I-70/I-71 PHASE 6R
FRA-70-13.10

CITY OF COLUMBUS
FRANKLIN COUNTY, OHIO

PREPARED FOR:
CITY OF COLUMBUS

POST-CONSTRUCTION
BEST MANAGEMENT PRACTICES REPORT

July 31, 2020

PREPARED BY:

ms consultants, inc.
engineers, architects, planners
2221 Schrock Road
Columbus, Ohio

1.0 PROJECT BACKGROUND

This project is part of the larger I-70/I-71 Crossroads project through the Ohio Department of Transportation (ODOT). This phase, referred to in this report as Phase 6R, includes work within the limits of the City of Columbus on 2nd Street between W. Noble Street and W. Mound Street, north of the on ramp to I-70. This portion of the phase includes reconstruction of 2nd Street and the addition of full width sidewalks and brick pavers within the right of way.

Post Construction Stormwater Best Management Practices (BMPs) for this portion of the proposed project will conform to the criteria and requirements of the City of Columbus Stormwater Drainage Manual. This report outlines the approach and supplemental information used for the Stage 2/3 submittal to design the necessary best management practices and meet the requirements required by the City of Columbus.

2.0 POST-CONSTRUCTION BMP REQUIREMENTS

The City of Columbus Stormwater Drainage Manual requires post-construction best management practices for construction projects resulting in over 10,000 square feet of earth disturbing activity or that add more than 2,000 square feet of new impervious area. These projects require post-construction BMPs to address water quality (pollutant removal) and potential water quantity (stream protection/volume control). This portion of the project disturbs 0.27 acres of land, therefore Phase 6R warrants post construction BMPs for water quality management. The remainder of the project was covered under the BMP's that were constructed as part of Phase 2B. The Second Street area was added after the installation of the Phase 2B project.

To meet the requirements of the OEPA General Permit OHC000005, Water Quality for the project was evaluated based on the requirements within the SWDM. The Phase 6R, 2nd Street portion of the project will disturb 0.27 acres within the existing right-of-way. Equation 1 shows the formula for the calculation of the Water Quality Volume requirements for the project disturbed area. Significant project variables are outlined in the **Table 1** below.

Equation 1:

$$WQ_v = \frac{R_v * P * A}{12}$$

WQ_v = Water Quality Volume (acre-ft)

R_v = Composite Volumetric Runoff Coefficient: $(R_{v_1}*0.20) + (R_{v_2}-R_{v_1})$

R_{v_1} = 0.5 + 0.90 $* i_1$

R_{v_2} = 0.5 + 0.90 $* i_2$

R_{v_1} = volumetric runoff coefficient for existing conditions

R_{v_2} = volumetric runoff coefficient for proposed conditions

i_1 = Impervious area divided by the total area (within the BMP drainage area, existing)

i_2 = Impervious area divided by the total area (within the BMP drainage area, proposed)

P = Precipitation (0.90 inches)
A = drainage area, acres

Table 1: Treatment Requirement for Redevelopment Projects

Variable	Area (acres)
EDA	0.267
Existing Impervious Area	0.224
Existing Pervious Area	0.043
Proposed Impervious Area	0.218
Proposed Pervious Area	0.049
R_{v_1}	0.800
R_{v_2}	0.780
A	0.267
P	0.900
R_v	0.150
WQ_v	0.0030
WQ_v Required, with 20% Sediment Storage	**0.0036 acre-ft.**

In addition to the required treatment for water quality volume, the project will also need to meet the water quantity requirements outlined within the SWDM. The stormwater quantity controls required by City of Columbus use a modified critical storm methodology. Critical storm calculations were performed to determine water quantity control required to meet the 100-year post to 10-year pre-development peak discharge reduction, in addition to the peak flow reduction for the critical storm event to the 1-year pre-condition peak discharge. The percent increase in runoff volume was determined to be less than 10%, therefore the critical storm event for this portion of the project is the 1-year storm.

Table 2: Necessary Water Quantity Detention for Critical Storm

	1-Year Pre-Construction	1-Year Post-Construction
Curve Number	94	94
Runoff Depth (in.)	1.58	1.58
Peak Discharge (cfs)	0.56	0.56
Discharge to Detain (cfs):		0.00

Table 3: Necessary Water Quantity Detention for 100-Year Storm Event

	10-Year Pre-Construction	100-Year Post-Construction
Curve Number	94	94
Runoff Depth (in.)	3.07	4.93
Peak Discharge (cfs)	1.09	1.75
Discharge to Detain (cfs):		0.66

Table 2 and **Table 3** display the necessary water quantity requirements for the critical storm event to the 1-year pre-condition and the 100-year post to 10-year pre-development conditions, respectively. Approximately 0.66 cubic feet per second of discharge needs to be detained by the best management practices utilized in Phase 6R. Detailed quality and quantity calculations are located in **Appendix A.**

The existing and proposed conditions were also modeled within Pondpack in order to confirm that the necessary post-construction water quantity requirements were met by the proposed BMPs. The tables below summarize the Pondpack model outputs in addition to other significant stormwater values for the Phase 6R, 2nd Street. Pondpack model outputs are included in this report as **Appendix B.**

Table 4: *Critical Storm Summary Table*

1-Year Pre-Development Storm Runoff Volume (ft.^{3})	1,524.60
1-Year Post Development Storm Runoff Volume (ft.^{3})	1,524.60
Volume Increase	0.0%
Critical Storm	1-Year

Table 5: *Stormwater Runoff Summary Table*

Storm Event	Pre-Development Peak Flow (cfs)	Post-Development Peak Flow (cfs)	Proposed Allowable Release Rate (cfs)	Post-Development Release Rate (cfs)
1-Year	0.58	1.34	0.58	1.16
2-Year	0.72	1.38	0.72	1.20
5-Year	0.91	1.43	0.91	1.26
10-Year	1.62	1.48	1.62	0.83
50-Year	1.45	1.59	1.45	1.42
100-Year	1.64	1.66	1.64	1.47

The allowable release rate for the project is 1.62 cfs and is equivalent to the 10-year peak pre-developed flow rate. The modeled 100-year peak flow rate after development is 1.47 cfs, so the project is compliant with the requirements of the SWDM.

Table 6: *Detention Summary Table*

Water Quality Volume Required (acre-ft.)	0.0036
Water Quality Volume Provided (acre-ft.))	0.0079
Water Quantity Volume Required (cfs)	1.62
Water Quantity Volume Provided (cfs)	1.47

3.0 BMP EVALUATION

The SWDM lists the following BMPs that treat water quality and water quantity:

- Dry Detention Basins
- Wet Detention Basins
- Parking Lot Storage
- Underground Tank Storage
- Green Roof Technologies
- Porous Pavement
- Rainwater Harvesting

Due to a relatively small project footprint and an effort to match the appearance of nearby best management practices, it was determined that the post-construction BMPs for Phase 6R will be bioretention cells that collect flow from the roadway curb line. The proposed cells will be placed within the right of way between the curb and the proposed sidewalk, and will look similar to the existing bioretention cells on 2nd Street, north of Noble Street.

The Phase 6R, 2nd Street portion of the Crossroads project was added to the scope at a later point in design, therefore it required water quality storage separate from that of the remaining project area. Hydrodynamic separators installed in Phase 2B meet the water quality requirements for the rest of the Crossroads project.

4.0 BMP SELECTION AND SIZING

The bioretention cells will consist of a depressed area that allows shallow ponding and treatment of stormwater by evaporation and filtration through an engineered soil. A perforated underdrain will capture the treated water and transport it through an underdrain system to a storm network on Mound Street. The minimum bioretention cell surface area must be 5% of the total impervious tributary area. A total of five (5) bioretention cells will be used. The proposed bioretention cell dimensions and media footprint areas can be found in **Table 4**. Detailed sizing calculations for the bioretention cells are located in **Appendix A**.

Table 4: *Proposed Bioretention Cell Dimension and Media Footprint Areas*

Centerline Stationing	Length (ft)	Width (ft)	Footprint (ft^2)
POT STA. 4+67.179 L	27	4	108
POT STA. 5+57.592 L	19	4	76
POT STA. 5+3.458 R	19	4	76
POT STA. 5+30.458 R	19	4	76
POT STA. 5+57.458 R	19	4	76

No pretreatment was included in the design of the project, as the bioretention cells were chosen to match existing bioretention cells installed north of Noble Street. To account for the lack of pretreatment, the bioretention cells were designed to store additional treatment volume. The required water quality volume for the project is 0.0036 acre-ft, and 0.0079 acre-ft are being provided.

Velocity into the bioretention cells will be mitigated with a curb inlet that is perpendicular to the flow path and a level splash block. When flows entering the cell exceed the WQ$_v$, the cell will begin bypassing flow, keeping the flow in the curb from entering the bioretention cell.

5.0 SUMMARY

The Phase 6R, 2nd Street project warrants the need for post-construction best management practices, per the City of Columbus Stormwater Drainage Manual. Water quality storage will be met through the utilization of five bioretention cells along 2nd Street.

APPENDIX A:
POST-CONSTRUCTION BMP
CALCULATIONS

BMP DESIGN SPREADSHEET - CITY OF COLUMBUS

PROJECT NAME	FRA-70-13.10 Phase 6R
FILE #	60-06634
DATE	7/31/2020
BY	Monica Backs
CHECKED	Chad Boyer, 7/21/2020

PROJECT SUMMARY

TOTAL EDA	0.267	ACRES
EXISTING IMPERVIOUS AREA, EDA	0.224	ACRES
EXISTING PERVIOUS AREA, EDA	0.043	ACRES
PROPOSED IMPERVIOUS AREA, EDA	0.218	ACRES
PROPOSED PERVIOUS AREA, EDA	0.049	ACRES
R_{v1}	0.80	
R_{v2}	0.78	

$R_{v\#}$ = 0.05+0.9*(Imp Area/Total EDA)

Composite R_v = $(R_{v1}*0.20)+(R_{v2}-R_{v1})$

WQv CALCULATION

Composite Rv	0.15	
P	0.9	IN
A	0.267	A
WQv Req'd	**0.0030**	**A-FT**
WQv with 20% Sediment Storage	**0.0036**	**A-FT**
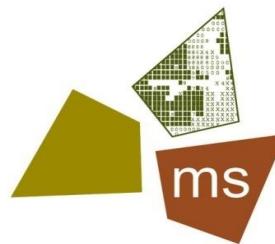
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	Basin 1	Basin 2	Basin 3	Basin 4	Basin 5		
Tributary Area (ft^2)	1387.46	703.83	718.79	4081.38	1941.73	8833.18	0.202781887
Pervious Area (ft^2)	240.66	87.48	87.54	167.07	240.52		
Cell Area (ft^2)	76.00	76.00	76.00	108.00	76.00		
Impervious Area (ft2)	1070.80	540.35	555.24	3806.31	1625.21		
Potential Storage Depth (inch)	12.68	6.40	6.58	31.72	19.25		
Excess Depth (inch)	0.68	0.00	0.00	19.72	7.25		
						Total WQv	
Proposed Storage (acre-ft)	0.0017	0.0009	0.0010	0.0025	0.0017	0.0079	

BMP DESIGN SPREADSHEET - CITY OF COLUMBUS	
PROJECT NAME	FRA-70-13.10 Phase 6R
FILE #	60-06634
DATE	3/12/2020
BY	Monica Backs
CHECKED	Chad Boyer, 3/12/2020

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NRCS SCS RUNOFF CALCULATIONS

CRITICAL STORM CALCULATIONS
NRCS SCS CURVE NUMBER METHOD

$Q = (P-I_a)^2/[(P-I_a)+S]$

$Q_P = Q_u A_m Q F_p$

		Pre	Post
TOTAL AREA		0.27	0.27
WOODS, SOIL C	70	0.00	0.00
PERVIOUS, C	74	0.043	0.049
IMPERVIOUS	98	0.224	0.218
	CN=	94	94

Percent Increase = 0 %

1-YEAR PRE-CONSTRUCTION	
CURVE NUMBER (CN) =	94
S= (1000/CN)-10; S (IN) =	0.638
Initial Abstraction (in.); I_a=	0.128
I_a/P=	0.058
Runoff Depth (in.); Q =	1.584

PRECIPITATION (IN.)	
1-YEAR	2.20
2-YEAR	2.63
5-YEAR	3.24
10-YEAR	3.74
25-YEAR	4.44
50-YEAR	5.02
100-YEAR	5.63

1-YEAR POST-CONSTRUCTION	
CURVE NUMBER (CN) =	94
S= (1000/CN)-10; S (IN) =	0.638
Initial Abstraction (in.); I_a=	0.128
I_a/P=	0.058
Runoff Depth (in.); Q =	1.584

10-YEAR PRE-CONSTRUCTION		
CURVE NUMBER (CN) =	94	
S= (1000/CN)-10; S (IN) =	0.638297872	
Initial Abstraction (in.); I_a=	0.127659574	
I_a/P=	0.034133576	
Runoff Depth (in.); Q =	3.069892669	
Unit peak discharge (csm/in); Q_U=	850	csm/in
Drainage Area =	0.27	acres
Drainage Area (sq. mi.); A_m=	0.000416875	sq. mi.
Pond and swamp factor; F_p=	1.00	
Peak discharge (cfs); Q_p=	1.09	cfs

100-YEAR POST-CONSTRUCTION		
CURVE NUMBER (CN) =	94	
S= (1000/CN)-10; S (IN) =	0.638298	
Initial Abstraction (in.); I_a=	0.12766	
I_a/P=	0.022675	
Runoff Depth (in.); Q =	4.930391	
Unit peak discharge (csm/in); Q_U=	850	csm/in
Drainage Area =	0.27	acres
Drainage Area (sq. mi.); A_m=	0.000417	sq. mi.
Pond and swamp factor; F_p=	1.00	
Peak discharge (cfs); Q_p=	1.75	cfs	0.66 Discharge to detain

1-YEAR PRE-CONSTRUCTION		
CURVE NUMBER (CN) =	94	
S= (1000/CN)-10; S (IN) =	0.638297872	
Initial Abstraction (in.); I_a=	0.127659574	
I_a/P=	0.058027079	
Runoff Depth (in.); Q =	1.584348175	
Unit peak discharge (csm/in); Q_U=	850	csm/in
Drainage Area =	0.27	acres
Drainage Area (sq. mi.); A_m=	0.000416875	sq. mi.
Pond and swamp factor; F_p=	1.00	
Peak discharge (cfs); Q_p=	0.56	cfs

1-YEAR POST-CONSTRUCTION		
CURVE NUMBER (CN) =	94	
S= (1000/CN)-10; S (IN) =	0.638298	
Initial Abstraction (in.); I_a=	0.12766	
I_a/P=	0.058027	
Runoff Depth (in.); Q =	1.584348	
Unit peak discharge (csm/in); Q_U=	850	csm/in
Drainage Area =	0.27	acres
Drainage Area (sq. mi.); A_m=	0.000417	sq. mi.
Pond and swamp factor; F_p=	1.00	
Peak discharge (cfs); Q_p=	0.56	cfs	0.00 Discharge to detain

APPENDIX B:
PONDPACK OUTPUTS

70/71 Phase 6R Allowable

Project Summary	
Title	70/71 Phase 6R Allowable
Engineer	cboyer
Company	msconsultants, inc.
Date	7/30/2020

Notes	

Existing.ppc
7/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center
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70/71 Phase 6R Allowable

Subsection: User Notifications

User Notifications

Message Id	7
Scenario	24-hour, 10 yrs
Element Type	Catchment
Element Id	544
Label	Changed
Time	(N/A)
Message	The difference between calculated peak flow and interpolated peak flow 1.7 % is greater than 1.5 %. Computed peak flow= 0.04 ft³/s Interp. peak flow= 0.04 ft³/s. Output increment for this catchment may be too large.
Source	Warning
Message Id	7
Scenario	24-hour, 10 yrs
Element Type	Catchment
Element Id	412
Label	Unchanged
Time	(N/A)
Message	The difference between calculated peak flow and interpolated peak flow 1.6 % is greater than 1.5 %. Computed peak flow= 1.61 ft³/s Interp. peak flow= 1.58 ft³/s. Output increment for this catchment may be too large.
Source	Warning

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70/71 Phase 6R Allowable

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (min)	Peak Flow (ft³/s)
Changed	24-hour, 10 yrs	10	118.000	720.000	0.04
Unchanged	24-hour, 10 yrs	100	4,715.000	720.000	1.58

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (min)	Peak Flow (ft³/s)
Combined Outlet	24-hour, 10 yrs	10	4,833.000	720.000	1.62

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70/71 Phase 6R Allowable

Subsection: Time-Depth Curve

Label: Changed

Scenario: 24-hour, 10 yrs

Return Event: 10 years

Storm Event: TypeII 24hr (3.7 in)

Time-Depth Curve: TypeII 24hr (3.7 in)	
Label	TypeII 24hr (3.7 in)
Start Time	0.000 min
Increment	6.000 min
End Time	1,440.000 min
Return Event	10 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 6.000 min
Time on left represents time for first value in each row.

Time (min)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.00000	0.00378	0.00755	0.01141	0.01526
30.000	0.01919	0.02311	0.02712	0.03112	0.03519
60.000	0.03927	0.04342	0.04757	0.05180	0.05603
90.000	0.06033	0.06463	0.06900	0.07338	0.07783
120.000	0.08228	0.08681	0.09133	0.09593	0.10053
150.000	0.10521	0.10988	0.11463	0.11938	0.12421
180.000	0.12903	0.13393	0.13883	0.14380	0.14878
210.000	0.15383	0.15888	0.16400	0.16912	0.17432
240.000	0.17952	0.18479	0.19014	0.19556	0.20106
270.000	0.20664	0.21228	0.21800	0.22380	0.22967
300.000	0.23562	0.24164	0.24774	0.25391	0.26015
330.000	0.26648	0.27287	0.27934	0.28589	0.29251
360.000	0.29920	0.30597	0.31281	0.31973	0.32673
390.000	0.33380	0.34094	0.34816	0.35545	0.36282
420.000	0.37026	0.37778	0.38537	0.39304	0.40078
450.000	0.40860	0.41649	0.42445	0.43249	0.44061
480.000	0.44880	0.45722	0.46600	0.47517	0.48470
510.000	0.49462	0.50490	0.51556	0.52659	0.53800
540.000	0.54978	0.56175	0.57372	0.58568	0.59765
570.000	0.60962	0.62189	0.63475	0.64822	0.66228
600.000	0.67694	0.69235	0.70866	0.72586	0.74396
630.000	0.76296	0.78316	0.80485	0.82804	0.85272
660.000	0.87890	0.90762	0.93994	0.97584	1.01534
690.000	1.05842	1.14758	1.32531	1.61115	2.12380
720.000	2.47962	2.55053	2.61291	2.66677	2.71210
750.000	2.74890	2.78047	2.81009	2.83776	2.86349
780.000	2.88728	2.90957	2.93081	2.95101	2.97016
810.000	2.98826	3.00546	3.02192	3.03763	3.05259
840.000	3.06680	3.08053	3.09395	3.10715	3.12006
870.000	3.13274	3.14512	3.15727	3.16913	3.18076
900.000	3.19209	3.20320	3.21401	3.22459	3.23488
930.000	3.24494	3.25470	3.26423	3.27347	3.28249
960.000	3.29120	3.29976	3.30822	3.31659	3.32486

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70/71 Phase 6R Allowable

Subsection: Time-Depth Curve

Label: Changed

Scenario: 24-hour, 10 yrs

Return Event: 10 years

Storm Event: TypeII 24hr (3.7 in)

CUMULATIVE RAINFALL (in)
Output Time Increment = 6.000 min
Time on left represents time for first value in each row.

Time (min)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
990.000	3.33305	3.34113	3.34913	3.35702	3.36484
1,020.000	3.37255	3.38017	3.38769	3.39513	3.40246
1,050.000	3.40972	3.41686	3.42393	3.43089	3.43777
1,080.000	3.44454	3.45123	3.45782	3.46432	3.47072
1,110.000	3.47704	3.48325	3.48938	3.49540	3.50135
1,140.000	3.50718	3.51294	3.51859	3.52416	3.52962
1,170.000	3.53501	3.54028	3.54548	3.55057	3.55558
1,200.000	3.56048	3.56534	3.57017	3.57499	3.57978
1,230.000	3.58457	3.58932	3.59407	3.59878	3.60349
1,260.000	3.60816	3.61284	3.61748	3.62212	3.62672
1,290.000	3.63132	3.63588	3.64044	3.64497	3.64949
1,320.000	3.65398	3.65847	3.66292	3.66737	3.67178
1,350.000	3.67620	3.68057	3.68495	3.68929	3.69362
1,380.000	3.69792	3.70223	3.70649	3.71075	3.71498
1,410.000	3.71921	3.72339	3.72758	3.73173	3.73589
1,440.000	3.74000	(N/A)	(N/A)	(N/A)	(N/A)

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7/30/2020

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70/71 Phase 6R Allowable

Subsection: Time-Depth Curve
Label: Unchanged
Scenario: 24-hour, 10 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time-Depth Curve: TypeII 24hr (5.6 in)	
Label	TypeII 24hr (5.6 in)
Start Time	0.000 min
Increment	6.000 min
End Time	1,440.000 min
Return Event	100 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 6.000 min
Time on left represents time for first value in each row.

Time (min)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.00000	0.00569	0.01137	0.01717	0.02297
30.000	0.02888	0.03479	0.04082	0.04684	0.05298
60.000	0.05912	0.06536	0.07161	0.07798	0.08434
90.000	0.09081	0.09729	0.10387	0.11046	0.11716
120.000	0.12386	0.13067	0.13748	0.14441	0.15133
150.000	0.15837	0.16541	0.17256	0.17971	0.18697
180.000	0.19424	0.20161	0.20899	0.21647	0.22396
210.000	0.23156	0.23916	0.24688	0.25459	0.26241
240.000	0.27024	0.27818	0.28623	0.29439	0.30267
270.000	0.31106	0.31956	0.32817	0.33690	0.34574
300.000	0.35469	0.36375	0.37293	0.38222	0.39162
330.000	0.40114	0.41076	0.42050	0.43036	0.44032
360.000	0.45040	0.46059	0.47089	0.48131	0.49184
390.000	0.50248	0.51323	0.52410	0.53508	0.54617
420.000	0.55737	0.56869	0.58012	0.59166	0.60331
450.000	0.61508	0.62696	0.63895	0.65105	0.66327
480.000	0.67560	0.68827	0.70150	0.71529	0.72965
510.000	0.74457	0.76005	0.77610	0.79270	0.80988
540.000	0.82761	0.84563	0.86364	0.88166	0.89967
570.000	0.91769	0.93616	0.95552	0.97579	0.99696
600.000	1.01903	1.04223	1.06677	1.09267	1.11992
630.000	1.14852	1.17892	1.21158	1.24648	1.28364
660.000	1.32305	1.36629	1.41493	1.46898	1.52843
690.000	1.59329	1.72751	1.99505	2.42535	3.19705
720.000	3.73269	3.83943	3.93334	4.01442	4.08265
750.000	4.13805	4.18557	4.23016	4.27182	4.31055
780.000	4.34636	4.37991	4.41189	4.44230	4.47112
810.000	4.49837	4.52427	4.54904	4.57269	4.59521
840.000	4.61660	4.63726	4.65747	4.67735	4.69677
870.000	4.71586	4.73449	4.75279	4.77064	4.78815
900.000	4.80520	4.82193	4.83820	4.85413	4.86961
930.000	4.88476	4.89945	4.91381	4.92771	4.94128
960.000	4.95440	4.96729	4.98002	4.99263	5.00507

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70/71 Phase 6R Allowable

Subsection: Time-Depth Curve

Label: Unchanged

Scenario: 24-hour, 10 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

CUMULATIVE RAINFALL (in)
Output Time Increment = 6.000 min
Time on left represents time for first value in each row.

Time (min)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
990.000	5.01740	5.02956	5.04161	5.05349	5.06525
1,020.000	5.07685	5.08834	5.09965	5.11086	5.12189
1,050.000	5.13281	5.14357	5.15421	5.16468	5.17504
1,080.000	5.18523	5.19531	5.20522	5.21501	5.22464
1,110.000	5.23415	5.24350	5.25273	5.26180	5.27075
1,140.000	5.27953	5.28820	5.29670	5.30509	5.31331
1,170.000	5.32142	5.32936	5.33718	5.34484	5.35238
1,200.000	5.35976	5.36708	5.37434	5.38160	5.38881
1,230.000	5.39602	5.40317	5.41032	5.41741	5.42450
1,260.000	5.43154	5.43858	5.44556	5.45254	5.45947
1,290.000	5.46639	5.47326	5.48013	5.48694	5.49375
1,320.000	5.50051	5.50727	5.51397	5.52067	5.52731
1,350.000	5.53395	5.54054	5.54713	5.55366	5.56019
1,380.000	5.56666	5.57314	5.57956	5.58597	5.59234
1,410.000	5.59870	5.60500	5.61131	5.61756	5.62381
1,440.000	5.63000	(N/A)	(N/A)	(N/A)	(N/A)

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70/71 Phase 6R Allowable

Subsection: Runoff CN-Area

Label: Unchanged

Scenario: 24-hour, 10 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Runoff Curve Number Data

Soil/Surface Description	CN	Area (ft²)	C (%)	UC (%)	Adjusted CN
Pervious	74.000	1,482.2220	0.0	0.0	74.000
Impervious	98.000	9,734.9130	0.0	0.0	98.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	11,217.1350	(N/A)	(N/A)	94.829

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Subsection: Unit Hydrograph Equations

Unit Hydrograph Method (Computational Notes)
Definition of Terms

At	Total area (acres): At = Ai+Ap
Ai	Impervious area (acres)
Ap	Pervious area (acres)
CNi	Runoff curve number for impervious area
CNp	Runoff curve number for pervious area
fLoss	f loss constant infiltration (depth/time)
gKs	Saturated Hydraulic Conductivity (depth/time)
Md	Volumetric Moisture Deficit
Psi	Capillary Suction (length)
hK	Horton Infiltration Decay Rate (time^-1)
fo	Initial Infiltration Rate (depth/time)
fc	Ultimate(capacity)Infiltration Rate (depth/time)
Ia	Initial Abstraction (length)
dt	Computational increment (duration of unit excess rainfall)
	Default dt is smallest value of 0.1333Tc, rtm, and th
	(Smallest dt is then adjusted to match up with Tp)
UDdt	User specified override computational main time increment
	(only used if UDdt is => .1333Tc)
D(t)	Point on distribution curve (fraction of P) for time step t
K	2 / (1 + (Tr/Tp)): default K = 0.75: (for Tr/Tp = 1.67)
Ks	Hydrograph shape factor = Unit Conversions * K: = ((1hr/3600sec) *
	(1ft/12in) * ((5280ft)**2/sq.mi)) * K
	Default Ks = 645.333 * 0.75 = 484
Lag	Lag time from center of excess runoff (dt) to Tp: Lag = 0.6Tc
P	Total precipitation depth, inches
Pa(t)	Accumulated rainfall at time step t
Pi(t)	Incremental rainfall at time step t
qp	Peak discharge (cfs) for 1in. runoff, for 1hr, for 1 sq.mi. = (Ks * A * Q) /
	Tp (where Q = 1in. runoff, A=sq.mi.)
Qu(t)	Unit hydrograph ordinate (cfs) at time step t
Q(t)	Final hydrograph ordinate (cfs) at time step t
Rai(t)	Accumulated runoff (inches) at time step t for impervious area
Rap(t)	Accumulated runoff (inches) at time step t for pervious area
Rii(t)	Incremental runoff (inches) at time step t for impervious area
Rip(t)	Incremental runoff (inches) at time step t for pervious area
R(t)	Incremental weighted total runoff (inches)
Rtm	Time increment for rainfall table
Si	S for impervious area: Si = (1000/CNi) - 10
Sp	S for pervious area: Sp = (1000/CNp) - 10
t	Time step (row) number
Tc	Time of concentration
Tb	Time (hrs) of entire unit hydrograph: Tb = Tp + Tr
Tp	Time (hrs) to peak of a unit hydrograph: Tp = (dt/2) + Lag
Tr	Time (hrs) of receding limb of unit hydrograph: Tr = ratio of Tp

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Subsection: Unit Hydrograph Equations

Unit Hydrograph Method
Computational Notes
Precipitation

Column (1)	Time for time step t
Column (2)	D(t) = Point on distribution curve for time step t
Column (3)	Pi(t) = Pa(t) - Pa(t-1): Col.(4) - Preceding Col.(4)
Column (4)	Pa(t) = D(t) x P: Col.(2) x P

Pervious Area Runoff (using SCS Runoff CN Method)

Column (5)	Rap(t) = Accumulated pervious runoff for time step t
	If (Pa(t) is <= 0.2Sp) then use: Rap(t) = 0.0
	If (Pa(t) is > 0.2Sp) then use:
	Rap(t) = (Col.(4)-0.2Sp)**2 / (Col.(4)+0.8Sp)
Column (6)	Rip(t) = Incremental pervious runoff for time step t
	Rip(t) = Rap(t) - Rap(t-1)
	Rip(t) = Col.(5) for current row - Col.(5) for preceding row.

Impervious Area Runoff

Column (7 & 8)...	Did not specify to use impervious areas.

Incremental Weighted Runoff

Column (9)	R(t) = (Ap/At) x Rip(t) + (Ai/At) x Rii(t)
	R(t) = (Ap/At) x Col.(6) + (Ai/At) x Col.(8)

SCS Unit Hydrograph Method

Column (10)	Q(t) is computed with the SCS unit hydrograph method using R(t) and Qu(t).

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Storm Event	TypeII 24hr (3.7 in)
Return Event	10 years
Duration	5,760.000 min
Depth	3.74000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	405.1080 ft²

Computational Time Increment	1.333 min
Time to Peak (Computed)	718.667 min
Flow (Peak, Computed)	0.04 ft³/s
Output Increment	3.000 min
Time to Flow (Peak Interpolated Output)	720.000 min
Flow (Peak Interpolated Output)	0.04 ft³/s

Drainage Area

SCS CN (Composite)	98.000
Area (User Defined)	405.1080 ft²
Maximum Retention (Pervious)	0.20408 in
Maximum Retention (Pervious, 20 percent)	0.04082 in

Cumulative Runoff

Cumulative Runoff Depth (Pervious)	3.50577 in
Runoff Volume (Pervious)	118.351 ft³

Hydrograph Volume (Area under Hydrograph curve)

Volume	118.000 ft³

SCS Unit Hydrograph Parameters

Time of Concentration (Composite)	10.000 min
Computational Time Increment	1.333 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

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SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.06 ft³/s
Unit peak time, Tp	6.667 min
Unit receding limb, Tr	26.667 min
Total unit time, Tb	33.333 min

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Subsection: Unit Hydrograph (Hydrograph Table)

Label: Changed

Scenario: 24-hour, 10 yrs

Return Event: 10 years

Storm Event: TypeII 24hr (3.7 in)

Storm Event	TypeII 24hr (3.7 in)
Return Event	10 years
Duration	5,760.000 min
Depth	3.74000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	405.1080 ft²

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 3.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
573.000	0.00	0.00	0.00	0.00	0.00
588.000	0.00	0.00	0.00	0.00	0.00
603.000	0.00	0.00	0.00	0.00	0.00
618.000	0.00	0.00	0.00	0.00	0.00
633.000	0.00	0.00	0.00	0.00	0.00
648.000	0.00	0.00	0.00	0.00	0.00
663.000	0.00	0.00	0.00	0.00	0.00
678.000	0.00	0.00	0.00	0.00	0.00
693.000	0.00	0.01	0.01	0.01	0.01
708.000	0.02	0.02	0.03	0.04	0.04
723.000	0.03	0.02	0.02	0.01	0.01
738.000	0.01	0.01	0.01	0.00	0.00
753.000	0.00	0.00	0.00	0.00	0.00
768.000	0.00	0.00	0.00	0.00	0.00
783.000	0.00	0.00	0.00	0.00	0.00
798.000	0.00	0.00	0.00	0.00	0.00
813.000	0.00	0.00	0.00	0.00	0.00
828.000	0.00	0.00	0.00	0.00	0.00
843.000	0.00	0.00	0.00	0.00	0.00
858.000	0.00	0.00	0.00	0.00	0.00
873.000	0.00	0.00	0.00	0.00	0.00
888.000	0.00	0.00	0.00	0.00	0.00
903.000	0.00	0.00	0.00	(N/A)	(N/A)

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Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	11,217.1350 ft²

Computational Time Increment	1.333 min
Time to Peak (Computed)	718.667 min
Flow (Peak, Computed)	1.61 ft³/s
Output Increment	3.000 min
Time to Flow (Peak Interpolated Output)	720.000 min
Flow (Peak Interpolated Output)	1.58 ft³/s

Drainage Area	
SCS CN (Composite)	95.000
Area (User Defined)	11,217.1350 ft²
Maximum Retention (Pervious)	0.52632 in
Maximum Retention (Pervious, 20 percent)	0.10526 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.04420 in
Runoff Volume (Pervious)	4,715.122 ft³

Hydrograph Volume (Area under Hydrograph curve)	
Volume	4,715.000 ft³

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	10.000 min
Computational Time Increment	1.333 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

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SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	1.75 ft³/s
Unit peak time, Tp	6.667 min
Unit receding limb, Tr	26.667 min
Total unit time, Tb	33.333 min

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Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Unchanged   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 10 yrs

Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	11,217.1350 ft²

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 3.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
126.000	0.00	0.00	0.00	0.00	0.00
141.000	0.00	0.00	0.00	0.00	0.00
156.000	0.00	0.00	0.00	0.00	0.00
171.000	0.00	0.00	0.00	0.00	0.00
186.000	0.00	0.01	0.01	0.01	0.01
201.000	0.01	0.01	0.01	0.01	0.01
216.000	0.01	0.01	0.01	0.01	0.01
231.000	0.01	0.01	0.01	0.01	0.01
246.000	0.01	0.01	0.01	0.01	0.01
261.000	0.01	0.01	0.01	0.01	0.01
276.000	0.01	0.01	0.01	0.01	0.01
291.000	0.01	0.01	0.01	0.01	0.01
306.000	0.01	0.01	0.01	0.01	0.01
321.000	0.01	0.01	0.01	0.01	0.01
336.000	0.01	0.01	0.01	0.02	0.02
351.000	0.02	0.02	0.02	0.02	0.02
366.000	0.02	0.02	0.02	0.02	0.02
381.000	0.02	0.02	0.02	0.02	0.02
396.000	0.02	0.02	0.02	0.02	0.02
411.000	0.02	0.02	0.02	0.02	0.02
426.000	0.02	0.02	0.02	0.02	0.02
441.000	0.02	0.02	0.02	0.02	0.02
456.000	0.02	0.02	0.02	0.02	0.02
471.000	0.02	0.02	0.02	0.02	0.02
486.000	0.02	0.03	0.03	0.03	0.03
501.000	0.03	0.03	0.03	0.03	0.03
516.000	0.03	0.03	0.03	0.03	0.03
531.000	0.03	0.04	0.04	0.04	0.04
546.000	0.04	0.04	0.04	0.04	0.04
561.000	0.04	0.04	0.04	0.04	0.04
576.000	0.04	0.04	0.04	0.04	0.04
591.000	0.04	0.05	0.05	0.05	0.05

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Subsection: Unit Hydrograph (Hydrograph Table)　　　　　　　　　Return Event:　100 years
Label: Unchanged　　　　　　　　　　　　　　　　　　　　　　Storm Event:　TypeII　24hr (5.6 in)
Scenario: 24-hour, 10 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 3.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
606.000	0.05	0.05	0.05	0.05	0.06
621.000	0.06	0.06	0.06	0.06	0.06
636.000	0.07	0.07	0.07	0.07	0.08
651.000	0.08	0.08	0.09	0.09	0.09
666.000	0.10	0.10	0.11	0.11	0.12
681.000	0.12	0.13	0.14	0.15	0.17
696.000	0.22	0.30	0.42	0.58	0.76
711.000	0.98	1.32	1.58	1.58	1.39
726.000	1.01	0.65	0.44	0.33	0.27
741.000	0.24	0.21	0.19	0.17	0.15
756.000	0.14	0.13	0.12	0.12	0.11
771.000	0.11	0.11	0.10	0.10	0.09
786.000	0.09	0.09	0.09	0.08	0.08
801.000	0.08	0.08	0.08	0.07	0.07
816.000	0.07	0.07	0.07	0.06	0.06
831.000	0.06	0.06	0.06	0.06	0.06
846.000	0.05	0.05	0.05	0.05	0.05
861.000	0.05	0.05	0.05	0.05	0.05
876.000	0.05	0.05	0.05	0.05	0.05
891.000	0.05	0.05	0.05	0.04	0.04
906.000	0.04	0.04	0.04	0.04	0.04
921.000	0.04	0.04	0.04	0.04	0.04
936.000	0.04	0.04	0.04	0.04	0.04
951.000	0.04	0.04	0.04	0.03	0.03
966.000	0.03	0.03	0.03	0.03	0.03
981.000	0.03	0.03	0.03	0.03	0.03
996.000	0.03	0.03	0.03	0.03	0.03
1,011.000	0.03	0.03	0.03	0.03	0.03
1,026.000	0.03	0.03	0.03	0.03	0.03
1,041.000	0.03	0.03	0.03	0.03	0.03
1,056.000	0.03	0.03	0.03	0.03	0.03
1,071.000	0.03	0.03	0.03	0.03	0.03
1,086.000	0.03	0.03	0.03	0.03	0.03
1,101.000	0.03	0.03	0.02	0.02	0.02
1,116.000	0.02	0.02	0.02	0.02	0.02
1,131.000	0.02	0.02	0.02	0.02	0.02
1,146.000	0.02	0.02	0.02	0.02	0.02
1,161.000	0.02	0.02	0.02	0.02	0.02
1,176.000	0.02	0.02	0.02	0.02	0.02
1,191.000	0.02	0.02	0.02	0.02	0.02
1,206.000	0.02	0.02	0.02	0.02	0.02
1,221.000	0.02	0.02	0.02	0.02	0.02

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HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 3.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,236.000	0.02	0.02	0.02	0.02	0.02
1,251.000	0.02	0.02	0.02	0.02	0.02
1,266.000	0.02	0.02	0.02	0.02	0.02
1,281.000	0.02	0.02	0.02	0.02	0.02
1,296.000	0.02	0.02	0.02	0.02	0.02
1,311.000	0.02	0.02	0.02	0.02	0.02
1,326.000	0.02	0.02	0.02	0.02	0.02
1,341.000	0.02	0.02	0.02	0.02	0.02
1,356.000	0.02	0.02	0.02	0.02	0.02
1,371.000	0.02	0.02	0.02	0.02	0.02
1,386.000	0.02	0.02	0.02	0.02	0.02
1,401.000	0.02	0.02	0.02	0.02	0.02
1,416.000	0.02	0.02	0.02	0.02	0.02
1,431.000	0.02	0.02	0.02	0.02	0.01
1,446.000	0.01	0.01	0.00	0.00	0.00

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Subsection: Addition Summary

Label: Combined Outlet

Scenario: 24-hour, 10 yrs

Return Event: 10 years

Storm Event: TypeII 24hr (3.7 in)

Summary for Hydrograph Addition at 'Combined Outlet'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Changed
<Catchment to Outflow Node>	Unchanged

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (min)	Flow (Peak) (ft³/s)
Flow (From)	Changed	118.351	720.000	0.04
Flow (From)	Unchanged	4,715.122	720.000	1.58
Flow (In)	Combined Outlet	4,833.473	720.000	1.62

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Project Summary

Title	70/71 Phase 6R Proposed
Engineer	cboyer
Company	msconsultants, inc.
Date	7/30/2020

Notes

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Subsection: User Notifications

User Notifications

Message Id	19
Scenario	24-hour, 100 yrs
Element Type	Composite Outlet Structure
Element Id	576
Label	WQV2 Outlet
Time	(N/A)
Message	Charged riser flow adjusted to weir flow rate to maintain convergence. If adjustments are desired, substitute a user defined outlet rating table for level pool routing. Or, store rating curve(s) in E-Q-TW table, edit, then route with ICPM option.
Source	Warning

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Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (min)	Peak Flow (ft³/s)
Basin 1	24-hour, 100 yrs	100	534.000	718.000	0.18
Basin 2	24-hour, 100 yrs	100	262.000	718.000	0.09
Basin 3	24-hour, 100 yrs	100	269.000	718.000	0.09
Basin 4	24-hour, 100 yrs	100	1,746.000	718.000	0.58
Basin 5	24-hour, 100 yrs	100	783.000	718.000	0.27
Untreated 1	24-hour, 100 yrs	100	789.000	718.000	0.28
Untreated 2	24-hour, 100 yrs	100	545.000	718.000	0.19

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (min)	Peak Flow (ft³/s)
MD22	24-hour, 100 yrs	100	3,867.000	720.000	1.47

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (min)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft³)
WQV1 (IN)	24-hour, 100 yrs	100	534.000	718.000	0.18	(N/A)	(N/A)
WQV1 (OUT)	24-hour, 100 yrs	100	326.000	720.000	0.18	738.61	168.000
WQV2 (IN)	24-hour, 100 yrs	100	262.000	718.000	0.09	(N/A)	(N/A)
WQV2 (OUT)	24-hour, 100 yrs	100	57.000	740.000	0.01	738.13	162.000
WQV3 (IN)	24-hour, 100 yrs	100	269.000	718.000	0.09	(N/A)	(N/A)
WQV3 (OUT)	24-hour, 100 yrs	100	64.000	734.000	0.02	737.77	161.000
WQV4 (IN)	24-hour, 100 yrs	100	1,746.000	718.000	0.58	(N/A)	(N/A)
WQV4 (OUT)	24-hour, 100 yrs	100	1,478.000	720.000	0.57	736.71	234.000
WQV5 (IN)	24-hour, 100 yrs	100	783.000	718.000	0.27	(N/A)	(N/A)
WQV5 (OUT)	24-hour, 100 yrs	100	608.000	720.000	0.26	737.20	137.000

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Subsection: Time-Depth Curve   Return Event: 100 years
Label: 24-hour   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time-Depth Curve: TypeII 24hr (5.6 in)	
Label	TypeII 24hr (5.6 in)
Start Time	0.000 min
Increment	6.000 min
End Time	1,440.000 min
Return Event	100 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 6.000 min
Time on left represents time for first value in each row.

Time (min)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.00000	0.00569	0.01137	0.01717	0.02297
30.000	0.02888	0.03479	0.04082	0.04684	0.05298
60.000	0.05912	0.06536	0.07161	0.07798	0.08434
90.000	0.09081	0.09729	0.10387	0.11046	0.11716
120.000	0.12386	0.13067	0.13748	0.14441	0.15133
150.000	0.15837	0.16541	0.17256	0.17971	0.18697
180.000	0.19424	0.20161	0.20899	0.21647	0.22396
210.000	0.23156	0.23916	0.24688	0.25459	0.26241
240.000	0.27024	0.27818	0.28623	0.29439	0.30267
270.000	0.31106	0.31956	0.32817	0.33690	0.34574
300.000	0.35469	0.36375	0.37293	0.38222	0.39162
330.000	0.40114	0.41076	0.42050	0.43036	0.44032
360.000	0.45040	0.46059	0.47089	0.48131	0.49184
390.000	0.50248	0.51323	0.52410	0.53508	0.54617
420.000	0.55737	0.56869	0.58012	0.59166	0.60331
450.000	0.61508	0.62696	0.63895	0.65105	0.66327
480.000	0.67560	0.68827	0.70150	0.71529	0.72965
510.000	0.74457	0.76005	0.77610	0.79270	0.80988
540.000	0.82761	0.84563	0.86364	0.88166	0.89967
570.000	0.91769	0.93616	0.95552	0.97579	0.99696
600.000	1.01903	1.04223	1.06677	1.09267	1.11992
630.000	1.14852	1.17892	1.21158	1.24648	1.28364
660.000	1.32305	1.36629	1.41493	1.46898	1.52843
690.000	1.59329	1.72751	1.99505	2.42535	3.19705
720.000	3.73269	3.83943	3.93334	4.01442	4.08265
750.000	4.13805	4.18557	4.23016	4.27182	4.31055
780.000	4.34636	4.37991	4.41189	4.44230	4.47112
810.000	4.49837	4.52427	4.54904	4.57269	4.59521
840.000	4.61660	4.63726	4.65747	4.67735	4.69677
870.000	4.71586	4.73449	4.75279	4.77064	4.78815
900.000	4.80520	4.82193	4.83820	4.85413	4.86961
930.000	4.88476	4.89945	4.91381	4.92771	4.94128
960.000	4.95440	4.96729	4.98002	4.99263	5.00507

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Subsection: Time-Depth Curve

Label: 24-hour

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

CUMULATIVE RAINFALL (in)
Output Time Increment = 6.000 min
Time on left represents time for first value in each row.

Time (min)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
990.000	5.01740	5.02956	5.04161	5.05349	5.06525
1,020.000	5.07685	5.08834	5.09965	5.11086	5.12189
1,050.000	5.13281	5.14357	5.15421	5.16468	5.17504
1,080.000	5.18523	5.19531	5.20522	5.21501	5.22464
1,110.000	5.23415	5.24350	5.25273	5.26180	5.27075
1,140.000	5.27953	5.28820	5.29670	5.30509	5.31331
1,170.000	5.32142	5.32936	5.33718	5.34484	5.35238
1,200.000	5.35976	5.36708	5.37434	5.38160	5.38881
1,230.000	5.39602	5.40317	5.41032	5.41741	5.42450
1,260.000	5.43154	5.43858	5.44556	5.45254	5.45947
1,290.000	5.46639	5.47326	5.48013	5.48694	5.49375
1,320.000	5.50051	5.50727	5.51397	5.52067	5.52731
1,350.000	5.53395	5.54054	5.54713	5.55366	5.56019
1,380.000	5.56666	5.57314	5.57956	5.58597	5.59234
1,410.000	5.59870	5.60500	5.61131	5.61756	5.62381
1,440.000	5.63000	(N/A)	(N/A)	(N/A)	(N/A)

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Subsection: Unit Hydrograph Equations

Unit Hydrograph Method (Computational Notes)
Definition of Terms

At	Total area (acres): At = Ai+Ap
Ai	Impervious area (acres)
Ap	Pervious area (acres)
CNi	Runoff curve number for impervious area
CNp	Runoff curve number for pervious area
fLoss	f loss constant infiltration (depth/time)
gKs	Saturated Hydraulic Conductivity (depth/time)
Md	Volumetric Moisture Deficit
Psi	Capillary Suction (length)
hK	Horton Infiltration Decay Rate (time^-1)
fo	Initial Infiltration Rate (depth/time)
fc	Ultimate(capacity)Infiltration Rate (depth/time)
Ia	Initial Abstraction (length)
dt	Computational increment (duration of unit excess rainfall) Default dt is smallest value of 0.1333Tc, rtm, and th (Smallest dt is then adjusted to match up with Tp)
UDdt	User specified override computational main time increment (only used if UDdt is => .1333Tc)
D(t)	Point on distribution curve (fraction of P) for time step t
K	2 / (1 + (Tr/Tp)): default K = 0.75: (for Tr/Tp = 1.67)
Ks	Hydrograph shape factor = Unit Conversions * K: = ((1hr/3600sec) * (1ft/12in) * ((5280ft)**2/sq.mi)) * K Default Ks = 645.333 * 0.75 = 484
Lag	Lag time from center of excess runoff (dt) to Tp: Lag = 0.6Tc
P	Total precipitation depth, inches
Pa(t)	Accumulated rainfall at time step t
Pi(t)	Incremental rainfall at time step t
qp	Peak discharge (cfs) for 1in. runoff, for 1hr, for 1 sq.mi. = (Ks * A * Q) / Tp (where Q = 1in. runoff, A=sq.mi.)
Qu(t)	Unit hydrograph ordinate (cfs) at time step t
Q(t)	Final hydrograph ordinate (cfs) at time step t
Rai(t)	Accumulated runoff (inches) at time step t for impervious area
Rap(t)	Accumulated runoff (inches) at time step t for pervious area
Rii(t)	Incremental runoff (inches) at time step t for impervious area
Rip(t)	Incremental runoff (inches) at time step t for pervious area
R(t)	Incremental weighted total runoff (inches)
Rtm	Time increment for rainfall table
Si	S for impervious area: Si = (1000/CNi) - 10
Sp	S for pervious area: Sp = (1000/CNp) - 10
t	Time step (row) number
Tc	Time of concentration
Tb	Time (hrs) of entire unit hydrograph: Tb = Tp + Tr
Tp	Time (hrs) to peak of a unit hydrograph: Tp = (dt/2) + Lag
Tr	Time (hrs) of receding limb of unit hydrograph: Tr = ratio of Tp

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Subsection: Unit Hydrograph Equations

Unit Hydrograph Method
Computational Notes
Precipitation

Column (1)	Time for time step t
Column (2)	D(t) = Point on distribution curve for time step t
Column (3)	Pi(t) = Pa(t) - Pa(t-1): Col.(4) - Preceding Col.(4)
Column (4)	Pa(t) = D(t) x P: Col.(2) x P

Pervious Area Runoff (using SCS Runoff CN Method)

Column (5)   Rap(t) = Accumulated pervious runoff for time step t
                  If (Pa(t) is <= 0.2Sp) then use: Rap(t) = 0.0
                  If (Pa(t) is > 0.2Sp) then use:

                  Rap(t) = (Col.(4)-0.2Sp)**2 / (Col.(4)+0.8Sp)
Column (6)   Rip(t) = Incremental pervious runoff for time step t
                  Rip(t) =   Rap(t)   -   Rap(t-1)
                  Rip(t) = Col.(5) for current row - Col.(5) for preceding row.

Impervious Area Runoff

Column (7 & 8)...   Did not specify to use impervious areas.

Incremental Weighted Runoff

Column (9)   R(t) = (Ap/At) x Rip(t)   +   (Ai/At) x Rii(t)
                  R(t) = (Ap/At) x Col.(6)   +   (Ai/At) x Col.(8)

SCS Unit Hydrograph Method

Column (10)   Q(t)   is computed with the SCS unit hydrograph method
                   using R(t) and Qu(t).

