52	.52
19.7000	.51	.51	.51	.50	.50
19.9500	.50	.49	.49	.49	.49
20.2000	.48	.48	.48	.47	.47
20.4500	.47	.46	.46	.46	.46
20.7000	.45	.45	.45	.45	.44
20.9500	.44	.44	.44	.44	.43
21.2000	.43	.43	.43	.43	.42
21.4500	.42	.42	.42	.41	.41
21.7000	.41	.41	.41	.40	.40
21.9500	.40	.40	.40	.39	.39
22.2000	.39	.39	.39	.39	.38
22.4500	.38	.38	.38	.38	.37
22.7000	.37	.37	.37	.37	.36
22.9500	.36	.36	.36	.36	.36
23.2000	.35	.35	.35	.35	.35
23.4500	.34	.34	.34	.34	.34
23.7000	.33	.33	.33	.33	.33
23.9500	.33	.32	.32	.32	.32
24.2000	.31	.31	.31	.30	.29
24.4500	.29	.28	.28	.27	.26
24.7000	.26	.25	.24	.24	.23
24.9500	.22	.22	.21	.21	.20
25.2000	.19	.19	.18	.18	.17
25.4500	.17	.16	.16	.15	.15
25.7000	.14	.14	.13	.13	.13
25.9500	.12	.12	.12	.11	.11
26.2000	.11	.10	.10	.10	.10
26.4500	.09	.09	.09	.08	.08
26.7000	.08	.08	.08	.07	.07
26.9500	.07	.07	.07	.07	.06
27.2000	.06	.06	.06	.06	.06
27.4500	.06	.05	.05	.05	.05
27.7000	.05	.05	.05	.05	.04
27.9500	.04	.04	.04	.04	.04
28.2000	.04	.04	.04	.04	.04
28.4500	.03	.03	.03	.03	.03
28.7000	.03	.03	.03	.03	.03
28.9500	.03	.03	.03	.03	.03

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
29.2000	.03	.03	.03	.03	.03
29.4500	.03	.02	.02	.02	.02
29.7000	.02	.02	.02	.02	.02
29.9500	.02	.02	.02	.02	.02
30.2000	.02	.02	.02	.02	.02
30.4500	.02	.02	.02	.02	.02
30.7000	.02	.02	.02	.02	.02
30.9500	.02	.02	.01	.01	.01
31.2000	.01	.01	.01	.01	.01
31.4500	.01	.01	.01	.01	.01
31.7000	.01	.01	.01	.01	.01
31.9500	.01	.01	.01	.01	.01
32.2000	.01	.01	.01	.01	.01
32.4500	.01	.01	.01	.01	.01
32.7000	.01	.01	.01	.01	.01
32.9500	.01	.01	.01	.01	.01
33.2000	.01	.01	.01	.01	.01
33.4500	.01	.01	.01	.01	.01
33.7000	.01	.01	.01	.01	.01
33.9500	.01	.01	.01	.01	.01
34.2000	.01	.01	.01	.01	.01
34.4500	.01	.01	.01	.01	.01
34.7000	.01	.01	.01	.01	.01
34.9500	.01	.01	.01	.01	.01
35.2000	.01	.01	.01	.01	.01
35.4500	.01	.01	.01	.01	.01
35.7000	.01	.01	.01	.01	.01
35.9500	.01	.01	.01	.01	.01
36.2000	.01	.01	.01	.01	.01
36.4500	.01	.01	.01	.01	.01
36.7000	.01	.01	.01	.01	.01
36.9500	.01	.01	.01	.01	.01
37.2000	.01	.01	.01	.01	.01
37.4500	.01	.01	.01	.01	.01
37.7000	.01	.01	.01	.01	.01
37.9500	.01	.01	.01	.00	.00
38.2000	.00	.00	.00	.00	.00
38.4500	.00	.00	.00	.00	.00
38.7000	.00	.00	.00	.00	.00
38.9500	.00	.00	.00	.00	.00
39.2000	.00	.00	.00	.00	.00
39.4500	.00	.00	.00	.00	.00
39.7000	.00	.00	.00	.00	.00
39.9500	.00	.00	.00	.00	.00
40.2000	.00	.00	.00	.00	.00

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time hrs | Time on left represents time for first value in each row.

Time hrs					
40.4500	.00	.00	.00	.00	.00
40.7000	.00	.00	.00	.00	.00
40.9500	.00	.00	.00	.00	.00
41.2000	.00	.00	.00	.00	.00
41.4500	.00	.00	.00	.00	.00
41.7000	.00	.00	.00	.00	.00
41.9500	.00	.00	.00	.00	.00
42.2000	.00	.00	.00	.00	

TOTAL NODE INFLOW...
HYG file =
HYG ID = DP 2
HYG Tag = 100

Peak Discharge =	30.40 cfs
Time to Peak =	12.1500 hrs
HYG Volume =	2.714 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.

Time hrs					
6.5500	.00	.00	.01	.01	.01
6.8000	.02	.02	.03	.03	.04
7.0500	.04	.05	.06	.06	.07
7.3000	.07	.08	.09	.09	.10
7.5500	.11	.11	.12	.13	.14
7.8000	.14	.15	.16	.17	.18
8.0500	.19	.19	.20	.22	.23
8.3000	.24	.25	.26	.28	.29
8.5500	.31	.32	.34	.35	.37
8.8000	.38	.40	.42	.44	.45
9.0500	.47	.49	.51	.53	.55
9.3000	.57	.59	.61	.63	.65
9.5500	.68	.70	.72	.74	.77
9.8000	.79	.81	.84	.86	.89
10.0500	.92	.95	.98	1.01	1.05
10.3000	1.09	1.13	1.18	1.22	1.26
10.5500	1.31	1.35	1.40	1.45	1.50
10.8000	1.55	1.60	1.65	1.70	1.75
11.0500	1.81	1.89	1.99	2.11	2.25
11.3000	2.40	2.56	2.72	2.88	3.06
11.5500	3.34	3.86	4.61	5.74	7.06
11.8000	8.59	10.19	11.94	14.73	20.15
12.0500	25.77	29.49	30.40	27.05	22.51
12.3000	18.96	16.40	14.20	12.25	10.27
12.5500	8.53	7.08	6.02	5.35	4.93
12.8000	4.62	4.38	4.16	3.96	3.75
13.0500	3.57	3.41	3.28	3.19	3.12
13.3000	3.06	3.01	2.95	2.90	2.85
13.5500	2.80	2.75	2.70	2.65	2.60
13.8000	2.54	2.49	2.44	2.39	2.34
14.0500	2.29	2.24	2.20	2.17	2.14

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