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Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0301 acres

Computational Time Increment	1.333 min
Time to Peak (Computed)	718.667 min
Flow (Peak, Computed)	0.19 ft³/s
Output Increment	2.000 min
Time to Flow (Peak Interpolated Output)	718.000 min
Flow (Peak Interpolated Output)	0.18 ft³/s

Drainage Area	
SCS CN (Composite)	93.596
Area (User Defined)	0.0301 acres
Maximum Retention (Pervious)	0.68423 in
Maximum Retention (Pervious, 20 percent)	0.13685 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.88471 in
Runoff Volume (Pervious)	533.842 ft³

Hydrograph Volume (Area under Hydrograph curve)	
Volume	534.000 ft³

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	10.000 min
Computational Time Increment	1.333 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

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SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.20 ft³/s
Unit peak time, Tp	6.667 min
Unit receding limb, Tr	26.667 min
Total unit time, Tb	33.333 min

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Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years
Label: Basin 1   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0301 acres

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
292.000	0.00	0.00	0.00	0.00	0.00
302.000	0.00	0.00	0.00	0.00	0.00
312.000	0.00	0.00	0.00	0.00	0.00
322.000	0.00	0.00	0.00	0.00	0.00
332.000	0.00	0.00	0.00	0.00	0.00
342.000	0.00	0.00	0.00	0.00	0.00
352.000	0.00	0.00	0.00	0.00	0.00
362.000	0.00	0.00	0.00	0.00	0.00
372.000	0.00	0.00	0.00	0.00	0.00
382.000	0.00	0.00	0.00	0.00	0.00
392.000	0.00	0.00	0.00	0.00	0.00
402.000	0.00	0.00	0.00	0.00	0.00
412.000	0.00	0.00	0.00	0.00	0.00
422.000	0.00	0.00	0.00	0.00	0.00
432.000	0.00	0.00	0.00	0.00	0.00
442.000	0.00	0.00	0.00	0.00	0.00
452.000	0.00	0.00	0.00	0.00	0.00
462.000	0.00	0.00	0.00	0.00	0.00
472.000	0.00	0.00	0.00	0.00	0.00
482.000	0.00	0.00	0.00	0.00	0.00
492.000	0.00	0.00	0.00	0.00	0.00
502.000	0.00	0.00	0.00	0.00	0.00
512.000	0.00	0.00	0.00	0.00	0.00
522.000	0.00	0.00	0.00	0.00	0.00
532.000	0.00	0.00	0.00	0.00	0.00
542.000	0.00	0.00	0.00	0.00	0.00
552.000	0.00	0.00	0.00	0.00	0.00
562.000	0.00	0.00	0.00	0.00	0.00
572.000	0.00	0.00	0.00	0.00	0.00
582.000	0.00	0.00	0.00	0.00	0.00
592.000	0.00	0.00	0.01	0.01	0.01
602.000	0.01	0.01	0.01	0.01	0.01

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Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Basin 1   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
612.000	0.01	0.01	0.01	0.01	0.01
622.000	0.01	0.01	0.01	0.01	0.01
632.000	0.01	0.01	0.01	0.01	0.01
642.000	0.01	0.01	0.01	0.01	0.01
652.000	0.01	0.01	0.01	0.01	0.01
662.000	0.01	0.01	0.01	0.01	0.01
672.000	0.01	0.01	0.01	0.01	0.01
682.000	0.01	0.01	0.02	0.02	0.02
692.000	0.02	0.02	0.02	0.03	0.04
702.000	0.05	0.06	0.07	0.09	0.10
712.000	0.12	0.15	0.17	0.18	0.18
722.000	0.17	0.15	0.12	0.09	0.07
732.000	0.05	0.04	0.04	0.03	0.03
742.000	0.03	0.02	0.02	0.02	0.02
752.000	0.02	0.02	0.02	0.02	0.01
762.000	0.01	0.01	0.01	0.01	0.01
772.000	0.01	0.01	0.01	0.01	0.01
782.000	0.01	0.01	0.01	0.01	0.01
792.000	0.01	0.01	0.01	0.01	0.01
802.000	0.01	0.01	0.01	0.01	0.01
812.000	0.01	0.01	0.01	0.01	0.01
822.000	0.01	0.01	0.01	0.01	0.01
832.000	0.01	0.01	0.01	0.01	0.01
842.000	0.01	0.01	0.01	0.01	0.01
852.000	0.01	0.01	0.01	0.01	0.01
862.000	0.01	0.01	0.01	0.01	0.01
872.000	0.01	0.01	0.01	0.01	0.01
882.000	0.01	0.01	0.01	0.01	0.01
892.000	0.01	0.01	0.01	0.01	0.01
902.000	0.01	0.01	0.01	0.01	0.01
912.000	0.00	0.00	0.00	0.00	0.00
922.000	0.00	0.00	0.00	0.00	0.00
932.000	0.00	0.00	0.00	0.00	0.00
942.000	0.00	0.00	0.00	0.00	0.00
952.000	0.00	0.00	0.00	0.00	0.00
962.000	0.00	0.00	0.00	0.00	0.00
972.000	0.00	0.00	0.00	0.00	0.00
982.000	0.00	0.00	0.00	0.00	0.00
992.000	0.00	0.00	0.00	0.00	0.00
1,002.000	0.00	0.00	0.00	0.00	0.00
1,012.000	0.00	0.00	0.00	0.00	0.00
1,022.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Basin 1   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,032.000	0.00	0.00	0.00	0.00	0.00
1,042.000	0.00	0.00	0.00	0.00	0.00
1,052.000	0.00	0.00	0.00	0.00	0.00
1,062.000	0.00	0.00	0.00	0.00	0.00
1,072.000	0.00	0.00	0.00	0.00	0.00
1,082.000	0.00	0.00	0.00	0.00	0.00
1,092.000	0.00	0.00	0.00	0.00	0.00
1,102.000	0.00	0.00	0.00	0.00	0.00
1,112.000	0.00	0.00	0.00	0.00	0.00
1,122.000	0.00	0.00	0.00	0.00	0.00
1,132.000	0.00	0.00	0.00	0.00	0.00
1,142.000	0.00	0.00	0.00	0.00	0.00
1,152.000	0.00	0.00	0.00	0.00	0.00
1,162.000	0.00	0.00	0.00	0.00	0.00
1,172.000	0.00	0.00	0.00	0.00	0.00
1,182.000	0.00	0.00	0.00	0.00	0.00
1,192.000	0.00	0.00	0.00	0.00	0.00
1,202.000	0.00	0.00	0.00	0.00	0.00
1,212.000	0.00	0.00	0.00	0.00	0.00
1,222.000	0.00	0.00	0.00	0.00	0.00
1,232.000	0.00	0.00	0.00	0.00	0.00
1,242.000	0.00	0.00	0.00	0.00	0.00
1,252.000	0.00	0.00	0.00	0.00	0.00
1,262.000	0.00	0.00	0.00	0.00	0.00
1,272.000	0.00	0.00	0.00	0.00	0.00
1,282.000	0.00	0.00	0.00	0.00	0.00
1,292.000	0.00	0.00	0.00	0.00	0.00
1,302.000	0.00	0.00	0.00	0.00	0.00
1,312.000	0.00	0.00	0.00	0.00	0.00
1,322.000	0.00	0.00	0.00	0.00	0.00
1,332.000	0.00	0.00	0.00	0.00	0.00
1,342.000	0.00	0.00	0.00	0.00	0.00
1,352.000	0.00	0.00	0.00	0.00	0.00
1,362.000	0.00	0.00	0.00	0.00	0.00
1,372.000	0.00	0.00	0.00	0.00	0.00
1,382.000	0.00	0.00	0.00	0.00	0.00
1,392.000	0.00	0.00	0.00	0.00	0.00
1,402.000	0.00	0.00	0.00	0.00	0.00
1,412.000	0.00	0.00	0.00	0.00	0.00
1,422.000	0.00	0.00	0.00	0.00	0.00
1,432.000	0.00	0.00	0.00	0.00	0.00
1,442.000	0.00	0.00	0.00	0.00	(N/A)

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Basin 1   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph Summary

Return Event: 100 years

Label: Basin 2

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0144 acres

Computational Time Increment	1.333 min
Time to Peak (Computed)	718.667 min
Flow (Peak, Computed)	0.09 ft³/s
Output Increment	2.000 min
Time to Flow (Peak Interpolated Output)	718.000 min
Flow (Peak Interpolated Output)	0.09 ft³/s

Drainage Area	
SCS CN (Composite)	94.656
Area (User Defined)	0.0144 acres
Maximum Retention (Pervious)	0.56458 in
Maximum Retention (Pervious, 20 percent)	0.11292 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.00491 in
Runoff Volume (Pervious)	261.853 ft³

Hydrograph Volume (Area under Hydrograph curve)	
Volume	262.000 ft³

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	10.000 min
Computational Time Increment	1.333 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

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SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.10 ft³/s
Unit peak time, Tp	6.667 min
Unit receding limb, Tr	26.667 min
Total unit time, Tb	33.333 min

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph (Hydrograph Table)

Label: Basin 2

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0144 acres

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
408.000	0.00	0.00	0.00	0.00	0.00
418.000	0.00	0.00	0.00	0.00	0.00
428.000	0.00	0.00	0.00	0.00	0.00
438.000	0.00	0.00	0.00	0.00	0.00
448.000	0.00	0.00	0.00	0.00	0.00
458.000	0.00	0.00	0.00	0.00	0.00
468.000	0.00	0.00	0.00	0.00	0.00
478.000	0.00	0.00	0.00	0.00	0.00
488.000	0.00	0.00	0.00	0.00	0.00
498.000	0.00	0.00	0.00	0.00	0.00
508.000	0.00	0.00	0.00	0.00	0.00
518.000	0.00	0.00	0.00	0.00	0.00
528.000	0.00	0.00	0.00	0.00	0.00
538.000	0.00	0.00	0.00	0.00	0.00
548.000	0.00	0.00	0.00	0.00	0.00
558.000	0.00	0.00	0.00	0.00	0.00
568.000	0.00	0.00	0.00	0.00	0.00
578.000	0.00	0.00	0.00	0.00	0.00
588.000	0.00	0.00	0.00	0.00	0.00
598.000	0.00	0.00	0.00	0.00	0.00
608.000	0.00	0.00	0.00	0.00	0.00
618.000	0.00	0.00	0.00	0.00	0.00
628.000	0.00	0.00	0.00	0.00	0.00
638.000	0.00	0.00	0.00	0.00	0.00
648.000	0.00	0.00	0.00	0.00	0.00
658.000	0.00	0.00	0.00	0.01	0.01
668.000	0.01	0.01	0.01	0.01	0.01
678.000	0.01	0.01	0.01	0.01	0.01
688.000	0.01	0.01	0.01	0.01	0.01
698.000	0.01	0.02	0.02	0.03	0.04
708.000	0.04	0.05	0.06	0.07	0.08
718.000	0.09	0.09	0.08	0.07	0.06

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years
Label: Basin 2   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
728.000	0.04	0.03	0.02	0.02	0.02
738.000	0.02	0.01	0.01	0.01	0.01
748.000	0.01	0.01	0.01	0.01	0.01
758.000	0.01	0.01	0.01	0.01	0.01
768.000	0.01	0.01	0.01	0.01	0.01
778.000	0.01	0.01	0.01	0.01	0.01
788.000	0.00	0.00	0.00	0.00	0.00
798.000	0.00	0.00	0.00	0.00	0.00
808.000	0.00	0.00	0.00	0.00	0.00
818.000	0.00	0.00	0.00	0.00	0.00
828.000	0.00	0.00	0.00	0.00	0.00
838.000	0.00	0.00	0.00	0.00	0.00
848.000	0.00	0.00	0.00	0.00	0.00
858.000	0.00	0.00	0.00	0.00	0.00
868.000	0.00	0.00	0.00	0.00	0.00
878.000	0.00	0.00	0.00	0.00	0.00
888.000	0.00	0.00	0.00	0.00	0.00
898.000	0.00	0.00	0.00	0.00	0.00
908.000	0.00	0.00	0.00	0.00	0.00
918.000	0.00	0.00	0.00	0.00	0.00
928.000	0.00	0.00	0.00	0.00	0.00
938.000	0.00	0.00	0.00	0.00	0.00
948.000	0.00	0.00	0.00	0.00	0.00
958.000	0.00	0.00	0.00	0.00	0.00
968.000	0.00	0.00	0.00	0.00	0.00
978.000	0.00	0.00	0.00	0.00	0.00
988.000	0.00	0.00	0.00	0.00	0.00
998.000	0.00	0.00	0.00	0.00	0.00
1,008.000	0.00	0.00	0.00	0.00	0.00
1,018.000	0.00	0.00	0.00	0.00	0.00
1,028.000	0.00	0.00	0.00	0.00	0.00
1,038.000	0.00	0.00	0.00	0.00	0.00
1,048.000	0.00	0.00	0.00	0.00	0.00
1,058.000	0.00	0.00	0.00	0.00	0.00
1,068.000	0.00	0.00	0.00	0.00	0.00
1,078.000	0.00	0.00	0.00	0.00	0.00
1,088.000	0.00	0.00	0.00	0.00	0.00
1,098.000	0.00	0.00	0.00	0.00	0.00
1,108.000	0.00	0.00	0.00	0.00	0.00
1,118.000	0.00	0.00	0.00	0.00	0.00
1,128.000	0.00	0.00	0.00	0.00	0.00
1,138.000	0.00	0.00	0.00	0.00	0.00

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HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,148.000	0.00	0.00	0.00	0.00	0.00
1,158.000	0.00	0.00	0.00	0.00	0.00
1,168.000	0.00	0.00	0.00	0.00	0.00
1,178.000	0.00	0.00	0.00	0.00	0.00
1,188.000	0.00	0.00	0.00	0.00	0.00
1,198.000	0.00	0.00	0.00	0.00	0.00
1,208.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph Summary

Label: Basin 3

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0148 acres

Computational Time Increment	1.333 min
Time to Peak (Computed)	718.667 min
Flow (Peak, Computed)	0.09 ft³/s
Output Increment	2.000 min
Time to Flow (Peak Interpolated Output)	718.000 min
Flow (Peak Interpolated Output)	0.09 ft³/s

Drainage Area	
SCS CN (Composite)	94.731
Area (User Defined)	0.0148 acres
Maximum Retention (Pervious)	0.55616 in
Maximum Retention (Pervious, 20 percent)	0.11123 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.01353 in
Runoff Volume (Pervious)	268.550 ft³

Hydrograph Volume (Area under Hydrograph curve)	
Volume	269.000 ft³

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	10.000 min
Computational Time Increment	1.333 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

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SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.10 ft³/s
Unit peak time, Tp	6.667 min
Unit receding limb, Tr	26.667 min
Total unit time, Tb	33.333 min

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph (Hydrograph Table)　　　　　Return Event: 100 years
Label: Basin 3　　　　　　　　　　　　　　　　　　Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0148 acres

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
398.000	0.00	0.00	0.00	0.00	0.00
408.000	0.00	0.00	0.00	0.00	0.00
418.000	0.00	0.00	0.00	0.00	0.00
428.000	0.00	0.00	0.00	0.00	0.00
438.000	0.00	0.00	0.00	0.00	0.00
448.000	0.00	0.00	0.00	0.00	0.00
458.000	0.00	0.00	0.00	0.00	0.00
468.000	0.00	0.00	0.00	0.00	0.00
478.000	0.00	0.00	0.00	0.00	0.00
488.000	0.00	0.00	0.00	0.00	0.00
498.000	0.00	0.00	0.00	0.00	0.00
508.000	0.00	0.00	0.00	0.00	0.00
518.000	0.00	0.00	0.00	0.00	0.00
528.000	0.00	0.00	0.00	0.00	0.00
538.000	0.00	0.00	0.00	0.00	0.00
548.000	0.00	0.00	0.00	0.00	0.00
558.000	0.00	0.00	0.00	0.00	0.00
568.000	0.00	0.00	0.00	0.00	0.00
578.000	0.00	0.00	0.00	0.00	0.00
588.000	0.00	0.00	0.00	0.00	0.00
598.000	0.00	0.00	0.00	0.00	0.00
608.000	0.00	0.00	0.00	0.00	0.00
618.000	0.00	0.00	0.00	0.00	0.00
628.000	0.00	0.00	0.00	0.00	0.00
638.000	0.00	0.00	0.00	0.00	0.00
648.000	0.00	0.00	0.00	0.00	0.00
658.000	0.00	0.01	0.01	0.01	0.01
668.000	0.01	0.01	0.01	0.01	0.01
678.000	0.01	0.01	0.01	0.01	0.01
688.000	0.01	0.01	0.01	0.01	0.01
698.000	0.02	0.02	0.02	0.03	0.04
708.000	0.04	0.05	0.06	0.08	0.09

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Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Basin 3   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
718.000	0.09	0.09	0.08	0.07	0.06
728.000	0.04	0.03	0.03	0.02	0.02
738.000	0.02	0.01	0.01	0.01	0.01
748.000	0.01	0.01	0.01	0.01	0.01
758.000	0.01	0.01	0.01	0.01	0.01
768.000	0.01	0.01	0.01	0.01	0.01
778.000	0.01	0.01	0.01	0.01	0.01
788.000	0.01	0.00	0.00	0.00	0.00
798.000	0.00	0.00	0.00	0.00	0.00
808.000	0.00	0.00	0.00	0.00	0.00
818.000	0.00	0.00	0.00	0.00	0.00
828.000	0.00	0.00	0.00	0.00	0.00
838.000	0.00	0.00	0.00	0.00	0.00
848.000	0.00	0.00	0.00	0.00	0.00
858.000	0.00	0.00	0.00	0.00	0.00
868.000	0.00	0.00	0.00	0.00	0.00
878.000	0.00	0.00	0.00	0.00	0.00
888.000	0.00	0.00	0.00	0.00	0.00
898.000	0.00	0.00	0.00	0.00	0.00
908.000	0.00	0.00	0.00	0.00	0.00
918.000	0.00	0.00	0.00	0.00	0.00
928.000	0.00	0.00	0.00	0.00	0.00
938.000	0.00	0.00	0.00	0.00	0.00
948.000	0.00	0.00	0.00	0.00	0.00
958.000	0.00	0.00	0.00	0.00	0.00
968.000	0.00	0.00	0.00	0.00	0.00
978.000	0.00	0.00	0.00	0.00	0.00
988.000	0.00	0.00	0.00	0.00	0.00
998.000	0.00	0.00	0.00	0.00	0.00
1,008.000	0.00	0.00	0.00	0.00	0.00
1,018.000	0.00	0.00	0.00	0.00	0.00
1,028.000	0.00	0.00	0.00	0.00	0.00
1,038.000	0.00	0.00	0.00	0.00	0.00
1,048.000	0.00	0.00	0.00	0.00	0.00
1,058.000	0.00	0.00	0.00	0.00	0.00
1,068.000	0.00	0.00	0.00	0.00	0.00
1,078.000	0.00	0.00	0.00	0.00	0.00
1,088.000	0.00	0.00	0.00	0.00	0.00
1,098.000	0.00	0.00	0.00	0.00	0.00
1,108.000	0.00	0.00	0.00	0.00	0.00
1,118.000	0.00	0.00	0.00	0.00	0.00
1,128.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Basin 3   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,138.000	0.00	0.00	0.00	0.00	0.00
1,148.000	0.00	0.00	0.00	0.00	0.00
1,158.000	0.00	0.00	0.00	0.00	0.00
1,168.000	0.00	0.00	0.00	0.00	0.00
1,178.000	0.00	0.00	0.00	0.00	0.00
1,188.000	0.00	0.00	0.00	0.00	0.00
1,198.000	0.00	0.00	0.00	0.00	0.00
1,208.000	0.00	0.00	0.00	0.00	0.00
1,218.000	0.00	0.00	0.00	0.00	0.00
1,228.000	0.00	0.00	0.00	0.00	0.00
1,238.000	0.00	0.00	0.00	0.00	0.00
1,248.000	0.00	0.00	(N/A)	(N/A)	(N/A)

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Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0912 acres

Computational Time Increment	1.333 min
Time to Peak (Computed)	718.667 min
Flow (Peak, Computed)	0.58 ft³/s
Output Increment	2.000 min
Time to Flow (Peak Interpolated Output)	718.000 min
Flow (Peak Interpolated Output)	0.58 ft³/s

Drainage Area	
SCS CN (Composite)	96.991
Area (User Defined)	0.0912 acres
Maximum Retention (Pervious)	0.31025 in
Maximum Retention (Pervious, 20 percent)	0.06205 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.27408 in
Runoff Volume (Pervious)	1,746.326 ft³

Hydrograph Volume (Area under Hydrograph curve)	
Volume	1,746.000 ft³

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	10.000 min
Computational Time Increment	1.333 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

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SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.62 ft³/s
Unit peak time, Tp	6.667 min
Unit receding limb, Tr	26.667 min
Total unit time, Tb	33.333 min

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Subsection: Unit Hydrograph (Hydrograph Table)

Label: Basin 4

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0912 acres

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
100.000	0.00	0.00	0.00	0.00	0.00
110.000	0.00	0.00	0.00	0.00	0.00
120.000	0.00	0.00	0.00	0.00	0.00
130.000	0.00	0.00	0.00	0.00	0.00
140.000	0.00	0.00	0.00	0.00	0.00
150.000	0.00	0.00	0.00	0.00	0.00
160.000	0.00	0.00	0.00	0.00	0.00
170.000	0.00	0.00	0.00	0.00	0.00
180.000	0.00	0.00	0.00	0.00	0.00
190.000	0.00	0.00	0.00	0.00	0.00
200.000	0.00	0.00	0.00	0.00	0.00
210.000	0.00	0.00	0.00	0.00	0.00
220.000	0.00	0.00	0.00	0.00	0.00
230.000	0.00	0.00	0.00	0.00	0.00
240.000	0.00	0.00	0.00	0.00	0.00
250.000	0.00	0.00	0.00	0.00	0.00
260.000	0.00	0.00	0.01	0.01	0.01
270.000	0.01	0.01	0.01	0.01	0.01
280.000	0.01	0.01	0.01	0.01	0.01
290.000	0.01	0.01	0.01	0.01	0.01
300.000	0.01	0.01	0.01	0.01	0.01
310.000	0.01	0.01	0.01	0.01	0.01
320.000	0.01	0.01	0.01	0.01	0.01
330.000	0.01	0.01	0.01	0.01	0.01
340.000	0.01	0.01	0.01	0.01	0.01
350.000	0.01	0.01	0.01	0.01	0.01
360.000	0.01	0.01	0.01	0.01	0.01
370.000	0.01	0.01	0.01	0.01	0.01
380.000	0.01	0.01	0.01	0.01	0.01
390.000	0.01	0.01	0.01	0.01	0.01
400.000	0.01	0.01	0.01	0.01	0.01
410.000	0.01	0.01	0.01	0.01	0.01

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Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years
Label: Basin 4   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
420.000	0.01	0.01	0.01	0.01	0.01
430.000	0.01	0.01	0.01	0.01	0.01
440.000	0.01	0.01	0.01	0.01	0.01
450.000	0.01	0.01	0.01	0.01	0.01
460.000	0.01	0.01	0.01	0.01	0.01
470.000	0.01	0.01	0.01	0.01	0.01
480.000	0.01	0.01	0.01	0.01	0.01
490.000	0.01	0.01	0.01	0.01	0.01
500.000	0.01	0.01	0.01	0.01	0.01
510.000	0.01	0.01	0.01	0.01	0.01
520.000	0.01	0.01	0.01	0.01	0.01
530.000	0.01	0.01	0.01	0.01	0.01
540.000	0.01	0.01	0.01	0.01	0.02
550.000	0.02	0.02	0.02	0.02	0.02
560.000	0.02	0.02	0.02	0.02	0.02
570.000	0.02	0.02	0.02	0.02	0.02
580.000	0.02	0.02	0.02	0.02	0.02
590.000	0.02	0.02	0.02	0.02	0.02
600.000	0.02	0.02	0.02	0.02	0.02
610.000	0.02	0.02	0.02	0.02	0.02
620.000	0.02	0.02	0.02	0.02	0.02
630.000	0.02	0.02	0.02	0.03	0.03
640.000	0.03	0.03	0.03	0.03	0.03
650.000	0.03	0.03	0.03	0.03	0.03
660.000	0.03	0.03	0.03	0.04	0.04
670.000	0.04	0.04	0.04	0.04	0.04
680.000	0.05	0.05	0.05	0.05	0.05
690.000	0.05	0.06	0.07	0.08	0.10
700.000	0.12	0.16	0.19	0.23	0.28
710.000	0.33	0.39	0.48	0.55	0.58
720.000	0.57	0.53	0.46	0.36	0.27
730.000	0.20	0.16	0.13	0.11	0.10
740.000	0.09	0.08	0.07	0.07	0.07
750.000	0.06	0.06	0.05	0.05	0.05
760.000	0.05	0.04	0.04	0.04	0.04
770.000	0.04	0.04	0.04	0.04	0.04
780.000	0.03	0.03	0.03	0.03	0.03
790.000	0.03	0.03	0.03	0.03	0.03
800.000	0.03	0.03	0.03	0.03	0.03
810.000	0.03	0.03	0.03	0.02	0.02
820.000	0.02	0.02	0.02	0.02	0.02
830.000	0.02	0.02	0.02	0.02	0.02

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Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years
Label: Basin 4   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
840.000	0.02	0.02	0.02	0.02	0.02
850.000	0.02	0.02	0.02	0.02	0.02
860.000	0.02	0.02	0.02	0.02	0.02
870.000	0.02	0.02	0.02	0.02	0.02
880.000	0.02	0.02	0.02	0.02	0.02
890.000	0.02	0.02	0.02	0.02	0.02
900.000	0.02	0.02	0.02	0.02	0.02
910.000	0.02	0.02	0.02	0.01	0.01
920.000	0.01	0.01	0.01	0.01	0.01
930.000	0.01	0.01	0.01	0.01	0.01
940.000	0.01	0.01	0.01	0.01	0.01
950.000	0.01	0.01	0.01	0.01	0.01
960.000	0.01	0.01	0.01	0.01	0.01
970.000	0.01	0.01	0.01	0.01	0.01
980.000	0.01	0.01	0.01	0.01	0.01
990.000	0.01	0.01	0.01	0.01	0.01
1,000.000	0.01	0.01	0.01	0.01	0.01
1,010.000	0.01	0.01	0.01	0.01	0.01
1,020.000	0.01	0.01	0.01	0.01	0.01
1,030.000	0.01	0.01	0.01	0.01	0.01
1,040.000	0.01	0.01	0.01	0.01	0.01
1,050.000	0.01	0.01	0.01	0.01	0.01
1,060.000	0.01	0.01	0.01	0.01	0.01
1,070.000	0.01	0.01	0.01	0.01	0.01
1,080.000	0.01	0.01	0.01	0.01	0.01
1,090.000	0.01	0.01	0.01	0.01	0.01
1,100.000	0.01	0.01	0.01	0.01	0.01
1,110.000	0.01	0.01	0.01	0.01	0.01
1,120.000	0.01	0.01	0.01	0.01	0.01
1,130.000	0.01	0.01	0.01	0.01	0.01
1,140.000	0.01	0.01	0.01	0.01	0.01
1,150.000	0.01	0.01	0.01	0.01	0.01
1,160.000	0.01	0.01	0.01	0.01	0.01
1,170.000	0.01	0.01	0.01	0.01	0.01
1,180.000	0.01	0.01	0.01	0.01	0.01
1,190.000	0.01	0.01	0.01	0.01	0.01
1,200.000	0.01	0.01	0.01	0.01	0.01
1,210.000	0.01	0.01	0.01	0.01	0.01
1,220.000	0.01	0.01	0.01	0.01	0.01
1,230.000	0.01	0.01	0.01	0.01	0.01
1,240.000	0.01	0.01	0.01	0.01	0.01
1,250.000	0.01	0.01	0.01	0.01	0.01

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Basin 4   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,260.000	0.01	0.01	0.01	0.01	0.01
1,270.000	0.01	0.01	0.01	0.01	0.01
1,280.000	0.01	0.01	0.01	0.01	0.01
1,290.000	0.01	0.01	0.01	0.01	0.01
1,300.000	0.01	0.01	0.01	0.01	0.01
1,310.000	0.01	0.01	0.01	0.01	0.01
1,320.000	0.01	0.01	0.01	0.01	0.01
1,330.000	0.01	0.01	0.01	0.01	0.01
1,340.000	0.01	0.01	0.01	0.01	0.01
1,350.000	0.01	0.01	0.01	0.01	0.01
1,360.000	0.01	0.01	0.01	0.01	0.01
1,370.000	0.01	0.01	0.01	0.01	0.01
1,380.000	0.01	0.01	0.01	0.01	0.01
1,390.000	0.01	0.01	0.01	0.01	0.01
1,400.000	0.01	0.01	0.01	0.01	0.01
1,410.000	0.01	0.01	0.01	0.01	0.01
1,420.000	0.01	0.01	0.01	0.01	0.01
1,430.000	0.01	0.01	0.01	0.01	0.01
1,440.000	0.01	0.01	0.00	0.00	0.00
1,450.000	0.00	0.00	(N/A)	(N/A)	(N/A)

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Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0428 acres

Computational Time Increment	1.333 min
Time to Peak (Computed)	718.667 min
Flow (Peak, Computed)	0.27 ft³/s
Output Increment	2.000 min
Time to Flow (Peak Interpolated Output)	718.000 min
Flow (Peak Interpolated Output)	0.27 ft³/s

Drainage Area

SCS CN (Composite)	94.906
Area (User Defined)	0.0428 acres
Maximum Retention (Pervious)	0.53674 in
Maximum Retention (Pervious, 20 percent)	0.10735 in

Cumulative Runoff

Cumulative Runoff Depth (Pervious)	5.03346 in
Runoff Volume (Pervious)	782.590 ft³

Hydrograph Volume (Area under Hydrograph curve)

Volume	783.000 ft³

SCS Unit Hydrograph Parameters

Time of Concentration (Composite)	10.000 min
Computational Time Increment	1.333 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

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SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.29 ft³/s
Unit peak time, Tp	6.667 min
Unit receding limb, Tr	26.667 min
Total unit time, Tb	33.333 min

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Subsection: Unit Hydrograph (Hydrograph Table)
Label: Basin 5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0428 acres

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
210.000	0.00	0.00	0.00	0.00	0.00
220.000	0.00	0.00	0.00	0.00	0.00
230.000	0.00	0.00	0.00	0.00	0.00
240.000	0.00	0.00	0.00	0.00	0.00
250.000	0.00	0.00	0.00	0.00	0.00
260.000	0.00	0.00	0.00	0.00	0.00
270.000	0.00	0.00	0.00	0.00	0.00
280.000	0.00	0.00	0.00	0.00	0.00
290.000	0.00	0.00	0.00	0.00	0.00
300.000	0.00	0.00	0.00	0.00	0.00
310.000	0.00	0.00	0.00	0.00	0.00
320.000	0.00	0.00	0.00	0.00	0.00
330.000	0.00	0.00	0.00	0.00	0.00
340.000	0.00	0.00	0.00	0.00	0.00
350.000	0.00	0.00	0.00	0.00	0.00
360.000	0.00	0.00	0.00	0.00	0.00
370.000	0.00	0.00	0.00	0.00	0.00
380.000	0.00	0.00	0.00	0.00	0.00
390.000	0.00	0.00	0.00	0.00	0.00
400.000	0.00	0.00	0.00	0.00	0.00
410.000	0.00	0.00	0.00	0.00	0.00
420.000	0.00	0.00	0.00	0.00	0.00
430.000	0.00	0.00	0.00	0.00	0.00
440.000	0.00	0.00	0.00	0.00	0.00
450.000	0.00	0.00	0.00	0.00	0.00
460.000	0.00	0.00	0.00	0.00	0.00
470.000	0.00	0.00	0.00	0.00	0.00
480.000	0.00	0.00	0.00	0.00	0.00
490.000	0.00	0.00	0.00	0.00	0.00
500.000	0.00	0.00	0.00	0.00	0.00
510.000	0.00	0.00	0.01	0.01	0.01
520.000	0.01	0.01	0.01	0.01	0.01

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Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years
Label: Basin 5   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
530.000	0.01	0.01	0.01	0.01	0.01
540.000	0.01	0.01	0.01	0.01	0.01
550.000	0.01	0.01	0.01	0.01	0.01
560.000	0.01	0.01	0.01	0.01	0.01
570.000	0.01	0.01	0.01	0.01	0.01
580.000	0.01	0.01	0.01	0.01	0.01
590.000	0.01	0.01	0.01	0.01	0.01
600.000	0.01	0.01	0.01	0.01	0.01
610.000	0.01	0.01	0.01	0.01	0.01
620.000	0.01	0.01	0.01	0.01	0.01
630.000	0.01	0.01	0.01	0.01	0.01
640.000	0.01	0.01	0.01	0.01	0.01
650.000	0.01	0.01	0.01	0.01	0.01
660.000	0.01	0.01	0.02	0.02	0.02
670.000	0.02	0.02	0.02	0.02	0.02
680.000	0.02	0.02	0.02	0.02	0.02
690.000	0.02	0.03	0.03	0.04	0.04
700.000	0.06	0.07	0.09	0.11	0.13
710.000	0.15	0.18	0.22	0.25	0.27
720.000	0.26	0.25	0.21	0.17	0.13
730.000	0.09	0.07	0.06	0.05	0.05
740.000	0.04	0.04	0.03	0.03	0.03
750.000	0.03	0.03	0.02	0.02	0.02
760.000	0.02	0.02	0.02	0.02	0.02
770.000	0.02	0.02	0.02	0.02	0.02
780.000	0.02	0.02	0.02	0.02	0.01
790.000	0.01	0.01	0.01	0.01	0.01
800.000	0.01	0.01	0.01	0.01	0.01
810.000	0.01	0.01	0.01	0.01	0.01
820.000	0.01	0.01	0.01	0.01	0.01
830.000	0.01	0.01	0.01	0.01	0.01
840.000	0.01	0.01	0.01	0.01	0.01
850.000	0.01	0.01	0.01	0.01	0.01
860.000	0.01	0.01	0.01	0.01	0.01
870.000	0.01	0.01	0.01	0.01	0.01
880.000	0.01	0.01	0.01	0.01	0.01
890.000	0.01	0.01	0.01	0.01	0.01
900.000	0.01	0.01	0.01	0.01	0.01
910.000	0.01	0.01	0.01	0.01	0.01
920.000	0.01	0.01	0.01	0.01	0.01
930.000	0.01	0.01	0.01	0.01	0.01
940.000	0.01	0.01	0.01	0.01	0.01

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph (Hydrograph Table)
Return Event: 100 years

Label: Basin 5
Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
950.000	0.01	0.01	0.01	0.01	0.01
960.000	0.01	0.01	0.01	0.01	0.01
970.000	0.01	0.01	0.01	0.01	0.01
980.000	0.01	0.01	0.01	0.01	0.01
990.000	0.01	0.01	0.01	0.01	0.01
1,000.000	0.01	0.01	0.01	0.01	0.01
1,010.000	0.01	0.01	0.01	0.01	0.01
1,020.000	0.01	0.00	0.00	0.00	0.00
1,030.000	0.00	0.00	0.00	0.00	0.00
1,040.000	0.00	0.00	0.00	0.00	0.00
1,050.000	0.00	0.00	0.00	0.00	0.00
1,060.000	0.00	0.00	0.00	0.00	0.00
1,070.000	0.00	0.00	0.00	0.00	0.00
1,080.000	0.00	0.00	0.00	0.00	0.00
1,090.000	0.00	0.00	0.00	0.00	0.00
1,100.000	0.00	0.00	0.00	0.00	0.00
1,110.000	0.00	0.00	0.00	0.00	0.00
1,120.000	0.00	0.00	0.00	0.00	0.00
1,130.000	0.00	0.00	0.00	0.00	0.00
1,140.000	0.00	0.00	0.00	0.00	0.00
1,150.000	0.00	0.00	0.00	0.00	0.00
1,160.000	0.00	0.00	0.00	0.00	0.00
1,170.000	0.00	0.00	0.00	0.00	0.00
1,180.000	0.00	0.00	0.00	0.00	0.00
1,190.000	0.00	0.00	0.00	0.00	0.00
1,200.000	0.00	0.00	0.00	0.00	0.00
1,210.000	0.00	0.00	0.00	0.00	0.00
1,220.000	0.00	0.00	0.00	0.00	0.00
1,230.000	0.00	0.00	0.00	0.00	0.00
1,240.000	0.00	0.00	0.00	0.00	0.00
1,250.000	0.00	0.00	0.00	0.00	0.00
1,260.000	0.00	0.00	0.00	0.00	0.00
1,270.000	0.00	0.00	0.00	0.00	0.00
1,280.000	0.00	0.00	0.00	0.00	0.00
1,290.000	0.00	0.00	0.00	0.00	0.00
1,300.000	0.00	0.00	0.00	0.00	0.00
1,310.000	0.00	0.00	0.00	0.00	0.00
1,320.000	0.00	0.00	0.00	0.00	0.00
1,330.000	0.00	0.00	0.00	0.00	0.00
1,340.000	0.00	0.00	0.00	0.00	0.00
1,350.000	0.00	0.00	0.00	0.00	0.00
1,360.000	0.00	0.00	0.00	0.00	0.00

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Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Basin 5   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,370.000	0.00	0.00	0.00	0.00	0.00
1,380.000	0.00	0.00	0.00	0.00	0.00
1,390.000	0.00	0.00	0.00	0.00	0.00
1,400.000	0.00	0.00	0.00	0.00	0.00
1,410.000	0.00	0.00	0.00	0.00	0.00
1,420.000	0.00	0.00	0.00	0.00	0.00
1,430.000	0.00	0.00	0.00	0.00	0.00
1,440.000	0.00	0.00	0.00	0.00	0.00
1,450.000	0.00	(N/A)	(N/A)	(N/A)	(N/A)

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Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0472 acres

Computational Time Increment	1.333 min
Time to Peak (Computed)	718.667 min
Flow (Peak, Computed)	0.28 ft³/s
Output Increment	2.000 min
Time to Flow (Peak Interpolated Output)	718.000 min
Flow (Peak Interpolated Output)	0.28 ft³/s

Drainage Area	
SCS CN (Composite)	91.120
Area (User Defined)	0.0472 acres
Maximum Retention (Pervious)	0.97448 in
Maximum Retention (Pervious, 20 percent)	0.19490 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.60877 in
Runoff Volume (Pervious)	788.970 ft³

Hydrograph Volume (Area under Hydrograph curve)	
Volume	789.000 ft³

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	10.000 min
Computational Time Increment	1.333 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

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SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.32 ft³/s
Unit peak time, Tp	6.667 min
Unit receding limb, Tr	26.667 min
Total unit time, Tb	33.333 min

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Subsection: Unit Hydrograph (Hydrograph Table) Return Event: 100 years
Label: Untreated 1 Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0472 acres

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
300.000	0.00	0.00	0.00	0.00	0.00
310.000	0.00	0.00	0.00	0.00	0.00
320.000	0.00	0.00	0.00	0.00	0.00
330.000	0.00	0.00	0.00	0.00	0.00
340.000	0.00	0.00	0.00	0.00	0.00
350.000	0.00	0.00	0.00	0.00	0.00
360.000	0.00	0.00	0.00	0.00	0.00
370.000	0.00	0.00	0.00	0.00	0.00
380.000	0.00	0.00	0.00	0.00	0.00
390.000	0.00	0.00	0.00	0.00	0.00
400.000	0.00	0.00	0.00	0.00	0.00
410.000	0.00	0.00	0.00	0.00	0.00
420.000	0.00	0.00	0.00	0.00	0.00
430.000	0.00	0.00	0.00	0.00	0.00
440.000	0.00	0.00	0.00	0.00	0.00
450.000	0.00	0.00	0.00	0.00	0.00
460.000	0.00	0.00	0.00	0.00	0.00
470.000	0.00	0.00	0.00	0.00	0.00
480.000	0.00	0.00	0.00	0.00	0.00
490.000	0.00	0.00	0.00	0.00	0.00
500.000	0.00	0.00	0.00	0.00	0.00
510.000	0.00	0.00	0.00	0.00	0.00
520.000	0.00	0.00	0.00	0.00	0.00
530.000	0.00	0.00	0.00	0.00	0.01
540.000	0.01	0.01	0.01	0.01	0.01
550.000	0.01	0.01	0.01	0.01	0.01
560.000	0.01	0.01	0.01	0.01	0.01
570.000	0.01	0.01	0.01	0.01	0.01
580.000	0.01	0.01	0.01	0.01	0.01
590.000	0.01	0.01	0.01	0.01	0.01
600.000	0.01	0.01	0.01	0.01	0.01
610.000	0.01	0.01	0.01	0.01	0.01

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Subsection: Unit Hydrograph (Hydrograph Table)　　　　　　　Return Event: 100 years

Label: Untreated 1　　　　　　　　　　　　　　　　　Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
620.000	0.01	0.01	0.01	0.01	0.01
630.000	0.01	0.01	0.01	0.01	0.01
640.000	0.01	0.01	0.01	0.01	0.01
650.000	0.01	0.01	0.01	0.01	0.01
660.000	0.01	0.01	0.01	0.02	0.02
670.000	0.02	0.02	0.02	0.02	0.02
680.000	0.02	0.02	0.02	0.02	0.02
690.000	0.02	0.03	0.03	0.04	0.04
700.000	0.06	0.07	0.09	0.11	0.13
710.000	0.15	0.19	0.23	0.26	0.28
720.000	0.28	0.26	0.23	0.18	0.13
730.000	0.10	0.08	0.06	0.06	0.05
740.000	0.04	0.04	0.04	0.03	0.03
750.000	0.03	0.03	0.03	0.03	0.02
760.000	0.02	0.02	0.02	0.02	0.02
770.000	0.02	0.02	0.02	0.02	0.02
780.000	0.02	0.02	0.02	0.02	0.02
790.000	0.02	0.02	0.02	0.01	0.01
800.000	0.01	0.01	0.01	0.01	0.01
810.000	0.01	0.01	0.01	0.01	0.01
820.000	0.01	0.01	0.01	0.01	0.01
830.000	0.01	0.01	0.01	0.01	0.01
840.000	0.01	0.01	0.01	0.01	0.01
850.000	0.01	0.01	0.01	0.01	0.01
860.000	0.01	0.01	0.01	0.01	0.01
870.000	0.01	0.01	0.01	0.01	0.01
880.000	0.01	0.01	0.01	0.01	0.01
890.000	0.01	0.01	0.01	0.01	0.01
900.000	0.01	0.01	0.01	0.01	0.01
910.000	0.01	0.01	0.01	0.01	0.01
920.000	0.01	0.01	0.01	0.01	0.01
930.000	0.01	0.01	0.01	0.01	0.01
940.000	0.01	0.01	0.01	0.01	0.01
950.000	0.01	0.01	0.01	0.01	0.01
960.000	0.01	0.01	0.01	0.01	0.01
970.000	0.01	0.01	0.01	0.01	0.01
980.000	0.01	0.01	0.01	0.01	0.01
990.000	0.01	0.01	0.01	0.01	0.01
1,000.000	0.01	0.01	0.01	0.01	0.01
1,010.000	0.01	0.01	0.01	0.01	0.01
1,020.000	0.01	0.01	0.01	0.01	0.01
1,030.000	0.01	0.01	0.01	0.01	0.01

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Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Untreated 1   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,040.000	0.01	0.01	0.01	0.01	0.01
1,050.000	0.01	0.01	0.01	0.01	0.01
1,060.000	0.00	0.00	0.00	0.00	0.00
1,070.000	0.00	0.00	0.00	0.00	0.00
1,080.000	0.00	0.00	0.00	0.00	0.00
1,090.000	0.00	0.00	0.00	0.00	0.00
1,100.000	0.00	0.00	0.00	0.00	0.00
1,110.000	0.00	0.00	0.00	0.00	0.00
1,120.000	0.00	0.00	0.00	0.00	0.00
1,130.000	0.00	0.00	0.00	0.00	0.00
1,140.000	0.00	0.00	0.00	0.00	0.00
1,150.000	0.00	0.00	0.00	0.00	0.00
1,160.000	0.00	0.00	0.00	0.00	0.00
1,170.000	0.00	0.00	0.00	0.00	0.00
1,180.000	0.00	0.00	0.00	0.00	0.00
1,190.000	0.00	0.00	0.00	0.00	0.00
1,200.000	0.00	0.00	0.00	0.00	0.00
1,210.000	0.00	0.00	0.00	0.00	0.00
1,220.000	0.00	0.00	0.00	0.00	0.00
1,230.000	0.00	0.00	0.00	0.00	0.00
1,240.000	0.00	0.00	0.00	0.00	0.00
1,250.000	0.00	0.00	0.00	0.00	0.00
1,260.000	0.00	0.00	0.00	0.00	0.00
1,270.000	0.00	0.00	0.00	0.00	0.00
1,280.000	0.00	0.00	0.00	0.00	0.00
1,290.000	0.00	0.00	0.00	0.00	0.00
1,300.000	0.00	0.00	0.00	0.00	0.00
1,310.000	0.00	0.00	0.00	0.00	0.00
1,320.000	0.00	0.00	0.00	0.00	0.00
1,330.000	0.00	0.00	0.00	0.00	0.00
1,340.000	0.00	0.00	0.00	0.00	0.00
1,350.000	0.00	0.00	0.00	0.00	0.00
1,360.000	0.00	0.00	0.00	0.00	0.00
1,370.000	0.00	0.00	0.00	0.00	0.00
1,380.000	0.00	0.00	0.00	0.00	0.00
1,390.000	0.00	0.00	0.00	0.00	0.00
1,400.000	0.00	0.00	0.00	0.00	0.00
1,410.000	0.00	0.00	0.00	0.00	0.00
1,420.000	0.00	0.00	0.00	0.00	0.00
1,430.000	0.00	0.00	0.00	0.00	0.00
1,440.000	0.00	0.00	0.00	0.00	0.00
1,450.000	0.00	(N/A)	(N/A)	(N/A)	(N/A)

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Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Untreated 1   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

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Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0302 acres

Computational Time Increment	1.333 min
Time to Peak (Computed)	718.667 min
Flow (Peak, Computed)	0.19 ft³/s
Output Increment	2.000 min
Time to Flow (Peak Interpolated Output)	718.000 min
Flow (Peak Interpolated Output)	0.19 ft³/s

Drainage Area	
SCS CN (Composite)	94.284
Area (User Defined)	0.0302 acres
Maximum Retention (Pervious)	0.60622 in
Maximum Retention (Pervious, 20 percent)	0.12124 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.96264 in
Runoff Volume (Pervious)	544.765 ft³

Hydrograph Volume (Area under Hydrograph curve)	
Volume	545.000 ft³

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	10.000 min
Computational Time Increment	1.333 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

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Subsection: Unit Hydrograph Summary   Return Event: 100 years
Label: Untreated 2   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.21 ft³/s
Unit peak time, Tp	6.667 min
Unit receding limb, Tr	26.667 min
Total unit time, Tb	33.333 min

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Subsection: Unit Hydrograph (Hydrograph Table)

Label: Untreated 2

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Storm Event	TypeII 24hr (5.6 in)
Return Event	100 years
Duration	5,760.000 min
Depth	5.63000 in
Time of Concentration (Composite)	10.000 min
Area (User Defined)	0.0302 acres

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
272.000	0.00	0.00	0.00	0.00	0.00
282.000	0.00	0.00	0.00	0.00	0.00
292.000	0.00	0.00	0.00	0.00	0.00
302.000	0.00	0.00	0.00	0.00	0.00
312.000	0.00	0.00	0.00	0.00	0.00
322.000	0.00	0.00	0.00	0.00	0.00
332.000	0.00	0.00	0.00	0.00	0.00
342.000	0.00	0.00	0.00	0.00	0.00
352.000	0.00	0.00	0.00	0.00	0.00
362.000	0.00	0.00	0.00	0.00	0.00
372.000	0.00	0.00	0.00	0.00	0.00
382.000	0.00	0.00	0.00	0.00	0.00
392.000	0.00	0.00	0.00	0.00	0.00
402.000	0.00	0.00	0.00	0.00	0.00
412.000	0.00	0.00	0.00	0.00	0.00
422.000	0.00	0.00	0.00	0.00	0.00
432.000	0.00	0.00	0.00	0.00	0.00
442.000	0.00	0.00	0.00	0.00	0.00
452.000	0.00	0.00	0.00	0.00	0.00
462.000	0.00	0.00	0.00	0.00	0.00
472.000	0.00	0.00	0.00	0.00	0.00
482.000	0.00	0.00	0.00	0.00	0.00
492.000	0.00	0.00	0.00	0.00	0.00
502.000	0.00	0.00	0.00	0.00	0.00
512.000	0.00	0.00	0.00	0.00	0.00
522.000	0.00	0.00	0.00	0.00	0.00
532.000	0.00	0.00	0.00	0.00	0.00
542.000	0.00	0.00	0.00	0.00	0.00
552.000	0.00	0.00	0.00	0.00	0.00
562.000	0.00	0.00	0.00	0.00	0.00
572.000	0.00	0.00	0.00	0.00	0.00
582.000	0.00	0.00	0.00	0.00	0.00

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HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
592.000	0.01	0.01	0.01	0.01	0.01
602.000	0.01	0.01	0.01	0.01	0.01
612.000	0.01	0.01	0.01	0.01	0.01
622.000	0.01	0.01	0.01	0.01	0.01
632.000	0.01	0.01	0.01	0.01	0.01
642.000	0.01	0.01	0.01	0.01	0.01
652.000	0.01	0.01	0.01	0.01	0.01
662.000	0.01	0.01	0.01	0.01	0.01
672.000	0.01	0.01	0.01	0.01	0.01
682.000	0.01	0.02	0.02	0.02	0.02
692.000	0.02	0.02	0.03	0.03	0.04
702.000	0.05	0.06	0.07	0.09	0.10
712.000	0.13	0.15	0.18	0.19	0.18
722.000	0.17	0.15	0.12	0.09	0.07
732.000	0.05	0.04	0.04	0.03	0.03
742.000	0.03	0.02	0.02	0.02	0.02
752.000	0.02	0.02	0.02	0.02	0.01
762.000	0.01	0.01	0.01	0.01	0.01
772.000	0.01	0.01	0.01	0.01	0.01
782.000	0.01	0.01	0.01	0.01	0.01
792.000	0.01	0.01	0.01	0.01	0.01
802.000	0.01	0.01	0.01	0.01	0.01
812.000	0.01	0.01	0.01	0.01	0.01
822.000	0.01	0.01	0.01	0.01	0.01
832.000	0.01	0.01	0.01	0.01	0.01
842.000	0.01	0.01	0.01	0.01	0.01
852.000	0.01	0.01	0.01	0.01	0.01
862.000	0.01	0.01	0.01	0.01	0.01
872.000	0.01	0.01	0.01	0.01	0.01
882.000	0.01	0.01	0.01	0.01	0.01
892.000	0.01	0.01	0.01	0.01	0.01
902.000	0.01	0.01	0.01	0.01	0.01
912.000	0.01	0.00	0.00	0.00	0.00
922.000	0.00	0.00	0.00	0.00	0.00
932.000	0.00	0.00	0.00	0.00	0.00
942.000	0.00	0.00	0.00	0.00	0.00
952.000	0.00	0.00	0.00	0.00	0.00
962.000	0.00	0.00	0.00	0.00	0.00
972.000	0.00	0.00	0.00	0.00	0.00
982.000	0.00	0.00	0.00	0.00	0.00
992.000	0.00	0.00	0.00	0.00	0.00
1,002.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph (Hydrograph Table)　　　　　　　　Return Event: 100 years

Label: Untreated 2　　　　　　　　　　　　　　　　　Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,012.000	0.00	0.00	0.00	0.00	0.00
1,022.000	0.00	0.00	0.00	0.00	0.00
1,032.000	0.00	0.00	0.00	0.00	0.00
1,042.000	0.00	0.00	0.00	0.00	0.00
1,052.000	0.00	0.00	0.00	0.00	0.00
1,062.000	0.00	0.00	0.00	0.00	0.00
1,072.000	0.00	0.00	0.00	0.00	0.00
1,082.000	0.00	0.00	0.00	0.00	0.00
1,092.000	0.00	0.00	0.00	0.00	0.00
1,102.000	0.00	0.00	0.00	0.00	0.00
1,112.000	0.00	0.00	0.00	0.00	0.00
1,122.000	0.00	0.00	0.00	0.00	0.00
1,132.000	0.00	0.00	0.00	0.00	0.00
1,142.000	0.00	0.00	0.00	0.00	0.00
1,152.000	0.00	0.00	0.00	0.00	0.00
1,162.000	0.00	0.00	0.00	0.00	0.00
1,172.000	0.00	0.00	0.00	0.00	0.00
1,182.000	0.00	0.00	0.00	0.00	0.00
1,192.000	0.00	0.00	0.00	0.00	0.00
1,202.000	0.00	0.00	0.00	0.00	0.00
1,212.000	0.00	0.00	0.00	0.00	0.00
1,222.000	0.00	0.00	0.00	0.00	0.00
1,232.000	0.00	0.00	0.00	0.00	0.00
1,242.000	0.00	0.00	0.00	0.00	0.00
1,252.000	0.00	0.00	0.00	0.00	0.00
1,262.000	0.00	0.00	0.00	0.00	0.00
1,272.000	0.00	0.00	0.00	0.00	0.00
1,282.000	0.00	0.00	0.00	0.00	0.00
1,292.000	0.00	0.00	0.00	0.00	0.00
1,302.000	0.00	0.00	0.00	0.00	0.00
1,312.000	0.00	0.00	0.00	0.00	0.00
1,322.000	0.00	0.00	0.00	0.00	0.00
1,332.000	0.00	0.00	0.00	0.00	0.00
1,342.000	0.00	0.00	0.00	0.00	0.00
1,352.000	0.00	0.00	0.00	0.00	0.00
1,362.000	0.00	0.00	0.00	0.00	0.00
1,372.000	0.00	0.00	0.00	0.00	0.00
1,382.000	0.00	0.00	0.00	0.00	0.00
1,392.000	0.00	0.00	0.00	0.00	0.00
1,402.000	0.00	0.00	0.00	0.00	0.00
1,412.000	0.00	0.00	0.00	0.00	0.00
1,422.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Unit Hydrograph (Hydrograph Table)   Return Event: 100 years

Label: Untreated 2   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,432.000	0.00	0.00	0.00	0.00	0.00
1,442.000	0.00	0.00	0.00	0.00	(N/A)

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70/71 Phase 6R Proposed

Subsection: Addition Summary

Label: MD22

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Summary for Hydrograph Addition at 'MD22'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Untreated 2
Outlet-14	WQV1
Outlet-15	WQV2
Outlet-16	WQV3
Outlet-21	WQV4
<Catchment to Outflow Node>	Untreated 1
Outlet-23	WQV5

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (min)	Flow (Peak) (ft³/s)
Flow (From)	Untreated 2	544.763	718.000	0.19
Flow (From)	Outlet-14	326.244	720.000	0.18
Flow (From)	Outlet-15	57.293	740.000	0.01
Flow (From)	Outlet-16	63.844	734.000	0.02
Flow (From)	Outlet-21	1,477.841	720.000	0.57
Flow (From)	Untreated 1	788.969	718.000	0.28
Flow (From)	Outlet-23	608.175	720.000	0.26
Flow (In)	MD22	3,867.128	720.000	1.47

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV1 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	735.12	735.12	735.12	735.12	735.12
10.000	735.12	735.12	735.12	735.12	735.12
20.000	735.12	735.12	735.12	735.12	735.12
30.000	735.12	735.12	735.12	735.12	735.12
40.000	735.12	735.12	735.12	735.12	735.12
50.000	735.12	735.12	735.12	735.12	735.12
60.000	735.12	735.12	735.12	735.12	735.12
70.000	735.12	735.12	735.12	735.12	735.12
80.000	735.12	735.12	735.12	735.12	735.12
90.000	735.12	735.12	735.12	735.12	735.12
100.000	735.12	735.12	735.12	735.12	735.12
110.000	735.12	735.12	735.12	735.12	735.12
120.000	735.12	735.12	735.12	735.12	735.12
130.000	735.12	735.12	735.12	735.12	735.12
140.000	735.12	735.12	735.12	735.12	735.12
150.000	735.12	735.12	735.12	735.12	735.12
160.000	735.12	735.12	735.12	735.13	735.13
170.000	735.13	735.13	735.13	735.13	735.13
180.000	735.13	735.13	735.13	735.13	735.14
190.000	735.14	735.14	735.14	735.14	735.14
200.000	735.14	735.15	735.15	735.15	735.15
210.000	735.15	735.16	735.16	735.16	735.16
220.000	735.16	735.17	735.17	735.17	735.17
230.000	735.17	735.18	735.18	735.18	735.18
240.000	735.19	735.19	735.19	735.19	735.20
250.000	735.20	735.20	735.20	735.21	735.21
260.000	735.21	735.22	735.22	735.22	735.23
270.000	735.23	735.23	735.24	735.24	735.24
280.000	735.25	735.25	735.25	735.26	735.26
290.000	735.26	735.27	735.27	735.28	735.28
300.000	735.28	735.29	735.29	735.30	735.30
310.000	735.30	735.31	735.31	735.32	735.32
320.000	735.33	735.33	735.34	735.34	735.34
330.000	735.35	735.35	735.36	735.36	735.37
340.000	735.37	735.38	735.38	735.39	735.39
350.000	735.40	735.40	735.41	735.42	735.42
360.000	735.43	735.43	735.44	735.44	735.45
370.000	735.45	735.46	735.47	735.47	735.48
380.000	735.48	735.49	735.50	735.50	735.51
390.000	735.51	735.52	735.53	735.53	735.54

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV1 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
400.000	735.55	735.55	735.56	735.57	735.57
410.000	735.58	735.59	735.59	735.60	735.61
420.000	735.61	735.62	735.63	735.63	735.64
430.000	735.65	735.66	735.66	735.67	735.68
440.000	735.68	735.69	735.70	735.71	735.72
450.000	735.72	735.73	735.74	735.75	735.76
460.000	735.76	735.77	735.78	735.79	735.80
470.000	735.81	735.81	735.82	735.83	735.84
480.000	735.85	735.86	735.87	735.88	735.88
490.000	735.89	735.90	735.91	735.92	735.93
500.000	735.94	735.95	735.96	735.97	735.99
510.000	736.00	736.01	736.02	736.03	736.04
520.000	736.06	736.07	736.08	736.09	736.11
530.000	736.12	736.13	736.15	736.16	736.17
540.000	736.19	736.20	736.22	736.23	736.25
550.000	736.26	736.28	736.29	736.31	736.32
560.000	736.34	736.36	736.37	736.39	736.40
570.000	736.42	736.43	736.45	736.47	736.48
580.000	736.50	736.52	736.53	736.55	736.57
590.000	736.58	736.60	736.62	736.63	736.65
600.000	736.66	736.68	736.69	736.71	736.73
610.000	736.74	736.76	736.77	736.79	736.81
620.000	736.83	736.85	736.86	736.88	736.90
630.000	736.92	736.94	736.96	736.98	737.00
640.000	737.03	737.05	737.07	737.09	737.12
650.000	737.13	737.15	737.17	737.18	737.20
660.000	737.22	737.24	737.26	737.28	737.30
670.000	737.32	737.34	737.36	737.38	737.41
680.000	737.43	737.46	737.48	737.51	737.54
690.000	737.57	737.60	737.63	737.67	737.71
700.000	737.77	737.83	737.92	738.02	738.15
710.000	738.30	738.48	738.59	738.60	738.61
720.000	738.61	738.61	738.60	738.58	738.56
730.000	738.54	738.53	738.53	738.52	738.52
740.000	738.52	738.52	738.51	738.51	738.51
750.000	738.51	738.51	738.51	738.51	738.51
760.000	738.51	738.51	738.51	738.51	738.51
770.000	738.51	738.51	738.51	738.51	738.51
780.000	738.51	738.51	738.51	738.51	738.51
790.000	738.51	738.51	738.51	738.51	738.51
800.000	738.51	738.51	738.51	738.50	738.50

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV1 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
810.000	738.50	738.50	738.50	738.50	738.50
820.000	738.50	738.50	738.50	738.50	738.50
830.000	738.50	738.50	738.50	738.50	738.50
840.000	738.50	738.50	738.50	738.50	738.50
850.000	738.50	738.50	738.50	738.50	738.50
860.000	738.50	738.50	738.50	738.50	738.50
870.000	738.50	738.50	738.50	738.50	738.50
880.000	738.50	738.50	738.50	738.50	738.50
890.000	738.50	738.50	738.50	738.50	738.50
900.000	738.50	738.50	738.50	738.50	738.50
910.000	738.50	738.50	738.50	738.50	738.50
920.000	738.50	738.50	738.50	738.50	738.50
930.000	738.50	738.50	738.50	738.50	738.50
940.000	738.50	738.50	738.50	738.50	738.50
950.000	738.50	738.50	738.50	738.50	738.50
960.000	738.50	738.50	738.50	738.50	738.50
970.000	738.50	738.50	738.50	738.50	738.50
980.000	738.50	738.50	738.50	738.50	738.50
990.000	738.50	738.50	738.50	738.50	738.50
1,000.000	738.50	738.50	738.50	738.50	738.50
1,010.000	738.50	738.50	738.50	738.50	738.50
1,020.000	738.50	738.50	738.50	738.50	738.50
1,030.000	738.50	738.50	738.50	738.50	738.50
1,040.000	738.50	738.50	738.50	738.50	738.50
1,050.000	738.50	738.50	738.50	738.50	738.50
1,060.000	738.50	738.50	738.50	738.50	738.50
1,070.000	738.50	738.50	738.50	738.50	738.50
1,080.000	738.50	738.50	738.50	738.50	738.50
1,090.000	738.50	738.50	738.50	738.50	738.50
1,100.000	738.50	738.50	738.50	738.50	738.50
1,110.000	738.50	738.50	738.50	738.50	738.50
1,120.000	738.50	738.50	738.50	738.50	738.50
1,130.000	738.50	738.50	738.50	738.50	738.50
1,140.000	738.50	738.50	738.50	738.50	738.50
1,150.000	738.50	738.50	738.50	738.50	738.50
1,160.000	738.50	738.50	738.50	738.50	738.50
1,170.000	738.50	738.50	738.50	738.50	738.50
1,180.000	738.50	738.50	738.50	738.50	738.50
1,190.000	738.50	738.50	738.50	738.50	738.50
1,200.000	738.50	738.50	738.50	738.50	738.50
1,210.000	738.50	738.50	738.50	738.50	738.50

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV1 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
1,220.000	738.50	738.50	738.50	738.50	738.50
1,230.000	738.50	738.50	738.50	738.50	738.50
1,240.000	738.50	738.50	738.50	738.50	738.50
1,250.000	738.50	738.50	738.50	738.50	738.50
1,260.000	738.50	738.50	738.50	738.50	738.50
1,270.000	738.50	738.50	738.50	738.50	738.50
1,280.000	738.50	738.50	738.50	738.50	738.50
1,290.000	738.50	738.50	738.50	738.50	738.50
1,300.000	738.50	738.50	738.50	738.50	738.50
1,310.000	738.50	738.50	738.50	738.50	738.50
1,320.000	738.50	738.50	738.50	738.50	738.50
1,330.000	738.50	738.50	738.50	738.50	738.50
1,340.000	738.50	738.50	738.50	738.50	738.50
1,350.000	738.50	738.50	738.50	738.50	738.50
1,360.000	738.50	738.50	738.50	738.50	738.50
1,370.000	738.50	738.50	738.50	738.50	738.50
1,380.000	738.50	738.50	738.50	738.50	738.50
1,390.000	738.50	738.50	738.50	738.50	738.50
1,400.000	738.50	738.50	738.50	738.50	738.50
1,410.000	738.50	738.50	738.50	738.50	738.50
1,420.000	738.50	738.50	738.50	738.50	738.50
1,430.000	738.50	738.50	738.50	738.50	738.50
1,440.000	738.50	738.50	738.50	738.50	738.50
1,450.000	738.50	738.50	738.50	738.50	738.50
1,460.000	738.49	738.49	738.49	738.49	738.49
1,470.000	738.49	738.49	738.48	738.48	738.48
1,480.000	738.48	738.48	738.48	738.48	738.47
1,490.000	738.47	738.47	738.47	738.47	738.47
1,500.000	738.47	738.47	738.46	738.46	738.46
1,510.000	738.46	738.46	738.46	738.46	738.45
1,520.000	738.45	738.45	738.45	738.45	738.45
1,530.000	738.45	738.44	738.44	738.44	738.44
1,540.000	738.44	738.44	738.44	738.43	738.43
1,550.000	738.43	738.43	738.43	738.43	738.43
1,560.000	738.42	738.42	738.42	738.42	738.42
1,570.000	738.42	738.42	738.42	738.41	738.41
1,580.000	738.41	738.41	738.41	738.41	738.41
1,590.000	738.40	738.40	738.40	738.40	738.40
1,600.000	738.40	738.40	738.39	738.39	738.39
1,610.000	738.39	738.39	738.39	738.39	738.38
1,620.000	738.38	738.38	738.38	738.38	738.38

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV1 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
1,630.000	738.38	738.37	738.37	738.37	738.37
1,640.000	738.37	738.37	738.37	738.36	738.36
1,650.000	738.36	738.36	738.36	738.36	738.36
1,660.000	738.36	738.35	738.35	738.35	738.35
1,670.000	738.35	738.35	738.35	738.34	738.34
1,680.000	738.34	738.34	738.34	738.34	738.34
1,690.000	738.33	738.33	738.33	738.33	738.33
1,700.000	738.33	738.33	738.32	738.32	738.32
1,710.000	738.32	738.32	738.32	738.32	738.32
1,720.000	738.31	738.31	738.31	738.31	738.31
1,730.000	738.31	738.31	738.30	738.30	738.30
1,740.000	738.30	738.30	738.30	738.30	738.29
1,750.000	738.29	738.29	738.29	738.29	738.29
1,760.000	738.29	738.28	738.28	738.28	738.28
1,770.000	738.28	738.28	738.28	738.27	738.27
1,780.000	738.27	738.27	738.27	738.27	738.27
1,790.000	738.27	738.26	738.26	738.26	738.26
1,800.000	738.26	738.26	738.26	738.25	738.25
1,810.000	738.25	738.25	738.25	738.25	738.25
1,820.000	738.24	738.24	738.24	738.24	738.24
1,830.000	738.24	738.24	738.23	738.23	738.23
1,840.000	738.23	738.23	738.23	738.23	738.22
1,850.000	738.22	738.22	738.22	738.22	738.22
1,860.000	738.22	738.22	738.21	738.21	738.21
1,870.000	738.21	738.21	738.21	738.21	738.20
1,880.000	738.20	738.20	738.20	738.20	738.20
1,890.000	738.20	738.19	738.19	738.19	738.19
1,900.000	738.19	738.19	738.19	738.18	738.18
1,910.000	738.18	738.18	738.18	738.18	738.18
1,920.000	738.17	738.17	738.17	738.17	738.17
1,930.000	738.17	738.17	738.17	738.16	738.16
1,940.000	738.16	738.16	738.16	738.16	738.16
1,950.000	738.15	738.15	738.15	738.15	738.15
1,960.000	738.15	738.15	738.14	738.14	738.14
1,970.000	738.14	738.14	738.14	738.14	738.13
1,980.000	738.13	738.13	738.13	738.13	738.13
1,990.000	738.13	738.12	738.12	738.12	738.12
2,000.000	738.12	738.12	738.12	738.11	738.11
2,010.000	738.11	738.11	738.11	738.11	738.11
2,020.000	738.11	738.10	738.10	738.10	738.10
2,030.000	738.10	738.10	738.10	738.09	738.09

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation   Return Event: 100 years
Label: WQV1 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,040.000	738.09	738.09	738.09	738.09	738.09
2,050.000	738.08	738.08	738.08	738.08	738.08
2,060.000	738.08	738.08	738.07	738.07	738.07
2,070.000	738.07	738.07	738.07	738.07	738.07
2,080.000	738.06	738.06	738.06	738.06	738.06
2,090.000	738.06	738.06	738.05	738.05	738.05
2,100.000	738.05	738.05	738.05	738.05	738.04
2,110.000	738.04	738.04	738.04	738.04	738.04
2,120.000	738.04	738.03	738.03	738.03	738.03
2,130.000	738.03	738.03	738.03	738.02	738.02
2,140.000	738.02	738.02	738.02	738.02	738.02
2,150.000	738.02	738.01	738.01	738.01	738.01
2,160.000	738.01	738.01	738.01	738.00	738.00
2,170.000	738.00	738.00	738.00	738.00	738.00
2,180.000	737.99	737.99	737.99	737.99	737.99
2,190.000	737.99	737.99	737.98	737.98	737.98
2,200.000	737.98	737.98	737.98	737.98	737.97
2,210.000	737.97	737.97	737.97	737.97	737.97
2,220.000	737.97	737.97	737.96	737.96	737.96
2,230.000	737.96	737.96	737.96	737.96	737.95
2,240.000	737.95	737.95	737.95	737.95	737.95
2,250.000	737.95	737.94	737.94	737.94	737.94
2,260.000	737.94	737.94	737.94	737.93	737.93
2,270.000	737.93	737.93	737.93	737.93	737.93
2,280.000	737.92	737.92	737.92	737.92	737.92
2,290.000	737.92	737.92	737.92	737.91	737.91
2,300.000	737.91	737.91	737.91	737.91	737.91
2,310.000	737.90	737.90	737.90	737.90	737.90
2,320.000	737.90	737.90	737.89	737.89	737.89
2,330.000	737.89	737.89	737.89	737.89	737.88
2,340.000	737.88	737.88	737.88	737.88	737.88
2,350.000	737.88	737.87	737.87	737.87	737.87
2,360.000	737.87	737.87	737.87	737.86	737.86
2,370.000	737.86	737.86	737.86	737.86	737.86
2,380.000	737.86	737.85	737.85	737.85	737.85
2,390.000	737.85	737.85	737.85	737.84	737.84
2,400.000	737.84	737.84	737.84	737.84	737.84
2,410.000	737.83	737.83	737.83	737.83	737.83
2,420.000	737.83	737.83	737.82	737.82	737.82
2,430.000	737.82	737.82	737.82	737.82	737.82
2,440.000	737.81	737.81	737.81	737.81	737.81

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV1 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,450.000	737.81	737.81	737.80	737.80	737.80
2,460.000	737.80	737.80	737.80	737.80	737.79
2,470.000	737.79	737.79	737.79	737.79	737.79
2,480.000	737.79	737.78	737.78	737.78	737.78
2,490.000	737.78	737.78	737.78	737.77	737.77
2,500.000	737.77	737.77	737.77	737.77	737.77
2,510.000	737.77	737.76	737.76	737.76	737.76
2,520.000	737.76	737.76	737.76	737.75	737.75
2,530.000	737.75	737.75	737.75	737.75	737.75
2,540.000	737.74	737.74	737.74	737.74	737.74
2,550.000	737.74	737.74	737.73	737.73	737.73
2,560.000	737.73	737.73	737.73	737.73	737.72
2,570.000	737.72	737.72	737.72	737.72	737.72
2,580.000	737.72	737.72	737.71	737.71	737.71
2,590.000	737.71	737.71	737.71	737.71	737.70
2,600.000	737.70	737.70	737.70	737.70	737.70
2,610.000	737.70	737.69	737.69	737.69	737.69
2,620.000	737.69	737.69	737.69	737.68	737.68
2,630.000	737.68	737.68	737.68	737.68	737.68
2,640.000	737.67	737.67	737.67	737.67	737.67
2,650.000	737.67	737.67	737.67	737.66	737.66
2,660.000	737.66	737.66	737.66	737.66	737.66
2,670.000	737.65	737.65	737.65	737.65	737.65
2,680.000	737.65	737.65	737.64	737.64	737.64
2,690.000	737.64	737.64	737.64	737.64	737.63
2,700.000	737.63	737.63	737.63	737.63	737.63
2,710.000	737.63	737.62	737.62	737.62	737.62
2,720.000	737.62	737.62	737.62	737.61	737.61
2,730.000	737.61	737.61	737.61	737.61	737.60
2,740.000	737.60	737.60	737.60	737.60	737.60
2,750.000	737.59	737.59	737.59	737.59	737.59
2,760.000	737.59	737.58	737.58	737.58	737.58
2,770.000	737.58	737.58	737.57	737.57	737.57
2,780.000	737.57	737.57	737.57	737.56	737.56
2,790.000	737.56	737.56	737.56	737.56	737.55
2,800.000	737.55	737.55	737.55	737.55	737.55
2,810.000	737.55	737.54	737.54	737.54	737.54
2,820.000	737.54	737.54	737.53	737.53	737.53
2,830.000	737.53	737.53	737.53	737.52	737.52
2,840.000	737.52	737.52	737.52	737.52	737.52
2,850.000	737.51	737.51	737.51	737.51	737.51

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV1 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,860.000	737.51	737.50	737.50	737.50	737.50
2,870.000	737.50	737.50	737.50	737.49	737.49
2,880.000	737.49	737.49	737.49	737.49	737.48
2,890.000	737.48	737.48	737.48	737.48	737.48
2,900.000	737.48	737.47	737.47	737.47	737.47
2,910.000	737.47	737.47	737.46	737.46	737.46
2,920.000	737.46	737.46	737.46	737.46	737.45
2,930.000	737.45	737.45	737.45	737.45	737.45
2,940.000	737.45	737.44	737.44	737.44	737.44
2,950.000	737.44	737.44	737.44	737.43	737.43
2,960.000	737.43	737.43	737.43	737.43	737.42
2,970.000	737.42	737.42	737.42	737.42	737.42
2,980.000	737.42	737.41	737.41	737.41	737.41
2,990.000	737.41	737.41	737.41	737.40	737.40
3,000.000	737.40	737.40	737.40	737.40	737.40
3,010.000	737.39	737.39	737.39	737.39	737.39
3,020.000	737.39	737.39	737.38	737.38	737.38
3,030.000	737.38	737.38	737.38	737.38	737.37
3,040.000	737.37	737.37	737.37	737.37	737.37
3,050.000	737.37	737.36	737.36	737.36	737.36
3,060.000	737.36	737.36	737.36	737.36	737.35
3,070.000	737.35	737.35	737.35	737.35	737.35
3,080.000	737.35	737.34	737.34	737.34	737.34
3,090.000	737.34	737.34	737.34	737.33	737.33
3,100.000	737.33	737.33	737.33	737.33	737.33
3,110.000	737.33	737.32	737.32	737.32	737.32
3,120.000	737.32	737.32	737.32	737.31	737.31
3,130.000	737.31	737.31	737.31	737.31	737.31
3,140.000	737.31	737.30	737.30	737.30	737.30
3,150.000	737.30	737.30	737.30	737.29	737.29
3,160.000	737.29	737.29	737.29	737.29	737.29
3,170.000	737.29	737.28	737.28	737.28	737.28
3,180.000	737.28	737.28	737.28	737.28	737.27
3,190.000	737.27	737.27	737.27	737.27	737.27
3,200.000	737.27	737.26	737.26	737.26	737.26
3,210.000	737.26	737.26	737.26	737.26	737.25
3,220.000	737.25	737.25	737.25	737.25	737.25
3,230.000	737.25	737.25	737.24	737.24	737.24
3,240.000	737.24	737.24	737.24	737.24	737.24
3,250.000	737.23	737.23	737.23	737.23	737.23
3,260.000	737.23	737.23	737.23	737.22	737.22

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV1 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3,270.000	737.22	737.22	737.22	737.22	737.22
3,280.000	737.22	737.21	737.21	737.21	737.21
3,290.000	737.21	737.21	737.21	737.21	737.20
3,300.000	737.20	737.20	737.20	737.20	737.20
3,310.000	737.20	737.20	737.20	737.19	737.19
3,320.000	737.19	737.19	737.19	737.19	737.19
3,330.000	737.19	737.18	737.18	737.18	737.18
3,340.000	737.18	737.18	737.18	737.18	737.17
3,350.000	737.17	737.17	737.17	737.17	737.17
3,360.000	737.17	737.17	737.17	737.16	737.16
3,370.000	737.16	737.16	737.16	737.16	737.16
3,380.000	737.16	737.16	737.15	737.15	737.15
3,390.000	737.15	737.15	737.15	737.15	737.15
3,400.000	737.14	737.14	737.14	737.14	737.14
3,410.000	737.14	737.14	737.14	737.14	737.13
3,420.000	737.13	737.13	737.13	737.13	737.13
3,430.000	737.13	737.13	737.13	737.12	737.12
3,440.000	737.12	737.12	737.12	737.12	737.12
3,450.000	737.11	737.11	737.11	737.11	737.11
3,460.000	737.11	737.10	737.10	737.10	737.10
3,470.000	737.10	737.10	737.09	737.09	737.09
3,480.000	737.09	737.09	737.09	737.08	737.08
3,490.000	737.08	737.08	737.08	737.08	737.07
3,500.000	737.07	737.07	737.07	737.07	737.06
3,510.000	737.06	737.06	737.06	737.06	737.06
3,520.000	737.05	737.05	737.05	737.05	737.05
3,530.000	737.05	737.04	737.04	737.04	737.04
3,540.000	737.04	737.04	737.04	737.03	737.03
3,550.000	737.03	737.03	737.03	737.03	737.02
3,560.000	737.02	737.02	737.02	737.02	737.02
3,570.000	737.01	737.01	737.01	737.01	737.01
3,580.000	737.01	737.00	737.00	737.00	737.00
3,590.000	737.00	737.00	736.99	736.99	736.99
3,600.000	736.99	736.99	736.99	736.99	736.98
3,610.000	736.98	736.98	736.98	736.98	736.98
3,620.000	736.97	736.97	736.97	736.97	736.97
3,630.000	736.97	736.97	736.96	736.96	736.96
3,640.000	736.96	736.96	736.96	736.95	736.95
3,650.000	736.95	736.95	736.95	736.95	736.95
3,660.000	736.94	736.94	736.94	736.94	736.94
3,670.000	736.94	736.93	736.93	736.93	736.93

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Return Event: 100 years

Label: WQV1 (IN)

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3,680.000	736.93	736.93	736.93	736.92	736.92
3,690.000	736.92	736.92	736.92	736.92	736.92
3,700.000	736.91	736.91	736.91	736.91	736.91
3,710.000	736.91	736.91	736.90	736.90	736.90
3,720.000	736.90	736.90	736.90	736.90	736.89
3,730.000	736.89	736.89	736.89	736.89	736.89
3,740.000	736.89	736.88	736.88	736.88	736.88
3,750.000	736.88	736.88	736.88	736.87	736.87
3,760.000	736.87	736.87	736.87	736.87	736.87
3,770.000	736.86	736.86	736.86	736.86	736.86
3,780.000	736.86	736.86	736.85	736.85	736.85
3,790.000	736.85	736.85	736.85	736.85	736.84
3,800.000	736.84	736.84	736.84	736.84	736.84
3,810.000	736.84	736.84	736.83	736.83	736.83
3,820.000	736.83	736.83	736.83	736.83	736.82
3,830.000	736.82	736.82	736.82	736.82	736.82
3,840.000	736.82	736.82	736.81	736.81	736.81
3,850.000	736.81	736.81	736.81	736.81	736.80
3,860.000	736.80	736.80	736.80	736.80	736.80
3,870.000	736.80	736.80	736.79	736.79	736.79
3,880.000	736.79	736.79	736.79	736.79	736.79
3,890.000	736.78	736.78	736.78	736.78	736.78
3,900.000	736.78	736.78	736.77	736.77	736.77
3,910.000	736.77	736.77	736.77	736.77	736.77
3,920.000	736.76	736.76	736.76	736.76	736.76
3,930.000	736.76	736.76	736.76	736.75	736.75
3,940.000	736.75	736.75	736.75	736.75	736.75
3,950.000	736.75	736.74	736.74	736.74	736.74
3,960.000	736.74	736.74	736.74	736.74	736.74
3,970.000	736.73	736.73	736.73	736.73	736.73
3,980.000	736.73	736.73	736.73	736.72	736.72
3,990.000	736.72	736.72	736.72	736.72	736.72
4,000.000	736.72	736.71	736.71	736.71	736.71
4,010.000	736.71	736.71	736.71	736.71	736.71
4,020.000	736.70	736.70	736.70	736.70	736.70
4,030.000	736.70	736.70	736.70	736.69	736.69
4,040.000	736.69	736.69	736.69	736.69	736.69
4,050.000	736.69	736.69	736.68	736.68	736.68
4,060.000	736.68	736.68	736.68	736.68	736.68
4,070.000	736.68	736.67	736.67	736.67	736.67
4,080.000	736.67	736.67	736.67	736.67	736.67

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation   Return Event: 100 years
Label: WQV1 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,090.000	736.66	736.66	736.66	736.66	736.66
4,100.000	736.66	736.66	736.66	736.66	736.65
4,110.000	736.65	736.65	736.65	736.65	736.65
4,120.000	736.65	736.65	736.65	736.64	736.64
4,130.000	736.64	736.64	736.64	736.64	736.64
4,140.000	736.64	736.64	736.63	736.63	736.63
4,150.000	736.63	736.63	736.63	736.63	736.63
4,160.000	736.63	736.63	736.62	736.62	736.62
4,170.000	736.62	736.62	736.62	736.62	736.62
4,180.000	736.61	736.61	736.61	736.61	736.61
4,190.000	736.61	736.61	736.60	736.60	736.60
4,200.000	736.60	736.60	736.60	736.60	736.59
4,210.000	736.59	736.59	736.59	736.59	736.59
4,220.000	736.59	736.58	736.58	736.58	736.58
4,230.000	736.58	736.58	736.58	736.58	736.57
4,240.000	736.57	736.57	736.57	736.57	736.57
4,250.000	736.57	736.56	736.56	736.56	736.56
4,260.000	736.56	736.56	736.56	736.55	736.55
4,270.000	736.55	736.55	736.55	736.55	736.55
4,280.000	736.54	736.54	736.54	736.54	736.54
4,290.000	736.54	736.54	736.53	736.53	736.53
4,300.000	736.53	736.53	736.53	736.53	736.53
4,310.000	736.52	736.52	736.52	736.52	736.52
4,320.000	736.52	736.52	736.51	736.51	736.51
4,330.000	736.51	736.51	736.51	736.51	736.50
4,340.000	736.50	736.50	736.50	736.50	736.50
4,350.000	736.50	736.49	736.49	736.49	736.49
4,360.000	736.49	736.49	736.49	736.48	736.48
4,370.000	736.48	736.48	736.48	736.48	736.48
4,380.000	736.48	736.47	736.47	736.47	736.47
4,390.000	736.47	736.47	736.47	736.46	736.46
4,400.000	736.46	736.46	736.46	736.46	736.46
4,410.000	736.45	736.45	736.45	736.45	736.45
4,420.000	736.45	736.45	736.44	736.44	736.44
4,430.000	736.44	736.44	736.44	736.44	736.43
4,440.000	736.43	736.43	736.43	736.43	736.43
4,450.000	736.43	736.43	736.42	736.42	736.42
4,460.000	736.42	736.42	736.42	736.42	736.41
4,470.000	736.41	736.41	736.41	736.41	736.41
4,480.000	736.41	736.40	736.40	736.40	736.40
4,490.000	736.40	736.40	736.40	736.39	736.39

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation   Return Event: 100 years

Label: WQV1 (IN)   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,500.000	736.39	736.39	736.39	736.39	736.39
4,510.000	736.38	736.38	736.38	736.38	736.38
4,520.000	736.38	736.38	736.38	736.37	736.37
4,530.000	736.37	736.37	736.37	736.37	736.37
4,540.000	736.36	736.36	736.36	736.36	736.36
4,550.000	736.36	736.36	736.35	736.35	736.35
4,560.000	736.35	736.35	736.35	736.35	736.34
4,570.000	736.34	736.34	736.34	736.34	736.34
4,580.000	736.34	736.33	736.33	736.33	736.33
4,590.000	736.33	736.33	736.33	736.33	736.32
4,600.000	736.32	736.32	736.32	736.32	736.32
4,610.000	736.32	736.31	736.31	736.31	736.31
4,620.000	736.31	736.31	736.31	736.30	736.30
4,630.000	736.30	736.30	736.30	736.30	736.30
4,640.000	736.29	736.29	736.29	736.29	736.29
4,650.000	736.29	736.29	736.28	736.28	736.28
4,660.000	736.28	736.28	736.28	736.28	736.28
4,670.000	736.27	736.27	736.27	736.27	736.27
4,680.000	736.27	736.27	736.26	736.26	736.26
4,690.000	736.26	736.26	736.26	736.26	736.25
4,700.000	736.25	736.25	736.25	736.25	736.25
4,710.000	736.25	736.24	736.24	736.24	736.24
4,720.000	736.24	736.24	736.24	736.23	736.23
4,730.000	736.23	736.23	736.23	736.23	736.23
4,740.000	736.23	736.22	736.22	736.22	736.22
4,750.000	736.22	736.22	736.22	736.21	736.21
4,760.000	736.21	736.21	736.21	736.21	736.21
4,770.000	736.20	736.20	736.20	736.20	736.20
4,780.000	736.20	736.20	736.19	736.19	736.19
4,790.000	736.19	736.19	736.19	736.19	736.18
4,800.000	736.18	736.18	736.18	736.18	736.18
4,810.000	736.18	736.18	736.17	736.17	736.17
4,820.000	736.17	736.17	736.17	736.17	736.16
4,830.000	736.16	736.16	736.16	736.16	736.16
4,840.000	736.16	736.15	736.15	736.15	736.15
4,850.000	736.15	736.15	736.15	736.14	736.14
4,860.000	736.14	736.14	736.14	736.14	736.14
4,870.000	736.13	736.13	736.13	736.13	736.13
4,880.000	736.13	736.13	736.13	736.12	736.12
4,890.000	736.12	736.12	736.12	736.12	736.12
4,900.000	736.11	736.11	736.11	736.11	736.11

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV1 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,910.000	736.11	736.11	736.10	736.10	736.10
4,920.000	736.10	736.10	736.10	736.10	736.09
4,930.000	736.09	736.09	736.09	736.09	736.09
4,940.000	736.09	736.08	736.08	736.08	736.08
4,950.000	736.08	736.08	736.08	736.08	736.07
4,960.000	736.07	736.07	736.07	736.07	736.07
4,970.000	736.07	736.06	736.06	736.06	736.06
4,980.000	736.06	736.06	736.06	736.05	736.05
4,990.000	736.05	736.05	736.05	736.05	736.05
5,000.000	736.04	736.04	736.04	736.04	736.04
5,010.000	736.04	736.04	736.03	736.03	736.03
5,020.000	736.03	736.03	736.03	736.03	736.03
5,030.000	736.02	736.02	736.02	736.02	736.02
5,040.000	736.02	736.02	736.01	736.01	736.01
5,050.000	736.01	736.01	736.01	736.01	736.00
5,060.000	736.00	736.00	736.00	736.00	736.00
5,070.000	736.00	735.99	735.99	735.99	735.99
5,080.000	735.99	735.99	735.99	735.98	735.98
5,090.000	735.98	735.98	735.98	735.98	735.98
5,100.000	735.98	735.97	735.97	735.97	735.97
5,110.000	735.97	735.97	735.97	735.96	735.96
5,120.000	735.96	735.96	735.96	735.96	735.96
5,130.000	735.95	735.95	735.95	735.95	735.95
5,140.000	735.95	735.95	735.94	735.94	735.94
5,150.000	735.94	735.94	735.94	735.94	735.93
5,160.000	735.93	735.93	735.93	735.93	735.93
5,170.000	735.93	735.93	735.92	735.92	735.92
5,180.000	735.92	735.92	735.92	735.92	735.91
5,190.000	735.91	735.91	735.91	735.91	735.91
5,200.000	735.91	735.90	735.90	735.90	735.90
5,210.000	735.90	735.90	735.90	735.89	735.89
5,220.000	735.89	735.89	735.89	735.89	735.89
5,230.000	735.88	735.88	735.88	735.88	735.88
5,240.000	735.88	735.88	735.88	735.87	735.87
5,250.000	735.87	735.87	735.87	735.87	735.87
5,260.000	735.86	735.86	735.86	735.86	735.86
5,270.000	735.86	735.86	735.85	735.85	735.85
5,280.000	735.85	735.85	735.85	735.85	735.84
5,290.000	735.84	735.84	735.84	735.84	735.84
5,300.000	735.84	735.83	735.83	735.83	735.83
5,310.000	735.83	735.83	735.83	735.83	735.82

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Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5,320.000	735.82	735.82	735.82	735.82	735.82
5,330.000	735.82	735.81	735.81	735.81	735.81
5,340.000	735.81	735.81	735.81	735.80	735.80
5,350.000	735.80	735.80	735.80	735.80	735.80
5,360.000	735.79	735.79	735.79	735.79	735.79
5,370.000	735.79	735.79	735.78	735.78	735.78
5,380.000	735.78	735.78	735.78	735.78	735.78
5,390.000	735.77	735.77	735.77	735.77	735.77
5,400.000	735.77	735.77	735.76	735.76	735.76
5,410.000	735.76	735.76	735.76	735.76	735.75
5,420.000	735.75	735.75	735.75	735.75	735.75
5,430.000	735.75	735.74	735.74	735.74	735.74
5,440.000	735.74	735.74	735.74	735.73	735.73
5,450.000	735.73	735.73	735.73	735.73	735.73
5,460.000	735.73	735.72	735.72	735.72	735.72
5,470.000	735.72	735.72	735.72	735.71	735.71
5,480.000	735.71	735.71	735.71	735.71	735.71
5,490.000	735.70	735.70	735.70	735.70	735.70
5,500.000	735.70	735.70	735.69	735.69	735.69
5,510.000	735.69	735.69	735.69	735.69	735.68
5,520.000	735.68	735.68	735.68	735.68	735.68
5,530.000	735.68	735.68	735.67	735.67	735.67
5,540.000	735.67	735.67	735.67	735.67	735.66
5,550.000	735.66	735.66	735.66	735.66	735.66
5,560.000	735.66	735.65	735.65	735.65	735.65
5,570.000	735.65	735.65	735.65	735.64	735.64
5,580.000	735.64	735.64	735.64	735.64	735.64
5,590.000	735.63	735.63	735.63	735.63	735.63
5,600.000	735.63	735.63	735.63	735.62	735.62
5,610.000	735.62	735.62	735.62	735.62	735.62
5,620.000	735.61	735.61	735.61	735.61	735.61
5,630.000	735.61	735.61	735.60	735.60	735.60
5,640.000	735.60	735.60	735.60	735.60	735.60
5,650.000	735.59	735.59	735.59	735.59	735.59
5,660.000	735.59	735.59	735.58	735.58	735.58
5,670.000	735.58	735.58	735.58	735.58	735.58
5,680.000	735.57	735.57	735.57	735.57	735.57
5,690.000	735.57	735.57	735.57	735.56	735.56
5,700.000	735.56	735.56	735.56	735.56	735.56
5,710.000	735.56	735.55	735.55	735.55	735.55
5,720.000	735.55	735.55	735.55	735.55	735.55

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV1 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5,730.000	735.54	735.54	735.54	735.54	735.54
5,740.000	735.54	735.54	735.54	735.53	735.53
5,750.000	735.53	735.53	735.53	735.53	735.53
5,760.000	735.53	(N/A)	(N/A)	(N/A)	(N/A)

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV2 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	734.72	734.72	734.72	734.72	734.72
10.000	734.72	734.72	734.72	734.72	734.72
20.000	734.72	734.72	734.72	734.72	734.72
30.000	734.72	734.72	734.72	734.72	734.72
40.000	734.72	734.72	734.72	734.72	734.72
50.000	734.72	734.72	734.72	734.72	734.72
60.000	734.72	734.72	734.72	734.72	734.72
70.000	734.72	734.72	734.72	734.72	734.72
80.000	734.72	734.72	734.72	734.72	734.72
90.000	734.72	734.72	734.72	734.72	734.72
100.000	734.72	734.72	734.72	734.72	734.72
110.000	734.72	734.72	734.72	734.72	734.72
120.000	734.72	734.72	734.72	734.72	734.72
130.000	734.72	734.72	734.72	734.72	734.72
140.000	734.72	734.72	734.72	734.72	734.72
150.000	734.72	734.72	734.72	734.73	734.73
160.000	734.73	734.73	734.73	734.73	734.73
170.000	734.73	734.73	734.73	734.73	734.73
180.000	734.73	734.73	734.74	734.74	734.74
190.000	734.74	734.74	734.74	734.74	734.74
200.000	734.74	734.74	734.75	734.75	734.75
210.000	734.75	734.75	734.75	734.75	734.75
220.000	734.76	734.76	734.76	734.76	734.76
230.000	734.76	734.76	734.77	734.77	734.77
240.000	734.77	734.77	734.77	734.78	734.78
250.000	734.78	734.78	734.78	734.78	734.79
260.000	734.79	734.79	734.79	734.79	734.79
270.000	734.80	734.80	734.80	734.80	734.80
280.000	734.81	734.81	734.81	734.81	734.81
290.000	734.82	734.82	734.82	734.82	734.83
300.000	734.83	734.83	734.83	734.84	734.84
310.000	734.84	734.84	734.84	734.85	734.85
320.000	734.85	734.85	734.86	734.86	734.86
330.000	734.87	734.87	734.87	734.87	734.88
340.000	734.88	734.88	734.88	734.89	734.89
350.000	734.89	734.90	734.90	734.90	734.90
360.000	734.91	734.91	734.91	734.92	734.92
370.000	734.92	734.93	734.93	734.93	734.94
380.000	734.94	734.94	734.94	734.95	734.95
390.000	734.95	734.96	734.96	734.96	734.97

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV2 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
400.000	734.97	734.97	734.98	734.98	734.99
410.000	734.99	734.99	735.00	735.00	735.00
420.000	735.01	735.01	735.01	735.02	735.02
430.000	735.03	735.03	735.03	735.04	735.04
440.000	735.04	735.05	735.05	735.06	735.06
450.000	735.06	735.07	735.07	735.08	735.08
460.000	735.08	735.09	735.09	735.10	735.10
470.000	735.10	735.11	735.11	735.12	735.12
480.000	735.12	735.13	735.13	735.14	735.14
490.000	735.15	735.15	735.16	735.16	735.16
500.000	735.17	735.17	735.18	735.18	735.19
510.000	735.19	735.20	735.21	735.21	735.22
520.000	735.22	735.23	735.23	735.24	735.25
530.000	735.25	735.26	735.26	735.27	735.28
540.000	735.28	735.29	735.30	735.30	735.31
550.000	735.32	735.33	735.33	735.34	735.35
560.000	735.35	735.36	735.37	735.38	735.38
570.000	735.39	735.40	735.41	735.41	735.42
580.000	735.43	735.44	735.44	735.45	735.46
590.000	735.47	735.48	735.49	735.49	735.50
600.000	735.51	735.52	735.53	735.54	735.55
610.000	735.56	735.57	735.58	735.59	735.60
620.000	735.62	735.63	735.64	735.65	735.66
630.000	735.68	735.69	735.70	735.71	735.73
640.000	735.74	735.76	735.77	735.79	735.80
650.000	735.82	735.83	735.85	735.87	735.89
660.000	735.90	735.92	735.94	735.96	735.98
670.000	736.00	736.03	736.05	736.07	736.10
680.000	736.12	736.15	736.18	736.21	736.23
690.000	736.25	736.28	736.31	736.34	736.38
700.000	736.43	736.49	736.57	736.67	736.76
710.000	736.85	736.96	737.09	737.24	737.38
720.000	737.52	737.66	737.78	737.88	737.96
730.000	738.02	738.06	738.10	738.12	738.13
740.000	738.13	738.13	738.13	738.13	738.12
750.000	738.12	738.12	738.12	738.12	738.12
760.000	738.12	738.11	738.11	738.11	738.11
770.000	738.11	738.11	738.11	738.11	738.11
780.000	738.11	738.11	738.11	738.11	738.11
790.000	738.11	738.11	738.11	738.11	738.11
800.000	738.11	738.11	738.11	738.11	738.11

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
810.000	738.11	738.11	738.11	738.11	738.11
820.000	738.11	738.11	738.11	738.11	738.11
830.000	738.11	738.11	738.11	738.11	738.11
840.000	738.11	738.11	738.11	738.11	738.11
850.000	738.10	738.10	738.10	738.10	738.10
860.000	738.10	738.10	738.10	738.10	738.10
870.000	738.10	738.10	738.10	738.10	738.10
880.000	738.10	738.10	738.10	738.10	738.10
890.000	738.10	738.10	738.10	738.10	738.10
900.000	738.10	738.10	738.10	738.10	738.10
910.000	738.10	738.10	738.10	738.10	738.10
920.000	738.10	738.10	738.10	738.10	738.10
930.000	738.10	738.10	738.10	738.10	738.10
940.000	738.10	738.10	738.10	738.10	738.10
950.000	738.10	738.10	738.10	738.10	738.10
960.000	738.10	738.10	738.10	738.10	738.10
970.000	738.10	738.10	738.10	738.10	738.10
980.000	738.10	738.10	738.10	738.10	738.10
990.000	738.10	738.10	738.10	738.10	738.10
1,000.000	738.10	738.10	738.10	738.10	738.10
1,010.000	738.10	738.10	738.10	738.10	738.10
1,020.000	738.10	738.10	738.10	738.10	738.10
1,030.000	738.10	738.10	738.10	738.10	738.10
1,040.000	738.10	738.10	738.10	738.10	738.10
1,050.000	738.10	738.10	738.10	738.10	738.10
1,060.000	738.10	738.10	738.10	738.10	738.10
1,070.000	738.10	738.10	738.10	738.10	738.10
1,080.000	738.10	738.10	738.10	738.10	738.10
1,090.000	738.10	738.10	738.10	738.10	738.10
1,100.000	738.10	738.10	738.10	738.10	738.10
1,110.000	738.10	738.10	738.10	738.10	738.10
1,120.000	738.10	738.10	738.10	738.10	738.10
1,130.000	738.10	738.10	738.10	738.10	738.10
1,140.000	738.10	738.10	738.10	738.10	738.10
1,150.000	738.10	738.10	738.10	738.10	738.10
1,160.000	738.10	738.10	738.10	738.10	738.10
1,170.000	738.10	738.10	738.10	738.10	738.10
1,180.000	738.10	738.10	738.10	738.10	738.10
1,190.000	738.10	738.10	738.10	738.10	738.10
1,200.000	738.10	738.10	738.10	738.10	738.10
1,210.000	738.10	738.10	738.10	738.10	738.10

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV2 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
1,220.000	738.10	738.10	738.10	738.10	738.10
1,230.000	738.10	738.10	738.10	738.10	738.10
1,240.000	738.10	738.10	738.10	738.10	738.10
1,250.000	738.10	738.10	738.10	738.10	738.10
1,260.000	738.10	738.10	738.10	738.10	738.10
1,270.000	738.10	738.10	738.10	738.10	738.10
1,280.000	738.10	738.10	738.10	738.10	738.10
1,290.000	738.10	738.10	738.10	738.10	738.10
1,300.000	738.10	738.10	738.10	738.10	738.10
1,310.000	738.10	738.10	738.10	738.10	738.10
1,320.000	738.10	738.10	738.10	738.10	738.10
1,330.000	738.10	738.10	738.10	738.10	738.10
1,340.000	738.10	738.10	738.10	738.10	738.10
1,350.000	738.10	738.10	738.10	738.10	738.10
1,360.000	738.10	738.10	738.10	738.10	738.10
1,370.000	738.10	738.10	738.10	738.10	738.10
1,380.000	738.10	738.10	738.10	738.10	738.10
1,390.000	738.10	738.10	738.10	738.10	738.10
1,400.000	738.10	738.10	738.10	738.10	738.10
1,410.000	738.10	738.10	738.10	738.10	738.10
1,420.000	738.10	738.10	738.10	738.10	738.10
1,430.000	738.10	738.10	738.10	738.10	738.10
1,440.000	738.10	738.10	738.10	738.10	738.10
1,450.000	738.10	738.10	738.10	738.09	738.09
1,460.000	738.09	738.09	738.09	738.09	738.09
1,470.000	738.08	738.08	738.08	738.08	738.08
1,480.000	738.08	738.08	738.08	738.07	738.07
1,490.000	738.07	738.07	738.07	738.07	738.07
1,500.000	738.06	738.06	738.06	738.06	738.06
1,510.000	738.06	738.06	738.05	738.05	738.05
1,520.000	738.05	738.05	738.05	738.05	738.04
1,530.000	738.04	738.04	738.04	738.04	738.04
1,540.000	738.04	738.03	738.03	738.03	738.03
1,550.000	738.03	738.03	738.03	738.03	738.02
1,560.000	738.02	738.02	738.02	738.02	738.02
1,570.000	738.02	738.01	738.01	738.01	738.01
1,580.000	738.01	738.01	738.01	738.00	738.00
1,590.000	738.00	738.00	738.00	738.00	738.00
1,600.000	737.99	737.99	737.99	737.99	737.99
1,610.000	737.99	737.99	737.98	737.98	737.98
1,620.000	737.98	737.98	737.98	737.98	737.98

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
1,630.000	737.97	737.97	737.97	737.97	737.97
1,640.000	737.97	737.97	737.96	737.96	737.96
1,650.000	737.96	737.96	737.96	737.96	737.95
1,660.000	737.95	737.95	737.95	737.95	737.95
1,670.000	737.95	737.94	737.94	737.94	737.94
1,680.000	737.94	737.94	737.94	737.93	737.93
1,690.000	737.93	737.93	737.93	737.93	737.93
1,700.000	737.93	737.92	737.92	737.92	737.92
1,710.000	737.92	737.92	737.92	737.91	737.91
1,720.000	737.91	737.91	737.91	737.91	737.91
1,730.000	737.90	737.90	737.90	737.90	737.90
1,740.000	737.90	737.90	737.89	737.89	737.89
1,750.000	737.89	737.89	737.89	737.89	737.88
1,760.000	737.88	737.88	737.88	737.88	737.88
1,770.000	737.88	737.88	737.87	737.87	737.87
1,780.000	737.87	737.87	737.87	737.87	737.86
1,790.000	737.86	737.86	737.86	737.86	737.86
1,800.000	737.86	737.85	737.85	737.85	737.85
1,810.000	737.85	737.85	737.85	737.84	737.84
1,820.000	737.84	737.84	737.84	737.84	737.84
1,830.000	737.83	737.83	737.83	737.83	737.83
1,840.000	737.83	737.83	737.83	737.82	737.82
1,850.000	737.82	737.82	737.82	737.82	737.82
1,860.000	737.81	737.81	737.81	737.81	737.81
1,870.000	737.81	737.81	737.80	737.80	737.80
1,880.000	737.80	737.80	737.80	737.80	737.79
1,890.000	737.79	737.79	737.79	737.79	737.79
1,900.000	737.79	737.78	737.78	737.78	737.78
1,910.000	737.78	737.78	737.78	737.78	737.77
1,920.000	737.77	737.77	737.77	737.77	737.77
1,930.000	737.77	737.76	737.76	737.76	737.76
1,940.000	737.76	737.76	737.76	737.75	737.75
1,950.000	737.75	737.75	737.75	737.75	737.75
1,960.000	737.74	737.74	737.74	737.74	737.74
1,970.000	737.74	737.74	737.73	737.73	737.73
1,980.000	737.73	737.73	737.73	737.73	737.73
1,990.000	737.72	737.72	737.72	737.72	737.72
2,000.000	737.72	737.72	737.71	737.71	737.71
2,010.000	737.71	737.71	737.71	737.71	737.70
2,020.000	737.70	737.70	737.70	737.70	737.70
2,030.000	737.70	737.69	737.69	737.69	737.69

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,040.000	737.69	737.69	737.69	737.68	737.68
2,050.000	737.68	737.68	737.68	737.68	737.68
2,060.000	737.68	737.67	737.67	737.67	737.67
2,070.000	737.67	737.67	737.67	737.66	737.66
2,080.000	737.66	737.66	737.66	737.66	737.66
2,090.000	737.65	737.65	737.65	737.65	737.65
2,100.000	737.65	737.65	737.64	737.64	737.64
2,110.000	737.64	737.64	737.64	737.64	737.63
2,120.000	737.63	737.63	737.63	737.63	737.63
2,130.000	737.63	737.63	737.62	737.62	737.62
2,140.000	737.62	737.62	737.62	737.62	737.61
2,150.000	737.61	737.61	737.61	737.61	737.61
2,160.000	737.61	737.60	737.60	737.60	737.60
2,170.000	737.60	737.60	737.60	737.59	737.59
2,180.000	737.59	737.59	737.59	737.59	737.59
2,190.000	737.58	737.58	737.58	737.58	737.58
2,200.000	737.58	737.58	737.58	737.57	737.57
2,210.000	737.57	737.57	737.57	737.57	737.57
2,220.000	737.56	737.56	737.56	737.56	737.56
2,230.000	737.56	737.56	737.55	737.55	737.55
2,240.000	737.55	737.55	737.55	737.55	737.54
2,250.000	737.54	737.54	737.54	737.54	737.54
2,260.000	737.54	737.53	737.53	737.53	737.53
2,270.000	737.53	737.53	737.53	737.53	737.52
2,280.000	737.52	737.52	737.52	737.52	737.52
2,290.000	737.52	737.51	737.51	737.51	737.51
2,300.000	737.51	737.51	737.51	737.50	737.50
2,310.000	737.50	737.50	737.50	737.50	737.50
2,320.000	737.49	737.49	737.49	737.49	737.49
2,330.000	737.49	737.49	737.48	737.48	737.48
2,340.000	737.48	737.48	737.48	737.48	737.48
2,350.000	737.47	737.47	737.47	737.47	737.47
2,360.000	737.47	737.47	737.46	737.46	737.46
2,370.000	737.46	737.46	737.46	737.46	737.45
2,380.000	737.45	737.45	737.45	737.45	737.45
2,390.000	737.45	737.44	737.44	737.44	737.44
2,400.000	737.44	737.44	737.44	737.43	737.43
2,410.000	737.43	737.43	737.43	737.43	737.43
2,420.000	737.43	737.42	737.42	737.42	737.42
2,430.000	737.42	737.42	737.42	737.41	737.41
2,440.000	737.41	737.41	737.41	737.41	737.41

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,450.000	737.40	737.40	737.40	737.40	737.40
2,460.000	737.40	737.40	737.39	737.39	737.39
2,470.000	737.39	737.39	737.39	737.39	737.38
2,480.000	737.38	737.38	737.38	737.38	737.38
2,490.000	737.38	737.38	737.37	737.37	737.37
2,500.000	737.37	737.37	737.37	737.37	737.36
2,510.000	737.36	737.36	737.36	737.36	737.36
2,520.000	737.36	737.35	737.35	737.35	737.35
2,530.000	737.35	737.35	737.35	737.34	737.34
2,540.000	737.34	737.34	737.34	737.34	737.34
2,550.000	737.33	737.33	737.33	737.33	737.33
2,560.000	737.33	737.33	737.33	737.32	737.32
2,570.000	737.32	737.32	737.32	737.32	737.32
2,580.000	737.31	737.31	737.31	737.31	737.31
2,590.000	737.31	737.31	737.30	737.30	737.30
2,600.000	737.30	737.30	737.30	737.30	737.29
2,610.000	737.29	737.29	737.29	737.29	737.29
2,620.000	737.29	737.28	737.28	737.28	737.28
2,630.000	737.28	737.28	737.28	737.28	737.27
2,640.000	737.27	737.27	737.27	737.27	737.27
2,650.000	737.27	737.26	737.26	737.26	737.26
2,660.000	737.26	737.26	737.26	737.25	737.25
2,670.000	737.25	737.25	737.25	737.25	737.25
2,680.000	737.24	737.24	737.24	737.24	737.24
2,690.000	737.24	737.24	737.23	737.23	737.23
2,700.000	737.23	737.23	737.23	737.23	737.23
2,710.000	737.22	737.22	737.22	737.22	737.22
2,720.000	737.22	737.21	737.21	737.21	737.21
2,730.000	737.21	737.21	737.20	737.20	737.20
2,740.000	737.20	737.20	737.20	737.19	737.19
2,750.000	737.19	737.19	737.19	737.19	737.18
2,760.000	737.18	737.18	737.18	737.18	737.18
2,770.000	737.17	737.17	737.17	737.17	737.17
2,780.000	737.17	737.17	737.16	737.16	737.16
2,790.000	737.16	737.16	737.16	737.15	737.15
2,800.000	737.15	737.15	737.15	737.15	737.14
2,810.000	737.14	737.14	737.14	737.14	737.14
2,820.000	737.13	737.13	737.13	737.13	737.13
2,830.000	737.13	737.13	737.12	737.12	737.12
2,840.000	737.12	737.12	737.12	737.11	737.11
2,850.000	737.11	737.11	737.11	737.11	737.11

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,860.000	737.10	737.10	737.10	737.10	737.10
2,870.000	737.10	737.09	737.09	737.09	737.09
2,880.000	737.09	737.09	737.09	737.08	737.08
2,890.000	737.08	737.08	737.08	737.08	737.07
2,900.000	737.07	737.07	737.07	737.07	737.07
2,910.000	737.07	737.06	737.06	737.06	737.06
2,920.000	737.06	737.06	737.05	737.05	737.05
2,930.000	737.05	737.05	737.05	737.05	737.04
2,940.000	737.04	737.04	737.04	737.04	737.04
2,950.000	737.04	737.03	737.03	737.03	737.03
2,960.000	737.03	737.03	737.03	737.02	737.02
2,970.000	737.02	737.02	737.02	737.02	737.02
2,980.000	737.01	737.01	737.01	737.01	737.01
2,990.000	737.01	737.01	737.00	737.00	737.00
3,000.000	737.00	737.00	737.00	736.99	736.99
3,010.000	736.99	736.99	736.99	736.99	736.99
3,020.000	736.99	736.98	736.98	736.98	736.98
3,030.000	736.98	736.98	736.98	736.97	736.97
3,040.000	736.97	736.97	736.97	736.97	736.97
3,050.000	736.96	736.96	736.96	736.96	736.96
3,060.000	736.96	736.96	736.95	736.95	736.95
3,070.000	736.95	736.95	736.95	736.95	736.94
3,080.000	736.94	736.94	736.94	736.94	736.94
3,090.000	736.94	736.94	736.93	736.93	736.93
3,100.000	736.93	736.93	736.93	736.93	736.92
3,110.000	736.92	736.92	736.92	736.92	736.92
3,120.000	736.92	736.91	736.91	736.91	736.91
3,130.000	736.91	736.91	736.91	736.91	736.90
3,140.000	736.90	736.90	736.90	736.90	736.90
3,150.000	736.90	736.90	736.89	736.89	736.89
3,160.000	736.89	736.89	736.89	736.89	736.88
3,170.000	736.88	736.88	736.88	736.88	736.88
3,180.000	736.88	736.88	736.87	736.87	736.87
3,190.000	736.87	736.87	736.87	736.87	736.87
3,200.000	736.86	736.86	736.86	736.86	736.86
3,210.000	736.86	736.86	736.85	736.85	736.85
3,220.000	736.85	736.85	736.85	736.85	736.85
3,230.000	736.84	736.84	736.84	736.84	736.84
3,240.000	736.84	736.84	736.84	736.83	736.83
3,250.000	736.83	736.83	736.83	736.83	736.83
3,260.000	736.83	736.82	736.82	736.82	736.82

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3,270.000	736.82	736.82	736.82	736.82	736.82
3,280.000	736.81	736.81	736.81	736.81	736.81
3,290.000	736.81	736.81	736.81	736.80	736.80
3,300.000	736.80	736.80	736.80	736.80	736.80
3,310.000	736.80	736.79	736.79	736.79	736.79
3,320.000	736.79	736.79	736.79	736.79	736.78
3,330.000	736.78	736.78	736.78	736.78	736.78
3,340.000	736.78	736.78	736.78	736.77	736.77
3,350.000	736.77	736.77	736.77	736.77	736.77
3,360.000	736.77	736.76	736.76	736.76	736.76
3,370.000	736.76	736.76	736.76	736.76	736.76
3,380.000	736.75	736.75	736.75	736.75	736.75
3,390.000	736.75	736.75	736.75	736.75	736.74
3,400.000	736.74	736.74	736.74	736.74	736.74
3,410.000	736.74	736.74	736.73	736.73	736.73
3,420.000	736.73	736.73	736.73	736.73	736.73
3,430.000	736.73	736.72	736.72	736.72	736.72
3,440.000	736.72	736.72	736.72	736.72	736.71
3,450.000	736.71	736.71	736.71	736.71	736.70
3,460.000	736.70	736.70	736.70	736.70	736.70
3,470.000	736.69	736.69	736.69	736.69	736.69
3,480.000	736.69	736.68	736.68	736.68	736.68
3,490.000	736.68	736.68	736.67	736.67	736.67
3,500.000	736.67	736.67	736.67	736.66	736.66
3,510.000	736.66	736.66	736.66	736.66	736.65
3,520.000	736.65	736.65	736.65	736.65	736.65
3,530.000	736.64	736.64	736.64	736.64	736.64
3,540.000	736.64	736.63	736.63	736.63	736.63
3,550.000	736.63	736.63	736.62	736.62	736.62
3,560.000	736.62	736.62	736.62	736.61	736.61
3,570.000	736.61	736.61	736.61	736.61	736.60
3,580.000	736.60	736.60	736.60	736.60	736.60
3,590.000	736.60	736.59	736.59	736.59	736.59
3,600.000	736.59	736.59	736.58	736.58	736.58
3,610.000	736.58	736.58	736.58	736.58	736.57
3,620.000	736.57	736.57	736.57	736.57	736.57
3,630.000	736.56	736.56	736.56	736.56	736.56
3,640.000	736.56	736.56	736.55	736.55	736.55
3,650.000	736.55	736.55	736.55	736.54	736.54
3,660.000	736.54	736.54	736.54	736.54	736.54
3,670.000	736.53	736.53	736.53	736.53	736.53

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation   Return Event: 100 years
Label: WQV2 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3,680.000	736.53	736.53	736.52	736.52	736.52
3,690.000	736.52	736.52	736.52	736.51	736.51
3,700.000	736.51	736.51	736.51	736.51	736.51
3,710.000	736.50	736.50	736.50	736.50	736.50
3,720.000	736.50	736.50	736.49	736.49	736.49
3,730.000	736.49	736.49	736.49	736.49	736.48
3,740.000	736.48	736.48	736.48	736.48	736.48
3,750.000	736.48	736.47	736.47	736.47	736.47
3,760.000	736.47	736.47	736.47	736.46	736.46
3,770.000	736.46	736.46	736.46	736.46	736.46
3,780.000	736.45	736.45	736.45	736.45	736.45
3,790.000	736.45	736.45	736.45	736.44	736.44
3,800.000	736.44	736.44	736.44	736.44	736.44
3,810.000	736.43	736.43	736.43	736.43	736.43
3,820.000	736.43	736.43	736.42	736.42	736.42
3,830.000	736.42	736.42	736.42	736.42	736.42
3,840.000	736.41	736.41	736.41	736.41	736.41
3,850.000	736.41	736.41	736.41	736.40	736.40
3,860.000	736.40	736.40	736.40	736.40	736.40
3,870.000	736.39	736.39	736.39	736.39	736.39
3,880.000	736.39	736.39	736.39	736.38	736.38
3,890.000	736.38	736.38	736.38	736.38	736.38
3,900.000	736.38	736.37	736.37	736.37	736.37
3,910.000	736.37	736.37	736.37	736.37	736.36
3,920.000	736.36	736.36	736.36	736.36	736.36
3,930.000	736.36	736.36	736.35	736.35	736.35
3,940.000	736.35	736.35	736.35	736.35	736.35
3,950.000	736.34	736.34	736.34	736.34	736.34
3,960.000	736.34	736.34	736.34	736.33	736.33
3,970.000	736.33	736.33	736.33	736.33	736.33
3,980.000	736.33	736.32	736.32	736.32	736.32
3,990.000	736.32	736.32	736.32	736.32	736.32
4,000.000	736.31	736.31	736.31	736.31	736.31
4,010.000	736.31	736.31	736.31	736.30	736.30
4,020.000	736.30	736.30	736.30	736.30	736.30
4,030.000	736.30	736.30	736.29	736.29	736.29
4,040.000	736.29	736.29	736.29	736.29	736.29
4,050.000	736.28	736.28	736.28	736.28	736.28
4,060.000	736.28	736.28	736.28	736.28	736.27
4,070.000	736.27	736.27	736.27	736.27	736.27
4,080.000	736.27	736.27	736.27	736.26	736.26

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,090.000	736.26	736.26	736.26	736.26	736.26
4,100.000	736.26	736.26	736.25	736.25	736.25
4,110.000	736.25	736.25	736.25	736.25	736.25
4,120.000	736.25	736.24	736.24	736.24	736.24
4,130.000	736.24	736.24	736.24	736.24	736.24
4,140.000	736.23	736.23	736.23	736.23	736.23
4,150.000	736.23	736.23	736.23	736.23	736.23
4,160.000	736.22	736.22	736.22	736.22	736.22
4,170.000	736.22	736.22	736.22	736.21	736.21
4,180.000	736.21	736.21	736.21	736.21	736.21
4,190.000	736.20	736.20	736.20	736.20	736.20
4,200.000	736.20	736.20	736.20	736.19	736.19
4,210.000	736.19	736.19	736.19	736.19	736.19
4,220.000	736.18	736.18	736.18	736.18	736.18
4,230.000	736.18	736.18	736.17	736.17	736.17
4,240.000	736.17	736.17	736.17	736.17	736.16
4,250.000	736.16	736.16	736.16	736.16	736.16
4,260.000	736.16	736.15	736.15	736.15	736.15
4,270.000	736.15	736.15	736.15	736.15	736.14
4,280.000	736.14	736.14	736.14	736.14	736.14
4,290.000	736.14	736.13	736.13	736.13	736.13
4,300.000	736.13	736.13	736.13	736.12	736.12
4,310.000	736.12	736.12	736.12	736.12	736.12
4,320.000	736.11	736.11	736.11	736.11	736.11
4,330.000	736.11	736.11	736.10	736.10	736.10
4,340.000	736.10	736.10	736.10	736.10	736.10
4,350.000	736.09	736.09	736.09	736.09	736.09
4,360.000	736.09	736.09	736.08	736.08	736.08
4,370.000	736.08	736.08	736.08	736.08	736.07
4,380.000	736.07	736.07	736.07	736.07	736.07
4,390.000	736.07	736.06	736.06	736.06	736.06
4,400.000	736.06	736.06	736.06	736.05	736.05
4,410.000	736.05	736.05	736.05	736.05	736.05
4,420.000	736.05	736.04	736.04	736.04	736.04
4,430.000	736.04	736.04	736.04	736.03	736.03
4,440.000	736.03	736.03	736.03	736.03	736.03
4,450.000	736.02	736.02	736.02	736.02	736.02
4,460.000	736.02	736.02	736.01	736.01	736.01
4,470.000	736.01	736.01	736.01	736.01	736.00
4,480.000	736.00	736.00	736.00	736.00	736.00
4,490.000	736.00	736.00	735.99	735.99	735.99

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,500.000	735.99	735.99	735.99	735.99	735.98
4,510.000	735.98	735.98	735.98	735.98	735.98
4,520.000	735.98	735.97	735.97	735.97	735.97
4,530.000	735.97	735.97	735.97	735.96	735.96
4,540.000	735.96	735.96	735.96	735.96	735.96
4,550.000	735.95	735.95	735.95	735.95	735.95
4,560.000	735.95	735.95	735.95	735.94	735.94
4,570.000	735.94	735.94	735.94	735.94	735.94
4,580.000	735.93	735.93	735.93	735.93	735.93
4,590.000	735.93	735.93	735.92	735.92	735.92
4,600.000	735.92	735.92	735.92	735.92	735.91
4,610.000	735.91	735.91	735.91	735.91	735.91
4,620.000	735.91	735.90	735.90	735.90	735.90
4,630.000	735.90	735.90	735.90	735.90	735.89
4,640.000	735.89	735.89	735.89	735.89	735.89
4,650.000	735.89	735.88	735.88	735.88	735.88
4,660.000	735.88	735.88	735.88	735.87	735.87
4,670.000	735.87	735.87	735.87	735.87	735.87
4,680.000	735.86	735.86	735.86	735.86	735.86
4,690.000	735.86	735.86	735.85	735.85	735.85
4,700.000	735.85	735.85	735.85	735.85	735.85
4,710.000	735.84	735.84	735.84	735.84	735.84
4,720.000	735.84	735.84	735.83	735.83	735.83
4,730.000	735.83	735.83	735.83	735.83	735.82
4,740.000	735.82	735.82	735.82	735.82	735.82
4,750.000	735.82	735.81	735.81	735.81	735.81
4,760.000	735.81	735.81	735.81	735.80	735.80
4,770.000	735.80	735.80	735.80	735.80	735.80
4,780.000	735.80	735.79	735.79	735.79	735.79
4,790.000	735.79	735.79	735.79	735.78	735.78
4,800.000	735.78	735.78	735.78	735.78	735.78
4,810.000	735.77	735.77	735.77	735.77	735.77
4,820.000	735.77	735.77	735.76	735.76	735.76
4,830.000	735.76	735.76	735.76	735.76	735.75
4,840.000	735.75	735.75	735.75	735.75	735.75
4,850.000	735.75	735.75	735.74	735.74	735.74
4,860.000	735.74	735.74	735.74	735.74	735.73
4,870.000	735.73	735.73	735.73	735.73	735.73
4,880.000	735.73	735.72	735.72	735.72	735.72
4,890.000	735.72	735.72	735.72	735.71	735.71
4,900.000	735.71	735.71	735.71	735.71	735.71

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,910.000	735.70	735.70	735.70	735.70	735.70
4,920.000	735.70	735.70	735.70	735.69	735.69
4,930.000	735.69	735.69	735.69	735.69	735.69
4,940.000	735.68	735.68	735.68	735.68	735.68
4,950.000	735.68	735.68	735.67	735.67	735.67
4,960.000	735.67	735.67	735.67	735.67	735.66
4,970.000	735.66	735.66	735.66	735.66	735.66
4,980.000	735.66	735.65	735.65	735.65	735.65
4,990.000	735.65	735.65	735.65	735.65	735.64
5,000.000	735.64	735.64	735.64	735.64	735.64
5,010.000	735.64	735.63	735.63	735.63	735.63
5,020.000	735.63	735.63	735.63	735.62	735.62
5,030.000	735.62	735.62	735.62	735.62	735.62
5,040.000	735.61	735.61	735.61	735.61	735.61
5,050.000	735.61	735.61	735.60	735.60	735.60
5,060.000	735.60	735.60	735.60	735.60	735.60
5,070.000	735.59	735.59	735.59	735.59	735.59
5,080.000	735.59	735.59	735.58	735.58	735.58
5,090.000	735.58	735.58	735.58	735.58	735.57
5,100.000	735.57	735.57	735.57	735.57	735.57
5,110.000	735.57	735.56	735.56	735.56	735.56
5,120.000	735.56	735.56	735.56	735.55	735.55
5,130.000	735.55	735.55	735.55	735.55	735.55
5,140.000	735.55	735.54	735.54	735.54	735.54
5,150.000	735.54	735.54	735.54	735.53	735.53
5,160.000	735.53	735.53	735.53	735.53	735.53
5,170.000	735.52	735.52	735.52	735.52	735.52
5,180.000	735.52	735.52	735.51	735.51	735.51
5,190.000	735.51	735.51	735.51	735.51	735.50
5,200.000	735.50	735.50	735.50	735.50	735.50
5,210.000	735.50	735.50	735.49	735.49	735.49
5,220.000	735.49	735.49	735.49	735.49	735.48
5,230.000	735.48	735.48	735.48	735.48	735.48
5,240.000	735.48	735.47	735.47	735.47	735.47
5,250.000	735.47	735.47	735.47	735.46	735.46
5,260.000	735.46	735.46	735.46	735.46	735.46
5,270.000	735.45	735.45	735.45	735.45	735.45
5,280.000	735.45	735.45	735.45	735.44	735.44
5,290.000	735.44	735.44	735.44	735.44	735.44
5,300.000	735.43	735.43	735.43	735.43	735.43
5,310.000	735.43	735.43	735.42	735.42	735.42

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5,320.000	735.42	735.42	735.42	735.42	735.41
5,330.000	735.41	735.41	735.41	735.41	735.41
5,340.000	735.41	735.40	735.40	735.40	735.40
5,350.000	735.40	735.40	735.40	735.40	735.39
5,360.000	735.39	735.39	735.39	735.39	735.39
5,370.000	735.39	735.38	735.38	735.38	735.38
5,380.000	735.38	735.38	735.38	735.37	735.37
5,390.000	735.37	735.37	735.37	735.37	735.37
5,400.000	735.36	735.36	735.36	735.36	735.36
5,410.000	735.36	735.36	735.35	735.35	735.35
5,420.000	735.35	735.35	735.35	735.35	735.35
5,430.000	735.34	735.34	735.34	735.34	735.34
5,440.000	735.34	735.34	735.33	735.33	735.33
5,450.000	735.33	735.33	735.33	735.33	735.32
5,460.000	735.32	735.32	735.32	735.32	735.32
5,470.000	735.32	735.31	735.31	735.31	735.31
5,480.000	735.31	735.31	735.31	735.30	735.30
5,490.000	735.30	735.30	735.30	735.30	735.30
5,500.000	735.30	735.29	735.29	735.29	735.29
5,510.000	735.29	735.29	735.29	735.28	735.28
5,520.000	735.28	735.28	735.28	735.28	735.28
5,530.000	735.27	735.27	735.27	735.27	735.27
5,540.000	735.27	735.27	735.26	735.26	735.26
5,550.000	735.26	735.26	735.26	735.26	735.25
5,560.000	735.25	735.25	735.25	735.25	735.25
5,570.000	735.25	735.25	735.24	735.24	735.24
5,580.000	735.24	735.24	735.24	735.24	735.23
5,590.000	735.23	735.23	735.23	735.23	735.23
5,600.000	735.23	735.22	735.22	735.22	735.22
5,610.000	735.22	735.22	735.22	735.21	735.21
5,620.000	735.21	735.21	735.21	735.21	735.21
5,630.000	735.21	735.20	735.20	735.20	735.20
5,640.000	735.20	735.20	735.20	735.19	735.19
5,650.000	735.19	735.19	735.19	735.19	735.19
5,660.000	735.19	735.18	735.18	735.18	735.18
5,670.000	735.18	735.18	735.18	735.18	735.17
5,680.000	735.17	735.17	735.17	735.17	735.17
5,690.000	735.17	735.17	735.16	735.16	735.16
5,700.000	735.16	735.16	735.16	735.16	735.16
5,710.000	735.15	735.15	735.15	735.15	735.15
5,720.000	735.15	735.15	735.15	735.14	735.14

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5,730.000	735.14	735.14	735.14	735.14	735.14
5,740.000	735.14	735.14	735.13	735.13	735.13
5,750.000	735.13	735.13	735.13	735.13	735.13
5,760.000	735.13	(N/A)	(N/A)	(N/A)	(N/A)

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV3 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	734.38	734.38	734.38	734.38	734.38
10.000	734.38	734.38	734.38	734.38	734.38
20.000	734.38	734.38	734.38	734.38	734.38
30.000	734.38	734.38	734.38	734.38	734.38
40.000	734.38	734.38	734.38	734.38	734.38
50.000	734.38	734.38	734.38	734.38	734.38
60.000	734.38	734.38	734.38	734.38	734.38
70.000	734.38	734.38	734.38	734.38	734.38
80.000	734.38	734.38	734.38	734.38	734.38
90.000	734.38	734.38	734.38	734.38	734.38
100.000	734.38	734.38	734.38	734.38	734.38
110.000	734.38	734.38	734.38	734.38	734.38
120.000	734.38	734.38	734.38	734.38	734.38
130.000	734.38	734.38	734.38	734.38	734.38
140.000	734.38	734.38	734.38	734.38	734.38
150.000	734.38	734.38	734.39	734.39	734.39
160.000	734.39	734.39	734.39	734.39	734.39
170.000	734.39	734.39	734.39	734.39	734.39
180.000	734.40	734.40	734.40	734.40	734.40
190.000	734.40	734.40	734.40	734.40	734.40
200.000	734.41	734.41	734.41	734.41	734.41
210.000	734.41	734.41	734.41	734.42	734.42
220.000	734.42	734.42	734.42	734.42	734.42
230.000	734.43	734.43	734.43	734.43	734.43
240.000	734.43	734.44	734.44	734.44	734.44
250.000	734.44	734.44	734.45	734.45	734.45
260.000	734.45	734.45	734.45	734.46	734.46
270.000	734.46	734.46	734.46	734.47	734.47
280.000	734.47	734.47	734.48	734.48	734.48
290.000	734.48	734.48	734.49	734.49	734.49
300.000	734.49	734.50	734.50	734.50	734.50
310.000	734.51	734.51	734.51	734.51	734.52
320.000	734.52	734.52	734.52	734.53	734.53
330.000	734.53	734.53	734.54	734.54	734.54
340.000	734.55	734.55	734.55	734.55	734.56
350.000	734.56	734.56	734.57	734.57	734.57
360.000	734.58	734.58	734.58	734.58	734.59
370.000	734.59	734.59	734.60	734.60	734.60
380.000	734.61	734.61	734.61	734.62	734.62
390.000	734.62	734.63	734.63	734.63	734.64

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV3 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
400.000	734.64	734.64	734.65	734.65	734.66
410.000	734.66	734.66	734.67	734.67	734.67
420.000	734.68	734.68	734.69	734.69	734.69
430.000	734.70	734.70	734.70	734.71	734.71
440.000	734.72	734.72	734.72	734.73	734.73
450.000	734.74	734.74	734.74	734.75	734.75
460.000	734.76	734.76	734.77	734.77	734.77
470.000	734.78	734.78	734.79	734.79	734.79
480.000	734.80	734.80	734.81	734.81	734.82
490.000	734.82	734.83	734.83	734.84	734.84
500.000	734.85	734.85	734.86	734.86	734.87
510.000	734.87	734.88	734.88	734.89	734.89
520.000	734.90	734.90	734.91	734.92	734.92
530.000	734.93	734.94	734.94	734.95	734.96
540.000	734.96	734.97	734.98	734.98	734.99
550.000	735.00	735.01	735.01	735.02	735.03
560.000	735.04	735.04	735.05	735.06	735.07
570.000	735.07	735.08	735.09	735.10	735.10
580.000	735.11	735.12	735.13	735.14	735.15
590.000	735.15	735.16	735.17	735.18	735.19
600.000	735.20	735.21	735.22	735.23	735.24
610.000	735.25	735.26	735.27	735.28	735.29
620.000	735.31	735.32	735.33	735.34	735.35
630.000	735.37	735.38	735.39	735.41	735.42
640.000	735.44	735.45	735.47	735.48	735.50
650.000	735.51	735.53	735.55	735.57	735.59
660.000	735.60	735.62	735.64	735.66	735.68
670.000	735.71	735.73	735.75	735.78	735.80
680.000	735.83	735.85	735.88	735.90	735.93
690.000	735.95	735.98	736.00	736.04	736.08
700.000	736.13	736.20	736.28	736.38	736.45
710.000	736.55	736.65	736.79	736.93	737.08
720.000	737.22	737.36	737.49	737.59	737.68
730.000	737.74	737.77	737.77	737.77	737.77
740.000	737.77	737.77	737.77	737.77	737.77
750.000	737.77	737.77	737.76	737.76	737.76
760.000	737.76	737.76	737.76	737.76	737.76
770.000	737.76	737.76	737.76	737.76	737.76
780.000	737.76	737.76	737.76	737.76	737.76
790.000	737.76	737.76	737.76	737.76	737.76
800.000	737.76	737.76	737.76	737.76	737.76

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation | Return Event: 100 years
Label: WQV3 (IN) | Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
810.000	737.76	737.76	737.76	737.76	737.76
820.000	737.76	737.76	737.76	737.76	737.76
830.000	737.76	737.76	737.76	737.76	737.76
840.000	737.76	737.76	737.76	737.76	737.76
850.000	737.76	737.76	737.76	737.76	737.76
860.000	737.76	737.76	737.76	737.76	737.76
870.000	737.76	737.76	737.76	737.76	737.76
880.000	737.76	737.76	737.76	737.76	737.76
890.000	737.76	737.76	737.76	737.76	737.76
900.000	737.76	737.76	737.76	737.76	737.76
910.000	737.76	737.76	737.76	737.76	737.76
920.000	737.76	737.76	737.76	737.76	737.76
930.000	737.76	737.76	737.76	737.76	737.76
940.000	737.76	737.76	737.76	737.76	737.76
950.000	737.76	737.76	737.76	737.76	737.76
960.000	737.76	737.76	737.76	737.76	737.76
970.000	737.76	737.76	737.76	737.76	737.76
980.000	737.76	737.76	737.76	737.76	737.76
990.000	737.76	737.76	737.76	737.76	737.76
1,000.000	737.76	737.76	737.76	737.76	737.76
1,010.000	737.76	737.76	737.76	737.76	737.76
1,020.000	737.76	737.76	737.76	737.76	737.76
1,030.000	737.76	737.76	737.76	737.76	737.76
1,040.000	737.76	737.76	737.76	737.76	737.76
1,050.000	737.76	737.76	737.76	737.76	737.76
1,060.000	737.76	737.76	737.76	737.76	737.76
1,070.000	737.76	737.76	737.76	737.76	737.76
1,080.000	737.76	737.76	737.76	737.76	737.76
1,090.000	737.76	737.76	737.76	737.76	737.76
1,100.000	737.76	737.76	737.76	737.76	737.76
1,110.000	737.76	737.76	737.76	737.76	737.76
1,120.000	737.76	737.76	737.76	737.76	737.76
1,130.000	737.76	737.76	737.76	737.76	737.76
1,140.000	737.76	737.76	737.76	737.76	737.76
1,150.000	737.76	737.76	737.76	737.76	737.76
1,160.000	737.76	737.76	737.76	737.76	737.76
1,170.000	737.76	737.76	737.76	737.76	737.76
1,180.000	737.76	737.76	737.76	737.76	737.76
1,190.000	737.76	737.76	737.76	737.76	737.76
1,200.000	737.76	737.76	737.76	737.76	737.76
1,210.000	737.76	737.76	737.76	737.76	737.76

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV3 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
1,220.000	737.76	737.76	737.76	737.76	737.76
1,230.000	737.76	737.76	737.76	737.76	737.76
1,240.000	737.76	737.76	737.76	737.76	737.76
1,250.000	737.76	737.76	737.76	737.76	737.76
1,260.000	737.76	737.76	737.76	737.76	737.76
1,270.000	737.76	737.76	737.76	737.76	737.76
1,280.000	737.76	737.76	737.76	737.76	737.76
1,290.000	737.76	737.76	737.76	737.76	737.76
1,300.000	737.76	737.76	737.76	737.76	737.76
1,310.000	737.76	737.76	737.76	737.76	737.76
1,320.000	737.76	737.76	737.76	737.76	737.76
1,330.000	737.76	737.76	737.76	737.76	737.76
1,340.000	737.76	737.76	737.76	737.76	737.76
1,350.000	737.76	737.76	737.76	737.76	737.76
1,360.000	737.76	737.76	737.76	737.76	737.76
1,370.000	737.76	737.76	737.76	737.76	737.76
1,380.000	737.76	737.76	737.76	737.76	737.76
1,390.000	737.76	737.76	737.76	737.76	737.76
1,400.000	737.76	737.76	737.76	737.76	737.76
1,410.000	737.76	737.76	737.76	737.76	737.76
1,420.000	737.76	737.76	737.76	737.76	737.76
1,430.000	737.76	737.76	737.76	737.76	737.76
1,440.000	737.76	737.76	737.76	737.76	737.76
1,450.000	737.76	737.76	737.76	737.75	737.75
1,460.000	737.75	737.75	737.75	737.75	737.75
1,470.000	737.74	737.74	737.74	737.74	737.74
1,480.000	737.74	737.74	737.74	737.73	737.73
1,490.000	737.73	737.73	737.73	737.73	737.73
1,500.000	737.72	737.72	737.72	737.72	737.72
1,510.000	737.72	737.72	737.71	737.71	737.71
1,520.000	737.71	737.71	737.71	737.71	737.70
1,530.000	737.70	737.70	737.70	737.70	737.70
1,540.000	737.70	737.70	737.69	737.69	737.69
1,550.000	737.69	737.69	737.69	737.69	737.68
1,560.000	737.68	737.68	737.68	737.68	737.68
1,570.000	737.68	737.67	737.67	737.67	737.67
1,580.000	737.67	737.67	737.67	737.66	737.66
1,590.000	737.66	737.66	737.66	737.66	737.66
1,600.000	737.65	737.65	737.65	737.65	737.65
1,610.000	737.65	737.65	737.64	737.64	737.64
1,620.000	737.64	737.64	737.64	737.64	737.64

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV3 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
1,630.000	737.63	737.63	737.63	737.63	737.63
1,640.000	737.63	737.63	737.62	737.62	737.62
1,650.000	737.62	737.62	737.62	737.62	737.61
1,660.000	737.61	737.61	737.61	737.61	737.61
1,670.000	737.61	737.60	737.60	737.60	737.60
1,680.000	737.60	737.60	737.60	737.59	737.59
1,690.000	737.59	737.59	737.59	737.59	737.59
1,700.000	737.59	737.58	737.58	737.58	737.58
1,710.000	737.58	737.58	737.58	737.57	737.57
1,720.000	737.57	737.57	737.57	737.57	737.57
1,730.000	737.56	737.56	737.56	737.56	737.56
1,740.000	737.56	737.56	737.55	737.55	737.55
1,750.000	737.55	737.55	737.55	737.55	737.54
1,760.000	737.54	737.54	737.54	737.54	737.54
1,770.000	737.54	737.54	737.53	737.53	737.53
1,780.000	737.53	737.53	737.53	737.53	737.52
1,790.000	737.52	737.52	737.52	737.52	737.52
1,800.000	737.52	737.51	737.51	737.51	737.51
1,810.000	737.51	737.51	737.51	737.50	737.50
1,820.000	737.50	737.50	737.50	737.50	737.50
1,830.000	737.49	737.49	737.49	737.49	737.49
1,840.000	737.49	737.49	737.49	737.48	737.48
1,850.000	737.48	737.48	737.48	737.48	737.48
1,860.000	737.47	737.47	737.47	737.47	737.47
1,870.000	737.47	737.47	737.46	737.46	737.46
1,880.000	737.46	737.46	737.46	737.46	737.45
1,890.000	737.45	737.45	737.45	737.45	737.45
1,900.000	737.45	737.45	737.44	737.44	737.44
1,910.000	737.44	737.44	737.44	737.44	737.43
1,920.000	737.43	737.43	737.43	737.43	737.43
1,930.000	737.43	737.42	737.42	737.42	737.42
1,940.000	737.42	737.42	737.42	737.41	737.41
1,950.000	737.41	737.41	737.41	737.41	737.41
1,960.000	737.40	737.40	737.40	737.40	737.40
1,970.000	737.40	737.40	737.39	737.39	737.39
1,980.000	737.39	737.39	737.39	737.39	737.39
1,990.000	737.38	737.38	737.38	737.38	737.38
2,000.000	737.38	737.38	737.37	737.37	737.37
2,010.000	737.37	737.37	737.37	737.37	737.36
2,020.000	737.36	737.36	737.36	737.36	737.36
2,030.000	737.36	737.35	737.35	737.35	737.35

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV3 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,040.000	737.35	737.35	737.35	737.34	737.34
2,050.000	737.34	737.34	737.34	737.34	737.34
2,060.000	737.34	737.33	737.33	737.33	737.33
2,070.000	737.33	737.33	737.33	737.32	737.32
2,080.000	737.32	737.32	737.32	737.32	737.32
2,090.000	737.31	737.31	737.31	737.31	737.31
2,100.000	737.31	737.31	737.30	737.30	737.30
2,110.000	737.30	737.30	737.30	737.30	737.29
2,120.000	737.29	737.29	737.29	737.29	737.29
2,130.000	737.29	737.29	737.28	737.28	737.28
2,140.000	737.28	737.28	737.28	737.28	737.27
2,150.000	737.27	737.27	737.27	737.27	737.27
2,160.000	737.27	737.26	737.26	737.26	737.26
2,170.000	737.26	737.26	737.26	737.25	737.25
2,180.000	737.25	737.25	737.25	737.25	737.25
2,190.000	737.24	737.24	737.24	737.24	737.24
2,200.000	737.24	737.24	737.24	737.23	737.23
2,210.000	737.23	737.23	737.23	737.23	737.23
2,220.000	737.22	737.22	737.22	737.22	737.22
2,230.000	737.22	737.22	737.21	737.21	737.21
2,240.000	737.21	737.21	737.21	737.21	737.20
2,250.000	737.20	737.20	737.20	737.20	737.20
2,260.000	737.20	737.20	737.19	737.19	737.19
2,270.000	737.19	737.19	737.19	737.19	737.18
2,280.000	737.18	737.18	737.18	737.18	737.18
2,290.000	737.18	737.17	737.17	737.17	737.17
2,300.000	737.17	737.17	737.17	737.16	737.16
2,310.000	737.16	737.16	737.16	737.16	737.16
2,320.000	737.15	737.15	737.15	737.15	737.15
2,330.000	737.15	737.15	737.14	737.14	737.14
2,340.000	737.14	737.14	737.14	737.14	737.14
2,350.000	737.13	737.13	737.13	737.13	737.13
2,360.000	737.13	737.13	737.12	737.12	737.12
2,370.000	737.12	737.12	737.12	737.12	737.11
2,380.000	737.11	737.11	737.11	737.11	737.11
2,390.000	737.11	737.10	737.10	737.10	737.10
2,400.000	737.10	737.10	737.10	737.09	737.09
2,410.000	737.09	737.09	737.09	737.09	737.09
2,420.000	737.09	737.08	737.08	737.08	737.08
2,430.000	737.08	737.08	737.08	737.07	737.07
2,440.000	737.07	737.07	737.07	737.07	737.07

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV3 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,450.000	737.06	737.06	737.06	737.06	737.06
2,460.000	737.06	737.06	737.05	737.05	737.05
2,470.000	737.05	737.05	737.05	737.05	737.04
2,480.000	737.04	737.04	737.04	737.04	737.04
2,490.000	737.04	737.04	737.03	737.03	737.03
2,500.000	737.03	737.03	737.03	737.03	737.02
2,510.000	737.02	737.02	737.02	737.02	737.02
2,520.000	737.02	737.01	737.01	737.01	737.01
2,530.000	737.01	737.01	737.01	737.00	737.00
2,540.000	737.00	737.00	737.00	737.00	737.00
2,550.000	736.99	736.99	736.99	736.99	736.99
2,560.000	736.99	736.99	736.99	736.98	736.98
2,570.000	736.98	736.98	736.98	736.98	736.98
2,580.000	736.97	736.97	736.97	736.97	736.97
2,590.000	736.97	736.97	736.96	736.96	736.96
2,600.000	736.96	736.96	736.96	736.96	736.95
2,610.000	736.95	736.95	736.95	736.95	736.95
2,620.000	736.95	736.95	736.94	736.94	736.94
2,630.000	736.94	736.94	736.94	736.94	736.93
2,640.000	736.93	736.93	736.93	736.93	736.93
2,650.000	736.93	736.92	736.92	736.92	736.92
2,660.000	736.92	736.92	736.92	736.91	736.91
2,670.000	736.91	736.91	736.91	736.91	736.91
2,680.000	736.90	736.90	736.90	736.90	736.90
2,690.000	736.90	736.90	736.89	736.89	736.89
2,700.000	736.89	736.89	736.89	736.89	736.89
2,710.000	736.88	736.88	736.88	736.88	736.88
2,720.000	736.88	736.87	736.87	736.87	736.87
2,730.000	736.87	736.87	736.86	736.86	736.86
2,740.000	736.86	736.86	736.86	736.85	736.85
2,750.000	736.85	736.85	736.85	736.85	736.84
2,760.000	736.84	736.84	736.84	736.84	736.84
2,770.000	736.84	736.83	736.83	736.83	736.83
2,780.000	736.83	736.83	736.82	736.82	736.82
2,790.000	736.82	736.82	736.82	736.81	736.81
2,800.000	736.81	736.81	736.81	736.81	736.80
2,810.000	736.80	736.80	736.80	736.80	736.80
2,820.000	736.79	736.79	736.79	736.79	736.79
2,830.000	736.79	736.79	736.78	736.78	736.78
2,840.000	736.78	736.78	736.78	736.77	736.77
2,850.000	736.77	736.77	736.77	736.77	736.77

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV3 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,860.000	736.76	736.76	736.76	736.76	736.76
2,870.000	736.76	736.75	736.75	736.75	736.75
2,880.000	736.75	736.75	736.75	736.74	736.74
2,890.000	736.74	736.74	736.74	736.74	736.73
2,900.000	736.73	736.73	736.73	736.73	736.73
2,910.000	736.73	736.72	736.72	736.72	736.72
2,920.000	736.72	736.72	736.71	736.71	736.71
2,930.000	736.71	736.71	736.71	736.71	736.70
2,940.000	736.70	736.70	736.70	736.70	736.70
2,950.000	736.70	736.69	736.69	736.69	736.69
2,960.000	736.69	736.69	736.69	736.68	736.68
2,970.000	736.68	736.68	736.68	736.68	736.68
2,980.000	736.67	736.67	736.67	736.67	736.67
2,990.000	736.67	736.67	736.66	736.66	736.66
3,000.000	736.66	736.66	736.66	736.66	736.65
3,010.000	736.65	736.65	736.65	736.65	736.65
3,020.000	736.65	736.64	736.64	736.64	736.64
3,030.000	736.64	736.64	736.64	736.63	736.63
3,040.000	736.63	736.63	736.63	736.63	736.63
3,050.000	736.62	736.62	736.62	736.62	736.62
3,060.000	736.62	736.62	736.61	736.61	736.61
3,070.000	736.61	736.61	736.61	736.61	736.60
3,080.000	736.60	736.60	736.60	736.60	736.60
3,090.000	736.60	736.60	736.59	736.59	736.59
3,100.000	736.59	736.59	736.59	736.59	736.58
3,110.000	736.58	736.58	736.58	736.58	736.58
3,120.000	736.58	736.57	736.57	736.57	736.57
3,130.000	736.57	736.57	736.57	736.57	736.56
3,140.000	736.56	736.56	736.56	736.56	736.56
3,150.000	736.56	736.56	736.55	736.55	736.55
3,160.000	736.55	736.55	736.55	736.55	736.54
3,170.000	736.54	736.54	736.54	736.54	736.54
3,180.000	736.54	736.54	736.53	736.53	736.53
3,190.000	736.53	736.53	736.53	736.53	736.53
3,200.000	736.52	736.52	736.52	736.52	736.52
3,210.000	736.52	736.52	736.52	736.51	736.51
3,220.000	736.51	736.51	736.51	736.51	736.51
3,230.000	736.50	736.50	736.50	736.50	736.50
3,240.000	736.50	736.50	736.50	736.49	736.49
3,250.000	736.49	736.49	736.49	736.49	736.49
3,260.000	736.49	736.48	736.48	736.48	736.48

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV3 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3,270.000	736.48	736.48	736.48	736.48	736.48
3,280.000	736.47	736.47	736.47	736.47	736.47
3,290.000	736.47	736.47	736.47	736.46	736.46
3,300.000	736.46	736.46	736.46	736.46	736.46
3,310.000	736.46	736.45	736.45	736.45	736.45
3,320.000	736.45	736.45	736.45	736.45	736.44
3,330.000	736.44	736.44	736.44	736.44	736.44
3,340.000	736.44	736.44	736.44	736.43	736.43
3,350.000	736.43	736.43	736.43	736.43	736.43
3,360.000	736.43	736.42	736.42	736.42	736.42
3,370.000	736.42	736.42	736.42	736.42	736.42
3,380.000	736.41	736.41	736.41	736.41	736.41
3,390.000	736.41	736.41	736.41	736.41	736.40
3,400.000	736.40	736.40	736.40	736.40	736.40
3,410.000	736.40	736.40	736.39	736.39	736.39
3,420.000	736.39	736.39	736.39	736.39	736.39
3,430.000	736.39	736.38	736.38	736.38	736.38
3,440.000	736.38	736.38	736.38	736.38	736.37
3,450.000	736.37	736.37	736.37	736.37	736.36
3,460.000	736.36	736.36	736.36	736.36	736.36
3,470.000	736.35	736.35	736.35	736.35	736.35
3,480.000	736.35	736.34	736.34	736.34	736.34
3,490.000	736.34	736.34	736.33	736.33	736.33
3,500.000	736.33	736.33	736.33	736.32	736.32
3,510.000	736.32	736.32	736.32	736.32	736.31
3,520.000	736.31	736.31	736.31	736.31	736.31
3,530.000	736.30	736.30	736.30	736.30	736.30
3,540.000	736.30	736.29	736.29	736.29	736.29
3,550.000	736.29	736.29	736.28	736.28	736.28
3,560.000	736.28	736.28	736.28	736.27	736.27
3,570.000	736.27	736.27	736.27	736.27	736.27
3,580.000	736.26	736.26	736.26	736.26	736.26
3,590.000	736.26	736.25	736.25	736.25	736.25
3,600.000	736.25	736.25	736.24	736.24	736.24
3,610.000	736.24	736.24	736.24	736.24	736.23
3,620.000	736.23	736.23	736.23	736.23	736.23
3,630.000	736.22	736.22	736.22	736.22	736.22
3,640.000	736.22	736.22	736.21	736.21	736.21
3,650.000	736.21	736.21	736.21	736.20	736.20
3,660.000	736.20	736.20	736.20	736.20	736.20
3,670.000	736.19	736.19	736.19	736.19	736.19

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Return Event: 100 years

Label: WQV3 (IN)

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3,680.000	736.19	736.19	736.18	736.18	736.18
3,690.000	736.18	736.18	736.18	736.17	736.17
3,700.000	736.17	736.17	736.17	736.17	736.17
3,710.000	736.16	736.16	736.16	736.16	736.16
3,720.000	736.16	736.16	736.15	736.15	736.15
3,730.000	736.15	736.15	736.15	736.15	736.14
3,740.000	736.14	736.14	736.14	736.14	736.14
3,750.000	736.14	736.13	736.13	736.13	736.13
3,760.000	736.13	736.13	736.13	736.12	736.12
3,770.000	736.12	736.12	736.12	736.12	736.12
3,780.000	736.11	736.11	736.11	736.11	736.11
3,790.000	736.11	736.11	736.11	736.10	736.10
3,800.000	736.10	736.10	736.10	736.10	736.10
3,810.000	736.09	736.09	736.09	736.09	736.09
3,820.000	736.09	736.09	736.09	736.08	736.08
3,830.000	736.08	736.08	736.08	736.08	736.08
3,840.000	736.07	736.07	736.07	736.07	736.07
3,850.000	736.07	736.07	736.07	736.06	736.06
3,860.000	736.06	736.06	736.06	736.06	736.06
3,870.000	736.05	736.05	736.05	736.05	736.05
3,880.000	736.05	736.05	736.05	736.04	736.04
3,890.000	736.04	736.04	736.04	736.04	736.04
3,900.000	736.04	736.03	736.03	736.03	736.03
3,910.000	736.03	736.03	736.03	736.03	736.02
3,920.000	736.02	736.02	736.02	736.02	736.02
3,930.000	736.02	736.02	736.01	736.01	736.01
3,940.000	736.01	736.01	736.01	736.01	736.01
3,950.000	736.00	736.00	736.00	736.00	736.00
3,960.000	736.00	736.00	736.00	735.99	735.99
3,970.000	735.99	735.99	735.99	735.99	735.99
3,980.000	735.99	735.98	735.98	735.98	735.98
3,990.000	735.98	735.98	735.98	735.98	735.98
4,000.000	735.97	735.97	735.97	735.97	735.97
4,010.000	735.97	735.97	735.97	735.96	735.96
4,020.000	735.96	735.96	735.96	735.96	735.96
4,030.000	735.96	735.96	735.95	735.95	735.95
4,040.000	735.95	735.95	735.95	735.95	735.95
4,050.000	735.94	735.94	735.94	735.94	735.94
4,060.000	735.94	735.94	735.94	735.94	735.93
4,070.000	735.93	735.93	735.93	735.93	735.93
4,080.000	735.93	735.93	735.93	735.92	735.92

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV3 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,090.000	735.92	735.92	735.92	735.92	735.92
4,100.000	735.92	735.92	735.91	735.91	735.91
4,110.000	735.91	735.91	735.91	735.91	735.91
4,120.000	735.91	735.90	735.90	735.90	735.90
4,130.000	735.90	735.90	735.90	735.90	735.90
4,140.000	735.90	735.89	735.89	735.89	735.89
4,150.000	735.89	735.89	735.89	735.89	735.89
4,160.000	735.88	735.88	735.88	735.88	735.88
4,170.000	735.88	735.88	735.88	735.87	735.87
4,180.000	735.87	735.87	735.87	735.87	735.87
4,190.000	735.86	735.86	735.86	735.86	735.86
4,200.000	735.86	735.86	735.86	735.85	735.85
4,210.000	735.85	735.85	735.85	735.85	735.85
4,220.000	735.84	735.84	735.84	735.84	735.84
4,230.000	735.84	735.84	735.83	735.83	735.83
4,240.000	735.83	735.83	735.83	735.83	735.82
4,250.000	735.82	735.82	735.82	735.82	735.82
4,260.000	735.82	735.81	735.81	735.81	735.81
4,270.000	735.81	735.81	735.81	735.81	735.80
4,280.000	735.80	735.80	735.80	735.80	735.80
4,290.000	735.80	735.79	735.79	735.79	735.79
4,300.000	735.79	735.79	735.79	735.78	735.78
4,310.000	735.78	735.78	735.78	735.78	735.78
4,320.000	735.77	735.77	735.77	735.77	735.77
4,330.000	735.77	735.77	735.76	735.76	735.76
4,340.000	735.76	735.76	735.76	735.76	735.76
4,350.000	735.75	735.75	735.75	735.75	735.75
4,360.000	735.75	735.75	735.74	735.74	735.74
4,370.000	735.74	735.74	735.74	735.74	735.73
4,380.000	735.73	735.73	735.73	735.73	735.73
4,390.000	735.73	735.72	735.72	735.72	735.72
4,400.000	735.72	735.72	735.72	735.71	735.71
4,410.000	735.71	735.71	735.71	735.71	735.71
4,420.000	735.71	735.70	735.70	735.70	735.70
4,430.000	735.70	735.70	735.70	735.69	735.69
4,440.000	735.69	735.69	735.69	735.69	735.69
4,450.000	735.68	735.68	735.68	735.68	735.68
4,460.000	735.68	735.68	735.67	735.67	735.67
4,470.000	735.67	735.67	735.67	735.67	735.66
4,480.000	735.66	735.66	735.66	735.66	735.66
4,490.000	735.66	735.66	735.65	735.65	735.65

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV3 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,500.000	735.65	735.65	735.65	735.65	735.64
4,510.000	735.64	735.64	735.64	735.64	735.64
4,520.000	735.64	735.63	735.63	735.63	735.63
4,530.000	735.63	735.63	735.63	735.62	735.62
4,540.000	735.62	735.62	735.62	735.62	735.62
4,550.000	735.61	735.61	735.61	735.61	735.61
4,560.000	735.61	735.61	735.61	735.60	735.60
4,570.000	735.60	735.60	735.60	735.60	735.60
4,580.000	735.59	735.59	735.59	735.59	735.59
4,590.000	735.59	735.59	735.58	735.58	735.58
4,600.000	735.58	735.58	735.58	735.58	735.57
4,610.000	735.57	735.57	735.57	735.57	735.57
4,620.000	735.57	735.56	735.56	735.56	735.56
4,630.000	735.56	735.56	735.56	735.56	735.55
4,640.000	735.55	735.55	735.55	735.55	735.55
4,650.000	735.55	735.54	735.54	735.54	735.54
4,660.000	735.54	735.54	735.54	735.53	735.53
4,670.000	735.53	735.53	735.53	735.53	735.53
4,680.000	735.52	735.52	735.52	735.52	735.52
4,690.000	735.52	735.52	735.51	735.51	735.51
4,700.000	735.51	735.51	735.51	735.51	735.51
4,710.000	735.50	735.50	735.50	735.50	735.50
4,720.000	735.50	735.50	735.49	735.49	735.49
4,730.000	735.49	735.49	735.49	735.49	735.48
4,740.000	735.48	735.48	735.48	735.48	735.48
4,750.000	735.48	735.47	735.47	735.47	735.47
4,760.000	735.47	735.47	735.47	735.46	735.46
4,770.000	735.46	735.46	735.46	735.46	735.46
4,780.000	735.46	735.45	735.45	735.45	735.45
4,790.000	735.45	735.45	735.45	735.44	735.44
4,800.000	735.44	735.44	735.44	735.44	735.44
4,810.000	735.43	735.43	735.43	735.43	735.43
4,820.000	735.43	735.43	735.42	735.42	735.42
4,830.000	735.42	735.42	735.42	735.42	735.41
4,840.000	735.41	735.41	735.41	735.41	735.41
4,850.000	735.41	735.41	735.40	735.40	735.40
4,860.000	735.40	735.40	735.40	735.40	735.39
4,870.000	735.39	735.39	735.39	735.39	735.39
4,880.000	735.39	735.38	735.38	735.38	735.38
4,890.000	735.38	735.38	735.38	735.37	735.37
4,900.000	735.37	735.37	735.37	735.37	735.37

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV3 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,910.000	735.36	735.36	735.36	735.36	735.36
4,920.000	735.36	735.36	735.36	735.35	735.35
4,930.000	735.35	735.35	735.35	735.35	735.35
4,940.000	735.34	735.34	735.34	735.34	735.34
4,950.000	735.34	735.34	735.33	735.33	735.33
4,960.000	735.33	735.33	735.33	735.33	735.32
4,970.000	735.32	735.32	735.32	735.32	735.32
4,980.000	735.32	735.31	735.31	735.31	735.31
4,990.000	735.31	735.31	735.31	735.31	735.30
5,000.000	735.30	735.30	735.30	735.30	735.30
5,010.000	735.30	735.29	735.29	735.29	735.29
5,020.000	735.29	735.29	735.29	735.28	735.28
5,030.000	735.28	735.28	735.28	735.28	735.28
5,040.000	735.27	735.27	735.27	735.27	735.27
5,050.000	735.27	735.27	735.26	735.26	735.26
5,060.000	735.26	735.26	735.26	735.26	735.26
5,070.000	735.25	735.25	735.25	735.25	735.25
5,080.000	735.25	735.25	735.24	735.24	735.24
5,090.000	735.24	735.24	735.24	735.24	735.23
5,100.000	735.23	735.23	735.23	735.23	735.23
5,110.000	735.23	735.22	735.22	735.22	735.22
5,120.000	735.22	735.22	735.22	735.21	735.21
5,130.000	735.21	735.21	735.21	735.21	735.21
5,140.000	735.21	735.20	735.20	735.20	735.20
5,150.000	735.20	735.20	735.20	735.19	735.19
5,160.000	735.19	735.19	735.19	735.19	735.19
5,170.000	735.18	735.18	735.18	735.18	735.18
5,180.000	735.18	735.18	735.17	735.17	735.17
5,190.000	735.17	735.17	735.17	735.17	735.16
5,200.000	735.16	735.16	735.16	735.16	735.16
5,210.000	735.16	735.16	735.15	735.15	735.15
5,220.000	735.15	735.15	735.15	735.15	735.14
5,230.000	735.14	735.14	735.14	735.14	735.14
5,240.000	735.14	735.13	735.13	735.13	735.13
5,250.000	735.13	735.13	735.13	735.12	735.12
5,260.000	735.12	735.12	735.12	735.12	735.12
5,270.000	735.11	735.11	735.11	735.11	735.11
5,280.000	735.11	735.11	735.11	735.10	735.10
5,290.000	735.10	735.10	735.10	735.10	735.10
5,300.000	735.09	735.09	735.09	735.09	735.09
5,310.000	735.09	735.09	735.08	735.08	735.08

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV3 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5,320.000	735.08	735.08	735.08	735.08	735.07
5,330.000	735.07	735.07	735.07	735.07	735.07
5,340.000	735.07	735.06	735.06	735.06	735.06
5,350.000	735.06	735.06	735.06	735.06	735.05
5,360.000	735.05	735.05	735.05	735.05	735.05
5,370.000	735.05	735.04	735.04	735.04	735.04
5,380.000	735.04	735.04	735.04	735.03	735.03
5,390.000	735.03	735.03	735.03	735.03	735.03
5,400.000	735.02	735.02	735.02	735.02	735.02
5,410.000	735.02	735.02	735.01	735.01	735.01
5,420.000	735.01	735.01	735.01	735.01	735.01
5,430.000	735.00	735.00	735.00	735.00	735.00
5,440.000	735.00	735.00	734.99	734.99	734.99
5,450.000	734.99	734.99	734.99	734.99	734.98
5,460.000	734.98	734.98	734.98	734.98	734.98
5,470.000	734.98	734.97	734.97	734.97	734.97
5,480.000	734.97	734.97	734.97	734.96	734.96
5,490.000	734.96	734.96	734.96	734.96	734.96
5,500.000	734.96	734.95	734.95	734.95	734.95
5,510.000	734.95	734.95	734.95	734.94	734.94
5,520.000	734.94	734.94	734.94	734.94	734.94
5,530.000	734.93	734.93	734.93	734.93	734.93
5,540.000	734.93	734.93	734.92	734.92	734.92
5,550.000	734.92	734.92	734.92	734.92	734.91
5,560.000	734.91	734.91	734.91	734.91	734.91
5,570.000	734.91	734.91	734.90	734.90	734.90
5,580.000	734.90	734.90	734.90	734.90	734.89
5,590.000	734.89	734.89	734.89	734.89	734.89
5,600.000	734.89	734.88	734.88	734.88	734.88
5,610.000	734.88	734.88	734.88	734.87	734.87
5,620.000	734.87	734.87	734.87	734.87	734.87
5,630.000	734.87	734.86	734.86	734.86	734.86
5,640.000	734.86	734.86	734.86	734.85	734.85
5,650.000	734.85	734.85	734.85	734.85	734.85
5,660.000	734.85	734.84	734.84	734.84	734.84
5,670.000	734.84	734.84	734.84	734.84	734.83
5,680.000	734.83	734.83	734.83	734.83	734.83
5,690.000	734.83	734.83	734.82	734.82	734.82
5,700.000	734.82	734.82	734.82	734.82	734.82
5,710.000	734.81	734.81	734.81	734.81	734.81
5,720.000	734.81	734.81	734.81	734.80	734.80

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Return Event: 100 years

Label: WQV3 (IN)

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5,730.000	734.80	734.80	734.80	734.80	734.80
5,740.000	734.80	734.80	734.79	734.79	734.79
5,750.000	734.79	734.79	734.79	734.79	734.79
5,760.000	734.79	(N/A)	(N/A)	(N/A)	(N/A)

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	733.34	733.34	733.34	733.34	733.34
10.000	733.34	733.34	733.34	733.34	733.34
20.000	733.34	733.34	733.34	733.34	733.34
30.000	733.34	733.34	733.34	733.34	733.34
40.000	733.34	733.34	733.34	733.34	733.34
50.000	733.34	733.34	733.34	733.34	733.34
60.000	733.34	733.34	733.34	733.34	733.34
70.000	733.34	733.34	733.34	733.34	733.34
80.000	733.34	733.34	733.34	733.35	733.35
90.000	733.35	733.35	733.35	733.36	733.36
100.000	733.36	733.36	733.37	733.37	733.37
110.000	733.38	733.38	733.39	733.39	733.39
120.000	733.40	733.40	733.41	733.41	733.42
130.000	733.42	733.43	733.43	733.44	733.44
140.000	733.45	733.46	733.46	733.47	733.47
150.000	733.48	733.49	733.49	733.50	733.51
160.000	733.51	733.52	733.53	733.54	733.54
170.000	733.55	733.56	733.57	733.57	733.58
180.000	733.59	733.60	733.61	733.62	733.62
190.000	733.63	733.64	733.65	733.66	733.67
200.000	733.68	733.69	733.70	733.71	733.72
210.000	733.73	733.74	733.74	733.75	733.76
220.000	733.77	733.78	733.80	733.81	733.82
230.000	733.83	733.84	733.85	733.86	733.87
240.000	733.88	733.89	733.90	733.91	733.93
250.000	733.94	733.95	733.96	733.97	733.98
260.000	734.00	734.01	734.02	734.03	734.05
270.000	734.06	734.07	734.09	734.10	734.11
280.000	734.13	734.14	734.15	734.17	734.18
290.000	734.19	734.21	734.22	734.24	734.25
300.000	734.27	734.28	734.30	734.31	734.33
310.000	734.34	734.36	734.37	734.39	734.41
320.000	734.42	734.44	734.46	734.47	734.49
330.000	734.51	734.52	734.54	734.56	734.57
340.000	734.59	734.61	734.63	734.64	734.66
350.000	734.68	734.70	734.72	734.73	734.75
360.000	734.77	734.79	734.81	734.83	734.85
370.000	734.86	734.88	734.89	734.90	734.92
380.000	734.93	734.95	734.96	734.98	735.00
390.000	735.01	735.03	735.04	735.06	735.07

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
400.000	735.09	735.10	735.12	735.14	735.15
410.000	735.17	735.18	735.20	735.22	735.23
420.000	735.25	735.27	735.28	735.30	735.32
430.000	735.33	735.35	735.36	735.37	735.38
440.000	735.39	735.40	735.41	735.42	735.43
450.000	735.44	735.46	735.47	735.48	735.49
460.000	735.50	735.51	735.52	735.53	735.55
470.000	735.56	735.57	735.58	735.59	735.60
480.000	735.62	735.63	735.64	735.65	735.66
490.000	735.68	735.69	735.70	735.71	735.73
500.000	735.74	735.75	735.77	735.78	735.79
510.000	735.81	735.82	735.84	735.85	735.86
520.000	735.88	735.89	735.90	735.91	735.93
530.000	735.94	735.96	735.97	735.98	736.00
540.000	736.01	736.03	736.04	736.06	736.07
550.000	736.09	736.10	736.12	736.13	736.15
560.000	736.16	736.18	736.19	736.21	736.23
570.000	736.24	736.25	736.26	736.26	736.26
580.000	736.26	736.26	736.26	736.26	736.26
590.000	736.26	736.26	736.26	736.26	736.26
600.000	736.26	736.26	736.26	736.26	736.26
610.000	736.26	736.26	736.26	736.26	736.26
620.000	736.26	736.26	736.27	736.27	736.27
630.000	736.27	736.27	736.27	736.27	736.27
640.000	736.27	736.27	736.27	736.27	736.27
650.000	736.27	736.27	736.27	736.27	736.27
660.000	736.27	736.27	736.27	736.27	736.27
670.000	736.28	736.28	736.28	736.28	736.28
680.000	736.28	736.28	736.28	736.28	736.29
690.000	736.29	736.29	736.29	736.30	736.31
700.000	736.33	736.35	736.37	736.40	736.44
710.000	736.48	736.52	736.58	736.65	736.69
720.000	736.71	736.70	736.66	736.59	736.52
730.000	736.45	736.40	736.36	736.34	736.33
740.000	736.32	736.31	736.31	736.30	736.30
750.000	736.29	736.29	736.29	736.29	736.28
760.000	736.28	736.28	736.28	736.28	736.28
770.000	736.28	736.28	736.28	736.28	736.28
780.000	736.27	736.27	736.27	736.27	736.27
790.000	736.27	736.27	736.27	736.27	736.27
800.000	736.27	736.27	736.27	736.27	736.27

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV4 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
810.000	736.27	736.27	736.27	736.27	736.27
820.000	736.27	736.27	736.27	736.27	736.27
830.000	736.27	736.26	736.26	736.26	736.26
840.000	736.26	736.26	736.26	736.26	736.26
850.000	736.26	736.26	736.26	736.26	736.26
860.000	736.26	736.26	736.26	736.26	736.26
870.000	736.26	736.26	736.26	736.26	736.26
880.000	736.26	736.26	736.26	736.26	736.26
890.000	736.26	736.26	736.26	736.26	736.26
900.000	736.26	736.26	736.26	736.26	736.26
910.000	736.26	736.26	736.26	736.26	736.26
920.000	736.26	736.26	736.26	736.26	736.26
930.000	736.26	736.26	736.26	736.26	736.26
940.000	736.26	736.26	736.26	736.26	736.26
950.000	736.26	736.26	736.26	736.26	736.26
960.000	736.26	736.26	736.26	736.26	736.26
970.000	736.26	736.26	736.26	736.26	736.26
980.000	736.26	736.26	736.26	736.26	736.26
990.000	736.26	736.26	736.26	736.26	736.26
1,000.000	736.26	736.26	736.26	736.26	736.26
1,010.000	736.26	736.26	736.26	736.26	736.26
1,020.000	736.26	736.26	736.26	736.26	736.26
1,030.000	736.26	736.26	736.26	736.26	736.26
1,040.000	736.26	736.26	736.26	736.26	736.26
1,050.000	736.26	736.26	736.26	736.26	736.26
1,060.000	736.26	736.26	736.26	736.26	736.26
1,070.000	736.26	736.26	736.26	736.26	736.26
1,080.000	736.26	736.26	736.26	736.26	736.26
1,090.000	736.26	736.26	736.26	736.26	736.26
1,100.000	736.26	736.26	736.26	736.26	736.26
1,110.000	736.26	736.26	736.26	736.26	736.26
1,120.000	736.26	736.26	736.26	736.26	736.26
1,130.000	736.26	736.26	736.26	736.26	736.26
1,140.000	736.25	736.25	736.25	736.25	736.25
1,150.000	736.25	736.25	736.25	736.25	736.25
1,160.000	736.25	736.25	736.25	736.25	736.25
1,170.000	736.25	736.25	736.25	736.25	736.25
1,180.000	736.25	736.25	736.25	736.25	736.25
1,190.000	736.25	736.25	736.25	736.25	736.25
1,200.000	736.25	736.25	736.25	736.25	736.25
1,210.000	736.25	736.25	736.25	736.25	736.25

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV4 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
1,220.000	736.25	736.25	736.25	736.25	736.25
1,230.000	736.25	736.25	736.25	736.25	736.25
1,240.000	736.25	736.25	736.25	736.25	736.25
1,250.000	736.25	736.25	736.25	736.25	736.25
1,260.000	736.25	736.25	736.25	736.25	736.25
1,270.000	736.25	736.25	736.25	736.25	736.25
1,280.000	736.25	736.25	736.25	736.25	736.25
1,290.000	736.25	736.25	736.25	736.25	736.25
1,300.000	736.25	736.25	736.25	736.25	736.25
1,310.000	736.25	736.25	736.25	736.25	736.25
1,320.000	736.25	736.25	736.25	736.25	736.25
1,330.000	736.25	736.25	736.25	736.25	736.25
1,340.000	736.25	736.25	736.25	736.25	736.25
1,350.000	736.25	736.25	736.25	736.25	736.25
1,360.000	736.25	736.25	736.25	736.25	736.25
1,370.000	736.25	736.25	736.25	736.25	736.25
1,380.000	736.25	736.25	736.25	736.25	736.25
1,390.000	736.25	736.25	736.25	736.25	736.25
1,400.000	736.25	736.25	736.25	736.25	736.25
1,410.000	736.25	736.25	736.25	736.25	736.25
1,420.000	736.25	736.25	736.25	736.25	736.25
1,430.000	736.25	736.25	736.25	736.25	736.25
1,440.000	736.25	736.25	736.25	736.25	736.25
1,450.000	736.25	736.25	736.25	736.25	736.25
1,460.000	736.25	736.24	736.24	736.24	736.24
1,470.000	736.24	736.24	736.24	736.24	736.23
1,480.000	736.23	736.23	736.23	736.23	736.23
1,490.000	736.23	736.22	736.22	736.22	736.22
1,500.000	736.22	736.22	736.22	736.21	736.21
1,510.000	736.21	736.21	736.21	736.21	736.21
1,520.000	736.20	736.20	736.20	736.20	736.20
1,530.000	736.20	736.20	736.19	736.19	736.19
1,540.000	736.19	736.19	736.19	736.19	736.19
1,550.000	736.18	736.18	736.18	736.18	736.18
1,560.000	736.18	736.18	736.17	736.17	736.17
1,570.000	736.17	736.17	736.17	736.17	736.16
1,580.000	736.16	736.16	736.16	736.16	736.16
1,590.000	736.16	736.15	736.15	736.15	736.15
1,600.000	736.15	736.15	736.15	736.14	736.14
1,610.000	736.14	736.14	736.14	736.14	736.14
1,620.000	736.14	736.13	736.13	736.13	736.13

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
1,630.000	736.13	736.13	736.13	736.12	736.12
1,640.000	736.12	736.12	736.12	736.12	736.12
1,650.000	736.11	736.11	736.11	736.11	736.11
1,660.000	736.11	736.11	736.10	736.10	736.10
1,670.000	736.10	736.10	736.10	736.10	736.09
1,680.000	736.09	736.09	736.09	736.09	736.09
1,690.000	736.09	736.09	736.08	736.08	736.08
1,700.000	736.08	736.08	736.08	736.08	736.07
1,710.000	736.07	736.07	736.07	736.07	736.07
1,720.000	736.07	736.06	736.06	736.06	736.06
1,730.000	736.06	736.06	736.06	736.05	736.05
1,740.000	736.05	736.05	736.05	736.05	736.05
1,750.000	736.04	736.04	736.04	736.04	736.04
1,760.000	736.04	736.04	736.04	736.03	736.03
1,770.000	736.03	736.03	736.03	736.03	736.03
1,780.000	736.02	736.02	736.02	736.02	736.02
1,790.000	736.02	736.02	736.01	736.01	736.01
1,800.000	736.01	736.01	736.01	736.01	736.00
1,810.000	736.00	736.00	736.00	736.00	736.00
1,820.000	736.00	735.99	735.99	735.99	735.99
1,830.000	735.99	735.99	735.99	735.99	735.98
1,840.000	735.98	735.98	735.98	735.98	735.98
1,850.000	735.98	735.97	735.97	735.97	735.97
1,860.000	735.97	735.97	735.97	735.96	735.96
1,870.000	735.96	735.96	735.96	735.96	735.96
1,880.000	735.95	735.95	735.95	735.95	735.95
1,890.000	735.95	735.95	735.94	735.94	735.94
1,900.000	735.94	735.94	735.94	735.94	735.94
1,910.000	735.93	735.93	735.93	735.93	735.93
1,920.000	735.93	735.93	735.92	735.92	735.92
1,930.000	735.92	735.92	735.92	735.92	735.91
1,940.000	735.91	735.91	735.91	735.91	735.91
1,950.000	735.91	735.90	735.90	735.90	735.90
1,960.000	735.90	735.90	735.90	735.89	735.89
1,970.000	735.89	735.89	735.89	735.89	735.89
1,980.000	735.89	735.88	735.88	735.88	735.88
1,990.000	735.88	735.88	735.88	735.87	735.87
2,000.000	735.87	735.87	735.87	735.87	735.87
2,010.000	735.86	735.86	735.86	735.86	735.86
2,020.000	735.86	735.86	735.85	735.85	735.85
2,030.000	735.85	735.85	735.85	735.85	735.84

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,040.000	735.84	735.84	735.84	735.84	735.84
2,050.000	735.84	735.83	735.83	735.83	735.83
2,060.000	735.83	735.83	735.82	735.82	735.82
2,070.000	735.82	735.82	735.82	735.81	735.81
2,080.000	735.81	735.81	735.81	735.81	735.80
2,090.000	735.80	735.80	735.80	735.80	735.80
2,100.000	735.79	735.79	735.79	735.79	735.79
2,110.000	735.79	735.78	735.78	735.78	735.78
2,120.000	735.78	735.78	735.78	735.77	735.77
2,130.000	735.77	735.77	735.77	735.77	735.76
2,140.000	735.76	735.76	735.76	735.76	735.76
2,150.000	735.75	735.75	735.75	735.75	735.75
2,160.000	735.75	735.75	735.74	735.74	735.74
2,170.000	735.74	735.74	735.74	735.73	735.73
2,180.000	735.73	735.73	735.73	735.73	735.72
2,190.000	735.72	735.72	735.72	735.72	735.72
2,200.000	735.72	735.71	735.71	735.71	735.71
2,210.000	735.71	735.71	735.70	735.70	735.70
2,220.000	735.70	735.70	735.70	735.70	735.69
2,230.000	735.69	735.69	735.69	735.69	735.69
2,240.000	735.69	735.68	735.68	735.68	735.68
2,250.000	735.68	735.68	735.67	735.67	735.67
2,260.000	735.67	735.67	735.67	735.67	735.66
2,270.000	735.66	735.66	735.66	735.66	735.66
2,280.000	735.66	735.65	735.65	735.65	735.65
2,290.000	735.65	735.65	735.65	735.64	735.64
2,300.000	735.64	735.64	735.64	735.64	735.63
2,310.000	735.63	735.63	735.63	735.63	735.63
2,320.000	735.63	735.62	735.62	735.62	735.62
2,330.000	735.62	735.62	735.62	735.61	735.61
2,340.000	735.61	735.61	735.61	735.61	735.61
2,350.000	735.60	735.60	735.60	735.60	735.60
2,360.000	735.60	735.60	735.59	735.59	735.59
2,370.000	735.59	735.59	735.59	735.59	735.59
2,380.000	735.58	735.58	735.58	735.58	735.58
2,390.000	735.58	735.58	735.57	735.57	735.57
2,400.000	735.57	735.57	735.57	735.57	735.56
2,410.000	735.56	735.56	735.56	735.56	735.56
2,420.000	735.56	735.55	735.55	735.55	735.55
2,430.000	735.55	735.55	735.55	735.55	735.54
2,440.000	735.54	735.54	735.54	735.54	735.54

Proposed_mrb.ppc
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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,450.000	735.54	735.53	735.53	735.53	735.53
2,460.000	735.53	735.53	735.53	735.53	735.52
2,470.000	735.52	735.52	735.52	735.52	735.52
2,480.000	735.52	735.51	735.51	735.51	735.51
2,490.000	735.51	735.51	735.51	735.51	735.50
2,500.000	735.50	735.50	735.50	735.50	735.50
2,510.000	735.50	735.50	735.49	735.49	735.49
2,520.000	735.49	735.49	735.49	735.49	735.48
2,530.000	735.48	735.48	735.48	735.48	735.48
2,540.000	735.48	735.48	735.47	735.47	735.47
2,550.000	735.47	735.47	735.47	735.47	735.47
2,560.000	735.46	735.46	735.46	735.46	735.46
2,570.000	735.46	735.46	735.46	735.45	735.45
2,580.000	735.45	735.45	735.45	735.45	735.45
2,590.000	735.45	735.44	735.44	735.44	735.44
2,600.000	735.44	735.44	735.44	735.44	735.43
2,610.000	735.43	735.43	735.43	735.43	735.43
2,620.000	735.43	735.43	735.43	735.42	735.42
2,630.000	735.42	735.42	735.42	735.42	735.42
2,640.000	735.42	735.41	735.41	735.41	735.41
2,650.000	735.41	735.41	735.41	735.41	735.40
2,660.000	735.40	735.40	735.40	735.40	735.40
2,670.000	735.40	735.40	735.40	735.39	735.39
2,680.000	735.39	735.39	735.39	735.39	735.39
2,690.000	735.39	735.38	735.38	735.38	735.38
2,700.000	735.38	735.38	735.38	735.38	735.38
2,710.000	735.37	735.37	735.37	735.37	735.37
2,720.000	735.37	735.37	735.37	735.36	735.36
2,730.000	735.36	735.36	735.36	735.36	735.36
2,740.000	735.36	735.36	735.35	735.35	735.35
2,750.000	735.35	735.35	735.35	735.35	735.35
2,760.000	735.35	735.34	735.34	735.34	735.34
2,770.000	735.34	735.34	735.34	735.33	735.33
2,780.000	735.33	735.33	735.33	735.33	735.32
2,790.000	735.32	735.32	735.32	735.32	735.32
2,800.000	735.31	735.31	735.31	735.31	735.31
2,810.000	735.31	735.30	735.30	735.30	735.30
2,820.000	735.30	735.30	735.29	735.29	735.29
2,830.000	735.29	735.29	735.29	735.28	735.28
2,840.000	735.28	735.28	735.28	735.28	735.27
2,850.000	735.27	735.27	735.27	735.27	735.27

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,860.000	735.26	735.26	735.26	735.26	735.26
2,870.000	735.26	735.25	735.25	735.25	735.25
2,880.000	735.25	735.25	735.24	735.24	735.24
2,890.000	735.24	735.24	735.24	735.23	735.23
2,900.000	735.23	735.23	735.23	735.23	735.22
2,910.000	735.22	735.22	735.22	735.22	735.22
2,920.000	735.22	735.21	735.21	735.21	735.21
2,930.000	735.21	735.21	735.20	735.20	735.20
2,940.000	735.20	735.20	735.20	735.19	735.19
2,950.000	735.19	735.19	735.19	735.19	735.19
2,960.000	735.18	735.18	735.18	735.18	735.18
2,970.000	735.18	735.17	735.17	735.17	735.17
2,980.000	735.17	735.17	735.17	735.16	735.16
2,990.000	735.16	735.16	735.16	735.16	735.16
3,000.000	735.15	735.15	735.15	735.15	735.15
3,010.000	735.15	735.14	735.14	735.14	735.14
3,020.000	735.14	735.14	735.14	735.13	735.13
3,030.000	735.13	735.13	735.13	735.13	735.13
3,040.000	735.12	735.12	735.12	735.12	735.12
3,050.000	735.12	735.12	735.11	735.11	735.11
3,060.000	735.11	735.11	735.11	735.11	735.10
3,070.000	735.10	735.10	735.10	735.10	735.10
3,080.000	735.10	735.09	735.09	735.09	735.09
3,090.000	735.09	735.09	735.09	735.08	735.08
3,100.000	735.08	735.08	735.08	735.08	735.08
3,110.000	735.07	735.07	735.07	735.07	735.07
3,120.000	735.07	735.07	735.07	735.06	735.06
3,130.000	735.06	735.06	735.06	735.06	735.06
3,140.000	735.05	735.05	735.05	735.05	735.05
3,150.000	735.05	735.05	735.04	735.04	735.04
3,160.000	735.04	735.04	735.04	735.04	735.04
3,170.000	735.03	735.03	735.03	735.03	735.03
3,180.000	735.03	735.03	735.02	735.02	735.02
3,190.000	735.02	735.02	735.02	735.02	735.02
3,200.000	735.01	735.01	735.01	735.01	735.01
3,210.000	735.01	735.01	735.01	735.00	735.00
3,220.000	735.00	735.00	735.00	735.00	735.00
3,230.000	735.00	734.99	734.99	734.99	734.99
3,240.000	734.99	734.99	734.99	734.99	734.98
3,250.000	734.98	734.98	734.98	734.98	734.98
3,260.000	734.98	734.98	734.97	734.97	734.97

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV4 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3,270.000	734.97	734.97	734.97	734.97	734.97
3,280.000	734.96	734.96	734.96	734.96	734.96
3,290.000	734.96	734.96	734.96	734.95	734.95
3,300.000	734.95	734.95	734.95	734.95	734.95
3,310.000	734.95	734.94	734.94	734.94	734.94
3,320.000	734.94	734.94	734.94	734.94	734.93
3,330.000	734.93	734.93	734.93	734.93	734.93
3,340.000	734.93	734.93	734.93	734.92	734.92
3,350.000	734.92	734.92	734.92	734.92	734.92
3,360.000	734.92	734.92	734.91	734.91	734.91
3,370.000	734.91	734.91	734.91	734.91	734.91
3,380.000	734.90	734.90	734.90	734.90	734.90
3,390.000	734.90	734.90	734.90	734.90	734.89
3,400.000	734.89	734.89	734.89	734.89	734.89
3,410.000	734.89	734.89	734.89	734.88	734.88
3,420.000	734.88	734.88	734.88	734.88	734.88
3,430.000	734.88	734.88	734.87	734.87	734.87
3,440.000	734.87	734.87	734.87	734.87	734.87
3,450.000	734.87	734.86	734.86	734.86	734.86
3,460.000	734.86	734.86	734.86	734.86	734.86
3,470.000	734.85	734.85	734.85	734.85	734.85
3,480.000	734.85	734.85	734.85	734.85	734.85
3,490.000	734.84	734.84	734.84	734.84	734.84
3,500.000	734.84	734.84	734.84	734.83	734.83
3,510.000	734.83	734.83	734.83	734.83	734.83
3,520.000	734.82	734.82	734.82	734.82	734.82
3,530.000	734.82	734.82	734.81	734.81	734.81
3,540.000	734.81	734.81	734.81	734.81	734.81
3,550.000	734.80	734.80	734.80	734.80	734.80
3,560.000	734.80	734.80	734.79	734.79	734.79
3,570.000	734.79	734.79	734.79	734.79	734.78
3,580.000	734.78	734.78	734.78	734.78	734.78
3,590.000	734.78	734.77	734.77	734.77	734.77
3,600.000	734.77	734.77	734.77	734.76	734.76
3,610.000	734.76	734.76	734.76	734.76	734.76
3,620.000	734.76	734.75	734.75	734.75	734.75
3,630.000	734.75	734.75	734.75	734.74	734.74
3,640.000	734.74	734.74	734.74	734.74	734.74
3,650.000	734.73	734.73	734.73	734.73	734.73
3,660.000	734.73	734.73	734.72	734.72	734.72
3,670.000	734.72	734.72	734.72	734.72	734.71

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3,680.000	734.71	734.71	734.71	734.71	734.71
3,690.000	734.71	734.71	734.70	734.70	734.70
3,700.000	734.70	734.70	734.70	734.70	734.69
3,710.000	734.69	734.69	734.69	734.69	734.69
3,720.000	734.69	734.68	734.68	734.68	734.68
3,730.000	734.68	734.68	734.68	734.67	734.67
3,740.000	734.67	734.67	734.67	734.67	734.67
3,750.000	734.66	734.66	734.66	734.66	734.66
3,760.000	734.66	734.66	734.66	734.65	734.65
3,770.000	734.65	734.65	734.65	734.65	734.65
3,780.000	734.64	734.64	734.64	734.64	734.64
3,790.000	734.64	734.64	734.63	734.63	734.63
3,800.000	734.63	734.63	734.63	734.63	734.62
3,810.000	734.62	734.62	734.62	734.62	734.62
3,820.000	734.62	734.61	734.61	734.61	734.61
3,830.000	734.61	734.61	734.61	734.61	734.60
3,840.000	734.60	734.60	734.60	734.60	734.60
3,850.000	734.60	734.59	734.59	734.59	734.59
3,860.000	734.59	734.59	734.59	734.58	734.58
3,870.000	734.58	734.58	734.58	734.58	734.58
3,880.000	734.57	734.57	734.57	734.57	734.57
3,890.000	734.57	734.57	734.56	734.56	734.56
3,900.000	734.56	734.56	734.56	734.56	734.56
3,910.000	734.55	734.55	734.55	734.55	734.55
3,920.000	734.55	734.55	734.54	734.54	734.54
3,930.000	734.54	734.54	734.54	734.54	734.53
3,940.000	734.53	734.53	734.53	734.53	734.53
3,950.000	734.53	734.52	734.52	734.52	734.52
3,960.000	734.52	734.52	734.52	734.51	734.51
3,970.000	734.51	734.51	734.51	734.51	734.51
3,980.000	734.51	734.50	734.50	734.50	734.50
3,990.000	734.50	734.50	734.50	734.49	734.49
4,000.000	734.49	734.49	734.49	734.49	734.49
4,010.000	734.48	734.48	734.48	734.48	734.48
4,020.000	734.48	734.48	734.47	734.47	734.47
4,030.000	734.47	734.47	734.47	734.47	734.46
4,040.000	734.46	734.46	734.46	734.46	734.46
4,050.000	734.46	734.46	734.45	734.45	734.45
4,060.000	734.45	734.45	734.45	734.45	734.44
4,070.000	734.44	734.44	734.44	734.44	734.44
4,080.000	734.44	734.43	734.43	734.43	734.43

Proposed_mrb.ppc
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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,090.000	734.43	734.43	734.43	734.42	734.42
4,100.000	734.42	734.42	734.42	734.42	734.42
4,110.000	734.41	734.41	734.41	734.41	734.41
4,120.000	734.41	734.41	734.41	734.40	734.40
4,130.000	734.40	734.40	734.40	734.40	734.40
4,140.000	734.39	734.39	734.39	734.39	734.39
4,150.000	734.39	734.39	734.38	734.38	734.38
4,160.000	734.38	734.38	734.38	734.38	734.37
4,170.000	734.37	734.37	734.37	734.37	734.37
4,180.000	734.37	734.36	734.36	734.36	734.36
4,190.000	734.36	734.36	734.36	734.36	734.35
4,200.000	734.35	734.35	734.35	734.35	734.35
4,210.000	734.35	734.34	734.34	734.34	734.34
4,220.000	734.34	734.34	734.34	734.33	734.33
4,230.000	734.33	734.33	734.33	734.33	734.33
4,240.000	734.32	734.32	734.32	734.32	734.32
4,250.000	734.32	734.32	734.31	734.31	734.31
4,260.000	734.31	734.31	734.31	734.31	734.31
4,270.000	734.30	734.30	734.30	734.30	734.30
4,280.000	734.30	734.30	734.29	734.29	734.29
4,290.000	734.29	734.29	734.29	734.29	734.28
4,300.000	734.28	734.28	734.28	734.28	734.28
4,310.000	734.28	734.27	734.27	734.27	734.27
4,320.000	734.27	734.27	734.27	734.26	734.26
4,330.000	734.26	734.26	734.26	734.26	734.26
4,340.000	734.26	734.25	734.25	734.25	734.25
4,350.000	734.25	734.25	734.25	734.24	734.24
4,360.000	734.24	734.24	734.24	734.24	734.24
4,370.000	734.23	734.23	734.23	734.23	734.23
4,380.000	734.23	734.23	734.22	734.22	734.22
4,390.000	734.22	734.22	734.22	734.22	734.21
4,400.000	734.21	734.21	734.21	734.21	734.21
4,410.000	734.21	734.21	734.20	734.20	734.20
4,420.000	734.20	734.20	734.20	734.20	734.19
4,430.000	734.19	734.19	734.19	734.19	734.19
4,440.000	734.19	734.18	734.18	734.18	734.18
4,450.000	734.18	734.18	734.18	734.17	734.17
4,460.000	734.17	734.17	734.17	734.17	734.17
4,470.000	734.16	734.16	734.16	734.16	734.16
4,480.000	734.16	734.16	734.16	734.15	734.15
4,490.000	734.15	734.15	734.15	734.15	734.15

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV4 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,500.000	734.14	734.14	734.14	734.14	734.14
4,510.000	734.14	734.14	734.13	734.13	734.13
4,520.000	734.13	734.13	734.13	734.13	734.12
4,530.000	734.12	734.12	734.12	734.12	734.12
4,540.000	734.12	734.11	734.11	734.11	734.11
4,550.000	734.11	734.11	734.11	734.11	734.10
4,560.000	734.10	734.10	734.10	734.10	734.10
4,570.000	734.10	734.09	734.09	734.09	734.09
4,580.000	734.09	734.09	734.09	734.08	734.08
4,590.000	734.08	734.08	734.08	734.08	734.08
4,600.000	734.07	734.07	734.07	734.07	734.07
4,610.000	734.07	734.07	734.06	734.06	734.06
4,620.000	734.06	734.06	734.06	734.06	734.06
4,630.000	734.05	734.05	734.05	734.05	734.05
4,640.000	734.05	734.05	734.04	734.04	734.04
4,650.000	734.04	734.04	734.04	734.04	734.03
4,660.000	734.03	734.03	734.03	734.03	734.03
4,670.000	734.03	734.02	734.02	734.02	734.02
4,680.000	734.02	734.02	734.02	734.01	734.01
4,690.000	734.01	734.01	734.01	734.01	734.01
4,700.000	734.01	734.00	734.00	734.00	734.00
4,710.000	734.00	734.00	734.00	733.99	733.99
4,720.000	733.99	733.99	733.99	733.99	733.99
4,730.000	733.98	733.98	733.98	733.98	733.98
4,740.000	733.98	733.98	733.97	733.97	733.97
4,750.000	733.97	733.97	733.97	733.97	733.96
4,760.000	733.96	733.96	733.96	733.96	733.96
4,770.000	733.96	733.96	733.95	733.95	733.95
4,780.000	733.95	733.95	733.95	733.95	733.94
4,790.000	733.94	733.94	733.94	733.94	733.94
4,800.000	733.94	733.93	733.93	733.93	733.93
4,810.000	733.93	733.93	733.93	733.92	733.92
4,820.000	733.92	733.92	733.92	733.92	733.92
4,830.000	733.91	733.91	733.91	733.91	733.91
4,840.000	733.91	733.91	733.91	733.90	733.90
4,850.000	733.90	733.90	733.90	733.90	733.90
4,860.000	733.89	733.89	733.89	733.89	733.89
4,870.000	733.89	733.89	733.88	733.88	733.88
4,880.000	733.88	733.88	733.88	733.88	733.87
4,890.000	733.87	733.87	733.87	733.87	733.87
4,900.000	733.87	733.86	733.86	733.86	733.86

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,910.000	733.86	733.86	733.86	733.86	733.85
4,920.000	733.85	733.85	733.85	733.85	733.85
4,930.000	733.85	733.84	733.84	733.84	733.84
4,940.000	733.84	733.84	733.84	733.83	733.83
4,950.000	733.83	733.83	733.83	733.83	733.83
4,960.000	733.82	733.82	733.82	733.82	733.82
4,970.000	733.82	733.82	733.82	733.81	733.81
4,980.000	733.81	733.81	733.81	733.81	733.81
4,990.000	733.81	733.80	733.80	733.80	733.80
5,000.000	733.80	733.80	733.80	733.79	733.79
5,010.000	733.79	733.79	733.79	733.79	733.79
5,020.000	733.79	733.78	733.78	733.78	733.78
5,030.000	733.78	733.78	733.78	733.78	733.78
5,040.000	733.77	733.77	733.77	733.77	733.77
5,050.000	733.77	733.77	733.77	733.76	733.76
5,060.000	733.76	733.76	733.76	733.76	733.76
5,070.000	733.76	733.76	733.75	733.75	733.75
5,080.000	733.75	733.75	733.75	733.75	733.75
5,090.000	733.74	733.74	733.74	733.74	733.74
5,100.000	733.74	733.74	733.74	733.74	733.73
5,110.000	733.73	733.73	733.73	733.73	733.73
5,120.000	733.73	733.73	733.73	733.73	733.72
5,130.000	733.72	733.72	733.72	733.72	733.72
5,140.000	733.72	733.72	733.72	733.71	733.71
5,150.000	733.71	733.71	733.71	733.71	733.71
5,160.000	733.71	733.71	733.71	733.70	733.70
5,170.000	733.70	733.70	733.70	733.70	733.70
5,180.000	733.70	733.70	733.70	733.69	733.69
5,190.000	733.69	733.69	733.69	733.69	733.69
5,200.000	733.69	733.69	733.69	733.68	733.68
5,210.000	733.68	733.68	733.68	733.68	733.68
5,220.000	733.68	733.68	733.68	733.68	733.67
5,230.000	733.67	733.67	733.67	733.67	733.67
5,240.000	733.67	733.67	733.67	733.67	733.67
5,250.000	733.66	733.66	733.66	733.66	733.66
5,260.000	733.66	733.66	733.66	733.66	733.66
5,270.000	733.66	733.65	733.65	733.65	733.65
5,280.000	733.65	733.65	733.65	733.65	733.65
5,290.000	733.65	733.65	733.64	733.64	733.64
5,300.000	733.64	733.64	733.64	733.64	733.64
5,310.000	733.64	733.64	733.64	733.64	733.63

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5,320.000	733.63	733.63	733.63	733.63	733.63
5,330.000	733.63	733.63	733.63	733.63	733.63
5,340.000	733.63	733.63	733.62	733.62	733.62
5,350.000	733.62	733.62	733.62	733.62	733.62
5,360.000	733.62	733.62	733.62	733.62	733.62
5,370.000	733.61	733.61	733.61	733.61	733.61
5,380.000	733.61	733.61	733.61	733.61	733.61
5,390.000	733.61	733.61	733.61	733.60	733.60
5,400.000	733.60	733.60	733.60	733.60	733.60
5,410.000	733.60	733.60	733.60	733.60	733.60
5,420.000	733.60	733.60	733.59	733.59	733.59
5,430.000	733.59	733.59	733.59	733.59	733.59
5,440.000	733.59	733.59	733.59	733.59	733.59
5,450.000	733.59	733.58	733.58	733.58	733.58
5,460.000	733.58	733.58	733.58	733.58	733.58
5,470.000	733.58	733.58	733.58	733.58	733.58
5,480.000	733.58	733.57	733.57	733.57	733.57
5,490.000	733.57	733.57	733.57	733.57	733.57
5,500.000	733.57	733.57	733.57	733.57	733.57
5,510.000	733.57	733.57	733.56	733.56	733.56
5,520.000	733.56	733.56	733.56	733.56	733.56
5,530.000	733.56	733.56	733.56	733.56	733.56
5,540.000	733.56	733.56	733.56	733.55	733.55
5,550.000	733.55	733.55	733.55	733.55	733.55
5,560.000	733.55	733.55	733.55	733.55	733.55
5,570.000	733.55	733.55	733.55	733.55	733.55
5,580.000	733.54	733.54	733.54	733.54	733.54
5,590.000	733.54	733.54	733.54	733.54	733.54
5,600.000	733.54	733.54	733.54	733.54	733.54
5,610.000	733.54	733.54	733.54	733.53	733.53
5,620.000	733.53	733.53	733.53	733.53	733.53
5,630.000	733.53	733.53	733.53	733.53	733.53
5,640.000	733.53	733.53	733.53	733.53	733.53
5,650.000	733.53	733.53	733.52	733.52	733.52
5,660.000	733.52	733.52	733.52	733.52	733.52
5,670.000	733.52	733.52	733.52	733.52	733.52
5,680.000	733.52	733.52	733.52	733.52	733.52
5,690.000	733.52	733.52	733.51	733.51	733.51
5,700.000	733.51	733.51	733.51	733.51	733.51
5,710.000	733.51	733.51	733.51	733.51	733.51
5,720.000	733.51	733.51	733.51	733.51	733.51

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation   Return Event: 100 years
Label: WQV4 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5,730.000	733.51	733.51	733.51	733.51	733.50
5,740.000	733.50	733.50	733.50	733.50	733.50
5,750.000	733.50	733.50	733.50	733.50	733.50
5,760.000	733.50	(N/A)	(N/A)	(N/A)	(N/A)

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Return Event: 100 years

Label: WQV5 (IN)

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	734.12	734.12	734.12	734.12	734.12
10.000	734.12	734.12	734.12	734.12	734.12
20.000	734.12	734.12	734.12	734.12	734.12
30.000	734.12	734.12	734.12	734.12	734.12
40.000	734.12	734.12	734.12	734.12	734.12
50.000	734.12	734.12	734.12	734.12	734.12
60.000	734.12	734.12	734.12	734.12	734.12
70.000	734.12	734.12	734.12	734.12	734.12
80.000	734.12	734.12	734.12	734.12	734.12
90.000	734.12	734.12	734.12	734.12	734.12
100.000	734.12	734.12	734.12	734.12	734.12
110.000	734.12	734.12	734.12	734.12	734.12
120.000	734.12	734.12	734.12	734.12	734.12
130.000	734.12	734.12	734.13	734.13	734.13
140.000	734.13	734.13	734.13	734.13	734.13
150.000	734.14	734.14	734.14	734.14	734.14
160.000	734.15	734.15	734.15	734.15	734.15
170.000	734.16	734.16	734.16	734.16	734.17
180.000	734.17	734.17	734.18	734.18	734.18
190.000	734.18	734.19	734.19	734.19	734.20
200.000	734.20	734.21	734.21	734.21	734.22
210.000	734.22	734.22	734.23	734.23	734.24
220.000	734.24	734.25	734.25	734.25	734.26
230.000	734.26	734.27	734.27	734.28	734.28
240.000	734.29	734.29	734.30	734.30	734.31
250.000	734.31	734.32	734.32	734.33	734.33
260.000	734.34	734.35	734.35	734.36	734.36
270.000	734.37	734.37	734.38	734.39	734.39
280.000	734.40	734.41	734.41	734.42	734.43
290.000	734.43	734.44	734.45	734.45	734.46
300.000	734.47	734.47	734.48	734.49	734.49
310.000	734.50	734.51	734.52	734.52	734.53
320.000	734.54	734.55	734.56	734.56	734.57
330.000	734.58	734.59	734.60	734.60	734.61
340.000	734.62	734.63	734.64	734.65	734.66
350.000	734.66	734.67	734.68	734.69	734.70
360.000	734.71	734.72	734.73	734.74	734.75
370.000	734.76	734.77	734.78	734.79	734.80
380.000	734.81	734.82	734.83	734.84	734.85
390.000	734.86	734.87	734.88	734.89	734.91

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV5 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
400.000	734.92	734.93	734.94	734.95	734.96
410.000	734.97	734.99	735.00	735.01	735.02
420.000	735.03	735.05	735.06	735.07	735.08
430.000	735.09	735.11	735.12	735.13	735.15
440.000	735.16	735.17	735.19	735.20	735.21
450.000	735.23	735.24	735.25	735.27	735.28
460.000	735.29	735.31	735.32	735.34	735.35
470.000	735.36	735.38	735.39	735.41	735.42
480.000	735.44	735.45	735.47	735.48	735.50
490.000	735.51	735.53	735.54	735.56	735.58
500.000	735.59	735.61	735.63	735.64	735.65
510.000	735.67	735.68	735.70	735.71	735.72
520.000	735.74	735.75	735.77	735.79	735.80
530.000	735.82	735.83	735.85	735.87	735.88
540.000	735.90	735.92	735.93	735.95	735.97
550.000	735.99	736.01	736.02	736.04	736.06
560.000	736.08	736.10	736.11	736.13	736.14
570.000	736.15	736.16	736.17	736.19	736.20
580.000	736.21	736.22	736.23	736.25	736.26
590.000	736.27	736.28	736.30	736.31	736.33
600.000	736.34	736.35	736.37	736.38	736.40
610.000	736.41	736.43	736.44	736.46	736.48
620.000	736.49	736.51	736.53	736.55	736.57
630.000	736.58	736.60	736.62	736.64	736.65
640.000	736.67	736.69	736.71	736.73	736.75
650.000	736.76	736.78	736.81	736.83	736.85
660.000	736.87	736.89	736.92	736.94	736.96
670.000	736.99	737.01	737.01	737.01	737.01
680.000	737.01	737.01	737.01	737.01	737.01
690.000	737.01	737.01	737.02	737.02	737.02
700.000	737.03	737.04	737.05	737.06	737.07
710.000	737.09	737.10	737.13	737.16	737.19
720.000	737.20	737.19	737.16	737.12	737.09
730.000	737.06	737.05	737.04	737.03	737.03
740.000	737.03	737.02	737.02	737.02	737.02
750.000	737.02	737.02	737.02	737.01	737.01
760.000	737.01	737.01	737.01	737.01	737.01
770.000	737.01	737.01	737.01	737.01	737.01
780.000	737.01	737.01	737.01	737.01	737.01
790.000	737.01	737.01	737.01	737.01	737.01
800.000	737.01	737.01	737.01	737.01	737.01

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation   Return Event: 100 years
Label: WQV5 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
810.000	737.01	737.01	737.01	737.01	737.01
820.000	737.01	737.01	737.01	737.01	737.01
830.000	737.01	737.01	737.01	737.01	737.01
840.000	737.01	737.01	737.01	737.01	737.01
850.000	737.00	737.00	737.00	737.00	737.00
860.000	737.00	737.00	737.00	737.00	737.00
870.000	737.00	737.00	737.00	737.00	737.00
880.000	737.00	737.00	737.00	737.00	737.00
890.000	737.00	737.00	737.00	737.00	737.00
900.000	737.00	737.00	737.00	737.00	737.00
910.000	737.00	737.00	737.00	737.00	737.00
920.000	737.00	737.00	737.00	737.00	737.00
930.000	737.00	737.00	737.00	737.00	737.00
940.000	737.00	737.00	737.00	737.00	737.00
950.000	737.00	737.00	737.00	737.00	737.00
960.000	737.00	737.00	737.00	737.00	737.00
970.000	737.00	737.00	737.00	737.00	737.00
980.000	737.00	737.00	737.00	737.00	737.00
990.000	737.00	737.00	737.00	737.00	737.00
1,000.000	737.00	737.00	737.00	737.00	737.00
1,010.000	737.00	737.00	737.00	737.00	737.00
1,020.000	737.00	737.00	737.00	737.00	737.00
1,030.000	737.00	737.00	737.00	737.00	737.00
1,040.000	737.00	737.00	737.00	737.00	737.00
1,050.000	737.00	737.00	737.00	737.00	737.00
1,060.000	737.00	737.00	737.00	737.00	737.00
1,070.000	737.00	737.00	737.00	737.00	737.00
1,080.000	737.00	737.00	737.00	737.00	737.00
1,090.000	737.00	737.00	737.00	737.00	737.00
1,100.000	737.00	737.00	737.00	737.00	737.00
1,110.000	737.00	737.00	737.00	737.00	737.00
1,120.000	737.00	737.00	737.00	737.00	737.00
1,130.000	737.00	737.00	737.00	737.00	737.00
1,140.000	737.00	737.00	737.00	737.00	737.00
1,150.000	737.00	737.00	737.00	737.00	737.00
1,160.000	737.00	737.00	737.00	737.00	737.00
1,170.000	737.00	737.00	737.00	737.00	737.00
1,180.000	737.00	737.00	737.00	737.00	737.00
1,190.000	737.00	737.00	737.00	737.00	737.00
1,200.000	737.00	737.00	737.00	737.00	737.00
1,210.000	737.00	737.00	737.00	737.00	737.00

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation   Return Event: 100 years
Label: WQV5 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
1,220.000	737.00	737.00	737.00	737.00	737.00
1,230.000	737.00	737.00	737.00	737.00	737.00
1,240.000	737.00	737.00	737.00	737.00	737.00
1,250.000	737.00	737.00	737.00	737.00	737.00
1,260.000	737.00	737.00	737.00	737.00	737.00
1,270.000	737.00	737.00	737.00	737.00	737.00
1,280.000	737.00	737.00	737.00	737.00	737.00
1,290.000	737.00	737.00	737.00	737.00	737.00
1,300.000	737.00	737.00	737.00	737.00	737.00
1,310.000	737.00	737.00	737.00	737.00	737.00
1,320.000	737.00	737.00	737.00	737.00	737.00
1,330.000	737.00	737.00	737.00	737.00	737.00
1,340.000	737.00	737.00	737.00	737.00	737.00
1,350.000	737.00	737.00	737.00	737.00	737.00
1,360.000	737.00	737.00	737.00	737.00	737.00
1,370.000	737.00	737.00	737.00	737.00	737.00
1,380.000	737.00	737.00	737.00	737.00	737.00
1,390.000	737.00	737.00	737.00	737.00	737.00
1,400.000	737.00	737.00	737.00	737.00	737.00
1,410.000	737.00	737.00	737.00	737.00	737.00
1,420.000	737.00	737.00	737.00	737.00	737.00
1,430.000	737.00	737.00	737.00	737.00	737.00
1,440.000	737.00	737.00	737.00	737.00	737.00
1,450.000	737.00	737.00	737.00	737.00	737.00
1,460.000	737.00	736.99	736.99	736.99	736.99
1,470.000	736.99	736.99	736.99	736.98	736.98
1,480.000	736.98	736.98	736.98	736.98	736.98
1,490.000	736.97	736.97	736.97	736.97	736.97
1,500.000	736.97	736.97	736.96	736.96	736.96
1,510.000	736.96	736.96	736.96	736.96	736.95
1,520.000	736.95	736.95	736.95	736.95	736.95
1,530.000	736.95	736.95	736.94	736.94	736.94
1,540.000	736.94	736.94	736.94	736.94	736.93
1,550.000	736.93	736.93	736.93	736.93	736.93
1,560.000	736.93	736.92	736.92	736.92	736.92
1,570.000	736.92	736.92	736.92	736.91	736.91
1,580.000	736.91	736.91	736.91	736.91	736.91
1,590.000	736.90	736.90	736.90	736.90	736.90
1,600.000	736.90	736.90	736.90	736.89	736.89
1,610.000	736.89	736.89	736.89	736.89	736.89
1,620.000	736.88	736.88	736.88	736.88	736.88

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV5 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
1,630.000	736.88	736.88	736.87	736.87	736.87
1,640.000	736.87	736.87	736.87	736.87	736.86
1,650.000	736.86	736.86	736.86	736.86	736.86
1,660.000	736.86	736.85	736.85	736.85	736.85
1,670.000	736.85	736.85	736.85	736.85	736.84
1,680.000	736.84	736.84	736.84	736.84	736.84
1,690.000	736.84	736.83	736.83	736.83	736.83
1,700.000	736.83	736.83	736.83	736.82	736.82
1,710.000	736.82	736.82	736.82	736.82	736.82
1,720.000	736.81	736.81	736.81	736.81	736.81
1,730.000	736.81	736.81	736.80	736.80	736.80
1,740.000	736.80	736.80	736.80	736.80	736.80
1,750.000	736.79	736.79	736.79	736.79	736.79
1,760.000	736.79	736.79	736.78	736.78	736.78
1,770.000	736.78	736.78	736.78	736.78	736.77
1,780.000	736.77	736.77	736.77	736.77	736.77
1,790.000	736.77	736.76	736.76	736.76	736.76
1,800.000	736.76	736.76	736.76	736.75	736.75
1,810.000	736.75	736.75	736.75	736.75	736.75
1,820.000	736.75	736.74	736.74	736.74	736.74
1,830.000	736.74	736.74	736.74	736.73	736.73
1,840.000	736.73	736.73	736.73	736.73	736.73
1,850.000	736.72	736.72	736.72	736.72	736.72
1,860.000	736.72	736.72	736.71	736.71	736.71
1,870.000	736.71	736.71	736.71	736.71	736.70
1,880.000	736.70	736.70	736.70	736.70	736.70
1,890.000	736.70	736.70	736.69	736.69	736.69
1,900.000	736.69	736.69	736.69	736.69	736.68
1,910.000	736.68	736.68	736.68	736.68	736.68
1,920.000	736.68	736.67	736.67	736.67	736.67
1,930.000	736.67	736.67	736.67	736.66	736.66
1,940.000	736.66	736.66	736.66	736.66	736.66
1,950.000	736.65	736.65	736.65	736.65	736.65
1,960.000	736.65	736.65	736.65	736.64	736.64
1,970.000	736.64	736.64	736.64	736.64	736.64
1,980.000	736.63	736.63	736.63	736.63	736.63
1,990.000	736.63	736.63	736.62	736.62	736.62
2,000.000	736.62	736.62	736.62	736.62	736.61
2,010.000	736.61	736.61	736.61	736.61	736.61
2,020.000	736.60	736.60	736.60	736.60	736.60
2,030.000	736.60	736.59	736.59	736.59	736.59

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV5 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,040.000	736.59	736.59	736.58	736.58	736.58
2,050.000	736.58	736.58	736.58	736.57	736.57
2,060.000	736.57	736.57	736.57	736.57	736.56
2,070.000	736.56	736.56	736.56	736.56	736.56
2,080.000	736.55	736.55	736.55	736.55	736.55
2,090.000	736.55	736.54	736.54	736.54	736.54
2,100.000	736.54	736.54	736.54	736.53	736.53
2,110.000	736.53	736.53	736.53	736.53	736.52
2,120.000	736.52	736.52	736.52	736.52	736.52
2,130.000	736.52	736.51	736.51	736.51	736.51
2,140.000	736.51	736.51	736.50	736.50	736.50
2,150.000	736.50	736.50	736.50	736.49	736.49
2,160.000	736.49	736.49	736.49	736.49	736.49
2,170.000	736.48	736.48	736.48	736.48	736.48
2,180.000	736.48	736.47	736.47	736.47	736.47
2,190.000	736.47	736.47	736.47	736.46	736.46
2,200.000	736.46	736.46	736.46	736.46	736.46
2,210.000	736.45	736.45	736.45	736.45	736.45
2,220.000	736.45	736.45	736.44	736.44	736.44
2,230.000	736.44	736.44	736.44	736.43	736.43
2,240.000	736.43	736.43	736.43	736.43	736.43
2,250.000	736.42	736.42	736.42	736.42	736.42
2,260.000	736.42	736.42	736.41	736.41	736.41
2,270.000	736.41	736.41	736.41	736.41	736.40
2,280.000	736.40	736.40	736.40	736.40	736.40
2,290.000	736.40	736.39	736.39	736.39	736.39
2,300.000	736.39	736.39	736.39	736.38	736.38
2,310.000	736.38	736.38	736.38	736.38	736.38
2,320.000	736.37	736.37	736.37	736.37	736.37
2,330.000	736.37	736.37	736.36	736.36	736.36
2,340.000	736.36	736.36	736.36	736.36	736.35
2,350.000	736.35	736.35	736.35	736.35	736.35
2,360.000	736.35	736.35	736.34	736.34	736.34
2,370.000	736.34	736.34	736.34	736.34	736.33
2,380.000	736.33	736.33	736.33	736.33	736.33
2,390.000	736.33	736.32	736.32	736.32	736.32
2,400.000	736.32	736.32	736.32	736.32	736.31
2,410.000	736.31	736.31	736.31	736.31	736.31
2,420.000	736.31	736.30	736.30	736.30	736.30
2,430.000	736.30	736.30	736.30	736.30	736.29
2,440.000	736.29	736.29	736.29	736.29	736.29

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV5 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,450.000	736.29	736.29	736.28	736.28	736.28
2,460.000	736.28	736.28	736.28	736.28	736.27
2,470.000	736.27	736.27	736.27	736.27	736.27
2,480.000	736.27	736.27	736.26	736.26	736.26
2,490.000	736.26	736.26	736.26	736.26	736.26
2,500.000	736.25	736.25	736.25	736.25	736.25
2,510.000	736.25	736.25	736.25	736.24	736.24
2,520.000	736.24	736.24	736.24	736.24	736.24
2,530.000	736.24	736.23	736.23	736.23	736.23
2,540.000	736.23	736.23	736.23	736.23	736.22
2,550.000	736.22	736.22	736.22	736.22	736.22
2,560.000	736.22	736.22	736.21	736.21	736.21
2,570.000	736.21	736.21	736.21	736.21	736.21
2,580.000	736.20	736.20	736.20	736.20	736.20
2,590.000	736.20	736.20	736.20	736.19	736.19
2,600.000	736.19	736.19	736.19	736.19	736.19
2,610.000	736.19	736.19	736.18	736.18	736.18
2,620.000	736.18	736.18	736.18	736.18	736.18
2,630.000	736.17	736.17	736.17	736.17	736.17
2,640.000	736.17	736.17	736.17	736.17	736.16
2,650.000	736.16	736.16	736.16	736.16	736.16
2,660.000	736.16	736.16	736.15	736.15	736.15
2,670.000	736.15	736.15	736.15	736.15	736.15
2,680.000	736.15	736.14	736.14	736.14	736.14
2,690.000	736.14	736.14	736.14	736.14	736.14
2,700.000	736.13	736.13	736.13	736.13	736.13
2,710.000	736.13	736.13	736.13	736.13	736.12
2,720.000	736.12	736.12	736.12	736.12	736.12
2,730.000	736.12	736.11	736.11	736.11	736.11
2,740.000	736.11	736.11	736.10	736.10	736.10
2,750.000	736.10	736.10	736.09	736.09	736.09
2,760.000	736.09	736.09	736.09	736.08	736.08
2,770.000	736.08	736.08	736.08	736.08	736.07
2,780.000	736.07	736.07	736.07	736.07	736.07
2,790.000	736.06	736.06	736.06	736.06	736.06
2,800.000	736.06	736.05	736.05	736.05	736.05
2,810.000	736.05	736.05	736.04	736.04	736.04
2,820.000	736.04	736.04	736.04	736.03	736.03
2,830.000	736.03	736.03	736.03	736.03	736.02
2,840.000	736.02	736.02	736.02	736.02	736.02
2,850.000	736.02	736.01	736.01	736.01	736.01

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV5 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2,860.000	736.01	736.01	736.00	736.00	736.00
2,870.000	736.00	736.00	736.00	735.99	735.99
2,880.000	735.99	735.99	735.99	735.99	735.99
2,890.000	735.98	735.98	735.98	735.98	735.98
2,900.000	735.98	735.97	735.97	735.97	735.97
2,910.000	735.97	735.97	735.96	735.96	735.96
2,920.000	735.96	735.96	735.96	735.96	735.95
2,930.000	735.95	735.95	735.95	735.95	735.95
2,940.000	735.95	735.94	735.94	735.94	735.94
2,950.000	735.94	735.94	735.93	735.93	735.93
2,960.000	735.93	735.93	735.93	735.93	735.92
2,970.000	735.92	735.92	735.92	735.92	735.92
2,980.000	735.92	735.91	735.91	735.91	735.91
2,990.000	735.91	735.91	735.91	735.90	735.90
3,000.000	735.90	735.90	735.90	735.90	735.90
3,010.000	735.89	735.89	735.89	735.89	735.89
3,020.000	735.89	735.88	735.88	735.88	735.88
3,030.000	735.88	735.88	735.88	735.88	735.87
3,040.000	735.87	735.87	735.87	735.87	735.87
3,050.000	735.87	735.86	735.86	735.86	735.86
3,060.000	735.86	735.86	735.86	735.85	735.85
3,070.000	735.85	735.85	735.85	735.85	735.85
3,080.000	735.84	735.84	735.84	735.84	735.84
3,090.000	735.84	735.84	735.83	735.83	735.83
3,100.000	735.83	735.83	735.83	735.83	735.83
3,110.000	735.82	735.82	735.82	735.82	735.82
3,120.000	735.82	735.82	735.81	735.81	735.81
3,130.000	735.81	735.81	735.81	735.81	735.81
3,140.000	735.80	735.80	735.80	735.80	735.80
3,150.000	735.80	735.80	735.80	735.79	735.79
3,160.000	735.79	735.79	735.79	735.79	735.79
3,170.000	735.78	735.78	735.78	735.78	735.78
3,180.000	735.78	735.78	735.78	735.77	735.77
3,190.000	735.77	735.77	735.77	735.77	735.77
3,200.000	735.77	735.76	735.76	735.76	735.76
3,210.000	735.76	735.76	735.76	735.76	735.75
3,220.000	735.75	735.75	735.75	735.75	735.75
3,230.000	735.75	735.75	735.74	735.74	735.74
3,240.000	735.74	735.74	735.74	735.74	735.74
3,250.000	735.73	735.73	735.73	735.73	735.73
3,260.000	735.73	735.73	735.73	735.73	735.72

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV5 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3,270.000	735.72	735.72	735.72	735.72	735.72
3,280.000	735.72	735.72	735.71	735.71	735.71
3,290.000	735.71	735.71	735.71	735.71	735.71
3,300.000	735.71	735.70	735.70	735.70	735.70
3,310.000	735.70	735.70	735.70	735.70	735.69
3,320.000	735.69	735.69	735.69	735.69	735.69
3,330.000	735.69	735.69	735.69	735.68	735.68
3,340.000	735.68	735.68	735.68	735.68	735.68
3,350.000	735.68	735.68	735.67	735.67	735.67
3,360.000	735.67	735.67	735.67	735.67	735.67
3,370.000	735.66	735.66	735.66	735.66	735.66
3,380.000	735.66	735.66	735.66	735.66	735.66
3,390.000	735.65	735.65	735.65	735.65	735.65
3,400.000	735.65	735.65	735.65	735.65	735.64
3,410.000	735.64	735.64	735.64	735.64	735.64
3,420.000	735.64	735.64	735.64	735.63	735.63
3,430.000	735.63	735.63	735.63	735.63	735.63
3,440.000	735.63	735.63	735.62	735.62	735.62
3,450.000	735.62	735.62	735.62	735.62	735.62
3,460.000	735.62	735.61	735.61	735.61	735.61
3,470.000	735.61	735.61	735.61	735.60	735.60
3,480.000	735.60	735.60	735.60	735.60	735.60
3,490.000	735.59	735.59	735.59	735.59	735.59
3,500.000	735.59	735.59	735.58	735.58	735.58
3,510.000	735.58	735.58	735.58	735.58	735.57
3,520.000	735.57	735.57	735.57	735.57	735.57
3,530.000	735.57	735.57	735.56	735.56	735.56
3,540.000	735.56	735.56	735.56	735.56	735.55
3,550.000	735.55	735.55	735.55	735.55	735.55
3,560.000	735.55	735.54	735.54	735.54	735.54
3,570.000	735.54	735.54	735.54	735.53	735.53
3,580.000	735.53	735.53	735.53	735.53	735.53
3,590.000	735.52	735.52	735.52	735.52	735.52
3,600.000	735.52	735.52	735.52	735.51	735.51
3,610.000	735.51	735.51	735.51	735.51	735.51
3,620.000	735.50	735.50	735.50	735.50	735.50
3,630.000	735.50	735.50	735.49	735.49	735.49
3,640.000	735.49	735.49	735.49	735.49	735.48
3,650.000	735.48	735.48	735.48	735.48	735.48
3,660.000	735.48	735.47	735.47	735.47	735.47
3,670.000	735.47	735.47	735.47	735.47	735.46

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV5 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3,680.000	735.46	735.46	735.46	735.46	735.46
3,690.000	735.46	735.45	735.45	735.45	735.45
3,700.000	735.45	735.45	735.45	735.44	735.44
3,710.000	735.44	735.44	735.44	735.44	735.44
3,720.000	735.43	735.43	735.43	735.43	735.43
3,730.000	735.43	735.43	735.42	735.42	735.42
3,740.000	735.42	735.42	735.42	735.42	735.42
3,750.000	735.41	735.41	735.41	735.41	735.41
3,760.000	735.41	735.41	735.40	735.40	735.40
3,770.000	735.40	735.40	735.40	735.40	735.39
3,780.000	735.39	735.39	735.39	735.39	735.39
3,790.000	735.39	735.38	735.38	735.38	735.38
3,800.000	735.38	735.38	735.38	735.37	735.37
3,810.000	735.37	735.37	735.37	735.37	735.37
3,820.000	735.37	735.36	735.36	735.36	735.36
3,830.000	735.36	735.36	735.36	735.35	735.35
3,840.000	735.35	735.35	735.35	735.35	735.35
3,850.000	735.34	735.34	735.34	735.34	735.34
3,860.000	735.34	735.34	735.33	735.33	735.33
3,870.000	735.33	735.33	735.33	735.33	735.32
3,880.000	735.32	735.32	735.32	735.32	735.32
3,890.000	735.32	735.32	735.31	735.31	735.31
3,900.000	735.31	735.31	735.31	735.31	735.30
3,910.000	735.30	735.30	735.30	735.30	735.30
3,920.000	735.30	735.29	735.29	735.29	735.29
3,930.000	735.29	735.29	735.29	735.28	735.28
3,940.000	735.28	735.28	735.28	735.28	735.28
3,950.000	735.27	735.27	735.27	735.27	735.27
3,960.000	735.27	735.27	735.27	735.26	735.26
3,970.000	735.26	735.26	735.26	735.26	735.26
3,980.000	735.25	735.25	735.25	735.25	735.25
3,990.000	735.25	735.25	735.24	735.24	735.24
4,000.000	735.24	735.24	735.24	735.24	735.23
4,010.000	735.23	735.23	735.23	735.23	735.23
4,020.000	735.23	735.22	735.22	735.22	735.22
4,030.000	735.22	735.22	735.22	735.22	735.21
4,040.000	735.21	735.21	735.21	735.21	735.21
4,050.000	735.21	735.20	735.20	735.20	735.20
4,060.000	735.20	735.20	735.20	735.19	735.19
4,070.000	735.19	735.19	735.19	735.19	735.19
4,080.000	735.18	735.18	735.18	735.18	735.18

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation

Label: WQV5 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,090.000	735.18	735.18	735.17	735.17	735.17
4,100.000	735.17	735.17	735.17	735.17	735.17
4,110.000	735.16	735.16	735.16	735.16	735.16
4,120.000	735.16	735.16	735.15	735.15	735.15
4,130.000	735.15	735.15	735.15	735.15	735.14
4,140.000	735.14	735.14	735.14	735.14	735.14
4,150.000	735.14	735.13	735.13	735.13	735.13
4,160.000	735.13	735.13	735.13	735.12	735.12
4,170.000	735.12	735.12	735.12	735.12	735.12
4,180.000	735.12	735.11	735.11	735.11	735.11
4,190.000	735.11	735.11	735.11	735.10	735.10
4,200.000	735.10	735.10	735.10	735.10	735.10
4,210.000	735.09	735.09	735.09	735.09	735.09
4,220.000	735.09	735.09	735.08	735.08	735.08
4,230.000	735.08	735.08	735.08	735.08	735.07
4,240.000	735.07	735.07	735.07	735.07	735.07
4,250.000	735.07	735.07	735.06	735.06	735.06
4,260.000	735.06	735.06	735.06	735.06	735.05
4,270.000	735.05	735.05	735.05	735.05	735.05
4,280.000	735.05	735.04	735.04	735.04	735.04
4,290.000	735.04	735.04	735.04	735.03	735.03
4,300.000	735.03	735.03	735.03	735.03	735.03
4,310.000	735.02	735.02	735.02	735.02	735.02
4,320.000	735.02	735.02	735.02	735.01	735.01
4,330.000	735.01	735.01	735.01	735.01	735.01
4,340.000	735.00	735.00	735.00	735.00	735.00
4,350.000	735.00	735.00	734.99	734.99	734.99
4,360.000	734.99	734.99	734.99	734.99	734.98
4,370.000	734.98	734.98	734.98	734.98	734.98
4,380.000	734.98	734.97	734.97	734.97	734.97
4,390.000	734.97	734.97	734.97	734.97	734.96
4,400.000	734.96	734.96	734.96	734.96	734.96
4,410.000	734.96	734.95	734.95	734.95	734.95
4,420.000	734.95	734.95	734.95	734.94	734.94
4,430.000	734.94	734.94	734.94	734.94	734.94
4,440.000	734.93	734.93	734.93	734.93	734.93
4,450.000	734.93	734.93	734.92	734.92	734.92
4,460.000	734.92	734.92	734.92	734.92	734.92
4,470.000	734.91	734.91	734.91	734.91	734.91
4,480.000	734.91	734.91	734.90	734.90	734.90
4,490.000	734.90	734.90	734.90	734.90	734.89

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation
Label: WQV5 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,500.000	734.89	734.89	734.89	734.89	734.89
4,510.000	734.89	734.88	734.88	734.88	734.88
4,520.000	734.88	734.88	734.88	734.87	734.87
4,530.000	734.87	734.87	734.87	734.87	734.87
4,540.000	734.87	734.86	734.86	734.86	734.86
4,550.000	734.86	734.86	734.86	734.85	734.85
4,560.000	734.85	734.85	734.85	734.85	734.85
4,570.000	734.84	734.84	734.84	734.84	734.84
4,580.000	734.84	734.84	734.83	734.83	734.83
4,590.000	734.83	734.83	734.83	734.83	734.82
4,600.000	734.82	734.82	734.82	734.82	734.82
4,610.000	734.82	734.82	734.81	734.81	734.81
4,620.000	734.81	734.81	734.81	734.81	734.80
4,630.000	734.80	734.80	734.80	734.80	734.80
4,640.000	734.80	734.79	734.79	734.79	734.79
4,650.000	734.79	734.79	734.79	734.78	734.78
4,660.000	734.78	734.78	734.78	734.78	734.78
4,670.000	734.77	734.77	734.77	734.77	734.77
4,680.000	734.77	734.77	734.77	734.76	734.76
4,690.000	734.76	734.76	734.76	734.76	734.76
4,700.000	734.75	734.75	734.75	734.75	734.75
4,710.000	734.75	734.75	734.74	734.74	734.74
4,720.000	734.74	734.74	734.74	734.74	734.73
4,730.000	734.73	734.73	734.73	734.73	734.73
4,740.000	734.73	734.72	734.72	734.72	734.72
4,750.000	734.72	734.72	734.72	734.72	734.71
4,760.000	734.71	734.71	734.71	734.71	734.71
4,770.000	734.71	734.70	734.70	734.70	734.70
4,780.000	734.70	734.70	734.70	734.69	734.69
4,790.000	734.69	734.69	734.69	734.69	734.69
4,800.000	734.68	734.68	734.68	734.68	734.68
4,810.000	734.68	734.68	734.67	734.67	734.67
4,820.000	734.67	734.67	734.67	734.67	734.67
4,830.000	734.66	734.66	734.66	734.66	734.66
4,840.000	734.66	734.66	734.65	734.65	734.65
4,850.000	734.65	734.65	734.65	734.65	734.64
4,860.000	734.64	734.64	734.64	734.64	734.64
4,870.000	734.64	734.63	734.63	734.63	734.63
4,880.000	734.63	734.63	734.63	734.62	734.62
4,890.000	734.62	734.62	734.62	734.62	734.62
4,900.000	734.62	734.61	734.61	734.61	734.61

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation   Return Event: 100 years

Label: WQV5 (IN)   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
4,910.000	734.61	734.61	734.61	734.60	734.60
4,920.000	734.60	734.60	734.60	734.60	734.60
4,930.000	734.59	734.59	734.59	734.59	734.59
4,940.000	734.59	734.59	734.59	734.58	734.58
4,950.000	734.58	734.58	734.58	734.58	734.58
4,960.000	734.58	734.57	734.57	734.57	734.57
4,970.000	734.57	734.57	734.57	734.57	734.56
4,980.000	734.56	734.56	734.56	734.56	734.56
4,990.000	734.56	734.56	734.55	734.55	734.55
5,000.000	734.55	734.55	734.55	734.55	734.55
5,010.000	734.54	734.54	734.54	734.54	734.54
5,020.000	734.54	734.54	734.54	734.54	734.53
5,030.000	734.53	734.53	734.53	734.53	734.53
5,040.000	734.53	734.53	734.53	734.52	734.52
5,050.000	734.52	734.52	734.52	734.52	734.52
5,060.000	734.52	734.52	734.51	734.51	734.51
5,070.000	734.51	734.51	734.51	734.51	734.51
5,080.000	734.51	734.50	734.50	734.50	734.50
5,090.000	734.50	734.50	734.50	734.50	734.50
5,100.000	734.50	734.49	734.49	734.49	734.49
5,110.000	734.49	734.49	734.49	734.49	734.49
5,120.000	734.48	734.48	734.48	734.48	734.48
5,130.000	734.48	734.48	734.48	734.48	734.48
5,140.000	734.47	734.47	734.47	734.47	734.47
5,150.000	734.47	734.47	734.47	734.47	734.47
5,160.000	734.47	734.46	734.46	734.46	734.46
5,170.000	734.46	734.46	734.46	734.46	734.46
5,180.000	734.46	734.45	734.45	734.45	734.45
5,190.000	734.45	734.45	734.45	734.45	734.45
5,200.000	734.45	734.45	734.44	734.44	734.44
5,210.000	734.44	734.44	734.44	734.44	734.44
5,220.000	734.44	734.44	734.44	734.43	734.43
5,230.000	734.43	734.43	734.43	734.43	734.43
5,240.000	734.43	734.43	734.43	734.43	734.43
5,250.000	734.42	734.42	734.42	734.42	734.42
5,260.000	734.42	734.42	734.42	734.42	734.42
5,270.000	734.42	734.42	734.41	734.41	734.41
5,280.000	734.41	734.41	734.41	734.41	734.41
5,290.000	734.41	734.41	734.41	734.41	734.40
5,300.000	734.40	734.40	734.40	734.40	734.40
5,310.000	734.40	734.40	734.40	734.40	734.40

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70/71 Phase 6R Proposed

Subsection: Time vs. Elevation   Return Event: 100 years
Label: WQV5 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5,320.000	734.40	734.40	734.39	734.39	734.39
5,330.000	734.39	734.39	734.39	734.39	734.39
5,340.000	734.39	734.39	734.39	734.39	734.39
5,350.000	734.39	734.38	734.38	734.38	734.38
5,360.000	734.38	734.38	734.38	734.38	734.38
5,370.000	734.38	734.38	734.38	734.38	734.37
5,380.000	734.37	734.37	734.37	734.37	734.37
5,390.000	734.37	734.37	734.37	734.37	734.37
5,400.000	734.37	734.37	734.37	734.37	734.36
5,410.000	734.36	734.36	734.36	734.36	734.36
5,420.000	734.36	734.36	734.36	734.36	734.36
5,430.000	734.36	734.36	734.36	734.36	734.35
5,440.000	734.35	734.35	734.35	734.35	734.35
5,450.000	734.35	734.35	734.35	734.35	734.35
5,460.000	734.35	734.35	734.35	734.35	734.34
5,470.000	734.34	734.34	734.34	734.34	734.34
5,480.000	734.34	734.34	734.34	734.34	734.34
5,490.000	734.34	734.34	734.34	734.34	734.34
5,500.000	734.34	734.33	734.33	734.33	734.33
5,510.000	734.33	734.33	734.33	734.33	734.33
5,520.000	734.33	734.33	734.33	734.33	734.33
5,530.000	734.33	734.33	734.33	734.32	734.32
5,540.000	734.32	734.32	734.32	734.32	734.32
5,550.000	734.32	734.32	734.32	734.32	734.32
5,560.000	734.32	734.32	734.32	734.32	734.32
5,570.000	734.32	734.31	734.31	734.31	734.31
5,580.000	734.31	734.31	734.31	734.31	734.31
5,590.000	734.31	734.31	734.31	734.31	734.31
5,600.000	734.31	734.31	734.31	734.31	734.31
5,610.000	734.30	734.30	734.30	734.30	734.30
5,620.000	734.30	734.30	734.30	734.30	734.30
5,630.000	734.30	734.30	734.30	734.30	734.30
5,640.000	734.30	734.30	734.30	734.30	734.30
5,650.000	734.29	734.29	734.29	734.29	734.29
5,660.000	734.29	734.29	734.29	734.29	734.29
5,670.000	734.29	734.29	734.29	734.29	734.29
5,680.000	734.29	734.29	734.29	734.29	734.29
5,690.000	734.29	734.28	734.28	734.28	734.28
5,700.000	734.28	734.28	734.28	734.28	734.28
5,710.000	734.28	734.28	734.28	734.28	734.28
5,720.000	734.28	734.28	734.28	734.28	734.28

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Subsection: Time vs. Elevation
Label: WQV5 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Elevation (ft)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5,730.000	734.28	734.28	734.28	734.28	734.27
5,740.000	734.27	734.27	734.27	734.27	734.27
5,750.000	734.27	734.27	734.27	734.27	734.27
5,760.000	734.27	(N/A)	(N/A)	(N/A)	(N/A)

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV1
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
20.000	0.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
40.000	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
80.000	0.000	0.000	0.000	0.000	0.000
90.000	0.000	0.000	0.000	0.000	0.000
100.000	0.000	0.000	0.000	0.000	0.000
110.000	0.000	0.000	0.000	0.000	0.000
120.000	0.000	0.000	0.000	0.000	0.000
130.000	0.000	0.000	0.000	0.000	0.000
140.000	0.000	0.000	0.000	0.000	0.000
150.000	0.000	0.000	0.000	0.000	0.000
160.000	0.000	0.000	0.000	0.000	0.000
170.000	0.000	0.000	0.000	0.000	0.000
180.000	0.000	0.000	0.000	0.000	0.000
190.000	1.000	1.000	1.000	1.000	1.000
200.000	1.000	1.000	1.000	1.000	1.000
210.000	1.000	1.000	1.000	1.000	1.000
220.000	1.000	1.000	1.000	1.000	2.000
230.000	2.000	2.000	2.000	2.000	2.000
240.000	2.000	2.000	2.000	2.000	2.000
250.000	2.000	2.000	3.000	3.000	3.000
260.000	3.000	3.000	3.000	3.000	3.000
270.000	3.000	3.000	3.000	4.000	4.000
280.000	4.000	4.000	4.000	4.000	4.000
290.000	4.000	4.000	4.000	5.000	5.000
300.000	5.000	5.000	5.000	5.000	5.000
310.000	5.000	6.000	6.000	6.000	6.000
320.000	6.000	6.000	6.000	7.000	7.000
330.000	7.000	7.000	7.000	7.000	7.000
340.000	8.000	8.000	8.000	8.000	8.000
350.000	8.000	8.000	9.000	9.000	9.000
360.000	9.000	9.000	9.000	10.000	10.000
370.000	10.000	10.000	10.000	10.000	11.000
380.000	11.000	11.000	11.000	11.000	11.000
390.000	12.000	12.000	12.000	12.000	12.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume

Label: WQV1

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
400.000	13.000	13.000	13.000	13.000	13.000
410.000	14.000	14.000	14.000	14.000	14.000
420.000	15.000	15.000	15.000	15.000	15.000
430.000	16.000	16.000	16.000	16.000	17.000
440.000	17.000	17.000	17.000	17.000	18.000
450.000	18.000	18.000	18.000	19.000	19.000
460.000	19.000	19.000	20.000	20.000	20.000
470.000	20.000	21.000	21.000	21.000	21.000
480.000	22.000	22.000	22.000	22.000	23.000
490.000	23.000	23.000	23.000	24.000	24.000
500.000	24.000	25.000	25.000	25.000	26.000
510.000	26.000	26.000	27.000	27.000	27.000
520.000	28.000	28.000	28.000	29.000	29.000
530.000	30.000	30.000	30.000	31.000	31.000
540.000	32.000	32.000	33.000	33.000	33.000
550.000	34.000	34.000	35.000	35.000	36.000
560.000	36.000	37.000	37.000	38.000	38.000
570.000	38.000	39.000	39.000	40.000	40.000
580.000	41.000	41.000	42.000	42.000	43.000
590.000	43.000	44.000	44.000	45.000	45.000
600.000	46.000	46.000	47.000	47.000	48.000
610.000	48.000	49.000	49.000	50.000	51.000
620.000	51.000	52.000	53.000	53.000	54.000
630.000	55.000	56.000	57.000	58.000	59.000
640.000	60.000	61.000	62.000	63.000	64.000
650.000	65.000	66.000	66.000	67.000	68.000
660.000	69.000	70.000	71.000	72.000	73.000
670.000	74.000	76.000	77.000	78.000	80.000
680.000	82.000	83.000	85.000	87.000	89.000
690.000	91.000	93.000	96.000	98.000	101.000
700.000	105.000	110.000	117.000	125.000	134.000
710.000	145.000	159.000	166.000	167.000	168.000
720.000	168.000	168.000	167.000	166.000	164.000
730.000	163.000	162.000	162.000	161.000	161.000
740.000	161.000	161.000	161.000	161.000	161.000
750.000	161.000	161.000	161.000	160.000	160.000
760.000	160.000	160.000	160.000	160.000	160.000
770.000	160.000	160.000	160.000	160.000	160.000
780.000	160.000	160.000	160.000	160.000	160.000
790.000	160.000	160.000	160.000	160.000	160.000
800.000	160.000	160.000	160.000	160.000	160.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV1
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
810.000	160.000	160.000	160.000	160.000	160.000
820.000	160.000	160.000	160.000	160.000	160.000
830.000	160.000	160.000	160.000	160.000	160.000
840.000	160.000	160.000	160.000	160.000	160.000
850.000	160.000	160.000	160.000	160.000	160.000
860.000	160.000	160.000	160.000	160.000	160.000
870.000	160.000	160.000	160.000	160.000	160.000
880.000	160.000	160.000	160.000	160.000	160.000
890.000	160.000	160.000	160.000	160.000	160.000
900.000	160.000	160.000	160.000	160.000	160.000
910.000	160.000	160.000	160.000	160.000	160.000
920.000	160.000	160.000	160.000	160.000	160.000
930.000	160.000	160.000	160.000	160.000	160.000
940.000	160.000	160.000	160.000	160.000	160.000
950.000	160.000	160.000	160.000	160.000	160.000
960.000	160.000	160.000	160.000	160.000	160.000
970.000	160.000	160.000	160.000	160.000	160.000
980.000	160.000	160.000	160.000	160.000	160.000
990.000	160.000	160.000	160.000	160.000	160.000
1,000.000	160.000	160.000	160.000	160.000	160.000
1,010.000	160.000	160.000	160.000	160.000	160.000
1,020.000	160.000	160.000	160.000	160.000	160.000
1,030.000	160.000	160.000	160.000	160.000	160.000
1,040.000	160.000	160.000	160.000	160.000	160.000
1,050.000	160.000	160.000	160.000	160.000	160.000
1,060.000	160.000	160.000	160.000	160.000	160.000
1,070.000	160.000	160.000	160.000	160.000	160.000
1,080.000	160.000	160.000	160.000	160.000	160.000
1,090.000	160.000	160.000	160.000	160.000	160.000
1,100.000	160.000	160.000	160.000	160.000	160.000
1,110.000	160.000	160.000	160.000	160.000	160.000
1,120.000	160.000	160.000	160.000	160.000	160.000
1,130.000	160.000	160.000	160.000	160.000	160.000
1,140.000	160.000	160.000	160.000	160.000	160.000
1,150.000	160.000	160.000	160.000	160.000	160.000
1,160.000	160.000	160.000	160.000	160.000	160.000
1,170.000	160.000	160.000	160.000	160.000	160.000
1,180.000	160.000	160.000	160.000	160.000	160.000
1,190.000	160.000	160.000	160.000	160.000	160.000
1,200.000	160.000	160.000	160.000	160.000	160.000
1,210.000	160.000	160.000	160.000	160.000	160.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV1
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
1,220.000	160.000	160.000	160.000	160.000	160.000
1,230.000	160.000	160.000	160.000	160.000	160.000
1,240.000	160.000	160.000	160.000	160.000	160.000
1,250.000	160.000	160.000	160.000	160.000	160.000
1,260.000	160.000	160.000	160.000	160.000	160.000
1,270.000	160.000	160.000	160.000	160.000	160.000
1,280.000	160.000	160.000	160.000	160.000	160.000
1,290.000	160.000	160.000	160.000	160.000	160.000
1,300.000	160.000	160.000	160.000	160.000	160.000
1,310.000	160.000	160.000	160.000	160.000	160.000
1,320.000	160.000	160.000	160.000	160.000	160.000
1,330.000	160.000	160.000	160.000	160.000	160.000
1,340.000	160.000	160.000	160.000	160.000	160.000
1,350.000	160.000	160.000	160.000	160.000	160.000
1,360.000	160.000	160.000	160.000	160.000	160.000
1,370.000	160.000	160.000	160.000	160.000	160.000
1,380.000	160.000	160.000	160.000	160.000	160.000
1,390.000	160.000	160.000	160.000	160.000	160.000
1,400.000	160.000	160.000	160.000	160.000	160.000
1,410.000	160.000	160.000	160.000	160.000	160.000
1,420.000	160.000	160.000	160.000	160.000	160.000
1,430.000	160.000	160.000	160.000	160.000	160.000
1,440.000	160.000	160.000	160.000	160.000	160.000
1,450.000	160.000	160.000	160.000	160.000	159.000
1,460.000	159.000	159.000	159.000	159.000	159.000
1,470.000	159.000	159.000	159.000	159.000	158.000
1,480.000	158.000	158.000	158.000	158.000	158.000
1,490.000	158.000	158.000	158.000	157.000	157.000
1,500.000	157.000	157.000	157.000	157.000	157.000
1,510.000	157.000	157.000	157.000	156.000	156.000
1,520.000	156.000	156.000	156.000	156.000	156.000
1,530.000	156.000	156.000	156.000	155.000	155.000
1,540.000	155.000	155.000	155.000	155.000	155.000
1,550.000	155.000	155.000	155.000	154.000	154.000
1,560.000	154.000	154.000	154.000	154.000	154.000
1,570.000	154.000	154.000	153.000	153.000	153.000
1,580.000	153.000	153.000	153.000	153.000	153.000
1,590.000	153.000	153.000	152.000	152.000	152.000
1,600.000	152.000	152.000	152.000	152.000	152.000
1,610.000	152.000	152.000	151.000	151.000	151.000
1,620.000	151.000	151.000	151.000	151.000	151.000

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Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
1,630.000	151.000	150.000	150.000	150.000	150.000
1,640.000	150.000	150.000	150.000	150.000	150.000
1,650.000	150.000	149.000	149.000	149.000	149.000
1,660.000	149.000	149.000	149.000	149.000	149.000
1,670.000	149.000	148.000	148.000	148.000	148.000
1,680.000	148.000	148.000	148.000	148.000	148.000
1,690.000	148.000	147.000	147.000	147.000	147.000
1,700.000	147.000	147.000	147.000	147.000	147.000
1,710.000	146.000	146.000	146.000	146.000	146.000
1,720.000	146.000	146.000	146.000	146.000	146.000
1,730.000	145.000	145.000	145.000	145.000	145.000
1,740.000	145.000	145.000	145.000	145.000	145.000
1,750.000	144.000	144.000	144.000	144.000	144.000
1,760.000	144.000	144.000	144.000	144.000	143.000
1,770.000	143.000	143.000	143.000	143.000	143.000
1,780.000	143.000	143.000	143.000	143.000	142.000
1,790.000	142.000	142.000	142.000	142.000	142.000
1,800.000	142.000	142.000	142.000	142.000	141.000
1,810.000	141.000	141.000	141.000	141.000	141.000
1,820.000	141.000	141.000	141.000	141.000	140.000
1,830.000	140.000	140.000	140.000	140.000	140.000
1,840.000	140.000	140.000	140.000	139.000	139.000
1,850.000	139.000	139.000	139.000	139.000	139.000
1,860.000	139.000	139.000	139.000	138.000	138.000
1,870.000	138.000	138.000	138.000	138.000	138.000
1,880.000	138.000	138.000	138.000	137.000	137.000
1,890.000	137.000	137.000	137.000	137.000	137.000
1,900.000	137.000	137.000	137.000	136.000	136.000
1,910.000	136.000	136.000	136.000	136.000	136.000
1,920.000	136.000	136.000	135.000	135.000	135.000
1,930.000	135.000	135.000	135.000	135.000	135.000
1,940.000	135.000	135.000	134.000	134.000	134.000
1,950.000	134.000	134.000	134.000	134.000	134.000
1,960.000	134.000	134.000	133.000	133.000	133.000
1,970.000	133.000	133.000	133.000	133.000	133.000
1,980.000	133.000	132.000	132.000	132.000	132.000
1,990.000	132.000	132.000	132.000	132.000	132.000
2,000.000	132.000	131.000	131.000	131.000	131.000
2,010.000	131.000	131.000	131.000	131.000	131.000
2,020.000	131.000	130.000	130.000	130.000	130.000
2,030.000	130.000	130.000	130.000	130.000	130.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV1   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,040.000	130.000	129.000	129.000	129.000	129.000
2,050.000	129.000	129.000	129.000	129.000	129.000
2,060.000	128.000	128.000	128.000	128.000	128.000
2,070.000	128.000	128.000	128.000	128.000	128.000
2,080.000	127.000	127.000	127.000	127.000	127.000
2,090.000	127.000	127.000	127.000	127.000	127.000
2,100.000	126.000	126.000	126.000	126.000	126.000
2,110.000	126.000	126.000	126.000	126.000	125.000
2,120.000	125.000	125.000	125.000	125.000	125.000
2,130.000	125.000	125.000	125.000	125.000	124.000
2,140.000	124.000	124.000	124.000	124.000	124.000
2,150.000	124.000	124.000	124.000	124.000	123.000
2,160.000	123.000	123.000	123.000	123.000	123.000
2,170.000	123.000	123.000	123.000	123.000	122.000
2,180.000	122.000	122.000	122.000	122.000	122.000
2,190.000	122.000	122.000	122.000	121.000	121.000
2,200.000	121.000	121.000	121.000	121.000	121.000
2,210.000	121.000	121.000	121.000	120.000	120.000
2,220.000	120.000	120.000	120.000	120.000	120.000
2,230.000	120.000	120.000	120.000	119.000	119.000
2,240.000	119.000	119.000	119.000	119.000	119.000
2,250.000	119.000	119.000	119.000	118.000	118.000
2,260.000	118.000	118.000	118.000	118.000	118.000
2,270.000	118.000	118.000	117.000	117.000	117.000
2,280.000	117.000	117.000	117.000	117.000	117.000
2,290.000	117.000	117.000	116.000	116.000	116.000
2,300.000	116.000	116.000	116.000	116.000	116.000
2,310.000	116.000	116.000	115.000	115.000	115.000
2,320.000	115.000	115.000	115.000	115.000	115.000
2,330.000	115.000	114.000	114.000	114.000	114.000
2,340.000	114.000	114.000	114.000	114.000	114.000
2,350.000	114.000	113.000	113.000	113.000	113.000
2,360.000	113.000	113.000	113.000	113.000	113.000
2,370.000	113.000	112.000	112.000	112.000	112.000
2,380.000	112.000	112.000	112.000	112.000	112.000
2,390.000	112.000	111.000	111.000	111.000	111.000
2,400.000	111.000	111.000	111.000	111.000	111.000
2,410.000	110.000	110.000	110.000	110.000	110.000
2,420.000	110.000	110.000	110.000	110.000	110.000
2,430.000	109.000	109.000	109.000	109.000	109.000
2,440.000	109.000	109.000	109.000	109.000	109.000

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Subsection: Time vs. Volume
Label: WQV1
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,450.000	108.000	108.000	108.000	108.000	108.000
2,460.000	108.000	108.000	108.000	108.000	107.000
2,470.000	107.000	107.000	107.000	107.000	107.000
2,480.000	107.000	107.000	107.000	107.000	106.000
2,490.000	106.000	106.000	106.000	106.000	106.000
2,500.000	106.000	106.000	106.000	106.000	105.000
2,510.000	105.000	105.000	105.000	105.000	105.000
2,520.000	105.000	105.000	105.000	105.000	104.000
2,530.000	104.000	104.000	104.000	104.000	104.000
2,540.000	104.000	104.000	104.000	103.000	103.000
2,550.000	103.000	103.000	103.000	103.000	103.000
2,560.000	103.000	103.000	103.000	102.000	102.000
2,570.000	102.000	102.000	102.000	102.000	102.000
2,580.000	102.000	102.000	102.000	101.000	101.000
2,590.000	101.000	101.000	101.000	101.000	101.000
2,600.000	101.000	101.000	101.000	100.000	100.000
2,610.000	100.000	100.000	100.000	100.000	100.000
2,620.000	100.000	100.000	99.000	99.000	99.000
2,630.000	99.000	99.000	99.000	99.000	99.000
2,640.000	99.000	99.000	98.000	98.000	98.000
2,650.000	98.000	98.000	98.000	98.000	98.000
2,660.000	98.000	98.000	97.000	97.000	97.000
2,670.000	97.000	97.000	97.000	97.000	97.000
2,680.000	97.000	96.000	96.000	96.000	96.000
2,690.000	96.000	96.000	96.000	96.000	96.000
2,700.000	96.000	95.000	95.000	95.000	95.000
2,710.000	95.000	95.000	95.000	95.000	95.000
2,720.000	95.000	94.000	94.000	94.000	94.000
2,730.000	94.000	94.000	94.000	94.000	93.000
2,740.000	93.000	93.000	93.000	93.000	93.000
2,750.000	93.000	93.000	92.000	92.000	92.000
2,760.000	92.000	92.000	92.000	92.000	92.000
2,770.000	92.000	91.000	91.000	91.000	91.000
2,780.000	91.000	91.000	91.000	91.000	90.000
2,790.000	90.000	90.000	90.000	90.000	90.000
2,800.000	90.000	90.000	90.000	89.000	89.000
2,810.000	89.000	89.000	89.000	89.000	89.000
2,820.000	89.000	89.000	88.000	88.000	88.000
2,830.000	88.000	88.000	88.000	88.000	88.000
2,840.000	88.000	87.000	87.000	87.000	87.000
2,850.000	87.000	87.000	87.000	87.000	87.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV1
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,860.000	87.000	86.000	86.000	86.000	86.000
2,870.000	86.000	86.000	86.000	86.000	86.000
2,880.000	85.000	85.000	85.000	85.000	85.000
2,890.000	85.000	85.000	85.000	85.000	85.000
2,900.000	84.000	84.000	84.000	84.000	84.000
2,910.000	84.000	84.000	84.000	84.000	84.000
2,920.000	83.000	83.000	83.000	83.000	83.000
2,930.000	83.000	83.000	83.000	83.000	83.000
2,940.000	82.000	82.000	82.000	82.000	82.000
2,950.000	82.000	82.000	82.000	82.000	82.000
2,960.000	82.000	81.000	81.000	81.000	81.000
2,970.000	81.000	81.000	81.000	81.000	81.000
2,980.000	81.000	81.000	80.000	80.000	80.000
2,990.000	80.000	80.000	80.000	80.000	80.000
3,000.000	80.000	80.000	80.000	79.000	79.000
3,010.000	79.000	79.000	79.000	79.000	79.000
3,020.000	79.000	79.000	79.000	79.000	78.000
3,030.000	78.000	78.000	78.000	78.000	78.000
3,040.000	78.000	78.000	78.000	78.000	78.000
3,050.000	78.000	77.000	77.000	77.000	77.000
3,060.000	77.000	77.000	77.000	77.000	77.000
3,070.000	77.000	77.000	77.000	76.000	76.000
3,080.000	76.000	76.000	76.000	76.000	76.000
3,090.000	76.000	76.000	76.000	76.000	76.000
3,100.000	75.000	75.000	75.000	75.000	75.000
3,110.000	75.000	75.000	75.000	75.000	75.000
3,120.000	75.000	75.000	74.000	74.000	74.000
3,130.000	74.000	74.000	74.000	74.000	74.000
3,140.000	74.000	74.000	74.000	74.000	74.000
3,150.000	73.000	73.000	73.000	73.000	73.000
3,160.000	73.000	73.000	73.000	73.000	73.000
3,170.000	73.000	73.000	73.000	73.000	72.000
3,180.000	72.000	72.000	72.000	72.000	72.000
3,190.000	72.000	72.000	72.000	72.000	72.000
3,200.000	72.000	72.000	72.000	71.000	71.000
3,210.000	71.000	71.000	71.000	71.000	71.000
3,220.000	71.000	71.000	71.000	71.000	71.000
3,230.000	71.000	71.000	70.000	70.000	70.000
3,240.000	70.000	70.000	70.000	70.000	70.000
3,250.000	70.000	70.000	70.000	70.000	70.000
3,260.000	70.000	69.000	69.000	69.000	69.000

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[08.11.01.56]
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70/71 Phase 6R Proposed

Subsection: Time vs. Volume

Label: WQV1

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
3,270.000	69.000	69.000	69.000	69.000	69.000
3,280.000	69.000	69.000	69.000	69.000	69.000
3,290.000	69.000	69.000	68.000	68.000	68.000
3,300.000	68.000	68.000	68.000	68.000	68.000
3,310.000	68.000	68.000	68.000	68.000	68.000
3,320.000	68.000	68.000	67.000	67.000	67.000
3,330.000	67.000	67.000	67.000	67.000	67.000
3,340.000	67.000	67.000	67.000	67.000	67.000
3,350.000	67.000	67.000	67.000	66.000	66.000
3,360.000	66.000	66.000	66.000	66.000	66.000
3,370.000	66.000	66.000	66.000	66.000	66.000
3,380.000	66.000	66.000	66.000	66.000	66.000
3,390.000	65.000	65.000	65.000	65.000	65.000
3,400.000	65.000	65.000	65.000	65.000	65.000
3,410.000	65.000	65.000	65.000	65.000	65.000
3,420.000	65.000	65.000	65.000	64.000	64.000
3,430.000	64.000	64.000	64.000	64.000	64.000
3,440.000	64.000	64.000	64.000	64.000	64.000
3,450.000	64.000	64.000	64.000	63.000	63.000
3,460.000	63.000	63.000	63.000	63.000	63.000
3,470.000	63.000	63.000	63.000	63.000	63.000
3,480.000	62.000	62.000	62.000	62.000	62.000
3,490.000	62.000	62.000	62.000	62.000	62.000
3,500.000	62.000	62.000	61.000	61.000	61.000
3,510.000	61.000	61.000	61.000	61.000	61.000
3,520.000	61.000	61.000	61.000	61.000	61.000
3,530.000	60.000	60.000	60.000	60.000	60.000
3,540.000	60.000	60.000	60.000	60.000	60.000
3,550.000	60.000	60.000	60.000	59.000	59.000
3,560.000	59.000	59.000	59.000	59.000	59.000
3,570.000	59.000	59.000	59.000	59.000	59.000
3,580.000	59.000	59.000	58.000	58.000	58.000
3,590.000	58.000	58.000	58.000	58.000	58.000
3,600.000	58.000	58.000	58.000	58.000	58.000
3,610.000	58.000	58.000	57.000	57.000	57.000
3,620.000	57.000	57.000	57.000	57.000	57.000
3,630.000	57.000	57.000	57.000	57.000	57.000
3,640.000	57.000	57.000	56.000	56.000	56.000
3,650.000	56.000	56.000	56.000	56.000	56.000
3,660.000	56.000	56.000	56.000	56.000	56.000
3,670.000	56.000	56.000	56.000	55.000	55.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV1
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
3,680.000	55.000	55.000	55.000	55.000	55.000
3,690.000	55.000	55.000	55.000	55.000	55.000
3,700.000	55.000	55.000	55.000	55.000	54.000
3,710.000	54.000	54.000	54.000	54.000	54.000
3,720.000	54.000	54.000	54.000	54.000	54.000
3,730.000	54.000	54.000	54.000	54.000	54.000
3,740.000	54.000	54.000	53.000	53.000	53.000
3,750.000	53.000	53.000	53.000	53.000	53.000
3,760.000	53.000	53.000	53.000	53.000	53.000
3,770.000	53.000	53.000	53.000	53.000	53.000
3,780.000	52.000	52.000	52.000	52.000	52.000
3,790.000	52.000	52.000	52.000	52.000	52.000
3,800.000	52.000	52.000	52.000	52.000	52.000
3,810.000	52.000	52.000	52.000	52.000	51.000
3,820.000	51.000	51.000	51.000	51.000	51.000
3,830.000	51.000	51.000	51.000	51.000	51.000
3,840.000	51.000	51.000	51.000	51.000	51.000
3,850.000	51.000	51.000	51.000	51.000	51.000
3,860.000	50.000	50.000	50.000	50.000	50.000
3,870.000	50.000	50.000	50.000	50.000	50.000
3,880.000	50.000	50.000	50.000	50.000	50.000
3,890.000	50.000	50.000	50.000	50.000	50.000
3,900.000	50.000	49.000	49.000	49.000	49.000
3,910.000	49.000	49.000	49.000	49.000	49.000
3,920.000	49.000	49.000	49.000	49.000	49.000
3,930.000	49.000	49.000	49.000	49.000	49.000
3,940.000	49.000	49.000	49.000	49.000	48.000
3,950.000	48.000	48.000	48.000	48.000	48.000
3,960.000	48.000	48.000	48.000	48.000	48.000
3,970.000	48.000	48.000	48.000	48.000	48.000
3,980.000	48.000	48.000	48.000	48.000	48.000
3,990.000	48.000	48.000	48.000	48.000	47.000
4,000.000	47.000	47.000	47.000	47.000	47.000
4,010.000	47.000	47.000	47.000	47.000	47.000
4,020.000	47.000	47.000	47.000	47.000	47.000
4,030.000	47.000	47.000	47.000	47.000	47.000
4,040.000	47.000	47.000	47.000	47.000	47.000
4,050.000	46.000	46.000	46.000	46.000	46.000
4,060.000	46.000	46.000	46.000	46.000	46.000
4,070.000	46.000	46.000	46.000	46.000	46.000
4,080.000	46.000	46.000	46.000	46.000	46.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV1
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,090.000	46.000	46.000	46.000	46.000	46.000
4,100.000	46.000	46.000	46.000	45.000	45.000
4,110.000	45.000	45.000	45.000	45.000	45.000
4,120.000	45.000	45.000	45.000	45.000	45.000
4,130.000	45.000	45.000	45.000	45.000	45.000
4,140.000	45.000	45.000	45.000	45.000	45.000
4,150.000	45.000	45.000	45.000	45.000	45.000
4,160.000	45.000	45.000	45.000	45.000	44.000
4,170.000	44.000	44.000	44.000	44.000	44.000
4,180.000	44.000	44.000	44.000	44.000	44.000
4,190.000	44.000	44.000	44.000	44.000	44.000
4,200.000	44.000	44.000	44.000	44.000	44.000
4,210.000	44.000	44.000	44.000	44.000	43.000
4,220.000	43.000	43.000	43.000	43.000	43.000
4,230.000	43.000	43.000	43.000	43.000	43.000
4,240.000	43.000	43.000	43.000	43.000	43.000
4,250.000	43.000	43.000	43.000	43.000	43.000
4,260.000	43.000	43.000	43.000	42.000	42.000
4,270.000	42.000	42.000	42.000	42.000	42.000
4,280.000	42.000	42.000	42.000	42.000	42.000
4,290.000	42.000	42.000	42.000	42.000	42.000
4,300.000	42.000	42.000	42.000	42.000	42.000
4,310.000	42.000	42.000	42.000	41.000	41.000
4,320.000	41.000	41.000	41.000	41.000	41.000
4,330.000	41.000	41.000	41.000	41.000	41.000
4,340.000	41.000	41.000	41.000	41.000	41.000
4,350.000	41.000	41.000	41.000	41.000	41.000
4,360.000	41.000	41.000	40.000	40.000	40.000
4,370.000	40.000	40.000	40.000	40.000	40.000
4,380.000	40.000	40.000	40.000	40.000	40.000
4,390.000	40.000	40.000	40.000	40.000	40.000
4,400.000	40.000	40.000	40.000	40.000	40.000
4,410.000	40.000	39.000	39.000	39.000	39.000
4,420.000	39.000	39.000	39.000	39.000	39.000
4,430.000	39.000	39.000	39.000	39.000	39.000
4,440.000	39.000	39.000	39.000	39.000	39.000
4,450.000	39.000	39.000	39.000	39.000	39.000
4,460.000	38.000	38.000	38.000	38.000	38.000
4,470.000	38.000	38.000	38.000	38.000	38.000
4,480.000	38.000	38.000	38.000	38.000	38.000
4,490.000	38.000	38.000	38.000	38.000	38.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV1
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,500.000	38.000	38.000	38.000	38.000	38.000
4,510.000	37.000	37.000	37.000	37.000	37.000
4,520.000	37.000	37.000	37.000	37.000	37.000
4,530.000	37.000	37.000	37.000	37.000	37.000
4,540.000	37.000	37.000	37.000	37.000	37.000
4,550.000	37.000	37.000	37.000	37.000	36.000
4,560.000	36.000	36.000	36.000	36.000	36.000
4,570.000	36.000	36.000	36.000	36.000	36.000
4,580.000	36.000	36.000	36.000	36.000	36.000
4,590.000	36.000	36.000	36.000	36.000	36.000
4,600.000	36.000	36.000	36.000	35.000	35.000
4,610.000	35.000	35.000	35.000	35.000	35.000
4,620.000	35.000	35.000	35.000	35.000	35.000
4,630.000	35.000	35.000	35.000	35.000	35.000
4,640.000	35.000	35.000	35.000	35.000	35.000
4,650.000	35.000	35.000	35.000	34.000	34.000
4,660.000	34.000	34.000	34.000	34.000	34.000
4,670.000	34.000	34.000	34.000	34.000	34.000
4,680.000	34.000	34.000	34.000	34.000	34.000
4,690.000	34.000	34.000	34.000	34.000	34.000
4,700.000	34.000	34.000	33.000	33.000	33.000
4,710.000	33.000	33.000	33.000	33.000	33.000
4,720.000	33.000	33.000	33.000	33.000	33.000
4,730.000	33.000	33.000	33.000	33.000	33.000
4,740.000	33.000	33.000	33.000	33.000	33.000
4,750.000	33.000	32.000	32.000	32.000	32.000
4,760.000	32.000	32.000	32.000	32.000	32.000
4,770.000	32.000	32.000	32.000	32.000	32.000
4,780.000	32.000	32.000	32.000	32.000	32.000
4,790.000	32.000	32.000	32.000	32.000	32.000
4,800.000	32.000	31.000	31.000	31.000	31.000
4,810.000	31.000	31.000	31.000	31.000	31.000
4,820.000	31.000	31.000	31.000	31.000	31.000
4,830.000	31.000	31.000	31.000	31.000	31.000
4,840.000	31.000	31.000	31.000	31.000	31.000
4,850.000	30.000	30.000	30.000	30.000	30.000
4,860.000	30.000	30.000	30.000	30.000	30.000
4,870.000	30.000	30.000	30.000	30.000	30.000
4,880.000	30.000	30.000	30.000	30.000	30.000
4,890.000	30.000	30.000	30.000	30.000	29.000
4,900.000	29.000	29.000	29.000	29.000	29.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV1
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,910.000	29.000	29.000	29.000	29.000	29.000
4,920.000	29.000	29.000	29.000	29.000	29.000
4,930.000	29.000	29.000	29.000	29.000	29.000
4,940.000	29.000	29.000	29.000	29.000	28.000
4,950.000	28.000	28.000	28.000	28.000	28.000
4,960.000	28.000	28.000	28.000	28.000	28.000
4,970.000	28.000	28.000	28.000	28.000	28.000
4,980.000	28.000	28.000	28.000	28.000	28.000
4,990.000	28.000	28.000	28.000	27.000	27.000
5,000.000	27.000	27.000	27.000	27.000	27.000
5,010.000	27.000	27.000	27.000	27.000	27.000
5,020.000	27.000	27.000	27.000	27.000	27.000
5,030.000	27.000	27.000	27.000	27.000	27.000
5,040.000	27.000	27.000	26.000	26.000	26.000
5,050.000	26.000	26.000	26.000	26.000	26.000
5,060.000	26.000	26.000	26.000	26.000	26.000
5,070.000	26.000	26.000	26.000	26.000	26.000
5,080.000	26.000	26.000	26.000	26.000	26.000
5,090.000	26.000	25.000	25.000	25.000	25.000
5,100.000	25.000	25.000	25.000	25.000	25.000
5,110.000	25.000	25.000	25.000	25.000	25.000
5,120.000	25.000	25.000	25.000	25.000	25.000
5,130.000	25.000	25.000	25.000	25.000	25.000
5,140.000	25.000	24.000	24.000	24.000	24.000
5,150.000	24.000	24.000	24.000	24.000	24.000
5,160.000	24.000	24.000	24.000	24.000	24.000
5,170.000	24.000	24.000	24.000	24.000	24.000
5,180.000	24.000	24.000	24.000	24.000	24.000
5,190.000	23.000	23.000	23.000	23.000	23.000
5,200.000	23.000	23.000	23.000	23.000	23.000
5,210.000	23.000	23.000	23.000	23.000	23.000
5,220.000	23.000	23.000	23.000	23.000	23.000
5,230.000	23.000	23.000	23.000	23.000	22.000
5,240.000	22.000	22.000	22.000	22.000	22.000
5,250.000	22.000	22.000	22.000	22.000	22.000
5,260.000	22.000	22.000	22.000	22.000	22.000
5,270.000	22.000	22.000	22.000	22.000	22.000
5,280.000	22.000	22.000	22.000	22.000	21.000
5,290.000	21.000	21.000	21.000	21.000	21.000
5,300.000	21.000	21.000	21.000	21.000	21.000
5,310.000	21.000	21.000	21.000	21.000	21.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV1
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5,320.000	21.000	21.000	21.000	21.000	21.000
5,330.000	21.000	21.000	21.000	20.000	20.000
5,340.000	20.000	20.000	20.000	20.000	20.000
5,350.000	20.000	20.000	20.000	20.000	20.000
5,360.000	20.000	20.000	20.000	20.000	20.000
5,370.000	20.000	20.000	20.000	20.000	20.000
5,380.000	20.000	20.000	19.000	19.000	19.000
5,390.000	19.000	19.000	19.000	19.000	19.000
5,400.000	19.000	19.000	19.000	19.000	19.000
5,410.000	19.000	19.000	19.000	19.000	19.000
5,420.000	19.000	19.000	19.000	19.000	19.000
5,430.000	19.000	19.000	18.000	18.000	18.000
5,440.000	18.000	18.000	18.000	18.000	18.000
5,450.000	18.000	18.000	18.000	18.000	18.000
5,460.000	18.000	18.000	18.000	18.000	18.000
5,470.000	18.000	18.000	18.000	18.000	18.000
5,480.000	18.000	17.000	17.000	17.000	17.000
5,490.000	17.000	17.000	17.000	17.000	17.000
5,500.000	17.000	17.000	17.000	17.000	17.000
5,510.000	17.000	17.000	17.000	17.000	17.000
5,520.000	17.000	17.000	17.000	17.000	17.000
5,530.000	16.000	16.000	16.000	16.000	16.000
5,540.000	16.000	16.000	16.000	16.000	16.000
5,550.000	16.000	16.000	16.000	16.000	16.000
5,560.000	16.000	16.000	16.000	16.000	16.000
5,570.000	16.000	16.000	16.000	16.000	16.000
5,580.000	15.000	15.000	15.000	15.000	15.000
5,590.000	15.000	15.000	15.000	15.000	15.000
5,600.000	15.000	15.000	15.000	15.000	15.000
5,610.000	15.000	15.000	15.000	15.000	15.000
5,620.000	15.000	15.000	15.000	15.000	14.000
5,630.000	14.000	14.000	14.000	14.000	14.000
5,640.000	14.000	14.000	14.000	14.000	14.000
5,650.000	14.000	14.000	14.000	14.000	14.000
5,660.000	14.000	14.000	14.000	14.000	14.000
5,670.000	14.000	14.000	14.000	14.000	14.000
5,680.000	13.000	13.000	13.000	13.000	13.000
5,690.000	13.000	13.000	13.000	13.000	13.000
5,700.000	13.000	13.000	13.000	13.000	13.000
5,710.000	13.000	13.000	13.000	13.000	13.000
5,720.000	13.000	13.000	13.000	13.000	13.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume

Label: WQV1

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5,730.000	13.000	13.000	12.000	12.000	12.000
5,740.000	12.000	12.000	12.000	12.000	12.000
5,750.000	12.000	12.000	12.000	12.000	12.000
5,760.000	12.000	(N/A)	(N/A)	(N/A)	(N/A)

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
20.000	0.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
40.000	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
80.000	0.000	0.000	0.000	0.000	0.000
90.000	0.000	0.000	0.000	0.000	0.000
100.000	0.000	0.000	0.000	0.000	0.000
110.000	0.000	0.000	0.000	0.000	0.000
120.000	0.000	0.000	0.000	0.000	0.000
130.000	0.000	0.000	0.000	0.000	0.000
140.000	0.000	0.000	0.000	0.000	0.000
150.000	0.000	0.000	0.000	0.000	0.000
160.000	0.000	0.000	0.000	0.000	0.000
170.000	0.000	0.000	0.000	0.000	0.000
180.000	0.000	0.000	0.000	0.000	1.000
190.000	1.000	1.000	1.000	1.000	1.000
200.000	1.000	1.000	1.000	1.000	1.000
210.000	1.000	1.000	1.000	1.000	1.000
220.000	1.000	1.000	1.000	1.000	1.000
230.000	1.000	1.000	1.000	1.000	1.000
240.000	2.000	2.000	2.000	2.000	2.000
250.000	2.000	2.000	2.000	2.000	2.000
260.000	2.000	2.000	2.000	2.000	2.000
270.000	2.000	2.000	2.000	2.000	3.000
280.000	3.000	3.000	3.000	3.000	3.000
290.000	3.000	3.000	3.000	3.000	3.000
300.000	3.000	3.000	3.000	3.000	3.000
310.000	4.000	4.000	4.000	4.000	4.000
320.000	4.000	4.000	4.000	4.000	4.000
330.000	4.000	4.000	4.000	5.000	5.000
340.000	5.000	5.000	5.000	5.000	5.000
350.000	5.000	5.000	5.000	5.000	5.000
360.000	6.000	6.000	6.000	6.000	6.000
370.000	6.000	6.000	6.000	6.000	6.000
380.000	6.000	7.000	7.000	7.000	7.000
390.000	7.000	7.000	7.000	7.000	7.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
400.000	7.000	8.000	8.000	8.000	8.000
410.000	8.000	8.000	8.000	8.000	8.000
420.000	8.000	9.000	9.000	9.000	9.000
430.000	9.000	9.000	9.000	9.000	9.000
440.000	10.000	10.000	10.000	10.000	10.000
450.000	10.000	10.000	10.000	11.000	11.000
460.000	11.000	11.000	11.000	11.000	11.000
470.000	11.000	11.000	12.000	12.000	12.000
480.000	12.000	12.000	12.000	12.000	12.000
490.000	13.000	13.000	13.000	13.000	13.000
500.000	13.000	13.000	14.000	14.000	14.000
510.000	14.000	14.000	14.000	15.000	15.000
520.000	15.000	15.000	15.000	15.000	16.000
530.000	16.000	16.000	16.000	16.000	16.000
540.000	17.000	17.000	17.000	17.000	18.000
550.000	18.000	18.000	18.000	18.000	19.000
560.000	19.000	19.000	19.000	19.000	20.000
570.000	20.000	20.000	20.000	21.000	21.000
580.000	21.000	21.000	21.000	22.000	22.000
590.000	22.000	22.000	23.000	23.000	23.000
600.000	23.000	24.000	24.000	24.000	25.000
610.000	25.000	25.000	26.000	26.000	26.000
620.000	27.000	27.000	27.000	28.000	28.000
630.000	28.000	29.000	29.000	29.000	30.000
640.000	30.000	31.000	31.000	32.000	32.000
650.000	33.000	33.000	34.000	34.000	35.000
660.000	35.000	36.000	36.000	37.000	37.000
670.000	38.000	39.000	39.000	40.000	41.000
680.000	42.000	42.000	43.000	44.000	45.000
690.000	45.000	46.000	47.000	48.000	50.000
700.000	51.000	54.000	57.000	62.000	66.000
710.000	71.000	77.000	85.000	96.000	106.000
720.000	117.000	127.000	136.000	144.000	149.000
730.000	154.000	157.000	160.000	161.000	162.000
740.000	162.000	162.000	162.000	162.000	162.000
750.000	161.000	161.000	161.000	161.000	161.000
760.000	161.000	161.000	161.000	161.000	161.000
770.000	161.000	161.000	161.000	161.000	161.000
780.000	161.000	161.000	161.000	161.000	160.000
790.000	160.000	160.000	160.000	160.000	160.000
800.000	160.000	160.000	160.000	160.000	160.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
810.000	160.000	160.000	160.000	160.000	160.000
820.000	160.000	160.000	160.000	160.000	160.000
830.000	160.000	160.000	160.000	160.000	160.000
840.000	160.000	160.000	160.000	160.000	160.000
850.000	160.000	160.000	160.000	160.000	160.000
860.000	160.000	160.000	160.000	160.000	160.000
870.000	160.000	160.000	160.000	160.000	160.000
880.000	160.000	160.000	160.000	160.000	160.000
890.000	160.000	160.000	160.000	160.000	160.000
900.000	160.000	160.000	160.000	160.000	160.000
910.000	160.000	160.000	160.000	160.000	160.000
920.000	160.000	160.000	160.000	160.000	160.000
930.000	160.000	160.000	160.000	160.000	160.000
940.000	160.000	160.000	160.000	160.000	160.000
950.000	160.000	160.000	160.000	160.000	160.000
960.000	160.000	160.000	160.000	160.000	160.000
970.000	160.000	160.000	160.000	160.000	160.000
980.000	160.000	160.000	160.000	160.000	160.000
990.000	160.000	160.000	160.000	160.000	160.000
1,000.000	160.000	160.000	160.000	160.000	160.000
1,010.000	160.000	160.000	160.000	160.000	160.000
1,020.000	160.000	160.000	160.000	160.000	160.000
1,030.000	160.000	160.000	160.000	160.000	160.000
1,040.000	160.000	160.000	160.000	160.000	160.000
1,050.000	160.000	160.000	160.000	160.000	160.000
1,060.000	160.000	160.000	160.000	160.000	160.000
1,070.000	160.000	160.000	160.000	160.000	160.000
1,080.000	160.000	160.000	160.000	160.000	160.000
1,090.000	160.000	160.000	160.000	160.000	160.000
1,100.000	160.000	160.000	160.000	160.000	160.000
1,110.000	160.000	160.000	160.000	160.000	160.000
1,120.000	160.000	160.000	160.000	160.000	160.000
1,130.000	160.000	160.000	160.000	160.000	160.000
1,140.000	160.000	160.000	160.000	160.000	160.000
1,150.000	160.000	160.000	160.000	160.000	160.000
1,160.000	160.000	160.000	160.000	160.000	160.000
1,170.000	160.000	160.000	160.000	160.000	160.000
1,180.000	160.000	160.000	160.000	160.000	160.000
1,190.000	160.000	160.000	160.000	160.000	160.000
1,200.000	160.000	160.000	160.000	160.000	160.000
1,210.000	160.000	160.000	160.000	160.000	160.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
1,220.000	160.000	160.000	160.000	160.000	160.000
1,230.000	160.000	160.000	160.000	160.000	160.000
1,240.000	160.000	160.000	160.000	160.000	160.000
1,250.000	160.000	160.000	160.000	160.000	160.000
1,260.000	160.000	160.000	160.000	160.000	160.000
1,270.000	160.000	160.000	160.000	160.000	160.000
1,280.000	160.000	160.000	160.000	160.000	160.000
1,290.000	160.000	160.000	160.000	160.000	160.000
1,300.000	160.000	160.000	160.000	160.000	160.000
1,310.000	160.000	160.000	160.000	160.000	160.000
1,320.000	160.000	160.000	160.000	160.000	160.000
1,330.000	160.000	160.000	160.000	160.000	160.000
1,340.000	160.000	160.000	160.000	160.000	160.000
1,350.000	160.000	160.000	160.000	160.000	160.000
1,360.000	160.000	160.000	160.000	160.000	160.000
1,370.000	160.000	160.000	160.000	160.000	160.000
1,380.000	160.000	160.000	160.000	160.000	160.000
1,390.000	160.000	160.000	160.000	160.000	160.000
1,400.000	160.000	160.000	160.000	160.000	160.000
1,410.000	160.000	160.000	160.000	160.000	160.000
1,420.000	160.000	160.000	160.000	160.000	160.000
1,430.000	160.000	160.000	160.000	160.000	160.000
1,440.000	160.000	160.000	160.000	160.000	160.000
1,450.000	160.000	160.000	159.000	159.000	159.000
1,460.000	159.000	159.000	159.000	159.000	159.000
1,470.000	159.000	159.000	158.000	158.000	158.000
1,480.000	158.000	158.000	158.000	158.000	158.000
1,490.000	158.000	158.000	157.000	157.000	157.000
1,500.000	157.000	157.000	157.000	157.000	157.000
1,510.000	157.000	156.000	156.000	156.000	156.000
1,520.000	156.000	156.000	156.000	156.000	156.000
1,530.000	156.000	155.000	155.000	155.000	155.000
1,540.000	155.000	155.000	155.000	155.000	155.000
1,550.000	155.000	154.000	154.000	154.000	154.000
1,560.000	154.000	154.000	154.000	154.000	154.000
1,570.000	154.000	153.000	153.000	153.000	153.000
1,580.000	153.000	153.000	153.000	153.000	153.000
1,590.000	152.000	152.000	152.000	152.000	152.000
1,600.000	152.000	152.000	152.000	152.000	152.000
1,610.000	151.000	151.000	151.000	151.000	151.000
1,620.000	151.000	151.000	151.000	151.000	151.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
1,630.000	150.000	150.000	150.000	150.000	150.000
1,640.000	150.000	150.000	150.000	150.000	149.000
1,650.000	149.000	149.000	149.000	149.000	149.000
1,660.000	149.000	149.000	149.000	149.000	148.000
1,670.000	148.000	148.000	148.000	148.000	148.000
1,680.000	148.000	148.000	148.000	148.000	147.000
1,690.000	147.000	147.000	147.000	147.000	147.000
1,700.000	147.000	147.000	147.000	147.000	146.000
1,710.000	146.000	146.000	146.000	146.000	146.000
1,720.000	146.000	146.000	146.000	145.000	145.000
1,730.000	145.000	145.000	145.000	145.000	145.000
1,740.000	145.000	145.000	145.000	144.000	144.000
1,750.000	144.000	144.000	144.000	144.000	144.000
1,760.000	144.000	144.000	144.000	143.000	143.000
1,770.000	143.000	143.000	143.000	143.000	143.000
1,780.000	143.000	143.000	143.000	142.000	142.000
1,790.000	142.000	142.000	142.000	142.000	142.000
1,800.000	142.000	142.000	141.000	141.000	141.000
1,810.000	141.000	141.000	141.000	141.000	141.000
1,820.000	141.000	141.000	140.000	140.000	140.000
1,830.000	140.000	140.000	140.000	140.000	140.000
1,840.000	140.000	140.000	139.000	139.000	139.000
1,850.000	139.000	139.000	139.000	139.000	139.000
1,860.000	139.000	138.000	138.000	138.000	138.000
1,870.000	138.000	138.000	138.000	138.000	138.000
1,880.000	138.000	137.000	137.000	137.000	137.000
1,890.000	137.000	137.000	137.000	137.000	137.000
1,900.000	137.000	136.000	136.000	136.000	136.000
1,910.000	136.000	136.000	136.000	136.000	136.000
1,920.000	136.000	135.000	135.000	135.000	135.000
1,930.000	135.000	135.000	135.000	135.000	135.000
1,940.000	134.000	134.000	134.000	134.000	134.000
1,950.000	134.000	134.000	134.000	134.000	134.000
1,960.000	133.000	133.000	133.000	133.000	133.000
1,970.000	133.000	133.000	133.000	133.000	133.000
1,980.000	132.000	132.000	132.000	132.000	132.000
1,990.000	132.000	132.000	132.000	132.000	131.000
2,000.000	131.000	131.000	131.000	131.000	131.000
2,010.000	131.000	131.000	131.000	131.000	130.000
2,020.000	130.000	130.000	130.000	130.000	130.000
2,030.000	130.000	130.000	130.000	130.000	129.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,040.000	129.000	129.000	129.000	129.000	129.000
2,050.000	129.000	129.000	129.000	129.000	128.000
2,060.000	128.000	128.000	128.000	128.000	128.000
2,070.000	128.000	128.000	128.000	127.000	127.000
2,080.000	127.000	127.000	127.000	127.000	127.000
2,090.000	127.000	127.000	127.000	126.000	126.000
2,100.000	126.000	126.000	126.000	126.000	126.000
2,110.000	126.000	126.000	126.000	125.000	125.000
2,120.000	125.000	125.000	125.000	125.000	125.000
2,130.000	125.000	125.000	125.000	124.000	124.000
2,140.000	124.000	124.000	124.000	124.000	124.000
2,150.000	124.000	124.000	123.000	123.000	123.000
2,160.000	123.000	123.000	123.000	123.000	123.000
2,170.000	123.000	123.000	122.000	122.000	122.000
2,180.000	122.000	122.000	122.000	122.000	122.000
2,190.000	122.000	122.000	121.000	121.000	121.000
2,200.000	121.000	121.000	121.000	121.000	121.000
2,210.000	121.000	120.000	120.000	120.000	120.000
2,220.000	120.000	120.000	120.000	120.000	120.000
2,230.000	120.000	119.000	119.000	119.000	119.000
2,240.000	119.000	119.000	119.000	119.000	119.000
2,250.000	119.000	118.000	118.000	118.000	118.000
2,260.000	118.000	118.000	118.000	118.000	118.000
2,270.000	118.000	117.000	117.000	117.000	117.000
2,280.000	117.000	117.000	117.000	117.000	117.000
2,290.000	116.000	116.000	116.000	116.000	116.000
2,300.000	116.000	116.000	116.000	116.000	116.000
2,310.000	115.000	115.000	115.000	115.000	115.000
2,320.000	115.000	115.000	115.000	115.000	115.000
2,330.000	114.000	114.000	114.000	114.000	114.000
2,340.000	114.000	114.000	114.000	114.000	113.000
2,350.000	113.000	113.000	113.000	113.000	113.000
2,360.000	113.000	113.000	113.000	113.000	112.000
2,370.000	112.000	112.000	112.000	112.000	112.000
2,380.000	112.000	112.000	112.000	112.000	111.000
2,390.000	111.000	111.000	111.000	111.000	111.000
2,400.000	111.000	111.000	111.000	111.000	110.000
2,410.000	110.000	110.000	110.000	110.000	110.000
2,420.000	110.000	110.000	110.000	109.000	109.000
2,430.000	109.000	109.000	109.000	109.000	109.000
2,440.000	109.000	109.000	109.000	108.000	108.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,450.000	108.000	108.000	108.000	108.000	108.000
2,460.000	108.000	108.000	108.000	107.000	107.000
2,470.000	107.000	107.000	107.000	107.000	107.000
2,480.000	107.000	107.000	107.000	106.000	106.000
2,490.000	106.000	106.000	106.000	106.000	106.000
2,500.000	106.000	106.000	105.000	105.000	105.000
2,510.000	105.000	105.000	105.000	105.000	105.000
2,520.000	105.000	105.000	104.000	104.000	104.000
2,530.000	104.000	104.000	104.000	104.000	104.000
2,540.000	104.000	104.000	103.000	103.000	103.000
2,550.000	103.000	103.000	103.000	103.000	103.000
2,560.000	103.000	102.000	102.000	102.000	102.000
2,570.000	102.000	102.000	102.000	102.000	102.000
2,580.000	102.000	101.000	101.000	101.000	101.000
2,590.000	101.000	101.000	101.000	101.000	101.000
2,600.000	101.000	100.000	100.000	100.000	100.000
2,610.000	100.000	100.000	100.000	100.000	100.000
2,620.000	100.000	99.000	99.000	99.000	99.000
2,630.000	99.000	99.000	99.000	99.000	99.000
2,640.000	98.000	98.000	98.000	98.000	98.000
2,650.000	98.000	98.000	98.000	98.000	98.000
2,660.000	97.000	97.000	97.000	97.000	97.000
2,670.000	97.000	97.000	97.000	97.000	97.000
2,680.000	96.000	96.000	96.000	96.000	96.000
2,690.000	96.000	96.000	96.000	96.000	96.000
2,700.000	95.000	95.000	95.000	95.000	95.000
2,710.000	95.000	95.000	95.000	95.000	94.000
2,720.000	94.000	94.000	94.000	94.000	94.000
2,730.000	94.000	94.000	93.000	93.000	93.000
2,740.000	93.000	93.000	93.000	93.000	93.000
2,750.000	92.000	92.000	92.000	92.000	92.000
2,760.000	92.000	92.000	92.000	92.000	91.000
2,770.000	91.000	91.000	91.000	91.000	91.000
2,780.000	91.000	91.000	91.000	90.000	90.000
2,790.000	90.000	90.000	90.000	90.000	90.000
2,800.000	90.000	89.000	89.000	89.000	89.000
2,810.000	89.000	89.000	89.000	89.000	89.000
2,820.000	88.000	88.000	88.000	88.000	88.000
2,830.000	88.000	88.000	88.000	88.000	88.000
2,840.000	87.000	87.000	87.000	87.000	87.000
2,850.000	87.000	87.000	87.000	87.000	86.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,860.000	86.000	86.000	86.000	86.000	86.000
2,870.000	86.000	86.000	86.000	86.000	85.000
2,880.000	85.000	85.000	85.000	85.000	85.000
2,890.000	85.000	85.000	85.000	84.000	84.000
2,900.000	84.000	84.000	84.000	84.000	84.000
2,910.000	84.000	84.000	84.000	83.000	83.000
2,920.000	83.000	83.000	83.000	83.000	83.000
2,930.000	83.000	83.000	83.000	83.000	82.000
2,940.000	82.000	82.000	82.000	82.000	82.000
2,950.000	82.000	82.000	82.000	82.000	81.000
2,960.000	81.000	81.000	81.000	81.000	81.000
2,970.000	81.000	81.000	81.000	81.000	81.000
2,980.000	80.000	80.000	80.000	80.000	80.000
2,990.000	80.000	80.000	80.000	80.000	80.000
3,000.000	80.000	79.000	79.000	79.000	79.000
3,010.000	79.000	79.000	79.000	79.000	79.000
3,020.000	79.000	79.000	78.000	78.000	78.000
3,030.000	78.000	78.000	78.000	78.000	78.000
3,040.000	78.000	78.000	78.000	78.000	77.000
3,050.000	77.000	77.000	77.000	77.000	77.000
3,060.000	77.000	77.000	77.000	77.000	77.000
3,070.000	77.000	76.000	76.000	76.000	76.000
3,080.000	76.000	76.000	76.000	76.000	76.000
3,090.000	76.000	76.000	76.000	75.000	75.000
3,100.000	75.000	75.000	75.000	75.000	75.000
3,110.000	75.000	75.000	75.000	75.000	75.000
3,120.000	75.000	74.000	74.000	74.000	74.000
3,130.000	74.000	74.000	74.000	74.000	74.000
3,140.000	74.000	74.000	74.000	74.000	73.000
3,150.000	73.000	73.000	73.000	73.000	73.000
3,160.000	73.000	73.000	73.000	73.000	73.000
3,170.000	73.000	73.000	72.000	72.000	72.000
3,180.000	72.000	72.000	72.000	72.000	72.000
3,190.000	72.000	72.000	72.000	72.000	72.000
3,200.000	72.000	71.000	71.000	71.000	71.000
3,210.000	71.000	71.000	71.000	71.000	71.000
3,220.000	71.000	71.000	71.000	71.000	71.000
3,230.000	70.000	70.000	70.000	70.000	70.000
3,240.000	70.000	70.000	70.000	70.000	70.000
3,250.000	70.000	70.000	70.000	70.000	70.000
3,260.000	69.000	69.000	69.000	69.000	69.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
3,270.000	69.000	69.000	69.000	69.000	69.000
3,280.000	69.000	69.000	69.000	69.000	69.000
3,290.000	68.000	68.000	68.000	68.000	68.000
3,300.000	68.000	68.000	68.000	68.000	68.000
3,310.000	68.000	68.000	68.000	68.000	68.000
3,320.000	68.000	67.000	67.000	67.000	67.000
3,330.000	67.000	67.000	67.000	67.000	67.000
3,340.000	67.000	67.000	67.000	67.000	67.000
3,350.000	67.000	67.000	66.000	66.000	66.000
3,360.000	66.000	66.000	66.000	66.000	66.000
3,370.000	66.000	66.000	66.000	66.000	66.000
3,380.000	66.000	66.000	66.000	66.000	65.000
3,390.000	65.000	65.000	65.000	65.000	65.000
3,400.000	65.000	65.000	65.000	65.000	65.000
3,410.000	65.000	65.000	65.000	65.000	65.000
3,420.000	65.000	64.000	64.000	64.000	64.000
3,430.000	64.000	64.000	64.000	64.000	64.000
3,440.000	64.000	64.000	64.000	64.000	64.000
3,450.000	64.000	63.000	63.000	63.000	63.000
3,460.000	63.000	63.000	63.000	63.000	63.000
3,470.000	63.000	63.000	63.000	62.000	62.000
3,480.000	62.000	62.000	62.000	62.000	62.000
3,490.000	62.000	62.000	62.000	62.000	62.000
3,500.000	61.000	61.000	61.000	61.000	61.000
3,510.000	61.000	61.000	61.000	61.000	61.000
3,520.000	61.000	61.000	61.000	60.000	60.000
3,530.000	60.000	60.000	60.000	60.000	60.000
3,540.000	60.000	60.000	60.000	60.000	60.000
3,550.000	60.000	60.000	59.000	59.000	59.000
3,560.000	59.000	59.000	59.000	59.000	59.000
3,570.000	59.000	59.000	59.000	59.000	59.000
3,580.000	59.000	58.000	58.000	58.000	58.000
3,590.000	58.000	58.000	58.000	58.000	58.000
3,600.000	58.000	58.000	58.000	58.000	58.000
3,610.000	57.000	57.000	57.000	57.000	57.000
3,620.000	57.000	57.000	57.000	57.000	57.000
3,630.000	57.000	57.000	57.000	57.000	57.000
3,640.000	56.000	56.000	56.000	56.000	56.000
3,650.000	56.000	56.000	56.000	56.000	56.000
3,660.000	56.000	56.000	56.000	56.000	56.000
3,670.000	56.000	55.000	55.000	55.000	55.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
3,680.000	55.000	55.000	55.000	55.000	55.000
3,690.000	55.000	55.000	55.000	55.000	55.000
3,700.000	55.000	55.000	55.000	54.000	54.000
3,710.000	54.000	54.000	54.000	54.000	54.000
3,720.000	54.000	54.000	54.000	54.000	54.000
3,730.000	54.000	54.000	54.000	54.000	54.000
3,740.000	53.000	53.000	53.000	53.000	53.000
3,750.000	53.000	53.000	53.000	53.000	53.000
3,760.000	53.000	53.000	53.000	53.000	53.000
3,770.000	53.000	53.000	53.000	52.000	52.000
3,780.000	52.000	52.000	52.000	52.000	52.000
3,790.000	52.000	52.000	52.000	52.000	52.000
3,800.000	52.000	52.000	52.000	52.000	52.000
3,810.000	52.000	52.000	52.000	51.000	51.000
3,820.000	51.000	51.000	51.000	51.000	51.000
3,830.000	51.000	51.000	51.000	51.000	51.000
3,840.000	51.000	51.000	51.000	51.000	51.000
3,850.000	51.000	51.000	51.000	50.000	50.000
3,860.000	50.000	50.000	50.000	50.000	50.000
3,870.000	50.000	50.000	50.000	50.000	50.000
3,880.000	50.000	50.000	50.000	50.000	50.000
3,890.000	50.000	50.000	50.000	50.000	50.000
3,900.000	49.000	49.000	49.000	49.000	49.000
3,910.000	49.000	49.000	49.000	49.000	49.000
3,920.000	49.000	49.000	49.000	49.000	49.000
3,930.000	49.000	49.000	49.000	49.000	49.000
3,940.000	49.000	49.000	49.000	48.000	48.000
3,950.000	48.000	48.000	48.000	48.000	48.000
3,960.000	48.000	48.000	48.000	48.000	48.000
3,970.000	48.000	48.000	48.000	48.000	48.000
3,980.000	48.000	48.000	48.000	48.000	48.000
3,990.000	48.000	48.000	47.000	47.000	47.000
4,000.000	47.000	47.000	47.000	47.000	47.000
4,010.000	47.000	47.000	47.000	47.000	47.000
4,020.000	47.000	47.000	47.000	47.000	47.000
4,030.000	47.000	47.000	47.000	47.000	47.000
4,040.000	47.000	47.000	47.000	47.000	46.000
4,050.000	46.000	46.000	46.000	46.000	46.000
4,060.000	46.000	46.000	46.000	46.000	46.000
4,070.000	46.000	46.000	46.000	46.000	46.000
4,080.000	46.000	46.000	46.000	46.000	46.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,090.000	46.000	46.000	46.000	46.000	46.000
4,100.000	46.000	46.000	45.000	45.000	45.000
4,110.000	45.000	45.000	45.000	45.000	45.000
4,120.000	45.000	45.000	45.000	45.000	45.000
4,130.000	45.000	45.000	45.000	45.000	45.000
4,140.000	45.000	45.000	45.000	45.000	45.000
4,150.000	45.000	45.000	45.000	45.000	45.000
4,160.000	45.000	45.000	44.000	44.000	44.000
4,170.000	44.000	44.000	44.000	44.000	44.000
4,180.000	44.000	44.000	44.000	44.000	44.000
4,190.000	44.000	44.000	44.000	44.000	44.000
4,200.000	44.000	44.000	44.000	44.000	44.000
4,210.000	44.000	44.000	43.000	43.000	43.000
4,220.000	43.000	43.000	43.000	43.000	43.000
4,230.000	43.000	43.000	43.000	43.000	43.000
4,240.000	43.000	43.000	43.000	43.000	43.000
4,250.000	43.000	43.000	43.000	43.000	43.000
4,260.000	43.000	43.000	42.000	42.000	42.000
4,270.000	42.000	42.000	42.000	42.000	42.000
4,280.000	42.000	42.000	42.000	42.000	42.000
4,290.000	42.000	42.000	42.000	42.000	42.000
4,300.000	42.000	42.000	42.000	42.000	42.000
4,310.000	42.000	41.000	41.000	41.000	41.000
4,320.000	41.000	41.000	41.000	41.000	41.000
4,330.000	41.000	41.000	41.000	41.000	41.000
4,340.000	41.000	41.000	41.000	41.000	41.000
4,350.000	41.000	41.000	41.000	41.000	41.000
4,360.000	40.000	40.000	40.000	40.000	40.000
4,370.000	40.000	40.000	40.000	40.000	40.000
4,380.000	40.000	40.000	40.000	40.000	40.000
4,390.000	40.000	40.000	40.000	40.000	40.000
4,400.000	40.000	40.000	40.000	40.000	39.000
4,410.000	39.000	39.000	39.000	39.000	39.000
4,420.000	39.000	39.000	39.000	39.000	39.000
4,430.000	39.000	39.000	39.000	39.000	39.000
4,440.000	39.000	39.000	39.000	39.000	39.000
4,450.000	39.000	39.000	39.000	39.000	38.000
4,460.000	38.000	38.000	38.000	38.000	38.000
4,470.000	38.000	38.000	38.000	38.000	38.000
4,480.000	38.000	38.000	38.000	38.000	38.000
4,490.000	38.000	38.000	38.000	38.000	38.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV2   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,500.000	38.000	38.000	38.000	37.000	37.000
4,510.000	37.000	37.000	37.000	37.000	37.000
4,520.000	37.000	37.000	37.000	37.000	37.000
4,530.000	37.000	37.000	37.000	37.000	37.000
4,540.000	37.000	37.000	37.000	37.000	37.000
4,550.000	37.000	37.000	36.000	36.000	36.000
4,560.000	36.000	36.000	36.000	36.000	36.000
4,570.000	36.000	36.000	36.000	36.000	36.000
4,580.000	36.000	36.000	36.000	36.000	36.000
4,590.000	36.000	36.000	36.000	36.000	36.000
4,600.000	36.000	36.000	35.000	35.000	35.000
4,610.000	35.000	35.000	35.000	35.000	35.000
4,620.000	35.000	35.000	35.000	35.000	35.000
4,630.000	35.000	35.000	35.000	35.000	35.000
4,640.000	35.000	35.000	35.000	35.000	35.000
4,650.000	35.000	34.000	34.000	34.000	34.000
4,660.000	34.000	34.000	34.000	34.000	34.000
4,670.000	34.000	34.000	34.000	34.000	34.000
4,680.000	34.000	34.000	34.000	34.000	34.000
4,690.000	34.000	34.000	34.000	34.000	34.000
4,700.000	33.000	33.000	33.000	33.000	33.000
4,710.000	33.000	33.000	33.000	33.000	33.000
4,720.000	33.000	33.000	33.000	33.000	33.000
4,730.000	33.000	33.000	33.000	33.000	33.000
4,740.000	33.000	33.000	33.000	33.000	33.000
4,750.000	32.000	32.000	32.000	32.000	32.000
4,760.000	32.000	32.000	32.000	32.000	32.000
4,770.000	32.000	32.000	32.000	32.000	32.000
4,780.000	32.000	32.000	32.000	32.000	32.000
4,790.000	32.000	32.000	32.000	32.000	31.000
4,800.000	31.000	31.000	31.000	31.000	31.000
4,810.000	31.000	31.000	31.000	31.000	31.000
4,820.000	31.000	31.000	31.000	31.000	31.000
4,830.000	31.000	31.000	31.000	31.000	31.000
4,840.000	31.000	31.000	31.000	30.000	30.000
4,850.000	30.000	30.000	30.000	30.000	30.000
4,860.000	30.000	30.000	30.000	30.000	30.000
4,870.000	30.000	30.000	30.000	30.000	30.000
4,880.000	30.000	30.000	30.000	30.000	30.000
4,890.000	30.000	30.000	30.000	29.000	29.000
4,900.000	29.000	29.000	29.000	29.000	29.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,910.000	29.000	29.000	29.000	29.000	29.000
4,920.000	29.000	29.000	29.000	29.000	29.000
4,930.000	29.000	29.000	29.000	29.000	29.000
4,940.000	29.000	29.000	28.000	28.000	28.000
4,950.000	28.000	28.000	28.000	28.000	28.000
4,960.000	28.000	28.000	28.000	28.000	28.000
4,970.000	28.000	28.000	28.000	28.000	28.000
4,980.000	28.000	28.000	28.000	28.000	28.000
4,990.000	28.000	27.000	27.000	27.000	27.000
5,000.000	27.000	27.000	27.000	27.000	27.000
5,010.000	27.000	27.000	27.000	27.000	27.000
5,020.000	27.000	27.000	27.000	27.000	27.000
5,030.000	27.000	27.000	27.000	27.000	27.000
5,040.000	26.000	26.000	26.000	26.000	26.000
5,050.000	26.000	26.000	26.000	26.000	26.000
5,060.000	26.000	26.000	26.000	26.000	26.000
5,070.000	26.000	26.000	26.000	26.000	26.000
5,080.000	26.000	26.000	26.000	26.000	26.000
5,090.000	25.000	25.000	25.000	25.000	25.000
5,100.000	25.000	25.000	25.000	25.000	25.000
5,110.000	25.000	25.000	25.000	25.000	25.000
5,120.000	25.000	25.000	25.000	25.000	25.000
5,130.000	25.000	25.000	25.000	25.000	24.000
5,140.000	24.000	24.000	24.000	24.000	24.000
5,150.000	24.000	24.000	24.000	24.000	24.000
5,160.000	24.000	24.000	24.000	24.000	24.000
5,170.000	24.000	24.000	24.000	24.000	24.000
5,180.000	24.000	24.000	24.000	23.000	23.000
5,190.000	23.000	23.000	23.000	23.000	23.000
5,200.000	23.000	23.000	23.000	23.000	23.000
5,210.000	23.000	23.000	23.000	23.000	23.000
5,220.000	23.000	23.000	23.000	23.000	23.000
5,230.000	23.000	23.000	23.000	22.000	22.000
5,240.000	22.000	22.000	22.000	22.000	22.000
5,250.000	22.000	22.000	22.000	22.000	22.000
5,260.000	22.000	22.000	22.000	22.000	22.000
5,270.000	22.000	22.000	22.000	22.000	22.000
5,280.000	22.000	22.000	21.000	21.000	21.000
5,290.000	21.000	21.000	21.000	21.000	21.000
5,300.000	21.000	21.000	21.000	21.000	21.000
5,310.000	21.000	21.000	21.000	21.000	21.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV2
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5,320.000	21.000	21.000	21.000	21.000	21.000
5,330.000	21.000	20.000	20.000	20.000	20.000
5,340.000	20.000	20.000	20.000	20.000	20.000
5,350.000	20.000	20.000	20.000	20.000	20.000
5,360.000	20.000	20.000	20.000	20.000	20.000
5,370.000	20.000	20.000	20.000	20.000	20.000
5,380.000	20.000	19.000	19.000	19.000	19.000
5,390.000	19.000	19.000	19.000	19.000	19.000
5,400.000	19.000	19.000	19.000	19.000	19.000
5,410.000	19.000	19.000	19.000	19.000	19.000
5,420.000	19.000	19.000	19.000	19.000	19.000
5,430.000	18.000	18.000	18.000	18.000	18.000
5,440.000	18.000	18.000	18.000	18.000	18.000
5,450.000	18.000	18.000	18.000	18.000	18.000
5,460.000	18.000	18.000	18.000	18.000	18.000
5,470.000	18.000	18.000	18.000	18.000	17.000
5,480.000	17.000	17.000	17.000	17.000	17.000
5,490.000	17.000	17.000	17.000	17.000	17.000
5,500.000	17.000	17.000	17.000	17.000	17.000
5,510.000	17.000	17.000	17.000	17.000	17.000
5,520.000	17.000	17.000	17.000	17.000	16.000
5,530.000	16.000	16.000	16.000	16.000	16.000
5,540.000	16.000	16.000	16.000	16.000	16.000
5,550.000	16.000	16.000	16.000	16.000	16.000
5,560.000	16.000	16.000	16.000	16.000	16.000
5,570.000	16.000	16.000	16.000	15.000	15.000
5,580.000	15.000	15.000	15.000	15.000	15.000
5,590.000	15.000	15.000	15.000	15.000	15.000
5,600.000	15.000	15.000	15.000	15.000	15.000
5,610.000	15.000	15.000	15.000	15.000	15.000
5,620.000	15.000	15.000	14.000	14.000	14.000
5,630.000	14.000	14.000	14.000	14.000	14.000
5,640.000	14.000	14.000	14.000	14.000	14.000
5,650.000	14.000	14.000	14.000	14.000	14.000
5,660.000	14.000	14.000	14.000	14.000	14.000
5,670.000	14.000	14.000	14.000	13.000	13.000
5,680.000	13.000	13.000	13.000	13.000	13.000
5,690.000	13.000	13.000	13.000	13.000	13.000
5,700.000	13.000	13.000	13.000	13.000	13.000
5,710.000	13.000	13.000	13.000	13.000	13.000
5,720.000	13.000	13.000	13.000	13.000	13.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV2   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5,730.000	13.000	12.000	12.000	12.000	12.000
5,740.000	12.000	12.000	12.000	12.000	12.000
5,750.000	12.000	12.000	12.000	12.000	12.000
5,760.000	12.000	(N/A)	(N/A)	(N/A)	(N/A)

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Subsection: Time vs. Volume

Label: WQV3

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
20.000	0.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
40.000	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
80.000	0.000	0.000	0.000	0.000	0.000
90.000	0.000	0.000	0.000	0.000	0.000
100.000	0.000	0.000	0.000	0.000	0.000
110.000	0.000	0.000	0.000	0.000	0.000
120.000	0.000	0.000	0.000	0.000	0.000
130.000	0.000	0.000	0.000	0.000	0.000
140.000	0.000	0.000	0.000	0.000	0.000
150.000	0.000	0.000	0.000	0.000	0.000
160.000	0.000	0.000	0.000	0.000	0.000
170.000	0.000	0.000	0.000	0.000	0.000
180.000	0.000	0.000	1.000	1.000	1.000
190.000	1.000	1.000	1.000	1.000	1.000
200.000	1.000	1.000	1.000	1.000	1.000
210.000	1.000	1.000	1.000	1.000	1.000
220.000	1.000	1.000	1.000	1.000	1.000
230.000	1.000	1.000	1.000	1.000	2.000
240.000	2.000	2.000	2.000	2.000	2.000
250.000	2.000	2.000	2.000	2.000	2.000
260.000	2.000	2.000	2.000	2.000	2.000
270.000	2.000	2.000	3.000	3.000	3.000
280.000	3.000	3.000	3.000	3.000	3.000
290.000	3.000	3.000	3.000	3.000	3.000
300.000	3.000	3.000	3.000	4.000	4.000
310.000	4.000	4.000	4.000	4.000	4.000
320.000	4.000	4.000	4.000	4.000	4.000
330.000	4.000	5.000	5.000	5.000	5.000
340.000	5.000	5.000	5.000	5.000	5.000
350.000	5.000	5.000	6.000	6.000	6.000
360.000	6.000	6.000	6.000	6.000	6.000
370.000	6.000	6.000	6.000	7.000	7.000
380.000	7.000	7.000	7.000	7.000	7.000
390.000	7.000	7.000	7.000	8.000	8.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV3
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
400.000	8.000	8.000	8.000	8.000	8.000
410.000	8.000	8.000	8.000	9.000	9.000
420.000	9.000	9.000	9.000	9.000	9.000
430.000	9.000	9.000	10.000	10.000	10.000
440.000	10.000	10.000	10.000	10.000	10.000
450.000	11.000	11.000	11.000	11.000	11.000
460.000	11.000	11.000	11.000	12.000	12.000
470.000	12.000	12.000	12.000	12.000	12.000
480.000	12.000	13.000	13.000	13.000	13.000
490.000	13.000	13.000	13.000	13.000	14.000
500.000	14.000	14.000	14.000	14.000	14.000
510.000	15.000	15.000	15.000	15.000	15.000
520.000	15.000	16.000	16.000	16.000	16.000
530.000	16.000	16.000	17.000	17.000	17.000
540.000	17.000	17.000	18.000	18.000	18.000
550.000	18.000	19.000	19.000	19.000	19.000
560.000	19.000	20.000	20.000	20.000	20.000
570.000	21.000	21.000	21.000	21.000	21.000
580.000	22.000	22.000	22.000	22.000	23.000
590.000	23.000	23.000	23.000	24.000	24.000
600.000	24.000	25.000	25.000	25.000	25.000
610.000	26.000	26.000	26.000	27.000	27.000
620.000	27.000	28.000	28.000	28.000	29.000
630.000	29.000	30.000	30.000	30.000	31.000
640.000	31.000	32.000	32.000	33.000	33.000
650.000	34.000	34.000	35.000	35.000	36.000
660.000	36.000	37.000	37.000	38.000	39.000
670.000	39.000	40.000	41.000	41.000	42.000
680.000	43.000	44.000	44.000	45.000	46.000
690.000	47.000	47.000	48.000	50.000	51.000
700.000	53.000	56.000	59.000	64.000	68.000
710.000	73.000	79.000	88.000	99.000	109.000
720.000	120.000	130.000	140.000	148.000	154.000
730.000	158.000	160.000	161.000	161.000	160.000
740.000	160.000	160.000	160.000	160.000	160.000
750.000	160.000	160.000	160.000	160.000	160.000
760.000	160.000	160.000	160.000	160.000	160.000
770.000	160.000	160.000	160.000	160.000	160.000
780.000	160.000	160.000	160.000	160.000	160.000
790.000	160.000	160.000	160.000	160.000	160.000
800.000	160.000	160.000	160.000	160.000	160.000

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Subsection: Time vs. Volume
Label: WQV3
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
810.000	160.000	160.000	160.000	160.000	160.000
820.000	160.000	160.000	160.000	160.000	160.000
830.000	160.000	160.000	160.000	160.000	160.000
840.000	160.000	160.000	160.000	160.000	160.000
850.000	160.000	160.000	160.000	160.000	160.000
860.000	160.000	160.000	160.000	160.000	160.000
870.000	160.000	160.000	160.000	160.000	160.000
880.000	160.000	160.000	160.000	160.000	160.000
890.000	160.000	160.000	160.000	160.000	160.000
900.000	160.000	160.000	160.000	160.000	160.000
910.000	160.000	160.000	160.000	160.000	160.000
920.000	160.000	160.000	160.000	160.000	160.000
930.000	160.000	160.000	160.000	160.000	160.000
940.000	160.000	160.000	160.000	160.000	160.000
950.000	160.000	160.000	160.000	160.000	160.000
960.000	160.000	160.000	160.000	160.000	160.000
970.000	160.000	160.000	160.000	160.000	160.000
980.000	160.000	160.000	160.000	160.000	160.000
990.000	160.000	160.000	160.000	160.000	160.000
1,000.000	160.000	160.000	160.000	160.000	160.000
1,010.000	160.000	160.000	160.000	160.000	160.000
1,020.000	160.000	160.000	160.000	160.000	160.000
1,030.000	160.000	160.000	160.000	160.000	160.000
1,040.000	160.000	160.000	160.000	160.000	160.000
1,050.000	160.000	160.000	160.000	160.000	160.000
1,060.000	160.000	160.000	160.000	160.000	160.000
1,070.000	160.000	160.000	160.000	160.000	160.000
1,080.000	160.000	160.000	160.000	160.000	160.000
1,090.000	160.000	160.000	160.000	160.000	160.000
1,100.000	160.000	160.000	160.000	160.000	160.000
1,110.000	160.000	160.000	160.000	160.000	160.000
1,120.000	160.000	160.000	160.000	160.000	160.000
1,130.000	160.000	160.000	160.000	160.000	160.000
1,140.000	160.000	160.000	160.000	160.000	160.000
1,150.000	160.000	160.000	160.000	160.000	160.000
1,160.000	160.000	160.000	160.000	160.000	160.000
1,170.000	160.000	160.000	160.000	160.000	160.000
1,180.000	160.000	160.000	160.000	160.000	160.000
1,190.000	160.000	160.000	160.000	160.000	160.000
1,200.000	160.000	160.000	160.000	160.000	160.000
1,210.000	160.000	160.000	160.000	160.000	160.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV3
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
1,220.000	160.000	160.000	160.000	160.000	160.000
1,230.000	160.000	160.000	160.000	160.000	160.000
1,240.000	160.000	160.000	160.000	160.000	160.000
1,250.000	160.000	160.000	160.000	160.000	160.000
1,260.000	160.000	160.000	160.000	160.000	160.000
1,270.000	160.000	160.000	160.000	160.000	160.000
1,280.000	160.000	160.000	160.000	160.000	160.000
1,290.000	160.000	160.000	160.000	160.000	160.000
1,300.000	160.000	160.000	160.000	160.000	160.000
1,310.000	160.000	160.000	160.000	160.000	160.000
1,320.000	160.000	160.000	160.000	160.000	160.000
1,330.000	160.000	160.000	160.000	160.000	160.000
1,340.000	160.000	160.000	160.000	160.000	160.000
1,350.000	160.000	160.000	160.000	160.000	160.000
1,360.000	160.000	160.000	160.000	160.000	160.000
1,370.000	160.000	160.000	160.000	160.000	160.000
1,380.000	160.000	160.000	160.000	160.000	160.000
1,390.000	160.000	160.000	160.000	160.000	160.000
1,400.000	160.000	160.000	160.000	160.000	160.000
1,410.000	160.000	160.000	160.000	160.000	160.000
1,420.000	160.000	160.000	160.000	160.000	160.000
1,430.000	160.000	160.000	160.000	160.000	160.000
1,440.000	160.000	160.000	160.000	160.000	160.000
1,450.000	160.000	160.000	159.000	159.000	159.000
1,460.000	159.000	159.000	159.000	159.000	159.000
1,470.000	159.000	159.000	158.000	158.000	158.000
1,480.000	158.000	158.000	158.000	158.000	158.000
1,490.000	158.000	158.000	157.000	157.000	157.000
1,500.000	157.000	157.000	157.000	157.000	157.000
1,510.000	157.000	156.000	156.000	156.000	156.000
1,520.000	156.000	156.000	156.000	156.000	156.000
1,530.000	156.000	155.000	155.000	155.000	155.000
1,540.000	155.000	155.000	155.000	155.000	155.000
1,550.000	155.000	154.000	154.000	154.000	154.000
1,560.000	154.000	154.000	154.000	154.000	154.000
1,570.000	154.000	153.000	153.000	153.000	153.000
1,580.000	153.000	153.000	153.000	153.000	153.000
1,590.000	152.000	152.000	152.000	152.000	152.000
1,600.000	152.000	152.000	152.000	152.000	152.000
1,610.000	151.000	151.000	151.000	151.000	151.000
1,620.000	151.000	151.000	151.000	151.000	151.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV3   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
1,630.000	150.000	150.000	150.000	150.000	150.000
1,640.000	150.000	150.000	150.000	150.000	150.000
1,650.000	149.000	149.000	149.000	149.000	149.000
1,660.000	149.000	149.000	149.000	149.000	148.000
1,670.000	148.000	148.000	148.000	148.000	148.000
1,680.000	148.000	148.000	148.000	148.000	147.000
1,690.000	147.000	147.000	147.000	147.000	147.000
1,700.000	147.000	147.000	147.000	147.000	146.000
1,710.000	146.000	146.000	146.000	146.000	146.000
1,720.000	146.000	146.000	146.000	145.000	145.000
1,730.000	145.000	145.000	145.000	145.000	145.000
1,740.000	145.000	145.000	145.000	144.000	144.000
1,750.000	144.000	144.000	144.000	144.000	144.000
1,760.000	144.000	144.000	144.000	143.000	143.000
1,770.000	143.000	143.000	143.000	143.000	143.000
1,780.000	143.000	143.000	143.000	142.000	142.000
1,790.000	142.000	142.000	142.000	142.000	142.000
1,800.000	142.000	142.000	141.000	141.000	141.000
1,810.000	141.000	141.000	141.000	141.000	141.000
1,820.000	141.000	141.000	140.000	140.000	140.000
1,830.000	140.000	140.000	140.000	140.000	140.000
1,840.000	140.000	140.000	139.000	139.000	139.000
1,850.000	139.000	139.000	139.000	139.000	139.000
1,860.000	139.000	138.000	138.000	138.000	138.000
1,870.000	138.000	138.000	138.000	138.000	138.000
1,880.000	138.000	137.000	137.000	137.000	137.000
1,890.000	137.000	137.000	137.000	137.000	137.000
1,900.000	137.000	136.000	136.000	136.000	136.000
1,910.000	136.000	136.000	136.000	136.000	136.000
1,920.000	136.000	135.000	135.000	135.000	135.000
1,930.000	135.000	135.000	135.000	135.000	135.000
1,940.000	134.000	134.000	134.000	134.000	134.000
1,950.000	134.000	134.000	134.000	134.000	134.000
1,960.000	133.000	133.000	133.000	133.000	133.000
1,970.000	133.000	133.000	133.000	133.000	133.000
1,980.000	132.000	132.000	132.000	132.000	132.000
1,990.000	132.000	132.000	132.000	132.000	132.000
2,000.000	131.000	131.000	131.000	131.000	131.000
2,010.000	131.000	131.000	131.000	131.000	130.000
2,020.000	130.000	130.000	130.000	130.000	130.000
2,030.000	130.000	130.000	130.000	130.000	129.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume

Label: WQV3

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,040.000	129.000	129.000	129.000	129.000	129.000
2,050.000	129.000	129.000	129.000	129.000	128.000
2,060.000	128.000	128.000	128.000	128.000	128.000
2,070.000	128.000	128.000	128.000	127.000	127.000
2,080.000	127.000	127.000	127.000	127.000	127.000
2,090.000	127.000	127.000	127.000	126.000	126.000
2,100.000	126.000	126.000	126.000	126.000	126.000
2,110.000	126.000	126.000	126.000	125.000	125.000
2,120.000	125.000	125.000	125.000	125.000	125.000
2,130.000	125.000	125.000	125.000	124.000	124.000
2,140.000	124.000	124.000	124.000	124.000	124.000
2,150.000	124.000	124.000	123.000	123.000	123.000
2,160.000	123.000	123.000	123.000	123.000	123.000
2,170.000	123.000	123.000	122.000	122.000	122.000
2,180.000	122.000	122.000	122.000	122.000	122.000
2,190.000	122.000	122.000	121.000	121.000	121.000
2,200.000	121.000	121.000	121.000	121.000	121.000
2,210.000	121.000	120.000	120.000	120.000	120.000
2,220.000	120.000	120.000	120.000	120.000	120.000
2,230.000	120.000	119.000	119.000	119.000	119.000
2,240.000	119.000	119.000	119.000	119.000	119.000
2,250.000	119.000	118.000	118.000	118.000	118.000
2,260.000	118.000	118.000	118.000	118.000	118.000
2,270.000	118.000	117.000	117.000	117.000	117.000
2,280.000	117.000	117.000	117.000	117.000	117.000
2,290.000	116.000	116.000	116.000	116.000	116.000
2,300.000	116.000	116.000	116.000	116.000	116.000
2,310.000	115.000	115.000	115.000	115.000	115.000
2,320.000	115.000	115.000	115.000	115.000	115.000
2,330.000	114.000	114.000	114.000	114.000	114.000
2,340.000	114.000	114.000	114.000	114.000	114.000
2,350.000	113.000	113.000	113.000	113.000	113.000
2,360.000	113.000	113.000	113.000	113.000	112.000
2,370.000	112.000	112.000	112.000	112.000	112.000
2,380.000	112.000	112.000	112.000	112.000	111.000
2,390.000	111.000	111.000	111.000	111.000	111.000
2,400.000	111.000	111.000	111.000	111.000	110.000
2,410.000	110.000	110.000	110.000	110.000	110.000
2,420.000	110.000	110.000	110.000	109.000	109.000
2,430.000	109.000	109.000	109.000	109.000	109.000
2,440.000	109.000	109.000	109.000	108.000	108.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV3
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,450.000	108.000	108.000	108.000	108.000	108.000
2,460.000	108.000	108.000	108.000	107.000	107.000
2,470.000	107.000	107.000	107.000	107.000	107.000
2,480.000	107.000	107.000	107.000	106.000	106.000
2,490.000	106.000	106.000	106.000	106.000	106.000
2,500.000	106.000	106.000	105.000	105.000	105.000
2,510.000	105.000	105.000	105.000	105.000	105.000
2,520.000	105.000	105.000	104.000	104.000	104.000
2,530.000	104.000	104.000	104.000	104.000	104.000
2,540.000	104.000	104.000	103.000	103.000	103.000
2,550.000	103.000	103.000	103.000	103.000	103.000
2,560.000	103.000	102.000	102.000	102.000	102.000
2,570.000	102.000	102.000	102.000	102.000	102.000
2,580.000	102.000	101.000	101.000	101.000	101.000
2,590.000	101.000	101.000	101.000	101.000	101.000
2,600.000	101.000	100.000	100.000	100.000	100.000
2,610.000	100.000	100.000	100.000	100.000	100.000
2,620.000	100.000	99.000	99.000	99.000	99.000
2,630.000	99.000	99.000	99.000	99.000	99.000
2,640.000	98.000	98.000	98.000	98.000	98.000
2,650.000	98.000	98.000	98.000	98.000	98.000
2,660.000	97.000	97.000	97.000	97.000	97.000
2,670.000	97.000	97.000	97.000	97.000	97.000
2,680.000	96.000	96.000	96.000	96.000	96.000
2,690.000	96.000	96.000	96.000	96.000	96.000
2,700.000	95.000	95.000	95.000	95.000	95.000
2,710.000	95.000	95.000	95.000	95.000	94.000
2,720.000	94.000	94.000	94.000	94.000	94.000
2,730.000	94.000	94.000	93.000	93.000	93.000
2,740.000	93.000	93.000	93.000	93.000	93.000
2,750.000	93.000	92.000	92.000	92.000	92.000
2,760.000	92.000	92.000	92.000	92.000	91.000
2,770.000	91.000	91.000	91.000	91.000	91.000
2,780.000	91.000	91.000	91.000	90.000	90.000
2,790.000	90.000	90.000	90.000	90.000	90.000
2,800.000	90.000	89.000	89.000	89.000	89.000
2,810.000	89.000	89.000	89.000	89.000	89.000
2,820.000	88.000	88.000	88.000	88.000	88.000
2,830.000	88.000	88.000	88.000	88.000	88.000
2,840.000	87.000	87.000	87.000	87.000	87.000
2,850.000	87.000	87.000	87.000	87.000	86.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV3
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,860.000	86.000	86.000	86.000	86.000	86.000
2,870.000	86.000	86.000	86.000	86.000	85.000
2,880.000	85.000	85.000	85.000	85.000	85.000
2,890.000	85.000	85.000	85.000	84.000	84.000
2,900.000	84.000	84.000	84.000	84.000	84.000
2,910.000	84.000	84.000	84.000	83.000	83.000
2,920.000	83.000	83.000	83.000	83.000	83.000
2,930.000	83.000	83.000	83.000	83.000	82.000
2,940.000	82.000	82.000	82.000	82.000	82.000
2,950.000	82.000	82.000	82.000	82.000	81.000
2,960.000	81.000	81.000	81.000	81.000	81.000
2,970.000	81.000	81.000	81.000	81.000	81.000
2,980.000	80.000	80.000	80.000	80.000	80.000
2,990.000	80.000	80.000	80.000	80.000	80.000
3,000.000	80.000	79.000	79.000	79.000	79.000
3,010.000	79.000	79.000	79.000	79.000	79.000
3,020.000	79.000	79.000	78.000	78.000	78.000
3,030.000	78.000	78.000	78.000	78.000	78.000
3,040.000	78.000	78.000	78.000	78.000	77.000
3,050.000	77.000	77.000	77.000	77.000	77.000
3,060.000	77.000	77.000	77.000	77.000	77.000
3,070.000	77.000	76.000	76.000	76.000	76.000
3,080.000	76.000	76.000	76.000	76.000	76.000
3,090.000	76.000	76.000	76.000	75.000	75.000
3,100.000	75.000	75.000	75.000	75.000	75.000
3,110.000	75.000	75.000	75.000	75.000	75.000
3,120.000	75.000	74.000	74.000	74.000	74.000
3,130.000	74.000	74.000	74.000	74.000	74.000
3,140.000	74.000	74.000	74.000	74.000	73.000
3,150.000	73.000	73.000	73.000	73.000	73.000
3,160.000	73.000	73.000	73.000	73.000	73.000
3,170.000	73.000	73.000	72.000	72.000	72.000
3,180.000	72.000	72.000	72.000	72.000	72.000
3,190.000	72.000	72.000	72.000	72.000	72.000
3,200.000	72.000	71.000	71.000	71.000	71.000
3,210.000	71.000	71.000	71.000	71.000	71.000
3,220.000	71.000	71.000	71.000	71.000	71.000
3,230.000	70.000	70.000	70.000	70.000	70.000
3,240.000	70.000	70.000	70.000	70.000	70.000
3,250.000	70.000	70.000	70.000	70.000	70.000
3,260.000	69.000	69.000	69.000	69.000	69.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV3
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
3,270.000	69.000	69.000	69.000	69.000	69.000
3,280.000	69.000	69.000	69.000	69.000	69.000
3,290.000	68.000	68.000	68.000	68.000	68.000
3,300.000	68.000	68.000	68.000	68.000	68.000
3,310.000	68.000	68.000	68.000	68.000	68.000
3,320.000	68.000	67.000	67.000	67.000	67.000
3,330.000	67.000	67.000	67.000	67.000	67.000
3,340.000	67.000	67.000	67.000	67.000	67.000
3,350.000	67.000	67.000	66.000	66.000	66.000
3,360.000	66.000	66.000	66.000	66.000	66.000
3,370.000	66.000	66.000	66.000	66.000	66.000
3,380.000	66.000	66.000	66.000	66.000	65.000
3,390.000	65.000	65.000	65.000	65.000	65.000
3,400.000	65.000	65.000	65.000	65.000	65.000
3,410.000	65.000	65.000	65.000	65.000	65.000
3,420.000	65.000	64.000	64.000	64.000	64.000
3,430.000	64.000	64.000	64.000	64.000	64.000
3,440.000	64.000	64.000	64.000	64.000	64.000
3,450.000	64.000	63.000	63.000	63.000	63.000
3,460.000	63.000	63.000	63.000	63.000	63.000
3,470.000	63.000	63.000	63.000	62.000	62.000
3,480.000	62.000	62.000	62.000	62.000	62.000
3,490.000	62.000	62.000	62.000	62.000	62.000
3,500.000	61.000	61.000	61.000	61.000	61.000
3,510.000	61.000	61.000	61.000	61.000	61.000
3,520.000	61.000	61.000	61.000	60.000	60.000
3,530.000	60.000	60.000	60.000	60.000	60.000
3,540.000	60.000	60.000	60.000	60.000	60.000
3,550.000	60.000	60.000	59.000	59.000	59.000
3,560.000	59.000	59.000	59.000	59.000	59.000
3,570.000	59.000	59.000	59.000	59.000	59.000
3,580.000	59.000	58.000	58.000	58.000	58.000
3,590.000	58.000	58.000	58.000	58.000	58.000
3,600.000	58.000	58.000	58.000	58.000	58.000
3,610.000	57.000	57.000	57.000	57.000	57.000
3,620.000	57.000	57.000	57.000	57.000	57.000
3,630.000	57.000	57.000	57.000	57.000	57.000
3,640.000	56.000	56.000	56.000	56.000	56.000
3,650.000	56.000	56.000	56.000	56.000	56.000
3,660.000	56.000	56.000	56.000	56.000	56.000
3,670.000	56.000	55.000	55.000	55.000	55.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV3
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
3,680.000	55.000	55.000	55.000	55.000	55.000
3,690.000	55.000	55.000	55.000	55.000	55.000
3,700.000	55.000	55.000	55.000	54.000	54.000
3,710.000	54.000	54.000	54.000	54.000	54.000
3,720.000	54.000	54.000	54.000	54.000	54.000
3,730.000	54.000	54.000	54.000	54.000	54.000
3,740.000	53.000	53.000	53.000	53.000	53.000
3,750.000	53.000	53.000	53.000	53.000	53.000
3,760.000	53.000	53.000	53.000	53.000	53.000
3,770.000	53.000	53.000	53.000	52.000	52.000
3,780.000	52.000	52.000	52.000	52.000	52.000
3,790.000	52.000	52.000	52.000	52.000	52.000
3,800.000	52.000	52.000	52.000	52.000	52.000
3,810.000	52.000	52.000	52.000	51.000	51.000
3,820.000	51.000	51.000	51.000	51.000	51.000
3,830.000	51.000	51.000	51.000	51.000	51.000
3,840.000	51.000	51.000	51.000	51.000	51.000
3,850.000	51.000	51.000	51.000	50.000	50.000
3,860.000	50.000	50.000	50.000	50.000	50.000
3,870.000	50.000	50.000	50.000	50.000	50.000
3,880.000	50.000	50.000	50.000	50.000	50.000
3,890.000	50.000	50.000	50.000	50.000	50.000
3,900.000	49.000	49.000	49.000	49.000	49.000
3,910.000	49.000	49.000	49.000	49.000	49.000
3,920.000	49.000	49.000	49.000	49.000	49.000
3,930.000	49.000	49.000	49.000	49.000	49.000
3,940.000	49.000	49.000	49.000	48.000	48.000
3,950.000	48.000	48.000	48.000	48.000	48.000
3,960.000	48.000	48.000	48.000	48.000	48.000
3,970.000	48.000	48.000	48.000	48.000	48.000
3,980.000	48.000	48.000	48.000	48.000	48.000
3,990.000	48.000	48.000	47.000	47.000	47.000
4,000.000	47.000	47.000	47.000	47.000	47.000
4,010.000	47.000	47.000	47.000	47.000	47.000
4,020.000	47.000	47.000	47.000	47.000	47.000
4,030.000	47.000	47.000	47.000	47.000	47.000
4,040.000	47.000	47.000	47.000	47.000	46.000
4,050.000	46.000	46.000	46.000	46.000	46.000
4,060.000	46.000	46.000	46.000	46.000	46.000
4,070.000	46.000	46.000	46.000	46.000	46.000
4,080.000	46.000	46.000	46.000	46.000	46.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV3
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,090.000	46.000	46.000	46.000	46.000	46.000
4,100.000	46.000	46.000	45.000	45.000	45.000
4,110.000	45.000	45.000	45.000	45.000	45.000
4,120.000	45.000	45.000	45.000	45.000	45.000
4,130.000	45.000	45.000	45.000	45.000	45.000
4,140.000	45.000	45.000	45.000	45.000	45.000
4,150.000	45.000	45.000	45.000	45.000	45.000
4,160.000	45.000	45.000	44.000	44.000	44.000
4,170.000	44.000	44.000	44.000	44.000	44.000
4,180.000	44.000	44.000	44.000	44.000	44.000
4,190.000	44.000	44.000	44.000	44.000	44.000
4,200.000	44.000	44.000	44.000	44.000	44.000
4,210.000	44.000	44.000	43.000	43.000	43.000
4,220.000	43.000	43.000	43.000	43.000	43.000
4,230.000	43.000	43.000	43.000	43.000	43.000
4,240.000	43.000	43.000	43.000	43.000	43.000
4,250.000	43.000	43.000	43.000	43.000	43.000
4,260.000	43.000	43.000	42.000	42.000	42.000
4,270.000	42.000	42.000	42.000	42.000	42.000
4,280.000	42.000	42.000	42.000	42.000	42.000
4,290.000	42.000	42.000	42.000	42.000	42.000
4,300.000	42.000	42.000	42.000	42.000	42.000
4,310.000	42.000	41.000	41.000	41.000	41.000
4,320.000	41.000	41.000	41.000	41.000	41.000
4,330.000	41.000	41.000	41.000	41.000	41.000
4,340.000	41.000	41.000	41.000	41.000	41.000
4,350.000	41.000	41.000	41.000	41.000	41.000
4,360.000	40.000	40.000	40.000	40.000	40.000
4,370.000	40.000	40.000	40.000	40.000	40.000
4,380.000	40.000	40.000	40.000	40.000	40.000
4,390.000	40.000	40.000	40.000	40.000	40.000
4,400.000	40.000	40.000	40.000	40.000	40.000
4,410.000	39.000	39.000	39.000	39.000	39.000
4,420.000	39.000	39.000	39.000	39.000	39.000
4,430.000	39.000	39.000	39.000	39.000	39.000
4,440.000	39.000	39.000	39.000	39.000	39.000
4,450.000	39.000	39.000	39.000	39.000	38.000
4,460.000	38.000	38.000	38.000	38.000	38.000
4,470.000	38.000	38.000	38.000	38.000	38.000
4,480.000	38.000	38.000	38.000	38.000	38.000
4,490.000	38.000	38.000	38.000	38.000	38.000

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70/71 Phase 6R Proposed

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,500.000	38.000	38.000	38.000	37.000	37.000
4,510.000	37.000	37.000	37.000	37.000	37.000
4,520.000	37.000	37.000	37.000	37.000	37.000
4,530.000	37.000	37.000	37.000	37.000	37.000
4,540.000	37.000	37.000	37.000	37.000	37.000
4,550.000	37.000	37.000	36.000	36.000	36.000
4,560.000	36.000	36.000	36.000	36.000	36.000
4,570.000	36.000	36.000	36.000	36.000	36.000
4,580.000	36.000	36.000	36.000	36.000	36.000
4,590.000	36.000	36.000	36.000	36.000	36.000
4,600.000	36.000	36.000	35.000	35.000	35.000
4,610.000	35.000	35.000	35.000	35.000	35.000
4,620.000	35.000	35.000	35.000	35.000	35.000
4,630.000	35.000	35.000	35.000	35.000	35.000
4,640.000	35.000	35.000	35.000	35.000	35.000
4,650.000	35.000	34.000	34.000	34.000	34.000
4,660.000	34.000	34.000	34.000	34.000	34.000
4,670.000	34.000	34.000	34.000	34.000	34.000
4,680.000	34.000	34.000	34.000	34.000	34.000
4,690.000	34.000	34.000	34.000	34.000	34.000
4,700.000	33.000	33.000	33.000	33.000	33.000
4,710.000	33.000	33.000	33.000	33.000	33.000
4,720.000	33.000	33.000	33.000	33.000	33.000
4,730.000	33.000	33.000	33.000	33.000	33.000
4,740.000	33.000	33.000	33.000	33.000	33.000
4,750.000	32.000	32.000	32.000	32.000	32.000
4,760.000	32.000	32.000	32.000	32.000	32.000
4,770.000	32.000	32.000	32.000	32.000	32.000
4,780.000	32.000	32.000	32.000	32.000	32.000
4,790.000	32.000	32.000	32.000	32.000	31.000
4,800.000	31.000	31.000	31.000	31.000	31.000
4,810.000	31.000	31.000	31.000	31.000	31.000
4,820.000	31.000	31.000	31.000	31.000	31.000
4,830.000	31.000	31.000	31.000	31.000	31.000
4,840.000	31.000	31.000	31.000	30.000	30.000
4,850.000	30.000	30.000	30.000	30.000	30.000
4,860.000	30.000	30.000	30.000	30.000	30.000
4,870.000	30.000	30.000	30.000	30.000	30.000
4,880.000	30.000	30.000	30.000	30.000	30.000
4,890.000	30.000	30.000	30.000	29.000	29.000
4,900.000	29.000	29.000	29.000	29.000	29.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume

Label: WQV3

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,910.000	29.000	29.000	29.000	29.000	29.000
4,920.000	29.000	29.000	29.000	29.000	29.000
4,930.000	29.000	29.000	29.000	29.000	29.000
4,940.000	29.000	29.000	28.000	28.000	28.000
4,950.000	28.000	28.000	28.000	28.000	28.000
4,960.000	28.000	28.000	28.000	28.000	28.000
4,970.000	28.000	28.000	28.000	28.000	28.000
4,980.000	28.000	28.000	28.000	28.000	28.000
4,990.000	28.000	27.000	27.000	27.000	27.000
5,000.000	27.000	27.000	27.000	27.000	27.000
5,010.000	27.000	27.000	27.000	27.000	27.000
5,020.000	27.000	27.000	27.000	27.000	27.000
5,030.000	27.000	27.000	27.000	27.000	27.000
5,040.000	27.000	26.000	26.000	26.000	26.000
5,050.000	26.000	26.000	26.000	26.000	26.000
5,060.000	26.000	26.000	26.000	26.000	26.000
5,070.000	26.000	26.000	26.000	26.000	26.000
5,080.000	26.000	26.000	26.000	26.000	26.000
5,090.000	25.000	25.000	25.000	25.000	25.000
5,100.000	25.000	25.000	25.000	25.000	25.000
5,110.000	25.000	25.000	25.000	25.000	25.000
5,120.000	25.000	25.000	25.000	25.000	25.000
5,130.000	25.000	25.000	25.000	25.000	24.000
5,140.000	24.000	24.000	24.000	24.000	24.000
5,150.000	24.000	24.000	24.000	24.000	24.000
5,160.000	24.000	24.000	24.000	24.000	24.000
5,170.000	24.000	24.000	24.000	24.000	24.000
5,180.000	24.000	24.000	24.000	23.000	23.000
5,190.000	23.000	23.000	23.000	23.000	23.000
5,200.000	23.000	23.000	23.000	23.000	23.000
5,210.000	23.000	23.000	23.000	23.000	23.000
5,220.000	23.000	23.000	23.000	23.000	23.000
5,230.000	23.000	23.000	23.000	22.000	22.000
5,240.000	22.000	22.000	22.000	22.000	22.000
5,250.000	22.000	22.000	22.000	22.000	22.000
5,260.000	22.000	22.000	22.000	22.000	22.000
5,270.000	22.000	22.000	22.000	22.000	22.000
5,280.000	22.000	22.000	21.000	21.000	21.000
5,290.000	21.000	21.000	21.000	21.000	21.000
5,300.000	21.000	21.000	21.000	21.000	21.000
5,310.000	21.000	21.000	21.000	21.000	21.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV3   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5,320.000	21.000	21.000	21.000	21.000	21.000
5,330.000	21.000	20.000	20.000	20.000	20.000
5,340.000	20.000	20.000	20.000	20.000	20.000
5,350.000	20.000	20.000	20.000	20.000	20.000
5,360.000	20.000	20.000	20.000	20.000	20.000
5,370.000	20.000	20.000	20.000	20.000	20.000
5,380.000	20.000	19.000	19.000	19.000	19.000
5,390.000	19.000	19.000	19.000	19.000	19.000
5,400.000	19.000	19.000	19.000	19.000	19.000
5,410.000	19.000	19.000	19.000	19.000	19.000
5,420.000	19.000	19.000	19.000	19.000	19.000
5,430.000	18.000	18.000	18.000	18.000	18.000
5,440.000	18.000	18.000	18.000	18.000	18.000
5,450.000	18.000	18.000	18.000	18.000	18.000
5,460.000	18.000	18.000	18.000	18.000	18.000
5,470.000	18.000	18.000	18.000	18.000	17.000
5,480.000	17.000	17.000	17.000	17.000	17.000
5,490.000	17.000	17.000	17.000	17.000	17.000
5,500.000	17.000	17.000	17.000	17.000	17.000
5,510.000	17.000	17.000	17.000	17.000	17.000
5,520.000	17.000	17.000	17.000	17.000	16.000
5,530.000	16.000	16.000	16.000	16.000	16.000
5,540.000	16.000	16.000	16.000	16.000	16.000
5,550.000	16.000	16.000	16.000	16.000	16.000
5,560.000	16.000	16.000	16.000	16.000	16.000
5,570.000	16.000	16.000	16.000	15.000	15.000
5,580.000	15.000	15.000	15.000	15.000	15.000
5,590.000	15.000	15.000	15.000	15.000	15.000
5,600.000	15.000	15.000	15.000	15.000	15.000
5,610.000	15.000	15.000	15.000	15.000	15.000
5,620.000	15.000	15.000	14.000	14.000	14.000
5,630.000	14.000	14.000	14.000	14.000	14.000
5,640.000	14.000	14.000	14.000	14.000	14.000
5,650.000	14.000	14.000	14.000	14.000	14.000
5,660.000	14.000	14.000	14.000	14.000	14.000
5,670.000	14.000	14.000	14.000	13.000	13.000
5,680.000	13.000	13.000	13.000	13.000	13.000
5,690.000	13.000	13.000	13.000	13.000	13.000
5,700.000	13.000	13.000	13.000	13.000	13.000
5,710.000	13.000	13.000	13.000	13.000	13.000
5,720.000	13.000	13.000	13.000	13.000	13.000

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Subsection: Time vs. Volume　　　　　　　　　　　　　　　　Return Event: 100 years
Label: WQV3　　　　　　　　　　　　　　　　　　　　　　Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5,730.000	13.000	12.000	12.000	12.000	12.000
5,740.000	12.000	12.000	12.000	12.000	12.000
5,750.000	12.000	12.000	12.000	12.000	12.000
5,760.000	12.000	(N/A)	(N/A)	(N/A)	(N/A)

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Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV4   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
20.000	0.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
40.000	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
80.000	0.000	0.000	0.000	0.000	0.000
90.000	0.000	1.000	1.000	1.000	1.000
100.000	1.000	1.000	1.000	1.000	1.000
110.000	2.000	2.000	2.000	2.000	2.000
120.000	3.000	3.000	3.000	3.000	3.000
130.000	4.000	4.000	4.000	4.000	5.000
140.000	5.000	5.000	5.000	6.000	6.000
150.000	6.000	6.000	7.000	7.000	7.000
160.000	8.000	8.000	8.000	9.000	9.000
170.000	9.000	10.000	10.000	10.000	11.000
180.000	11.000	11.000	12.000	12.000	12.000
190.000	13.000	13.000	14.000	14.000	14.000
200.000	15.000	15.000	16.000	16.000	16.000
210.000	17.000	17.000	18.000	18.000	19.000
220.000	19.000	19.000	20.000	20.000	21.000
230.000	21.000	22.000	22.000	23.000	23.000
240.000	24.000	24.000	24.000	25.000	25.000
250.000	26.000	26.000	27.000	28.000	28.000
260.000	29.000	29.000	30.000	30.000	31.000
270.000	31.000	32.000	32.000	33.000	34.000
280.000	34.000	35.000	35.000	36.000	37.000
290.000	37.000	38.000	38.000	39.000	40.000
300.000	40.000	41.000	42.000	42.000	43.000
310.000	44.000	44.000	45.000	46.000	46.000
320.000	47.000	48.000	49.000	49.000	50.000
330.000	51.000	51.000	52.000	53.000	54.000
340.000	54.000	55.000	56.000	57.000	58.000
350.000	58.000	59.000	60.000	61.000	62.000
360.000	62.000	63.000	64.000	65.000	66.000
370.000	66.000	67.000	68.000	68.000	69.000
380.000	70.000	70.000	71.000	72.000	73.000
390.000	74.000	74.000	75.000	76.000	77.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV4
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
400.000	78.000	79.000	80.000	81.000	82.000
410.000	83.000	84.000	85.000	86.000	87.000
420.000	88.000	89.000	90.000	91.000	92.000
430.000	93.000	94.000	95.000	96.000	97.000
440.000	98.000	99.000	99.000	100.000	101.000
450.000	102.000	103.000	104.000	105.000	106.000
460.000	107.000	108.000	108.000	109.000	110.000
470.000	111.000	112.000	114.000	115.000	116.000
480.000	117.000	118.000	119.000	120.000	121.000
490.000	122.000	124.000	125.000	126.000	127.000
500.000	129.000	130.000	131.000	133.000	134.000
510.000	136.000	137.000	139.000	140.000	142.000
520.000	143.000	144.000	146.000	147.000	149.000
530.000	150.000	152.000	153.000	155.000	156.000
540.000	158.000	159.000	161.000	163.000	164.000
550.000	166.000	168.000	169.000	171.000	173.000
560.000	174.000	176.000	178.000	179.000	181.000
570.000	183.000	184.000	185.000	185.000	185.000
580.000	185.000	185.000	185.000	185.000	185.000
590.000	185.000	185.000	185.000	185.000	185.000
600.000	185.000	185.000	185.000	185.000	185.000
610.000	185.000	185.000	185.000	185.000	185.000
620.000	185.000	185.000	185.000	185.000	185.000
630.000	186.000	186.000	186.000	186.000	186.000
640.000	186.000	186.000	186.000	186.000	186.000
650.000	186.000	186.000	186.000	186.000	186.000
660.000	186.000	186.000	186.000	186.000	186.000
670.000	187.000	187.000	187.000	187.000	187.000
680.000	187.000	187.000	187.000	188.000	188.000
690.000	188.000	188.000	188.000	189.000	190.000
700.000	192.000	194.000	197.000	200.000	204.000
710.000	208.000	213.000	220.000	227.000	232.000
720.000	234.000	232.000	228.000	221.000	213.000
730.000	205.000	200.000	196.000	194.000	192.000
740.000	191.000	190.000	190.000	189.000	189.000
750.000	189.000	188.000	188.000	188.000	188.000
760.000	187.000	187.000	187.000	187.000	187.000
770.000	187.000	187.000	187.000	187.000	186.000
780.000	186.000	186.000	186.000	186.000	186.000
790.000	186.000	186.000	186.000	186.000	186.000
800.000	186.000	186.000	186.000	186.000	186.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV4
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
810.000	186.000	186.000	186.000	186.000	186.000
820.000	186.000	186.000	185.000	185.000	185.000
830.000	185.000	185.000	185.000	185.000	185.000
840.000	185.000	185.000	185.000	185.000	185.000
850.000	185.000	185.000	185.000	185.000	185.000
860.000	185.000	185.000	185.000	185.000	185.000
870.000	185.000	185.000	185.000	185.000	185.000
880.000	185.000	185.000	185.000	185.000	185.000
890.000	185.000	185.000	185.000	185.000	185.000
900.000	185.000	185.000	185.000	185.000	185.000
910.000	185.000	185.000	185.000	185.000	185.000
920.000	185.000	185.000	185.000	185.000	185.000
930.000	185.000	185.000	185.000	185.000	185.000
940.000	185.000	185.000	185.000	185.000	185.000
950.000	185.000	185.000	185.000	185.000	185.000
960.000	185.000	185.000	185.000	185.000	185.000
970.000	185.000	185.000	185.000	185.000	185.000
980.000	185.000	185.000	185.000	185.000	185.000
990.000	185.000	185.000	185.000	185.000	185.000
1,000.000	185.000	185.000	185.000	185.000	185.000
1,010.000	185.000	185.000	185.000	185.000	185.000
1,020.000	185.000	185.000	184.000	184.000	184.000
1,030.000	184.000	184.000	184.000	184.000	184.000
1,040.000	184.000	184.000	184.000	184.000	184.000
1,050.000	184.000	184.000	184.000	184.000	184.000
1,060.000	184.000	184.000	184.000	184.000	184.000
1,070.000	184.000	184.000	184.000	184.000	184.000
1,080.000	184.000	184.000	184.000	184.000	184.000
1,090.000	184.000	184.000	184.000	184.000	184.000
1,100.000	184.000	184.000	184.000	184.000	184.000
1,110.000	184.000	184.000	184.000	184.000	184.000
1,120.000	184.000	184.000	184.000	184.000	184.000
1,130.000	184.000	184.000	184.000	184.000	184.000
1,140.000	184.000	184.000	184.000	184.000	184.000
1,150.000	184.000	184.000	184.000	184.000	184.000
1,160.000	184.000	184.000	184.000	184.000	184.000
1,170.000	184.000	184.000	184.000	184.000	184.000
1,180.000	184.000	184.000	184.000	184.000	184.000
1,190.000	184.000	184.000	184.000	184.000	184.000
1,200.000	184.000	184.000	184.000	184.000	184.000
1,210.000	184.000	184.000	184.000	184.000	184.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume

Label: WQV4

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
1,220.000	184.000	184.000	184.000	184.000	184.000
1,230.000	184.000	184.000	184.000	184.000	184.000
1,240.000	184.000	184.000	184.000	184.000	184.000
1,250.000	184.000	184.000	184.000	184.000	184.000
1,260.000	184.000	184.000	184.000	184.000	184.000
1,270.000	184.000	184.000	184.000	184.000	184.000
1,280.000	184.000	184.000	184.000	184.000	184.000
1,290.000	184.000	184.000	184.000	184.000	184.000
1,300.000	184.000	184.000	184.000	184.000	184.000
1,310.000	184.000	184.000	184.000	184.000	184.000
1,320.000	184.000	184.000	184.000	184.000	184.000
1,330.000	184.000	184.000	184.000	184.000	184.000
1,340.000	184.000	184.000	184.000	184.000	184.000
1,350.000	184.000	184.000	184.000	184.000	184.000
1,360.000	184.000	184.000	184.000	184.000	184.000
1,370.000	184.000	184.000	184.000	184.000	184.000
1,380.000	184.000	184.000	184.000	184.000	184.000
1,390.000	184.000	184.000	184.000	184.000	184.000
1,400.000	184.000	184.000	184.000	184.000	184.000
1,410.000	184.000	184.000	184.000	184.000	184.000
1,420.000	184.000	184.000	184.000	184.000	184.000
1,430.000	184.000	184.000	184.000	184.000	184.000
1,440.000	184.000	184.000	184.000	184.000	184.000
1,450.000	184.000	184.000	184.000	184.000	183.000
1,460.000	183.000	183.000	183.000	183.000	183.000
1,470.000	183.000	182.000	182.000	182.000	182.000
1,480.000	182.000	182.000	182.000	181.000	181.000
1,490.000	181.000	181.000	181.000	181.000	180.000
1,500.000	180.000	180.000	180.000	180.000	180.000
1,510.000	180.000	179.000	179.000	179.000	179.000
1,520.000	179.000	179.000	179.000	178.000	178.000
1,530.000	178.000	178.000	178.000	178.000	177.000
1,540.000	177.000	177.000	177.000	177.000	177.000
1,550.000	177.000	176.000	176.000	176.000	176.000
1,560.000	176.000	176.000	176.000	175.000	175.000
1,570.000	175.000	175.000	175.000	175.000	174.000
1,580.000	174.000	174.000	174.000	174.000	174.000
1,590.000	174.000	173.000	173.000	173.000	173.000
1,600.000	173.000	173.000	172.000	172.000	172.000
1,610.000	172.000	172.000	172.000	172.000	171.000
1,620.000	171.000	171.000	171.000	171.000	171.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV4
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
1,630.000	171.000	170.000	170.000	170.000	170.000
1,640.000	170.000	170.000	169.000	169.000	169.000
1,650.000	169.000	169.000	169.000	169.000	168.000
1,660.000	168.000	168.000	168.000	168.000	168.000
1,670.000	167.000	167.000	167.000	167.000	167.000
1,680.000	167.000	167.000	166.000	166.000	166.000
1,690.000	166.000	166.000	166.000	166.000	165.000
1,700.000	165.000	165.000	165.000	165.000	165.000
1,710.000	164.000	164.000	164.000	164.000	164.000
1,720.000	164.000	164.000	163.000	163.000	163.000
1,730.000	163.000	163.000	163.000	162.000	162.000
1,740.000	162.000	162.000	162.000	162.000	162.000
1,750.000	161.000	161.000	161.000	161.000	161.000
1,760.000	161.000	161.000	160.000	160.000	160.000
1,770.000	160.000	160.000	160.000	159.000	159.000
1,780.000	159.000	159.000	159.000	159.000	159.000
1,790.000	158.000	158.000	158.000	158.000	158.000
1,800.000	158.000	158.000	157.000	157.000	157.000
1,810.000	157.000	157.000	157.000	156.000	156.000
1,820.000	156.000	156.000	156.000	156.000	156.000
1,830.000	155.000	155.000	155.000	155.000	155.000
1,840.000	155.000	154.000	154.000	154.000	154.000
1,850.000	154.000	154.000	154.000	153.000	153.000
1,860.000	153.000	153.000	153.000	153.000	153.000
1,870.000	152.000	152.000	152.000	152.000	152.000
1,880.000	152.000	151.000	151.000	151.000	151.000
1,890.000	151.000	151.000	151.000	150.000	150.000
1,900.000	150.000	150.000	150.000	150.000	149.000
1,910.000	149.000	149.000	149.000	149.000	149.000
1,920.000	149.000	148.000	148.000	148.000	148.000
1,930.000	148.000	148.000	148.000	147.000	147.000
1,940.000	147.000	147.000	147.000	147.000	146.000
1,950.000	146.000	146.000	146.000	146.000	146.000
1,960.000	146.000	145.000	145.000	145.000	145.000
1,970.000	145.000	145.000	144.000	144.000	144.000
1,980.000	144.000	144.000	144.000	144.000	143.000
1,990.000	143.000	143.000	143.000	143.000	143.000
2,000.000	143.000	142.000	142.000	142.000	142.000
2,010.000	142.000	142.000	141.000	141.000	141.000
2,020.000	141.000	141.000	141.000	141.000	140.000
2,030.000	140.000	140.000	140.000	140.000	140.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV4
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,040.000	140.000	139.000	139.000	139.000	139.000
2,050.000	139.000	138.000	138.000	138.000	138.000
2,060.000	138.000	138.000	137.000	137.000	137.000
2,070.000	137.000	137.000	137.000	136.000	136.000
2,080.000	136.000	136.000	136.000	135.000	135.000
2,090.000	135.000	135.000	135.000	135.000	134.000
2,100.000	134.000	134.000	134.000	134.000	134.000
2,110.000	133.000	133.000	133.000	133.000	133.000
2,120.000	133.000	132.000	132.000	132.000	132.000
2,130.000	132.000	132.000	131.000	131.000	131.000
2,140.000	131.000	131.000	131.000	130.000	130.000
2,150.000	130.000	130.000	130.000	130.000	129.000
2,160.000	129.000	129.000	129.000	129.000	129.000
2,170.000	129.000	128.000	128.000	128.000	128.000
2,180.000	128.000	128.000	127.000	127.000	127.000
2,190.000	127.000	127.000	127.000	126.000	126.000
2,200.000	126.000	126.000	126.000	126.000	126.000
2,210.000	125.000	125.000	125.000	125.000	125.000
2,220.000	125.000	125.000	124.000	124.000	124.000
2,230.000	124.000	124.000	124.000	123.000	123.000
2,240.000	123.000	123.000	123.000	123.000	123.000
2,250.000	122.000	122.000	122.000	122.000	122.000
2,260.000	122.000	122.000	121.000	121.000	121.000
2,270.000	121.000	121.000	121.000	121.000	120.000
2,280.000	120.000	120.000	120.000	120.000	120.000
2,290.000	120.000	120.000	119.000	119.000	119.000
2,300.000	119.000	119.000	119.000	119.000	118.000
2,310.000	118.000	118.000	118.000	118.000	118.000
2,320.000	118.000	117.000	117.000	117.000	117.000
2,330.000	117.000	117.000	117.000	117.000	116.000
2,340.000	116.000	116.000	116.000	116.000	116.000
2,350.000	116.000	116.000	115.000	115.000	115.000
2,360.000	115.000	115.000	115.000	115.000	115.000
2,370.000	114.000	114.000	114.000	114.000	114.000
2,380.000	114.000	114.000	114.000	113.000	113.000
2,390.000	113.000	113.000	113.000	113.000	113.000
2,400.000	113.000	112.000	112.000	112.000	112.000
2,410.000	112.000	112.000	112.000	112.000	111.000
2,420.000	111.000	111.000	111.000	111.000	111.000
2,430.000	111.000	111.000	111.000	110.000	110.000
2,440.000	110.000	110.000	110.000	110.000	110.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV4
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,450.000	110.000	109.000	109.000	109.000	109.000
2,460.000	109.000	109.000	109.000	109.000	109.000
2,470.000	108.000	108.000	108.000	108.000	108.000
2,480.000	108.000	108.000	108.000	108.000	107.000
2,490.000	107.000	107.000	107.000	107.000	107.000
2,500.000	107.000	107.000	107.000	106.000	106.000
2,510.000	106.000	106.000	106.000	106.000	106.000
2,520.000	106.000	106.000	105.000	105.000	105.000
2,530.000	105.000	105.000	105.000	105.000	105.000
2,540.000	105.000	105.000	104.000	104.000	104.000
2,550.000	104.000	104.000	104.000	104.000	104.000
2,560.000	104.000	104.000	103.000	103.000	103.000
2,570.000	103.000	103.000	103.000	103.000	103.000
2,580.000	103.000	103.000	102.000	102.000	102.000
2,590.000	102.000	102.000	102.000	102.000	102.000
2,600.000	102.000	102.000	101.000	101.000	101.000
2,610.000	101.000	101.000	101.000	101.000	101.000
2,620.000	101.000	101.000	100.000	100.000	100.000
2,630.000	100.000	100.000	100.000	100.000	100.000
2,640.000	100.000	100.000	100.000	99.000	99.000
2,650.000	99.000	99.000	99.000	99.000	99.000
2,660.000	99.000	99.000	99.000	99.000	98.000
2,670.000	98.000	98.000	98.000	98.000	98.000
2,680.000	98.000	98.000	98.000	98.000	98.000
2,690.000	97.000	97.000	97.000	97.000	97.000
2,700.000	97.000	97.000	97.000	97.000	97.000
2,710.000	97.000	96.000	96.000	96.000	96.000
2,720.000	96.000	96.000	96.000	96.000	96.000
2,730.000	96.000	96.000	96.000	95.000	95.000
2,740.000	95.000	95.000	95.000	95.000	95.000
2,750.000	95.000	95.000	95.000	95.000	95.000
2,760.000	94.000	94.000	94.000	94.000	94.000
2,770.000	94.000	94.000	94.000	94.000	94.000
2,780.000	93.000	93.000	93.000	93.000	93.000
2,790.000	93.000	93.000	93.000	92.000	92.000
2,800.000	92.000	92.000	92.000	92.000	92.000
2,810.000	92.000	91.000	91.000	91.000	91.000
2,820.000	91.000	91.000	91.000	91.000	91.000
2,830.000	90.000	90.000	90.000	90.000	90.000
2,840.000	90.000	90.000	90.000	89.000	89.000
2,850.000	89.000	89.000	89.000	89.000	89.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV4   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,860.000	89.000	89.000	88.000	88.000	88.000
2,870.000	88.000	88.000	88.000	88.000	88.000
2,880.000	88.000	87.000	87.000	87.000	87.000
2,890.000	87.000	87.000	87.000	87.000	87.000
2,900.000	87.000	86.000	86.000	86.000	86.000
2,910.000	86.000	86.000	86.000	86.000	86.000
2,920.000	86.000	85.000	85.000	85.000	85.000
2,930.000	85.000	85.000	85.000	85.000	85.000
2,940.000	85.000	84.000	84.000	84.000	84.000
2,950.000	84.000	84.000	84.000	84.000	84.000
2,960.000	84.000	83.000	83.000	83.000	83.000
2,970.000	83.000	83.000	83.000	83.000	83.000
2,980.000	83.000	82.000	82.000	82.000	82.000
2,990.000	82.000	82.000	82.000	82.000	82.000
3,000.000	82.000	82.000	81.000	81.000	81.000
3,010.000	81.000	81.000	81.000	81.000	81.000
3,020.000	81.000	81.000	81.000	80.000	80.000
3,030.000	80.000	80.000	80.000	80.000	80.000
3,040.000	80.000	80.000	80.000	80.000	80.000
3,050.000	79.000	79.000	79.000	79.000	79.000
3,060.000	79.000	79.000	79.000	79.000	79.000
3,070.000	79.000	79.000	78.000	78.000	78.000
3,080.000	78.000	78.000	78.000	78.000	78.000
3,090.000	78.000	78.000	78.000	78.000	77.000
3,100.000	77.000	77.000	77.000	77.000	77.000
3,110.000	77.000	77.000	77.000	77.000	77.000
3,120.000	77.000	77.000	76.000	76.000	76.000
3,130.000	76.000	76.000	76.000	76.000	76.000
3,140.000	76.000	76.000	76.000	76.000	76.000
3,150.000	76.000	75.000	75.000	75.000	75.000
3,160.000	75.000	75.000	75.000	75.000	75.000
3,170.000	75.000	75.000	75.000	75.000	75.000
3,180.000	74.000	74.000	74.000	74.000	74.000
3,190.000	74.000	74.000	74.000	74.000	74.000
3,200.000	74.000	74.000	74.000	74.000	73.000
3,210.000	73.000	73.000	73.000	73.000	73.000
3,220.000	73.000	73.000	73.000	73.000	73.000
3,230.000	73.000	73.000	73.000	73.000	72.000
3,240.000	72.000	72.000	72.000	72.000	72.000
3,250.000	72.000	72.000	72.000	72.000	72.000
3,260.000	72.000	72.000	72.000	72.000	72.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume

Label: WQV4

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
3,270.000	71.000	71.000	71.000	71.000	71.000
3,280.000	71.000	71.000	71.000	71.000	71.000
3,290.000	71.000	71.000	71.000	71.000	71.000
3,300.000	71.000	70.000	70.000	70.000	70.000
3,310.000	70.000	70.000	70.000	70.000	70.000
3,320.000	70.000	70.000	70.000	70.000	70.000
3,330.000	70.000	70.000	70.000	69.000	69.000
3,340.000	69.000	69.000	69.000	69.000	69.000
3,350.000	69.000	69.000	69.000	69.000	69.000
3,360.000	69.000	69.000	69.000	69.000	69.000
3,370.000	69.000	68.000	68.000	68.000	68.000
3,380.000	68.000	68.000	68.000	68.000	68.000
3,390.000	68.000	68.000	68.000	68.000	68.000
3,400.000	68.000	68.000	68.000	68.000	68.000
3,410.000	67.000	67.000	67.000	67.000	67.000
3,420.000	67.000	67.000	67.000	67.000	67.000
3,430.000	67.000	67.000	67.000	67.000	67.000
3,440.000	67.000	67.000	67.000	67.000	67.000
3,450.000	66.000	66.000	66.000	66.000	66.000
3,460.000	66.000	66.000	66.000	66.000	66.000
3,470.000	66.000	66.000	66.000	66.000	66.000
3,480.000	66.000	66.000	66.000	66.000	66.000
3,490.000	66.000	65.000	65.000	65.000	65.000
3,500.000	65.000	65.000	65.000	65.000	65.000
3,510.000	65.000	65.000	65.000	65.000	65.000
3,520.000	65.000	65.000	65.000	64.000	64.000
3,530.000	64.000	64.000	64.000	64.000	64.000
3,540.000	64.000	64.000	64.000	64.000	64.000
3,550.000	64.000	64.000	64.000	64.000	64.000
3,560.000	63.000	63.000	63.000	63.000	63.000
3,570.000	63.000	63.000	63.000	63.000	63.000
3,580.000	63.000	63.000	63.000	63.000	63.000
3,590.000	63.000	62.000	62.000	62.000	62.000
3,600.000	62.000	62.000	62.000	62.000	62.000
3,610.000	62.000	62.000	62.000	62.000	62.000
3,620.000	62.000	62.000	62.000	61.000	61.000
3,630.000	61.000	61.000	61.000	61.000	61.000
3,640.000	61.000	61.000	61.000	61.000	61.000
3,650.000	61.000	61.000	61.000	61.000	60.000
3,660.000	60.000	60.000	60.000	60.000	60.000
3,670.000	60.000	60.000	60.000	60.000	60.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV4
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
3,680.000	60.000	60.000	60.000	60.000	60.000
3,690.000	60.000	59.000	59.000	59.000	59.000
3,700.000	59.000	59.000	59.000	59.000	59.000
3,710.000	59.000	59.000	59.000	59.000	59.000
3,720.000	59.000	59.000	58.000	58.000	58.000
3,730.000	58.000	58.000	58.000	58.000	58.000
3,740.000	58.000	58.000	58.000	58.000	58.000
3,750.000	58.000	58.000	58.000	58.000	57.000
3,760.000	57.000	57.000	57.000	57.000	57.000
3,770.000	57.000	57.000	57.000	57.000	57.000
3,780.000	57.000	57.000	57.000	57.000	57.000
3,790.000	57.000	56.000	56.000	56.000	56.000
3,800.000	56.000	56.000	56.000	56.000	56.000
3,810.000	56.000	56.000	56.000	56.000	56.000
3,820.000	56.000	56.000	55.000	55.000	55.000
3,830.000	55.000	55.000	55.000	55.000	55.000
3,840.000	55.000	55.000	55.000	55.000	55.000
3,850.000	55.000	55.000	55.000	55.000	54.000
3,860.000	54.000	54.000	54.000	54.000	54.000
3,870.000	54.000	54.000	54.000	54.000	54.000
3,880.000	54.000	54.000	54.000	54.000	54.000
3,890.000	53.000	53.000	53.000	53.000	53.000
3,900.000	53.000	53.000	53.000	53.000	53.000
3,910.000	53.000	53.000	53.000	53.000	53.000
3,920.000	53.000	53.000	52.000	52.000	52.000
3,930.000	52.000	52.000	52.000	52.000	52.000
3,940.000	52.000	52.000	52.000	52.000	52.000
3,950.000	52.000	52.000	52.000	51.000	51.000
3,960.000	51.000	51.000	51.000	51.000	51.000
3,970.000	51.000	51.000	51.000	51.000	51.000
3,980.000	51.000	51.000	51.000	51.000	51.000
3,990.000	50.000	50.000	50.000	50.000	50.000
4,000.000	50.000	50.000	50.000	50.000	50.000
4,010.000	50.000	50.000	50.000	50.000	50.000
4,020.000	50.000	49.000	49.000	49.000	49.000
4,030.000	49.000	49.000	49.000	49.000	49.000
4,040.000	49.000	49.000	49.000	49.000	49.000
4,050.000	49.000	49.000	49.000	48.000	48.000
4,060.000	48.000	48.000	48.000	48.000	48.000
4,070.000	48.000	48.000	48.000	48.000	48.000
4,080.000	48.000	48.000	48.000	48.000	47.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV4   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,090.000	47.000	47.000	47.000	47.000	47.000
4,100.000	47.000	47.000	47.000	47.000	47.000
4,110.000	47.000	47.000	47.000	47.000	47.000
4,120.000	47.000	46.000	46.000	46.000	46.000
4,130.000	46.000	46.000	46.000	46.000	46.000
4,140.000	46.000	46.000	46.000	46.000	46.000
4,150.000	46.000	46.000	45.000	45.000	45.000
4,160.000	45.000	45.000	45.000	45.000	45.000
4,170.000	45.000	45.000	45.000	45.000	45.000
4,180.000	45.000	45.000	45.000	45.000	44.000
4,190.000	44.000	44.000	44.000	44.000	44.000
4,200.000	44.000	44.000	44.000	44.000	44.000
4,210.000	44.000	44.000	44.000	44.000	44.000
4,220.000	43.000	43.000	43.000	43.000	43.000
4,230.000	43.000	43.000	43.000	43.000	43.000
4,240.000	43.000	43.000	43.000	43.000	43.000
4,250.000	43.000	43.000	42.000	42.000	42.000
4,260.000	42.000	42.000	42.000	42.000	42.000
4,270.000	42.000	42.000	42.000	42.000	42.000
4,280.000	42.000	42.000	42.000	41.000	41.000
4,290.000	41.000	41.000	41.000	41.000	41.000
4,300.000	41.000	41.000	41.000	41.000	41.000
4,310.000	41.000	41.000	41.000	41.000	41.000
4,320.000	40.000	40.000	40.000	40.000	40.000
4,330.000	40.000	40.000	40.000	40.000	40.000
4,340.000	40.000	40.000	40.000	40.000	40.000
4,350.000	40.000	40.000	39.000	39.000	39.000
4,360.000	39.000	39.000	39.000	39.000	39.000
4,370.000	39.000	39.000	39.000	39.000	39.000
4,380.000	39.000	39.000	39.000	38.000	38.000
4,390.000	38.000	38.000	38.000	38.000	38.000
4,400.000	38.000	38.000	38.000	38.000	38.000
4,410.000	38.000	38.000	38.000	38.000	38.000
4,420.000	37.000	37.000	37.000	37.000	37.000
4,430.000	37.000	37.000	37.000	37.000	37.000
4,440.000	37.000	37.000	37.000	37.000	37.000
4,450.000	37.000	36.000	36.000	36.000	36.000
4,460.000	36.000	36.000	36.000	36.000	36.000
4,470.000	36.000	36.000	36.000	36.000	36.000
4,480.000	36.000	36.000	36.000	35.000	35.000
4,490.000	35.000	35.000	35.000	35.000	35.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV4
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,500.000	35.000	35.000	35.000	35.000	35.000
4,510.000	35.000	35.000	35.000	35.000	34.000
4,520.000	34.000	34.000	34.000	34.000	34.000
4,530.000	34.000	34.000	34.000	34.000	34.000
4,540.000	34.000	34.000	34.000	34.000	34.000
4,550.000	34.000	33.000	33.000	33.000	33.000
4,560.000	33.000	33.000	33.000	33.000	33.000
4,570.000	33.000	33.000	33.000	33.000	33.000
4,580.000	33.000	33.000	32.000	32.000	32.000
4,590.000	32.000	32.000	32.000	32.000	32.000
4,600.000	32.000	32.000	32.000	32.000	32.000
4,610.000	32.000	32.000	32.000	32.000	31.000
4,620.000	31.000	31.000	31.000	31.000	31.000
4,630.000	31.000	31.000	31.000	31.000	31.000
4,640.000	31.000	31.000	31.000	31.000	31.000
4,650.000	30.000	30.000	30.000	30.000	30.000
4,660.000	30.000	30.000	30.000	30.000	30.000
4,670.000	30.000	30.000	30.000	30.000	30.000
4,680.000	30.000	30.000	29.000	29.000	29.000
4,690.000	29.000	29.000	29.000	29.000	29.000
4,700.000	29.000	29.000	29.000	29.000	29.000
4,710.000	29.000	29.000	29.000	28.000	28.000
4,720.000	28.000	28.000	28.000	28.000	28.000
4,730.000	28.000	28.000	28.000	28.000	28.000
4,740.000	28.000	28.000	28.000	28.000	28.000
4,750.000	27.000	27.000	27.000	27.000	27.000
4,760.000	27.000	27.000	27.000	27.000	27.000
4,770.000	27.000	27.000	27.000	27.000	27.000
4,780.000	27.000	26.000	26.000	26.000	26.000
4,790.000	26.000	26.000	26.000	26.000	26.000
4,800.000	26.000	26.000	26.000	26.000	26.000
4,810.000	26.000	26.000	26.000	25.000	25.000
4,820.000	25.000	25.000	25.000	25.000	25.000
4,830.000	25.000	25.000	25.000	25.000	25.000
4,840.000	25.000	25.000	25.000	25.000	24.000
4,850.000	24.000	24.000	24.000	24.000	24.000
4,860.000	24.000	24.000	24.000	24.000	24.000
4,870.000	24.000	24.000	24.000	24.000	24.000
4,880.000	24.000	23.000	23.000	23.000	23.000
4,890.000	23.000	23.000	23.000	23.000	23.000
4,900.000	23.000	23.000	23.000	23.000	23.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV4
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,910.000	23.000	23.000	23.000	22.000	22.000
4,920.000	22.000	22.000	22.000	22.000	22.000
4,930.000	22.000	22.000	22.000	22.000	22.000
4,940.000	22.000	22.000	22.000	22.000	21.000
4,950.000	21.000	21.000	21.000	21.000	21.000
4,960.000	21.000	21.000	21.000	21.000	21.000
4,970.000	21.000	21.000	21.000	21.000	21.000
4,980.000	21.000	20.000	20.000	20.000	20.000
4,990.000	20.000	20.000	20.000	20.000	20.000
5,000.000	20.000	20.000	20.000	20.000	20.000
5,010.000	20.000	20.000	20.000	20.000	19.000
5,020.000	19.000	19.000	19.000	19.000	19.000
5,030.000	19.000	19.000	19.000	19.000	19.000
5,040.000	19.000	19.000	19.000	19.000	19.000
5,050.000	19.000	19.000	19.000	18.000	18.000
5,060.000	18.000	18.000	18.000	18.000	18.000
5,070.000	18.000	18.000	18.000	18.000	18.000
5,080.000	18.000	18.000	18.000	18.000	18.000
5,090.000	18.000	18.000	18.000	17.000	17.000
5,100.000	17.000	17.000	17.000	17.000	17.000
5,110.000	17.000	17.000	17.000	17.000	17.000
5,120.000	17.000	17.000	17.000	17.000	17.000
5,130.000	17.000	17.000	17.000	17.000	16.000
5,140.000	16.000	16.000	16.000	16.000	16.000
5,150.000	16.000	16.000	16.000	16.000	16.000
5,160.000	16.000	16.000	16.000	16.000	16.000
5,170.000	16.000	16.000	16.000	16.000	16.000
5,180.000	16.000	16.000	15.000	15.000	15.000
5,190.000	15.000	15.000	15.000	15.000	15.000
5,200.000	15.000	15.000	15.000	15.000	15.000
5,210.000	15.000	15.000	15.000	15.000	15.000
5,220.000	15.000	15.000	15.000	15.000	15.000
5,230.000	15.000	14.000	14.000	14.000	14.000
5,240.000	14.000	14.000	14.000	14.000	14.000
5,250.000	14.000	14.000	14.000	14.000	14.000
5,260.000	14.000	14.000	14.000	14.000	14.000
5,270.000	14.000	14.000	14.000	14.000	14.000
5,280.000	14.000	14.000	13.000	13.000	13.000
5,290.000	13.000	13.000	13.000	13.000	13.000
5,300.000	13.000	13.000	13.000	13.000	13.000
5,310.000	13.000	13.000	13.000	13.000	13.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years

Label: WQV4   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5,320.000	13.000	13.000	13.000	13.000	13.000
5,330.000	13.000	13.000	13.000	13.000	12.000
5,340.000	12.000	12.000	12.000	12.000	12.000
5,350.000	12.000	12.000	12.000	12.000	12.000
5,360.000	12.000	12.000	12.000	12.000	12.000
5,370.000	12.000	12.000	12.000	12.000	12.000
5,380.000	12.000	12.000	12.000	12.000	12.000
5,390.000	12.000	12.000	12.000	12.000	11.000
5,400.000	11.000	11.000	11.000	11.000	11.000
5,410.000	11.000	11.000	11.000	11.000	11.000
5,420.000	11.000	11.000	11.000	11.000	11.000
5,430.000	11.000	11.000	11.000	11.000	11.000
5,440.000	11.000	11.000	11.000	11.000	11.000
5,450.000	11.000	11.000	11.000	11.000	11.000
5,460.000	11.000	11.000	10.000	10.000	10.000
5,470.000	10.000	10.000	10.000	10.000	10.000
5,480.000	10.000	10.000	10.000	10.000	10.000
5,490.000	10.000	10.000	10.000	10.000	10.000
5,500.000	10.000	10.000	10.000	10.000	10.000
5,510.000	10.000	10.000	10.000	10.000	10.000
5,520.000	10.000	10.000	10.000	10.000	10.000
5,530.000	10.000	10.000	10.000	9.000	9.000
5,540.000	9.000	9.000	9.000	9.000	9.000
5,550.000	9.000	9.000	9.000	9.000	9.000
5,560.000	9.000	9.000	9.000	9.000	9.000
5,570.000	9.000	9.000	9.000	9.000	9.000
5,580.000	9.000	9.000	9.000	9.000	9.000
5,590.000	9.000	9.000	9.000	9.000	9.000
5,600.000	9.000	9.000	9.000	9.000	9.000
5,610.000	9.000	9.000	9.000	8.000	8.000
5,620.000	8.000	8.000	8.000	8.000	8.000
5,630.000	8.000	8.000	8.000	8.000	8.000
5,640.000	8.000	8.000	8.000	8.000	8.000
5,650.000	8.000	8.000	8.000	8.000	8.000
5,660.000	8.000	8.000	8.000	8.000	8.000
5,670.000	8.000	8.000	8.000	8.000	8.000
5,680.000	8.000	8.000	8.000	8.000	8.000
5,690.000	8.000	8.000	8.000	8.000	8.000
5,700.000	8.000	8.000	8.000	7.000	7.000
5,710.000	7.000	7.000	7.000	7.000	7.000
5,720.000	7.000	7.000	7.000	7.000	7.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV4   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5,730.000	7.000	7.000	7.000	7.000	7.000
5,740.000	7.000	7.000	7.000	7.000	7.000
5,750.000	7.000	7.000	7.000	7.000	7.000
5,760.000	7.000	(N/A)	(N/A)	(N/A)	(N/A)

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
20.000	0.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
40.000	0.000	0.000	0.000	0.000	0.000
50.000	0.000	0.000	0.000	0.000	0.000
60.000	0.000	0.000	0.000	0.000	0.000
70.000	0.000	0.000	0.000	0.000	0.000
80.000	0.000	0.000	0.000	0.000	0.000
90.000	0.000	0.000	0.000	0.000	0.000
100.000	0.000	0.000	0.000	0.000	0.000
110.000	0.000	0.000	0.000	0.000	0.000
120.000	0.000	0.000	0.000	0.000	0.000
130.000	0.000	0.000	0.000	0.000	0.000
140.000	0.000	0.000	0.000	0.000	0.000
150.000	0.000	1.000	1.000	1.000	1.000
160.000	1.000	1.000	1.000	1.000	1.000
170.000	1.000	1.000	1.000	1.000	1.000
180.000	1.000	2.000	2.000	2.000	2.000
190.000	2.000	2.000	2.000	2.000	2.000
200.000	2.000	3.000	3.000	3.000	3.000
210.000	3.000	3.000	3.000	3.000	3.000
220.000	4.000	4.000	4.000	4.000	4.000
230.000	4.000	4.000	5.000	5.000	5.000
240.000	5.000	5.000	5.000	5.000	6.000
250.000	6.000	6.000	6.000	6.000	6.000
260.000	7.000	7.000	7.000	7.000	7.000
270.000	7.000	8.000	8.000	8.000	8.000
280.000	8.000	8.000	9.000	9.000	9.000
290.000	9.000	9.000	10.000	10.000	10.000
300.000	10.000	10.000	11.000	11.000	11.000
310.000	11.000	12.000	12.000	12.000	12.000
320.000	12.000	13.000	13.000	13.000	13.000
330.000	14.000	14.000	14.000	14.000	15.000
340.000	15.000	15.000	15.000	16.000	16.000
350.000	16.000	16.000	17.000	17.000	17.000
360.000	17.000	18.000	18.000	18.000	19.000
370.000	19.000	19.000	20.000	20.000	20.000
380.000	20.000	21.000	21.000	21.000	22.000
390.000	22.000	22.000	23.000	23.000	23.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV5   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
400.000	24.000	24.000	24.000	25.000	25.000
410.000	25.000	26.000	26.000	26.000	27.000
420.000	27.000	27.000	28.000	28.000	29.000
430.000	29.000	29.000	30.000	30.000	30.000
440.000	31.000	31.000	32.000	32.000	32.000
450.000	33.000	33.000	34.000	34.000	34.000
460.000	35.000	35.000	36.000	36.000	36.000
470.000	37.000	37.000	38.000	38.000	39.000
480.000	39.000	39.000	40.000	40.000	41.000
490.000	41.000	42.000	42.000	43.000	43.000
500.000	44.000	44.000	45.000	45.000	45.000
510.000	46.000	46.000	47.000	47.000	48.000
520.000	48.000	49.000	49.000	50.000	50.000
530.000	51.000	52.000	52.000	53.000	53.000
540.000	54.000	55.000	56.000	56.000	57.000
550.000	58.000	59.000	59.000	60.000	61.000
560.000	62.000	63.000	64.000	64.000	65.000
570.000	66.000	66.000	67.000	67.000	68.000
580.000	69.000	69.000	70.000	71.000	71.000
590.000	72.000	73.000	73.000	74.000	75.000
600.000	76.000	77.000	78.000	79.000	79.000
610.000	80.000	81.000	82.000	83.000	85.000
620.000	86.000	87.000	88.000	89.000	91.000
630.000	92.000	93.000	95.000	96.000	97.000
640.000	98.000	100.000	101.000	102.000	104.000
650.000	105.000	107.000	108.000	110.000	111.000
660.000	113.000	115.000	116.000	118.000	120.000
670.000	122.000	123.000	124.000	124.000	124.000
680.000	124.000	124.000	124.000	124.000	124.000
690.000	124.000	124.000	124.000	124.000	125.000
700.000	125.000	126.000	126.000	127.000	128.000
710.000	129.000	130.000	132.000	134.000	137.000
720.000	137.000	137.000	135.000	132.000	129.000
730.000	127.000	126.000	126.000	125.000	125.000
740.000	125.000	124.000	124.000	124.000	124.000
750.000	124.000	124.000	124.000	124.000	124.000
760.000	124.000	124.000	124.000	124.000	124.000
770.000	124.000	124.000	124.000	123.000	123.000
780.000	123.000	123.000	123.000	123.000	123.000
790.000	123.000	123.000	123.000	123.000	123.000
800.000	123.000	123.000	123.000	123.000	123.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV5   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
810.000	123.000	123.000	123.000	123.000	123.000
820.000	123.000	123.000	123.000	123.000	123.000
830.000	123.000	123.000	123.000	123.000	123.000
840.000	123.000	123.000	123.000	123.000	123.000
850.000	123.000	123.000	123.000	123.000	123.000
860.000	123.000	123.000	123.000	123.000	123.000
870.000	123.000	123.000	123.000	123.000	123.000
880.000	123.000	123.000	123.000	123.000	123.000
890.000	123.000	123.000	123.000	123.000	123.000
900.000	123.000	123.000	123.000	123.000	123.000
910.000	123.000	123.000	123.000	123.000	123.000
920.000	123.000	123.000	123.000	123.000	123.000
930.000	123.000	123.000	123.000	123.000	123.000
940.000	123.000	123.000	123.000	123.000	123.000
950.000	123.000	123.000	123.000	123.000	123.000
960.000	123.000	123.000	123.000	123.000	123.000
970.000	123.000	123.000	123.000	123.000	123.000
980.000	123.000	123.000	123.000	123.000	123.000
990.000	123.000	123.000	123.000	123.000	123.000
1,000.000	123.000	123.000	123.000	123.000	123.000
1,010.000	123.000	123.000	123.000	123.000	123.000
1,020.000	123.000	123.000	123.000	123.000	123.000
1,030.000	123.000	123.000	123.000	123.000	123.000
1,040.000	123.000	123.000	123.000	123.000	123.000
1,050.000	123.000	123.000	123.000	123.000	123.000
1,060.000	123.000	123.000	123.000	123.000	123.000
1,070.000	123.000	123.000	123.000	123.000	123.000
1,080.000	123.000	123.000	123.000	123.000	123.000
1,090.000	123.000	123.000	123.000	123.000	123.000
1,100.000	123.000	123.000	123.000	123.000	123.000
1,110.000	123.000	123.000	123.000	123.000	123.000
1,120.000	123.000	123.000	123.000	123.000	123.000
1,130.000	123.000	123.000	123.000	123.000	123.000
1,140.000	123.000	123.000	123.000	123.000	123.000
1,150.000	123.000	123.000	123.000	123.000	123.000
1,160.000	123.000	123.000	123.000	123.000	123.000
1,170.000	123.000	123.000	123.000	123.000	123.000
1,180.000	123.000	123.000	123.000	123.000	123.000
1,190.000	123.000	123.000	123.000	123.000	123.000
1,200.000	123.000	123.000	123.000	123.000	123.000
1,210.000	123.000	123.000	123.000	123.000	123.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
1,220.000	123.000	123.000	123.000	123.000	123.000
1,230.000	123.000	123.000	123.000	123.000	123.000
1,240.000	123.000	123.000	123.000	123.000	123.000
1,250.000	123.000	123.000	123.000	123.000	123.000
1,260.000	123.000	123.000	123.000	123.000	123.000
1,270.000	123.000	123.000	123.000	123.000	123.000
1,280.000	123.000	123.000	123.000	123.000	123.000
1,290.000	123.000	123.000	123.000	123.000	123.000
1,300.000	123.000	123.000	123.000	123.000	123.000
1,310.000	123.000	123.000	123.000	123.000	123.000
1,320.000	123.000	123.000	123.000	123.000	123.000
1,330.000	123.000	123.000	123.000	123.000	123.000
1,340.000	123.000	123.000	123.000	123.000	123.000
1,350.000	123.000	123.000	123.000	123.000	123.000
1,360.000	123.000	123.000	123.000	123.000	123.000
1,370.000	123.000	123.000	123.000	123.000	123.000
1,380.000	123.000	123.000	123.000	123.000	123.000
1,390.000	123.000	123.000	123.000	123.000	123.000
1,400.000	123.000	123.000	123.000	123.000	123.000
1,410.000	123.000	123.000	123.000	123.000	123.000
1,420.000	123.000	123.000	123.000	123.000	123.000
1,430.000	123.000	123.000	123.000	123.000	123.000
1,440.000	123.000	123.000	123.000	123.000	123.000
1,450.000	123.000	123.000	123.000	123.000	122.000
1,460.000	122.000	122.000	122.000	122.000	122.000
1,470.000	122.000	122.000	122.000	122.000	121.000
1,480.000	121.000	121.000	121.000	121.000	121.000
1,490.000	121.000	121.000	121.000	121.000	120.000
1,500.000	120.000	120.000	120.000	120.000	120.000
1,510.000	120.000	120.000	120.000	120.000	119.000
1,520.000	119.000	119.000	119.000	119.000	119.000
1,530.000	119.000	119.000	119.000	118.000	118.000
1,540.000	118.000	118.000	118.000	118.000	118.000
1,550.000	118.000	118.000	118.000	117.000	117.000
1,560.000	117.000	117.000	117.000	117.000	117.000
1,570.000	117.000	117.000	117.000	116.000	116.000
1,580.000	116.000	116.000	116.000	116.000	116.000
1,590.000	116.000	116.000	115.000	115.000	115.000
1,600.000	115.000	115.000	115.000	115.000	115.000
1,610.000	115.000	115.000	114.000	114.000	114.000
1,620.000	114.000	114.000	114.000	114.000	114.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
1,630.000	114.000	114.000	113.000	113.000	113.000
1,640.000	113.000	113.000	113.000	113.000	113.000
1,650.000	113.000	113.000	112.000	112.000	112.000
1,660.000	112.000	112.000	112.000	112.000	112.000
1,670.000	112.000	111.000	111.000	111.000	111.000
1,680.000	111.000	111.000	111.000	111.000	111.000
1,690.000	111.000	110.000	110.000	110.000	110.000
1,700.000	110.000	110.000	110.000	110.000	110.000
1,710.000	110.000	109.000	109.000	109.000	109.000
1,720.000	109.000	109.000	109.000	109.000	109.000
1,730.000	108.000	108.000	108.000	108.000	108.000
1,740.000	108.000	108.000	108.000	108.000	108.000
1,750.000	107.000	107.000	107.000	107.000	107.000
1,760.000	107.000	107.000	107.000	107.000	107.000
1,770.000	106.000	106.000	106.000	106.000	106.000
1,780.000	106.000	106.000	106.000	106.000	106.000
1,790.000	105.000	105.000	105.000	105.000	105.000
1,800.000	105.000	105.000	105.000	105.000	104.000
1,810.000	104.000	104.000	104.000	104.000	104.000
1,820.000	104.000	104.000	104.000	104.000	103.000
1,830.000	103.000	103.000	103.000	103.000	103.000
1,840.000	103.000	103.000	103.000	103.000	102.000
1,850.000	102.000	102.000	102.000	102.000	102.000
1,860.000	102.000	102.000	102.000	102.000	101.000
1,870.000	101.000	101.000	101.000	101.000	101.000
1,880.000	101.000	101.000	101.000	100.000	100.000
1,890.000	100.000	100.000	100.000	100.000	100.000
1,900.000	100.000	100.000	100.000	99.000	99.000
1,910.000	99.000	99.000	99.000	99.000	99.000
1,920.000	99.000	99.000	99.000	98.000	98.000
1,930.000	98.000	98.000	98.000	98.000	98.000
1,940.000	98.000	98.000	97.000	97.000	97.000
1,950.000	97.000	97.000	97.000	97.000	97.000
1,960.000	97.000	97.000	96.000	96.000	96.000
1,970.000	96.000	96.000	96.000	96.000	96.000
1,980.000	96.000	96.000	95.000	95.000	95.000
1,990.000	95.000	95.000	95.000	95.000	95.000
2,000.000	95.000	94.000	94.000	94.000	94.000
2,010.000	94.000	94.000	94.000	94.000	94.000
2,020.000	93.000	93.000	93.000	93.000	93.000
2,030.000	93.000	93.000	93.000	92.000	92.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,040.000	92.000	92.000	92.000	92.000	92.000
2,050.000	92.000	91.000	91.000	91.000	91.000
2,060.000	91.000	91.000	91.000	91.000	91.000
2,070.000	90.000	90.000	90.000	90.000	90.000
2,080.000	90.000	90.000	90.000	90.000	89.000
2,090.000	89.000	89.000	89.000	89.000	89.000
2,100.000	89.000	89.000	89.000	88.000	88.000
2,110.000	88.000	88.000	88.000	88.000	88.000
2,120.000	88.000	88.000	87.000	87.000	87.000
2,130.000	87.000	87.000	87.000	87.000	87.000
2,140.000	87.000	86.000	86.000	86.000	86.000
2,150.000	86.000	86.000	86.000	86.000	86.000
2,160.000	86.000	85.000	85.000	85.000	85.000
2,170.000	85.000	85.000	85.000	85.000	85.000
2,180.000	85.000	84.000	84.000	84.000	84.000
2,190.000	84.000	84.000	84.000	84.000	84.000
2,200.000	84.000	83.000	83.000	83.000	83.000
2,210.000	83.000	83.000	83.000	83.000	83.000
2,220.000	83.000	82.000	82.000	82.000	82.000
2,230.000	82.000	82.000	82.000	82.000	82.000
2,240.000	82.000	82.000	81.000	81.000	81.000
2,250.000	81.000	81.000	81.000	81.000	81.000
2,260.000	81.000	81.000	80.000	80.000	80.000
2,270.000	80.000	80.000	80.000	80.000	80.000
2,280.000	80.000	80.000	80.000	79.000	79.000
2,290.000	79.000	79.000	79.000	79.000	79.000
2,300.000	79.000	79.000	79.000	79.000	79.000
2,310.000	78.000	78.000	78.000	78.000	78.000
2,320.000	78.000	78.000	78.000	78.000	78.000
2,330.000	78.000	77.000	77.000	77.000	77.000
2,340.000	77.000	77.000	77.000	77.000	77.000
2,350.000	77.000	77.000	77.000	76.000	76.000
2,360.000	76.000	76.000	76.000	76.000	76.000
2,370.000	76.000	76.000	76.000	76.000	76.000
2,380.000	76.000	75.000	75.000	75.000	75.000
2,390.000	75.000	75.000	75.000	75.000	75.000
2,400.000	75.000	75.000	75.000	74.000	74.000
2,410.000	74.000	74.000	74.000	74.000	74.000
2,420.000	74.000	74.000	74.000	74.000	74.000
2,430.000	74.000	73.000	73.000	73.000	73.000
2,440.000	73.000	73.000	73.000	73.000	73.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,450.000	73.000	73.000	73.000	73.000	73.000
2,460.000	72.000	72.000	72.000	72.000	72.000
2,470.000	72.000	72.000	72.000	72.000	72.000
2,480.000	72.000	72.000	72.000	71.000	71.000
2,490.000	71.000	71.000	71.000	71.000	71.000
2,500.000	71.000	71.000	71.000	71.000	71.000
2,510.000	71.000	71.000	71.000	70.000	70.000
2,520.000	70.000	70.000	70.000	70.000	70.000
2,530.000	70.000	70.000	70.000	70.000	70.000
2,540.000	70.000	70.000	69.000	69.000	69.000
2,550.000	69.000	69.000	69.000	69.000	69.000
2,560.000	69.000	69.000	69.000	69.000	69.000
2,570.000	69.000	69.000	68.000	68.000	68.000
2,580.000	68.000	68.000	68.000	68.000	68.000
2,590.000	68.000	68.000	68.000	68.000	68.000
2,600.000	68.000	68.000	68.000	67.000	67.000
2,610.000	67.000	67.000	67.000	67.000	67.000
2,620.000	67.000	67.000	67.000	67.000	67.000
2,630.000	67.000	67.000	67.000	67.000	66.000
2,640.000	66.000	66.000	66.000	66.000	66.000
2,650.000	66.000	66.000	66.000	66.000	66.000
2,660.000	66.000	66.000	66.000	66.000	66.000
2,670.000	66.000	65.000	65.000	65.000	65.000
2,680.000	65.000	65.000	65.000	65.000	65.000
2,690.000	65.000	65.000	65.000	65.000	65.000
2,700.000	65.000	65.000	65.000	64.000	64.000
2,710.000	64.000	64.000	64.000	64.000	64.000
2,720.000	64.000	64.000	64.000	64.000	64.000
2,730.000	64.000	64.000	64.000	63.000	63.000
2,740.000	63.000	63.000	63.000	63.000	63.000
2,750.000	63.000	63.000	63.000	63.000	63.000
2,760.000	62.000	62.000	62.000	62.000	62.000
2,770.000	62.000	62.000	62.000	62.000	62.000
2,780.000	62.000	62.000	62.000	61.000	61.000
2,790.000	61.000	61.000	61.000	61.000	61.000
2,800.000	61.000	61.000	61.000	61.000	61.000
2,810.000	61.000	60.000	60.000	60.000	60.000
2,820.000	60.000	60.000	60.000	60.000	60.000
2,830.000	60.000	60.000	60.000	60.000	59.000
2,840.000	59.000	59.000	59.000	59.000	59.000
2,850.000	59.000	59.000	59.000	59.000	59.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2,860.000	59.000	59.000	59.000	58.000	58.000
2,870.000	58.000	58.000	58.000	58.000	58.000
2,880.000	58.000	58.000	58.000	58.000	58.000
2,890.000	58.000	58.000	57.000	57.000	57.000
2,900.000	57.000	57.000	57.000	57.000	57.000
2,910.000	57.000	57.000	57.000	57.000	57.000
2,920.000	57.000	57.000	57.000	56.000	56.000
2,930.000	56.000	56.000	56.000	56.000	56.000
2,940.000	56.000	56.000	56.000	56.000	56.000
2,950.000	56.000	56.000	56.000	55.000	55.000
2,960.000	55.000	55.000	55.000	55.000	55.000
2,970.000	55.000	55.000	55.000	55.000	55.000
2,980.000	55.000	55.000	55.000	55.000	55.000
2,990.000	54.000	54.000	54.000	54.000	54.000
3,000.000	54.000	54.000	54.000	54.000	54.000
3,010.000	54.000	54.000	54.000	54.000	54.000
3,020.000	54.000	54.000	53.000	53.000	53.000
3,030.000	53.000	53.000	53.000	53.000	53.000
3,040.000	53.000	53.000	53.000	53.000	53.000
3,050.000	53.000	53.000	53.000	53.000	53.000
3,060.000	53.000	52.000	52.000	52.000	52.000
3,070.000	52.000	52.000	52.000	52.000	52.000
3,080.000	52.000	52.000	52.000	52.000	52.000
3,090.000	52.000	52.000	52.000	52.000	52.000
3,100.000	51.000	51.000	51.000	51.000	51.000
3,110.000	51.000	51.000	51.000	51.000	51.000
3,120.000	51.000	51.000	51.000	51.000	51.000
3,130.000	51.000	51.000	51.000	51.000	51.000
3,140.000	50.000	50.000	50.000	50.000	50.000
3,150.000	50.000	50.000	50.000	50.000	50.000
3,160.000	50.000	50.000	50.000	50.000	50.000
3,170.000	50.000	50.000	50.000	50.000	50.000
3,180.000	50.000	50.000	49.000	49.000	49.000
3,190.000	49.000	49.000	49.000	49.000	49.000
3,200.000	49.000	49.000	49.000	49.000	49.000
3,210.000	49.000	49.000	49.000	49.000	49.000
3,220.000	49.000	49.000	49.000	49.000	49.000
3,230.000	48.000	48.000	48.000	48.000	48.000
3,240.000	48.000	48.000	48.000	48.000	48.000
3,250.000	48.000	48.000	48.000	48.000	48.000
3,260.000	48.000	48.000	48.000	48.000	48.000

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[08.11.01.56]
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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
3,270.000	48.000	48.000	48.000	48.000	48.000
3,280.000	47.000	47.000	47.000	47.000	47.000
3,290.000	47.000	47.000	47.000	47.000	47.000
3,300.000	47.000	47.000	47.000	47.000	47.000
3,310.000	47.000	47.000	47.000	47.000	47.000
3,320.000	47.000	47.000	47.000	47.000	47.000
3,330.000	47.000	46.000	46.000	46.000	46.000
3,340.000	46.000	46.000	46.000	46.000	46.000
3,350.000	46.000	46.000	46.000	46.000	46.000
3,360.000	46.000	46.000	46.000	46.000	46.000
3,370.000	46.000	46.000	46.000	46.000	46.000
3,380.000	46.000	46.000	46.000	46.000	45.000
3,390.000	45.000	45.000	45.000	45.000	45.000
3,400.000	45.000	45.000	45.000	45.000	45.000
3,410.000	45.000	45.000	45.000	45.000	45.000
3,420.000	45.000	45.000	45.000	45.000	45.000
3,430.000	45.000	45.000	45.000	45.000	45.000
3,440.000	45.000	45.000	45.000	45.000	45.000
3,450.000	44.000	44.000	44.000	44.000	44.000
3,460.000	44.000	44.000	44.000	44.000	44.000
3,470.000	44.000	44.000	44.000	44.000	44.000
3,480.000	44.000	44.000	44.000	44.000	44.000
3,490.000	44.000	44.000	44.000	44.000	44.000
3,500.000	43.000	43.000	43.000	43.000	43.000
3,510.000	43.000	43.000	43.000	43.000	43.000
3,520.000	43.000	43.000	43.000	43.000	43.000
3,530.000	43.000	43.000	43.000	43.000	43.000
3,540.000	43.000	43.000	43.000	43.000	42.000
3,550.000	42.000	42.000	42.000	42.000	42.000
3,560.000	42.000	42.000	42.000	42.000	42.000
3,570.000	42.000	42.000	42.000	42.000	42.000
3,580.000	42.000	42.000	42.000	42.000	42.000
3,590.000	42.000	42.000	42.000	41.000	41.000
3,600.000	41.000	41.000	41.000	41.000	41.000
3,610.000	41.000	41.000	41.000	41.000	41.000
3,620.000	41.000	41.000	41.000	41.000	41.000
3,630.000	41.000	41.000	41.000	41.000	41.000
3,640.000	41.000	41.000	41.000	40.000	40.000
3,650.000	40.000	40.000	40.000	40.000	40.000
3,660.000	40.000	40.000	40.000	40.000	40.000
3,670.000	40.000	40.000	40.000	40.000	40.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
3,680.000	40.000	40.000	40.000	40.000	40.000
3,690.000	40.000	40.000	39.000	39.000	39.000
3,700.000	39.000	39.000	39.000	39.000	39.000
3,710.000	39.000	39.000	39.000	39.000	39.000
3,720.000	39.000	39.000	39.000	39.000	39.000
3,730.000	39.000	39.000	39.000	39.000	39.000
3,740.000	39.000	38.000	38.000	38.000	38.000
3,750.000	38.000	38.000	38.000	38.000	38.000
3,760.000	38.000	38.000	38.000	38.000	38.000
3,770.000	38.000	38.000	38.000	38.000	38.000
3,780.000	38.000	38.000	38.000	38.000	38.000
3,790.000	37.000	37.000	37.000	37.000	37.000
3,800.000	37.000	37.000	37.000	37.000	37.000
3,810.000	37.000	37.000	37.000	37.000	37.000
3,820.000	37.000	37.000	37.000	37.000	37.000
3,830.000	37.000	37.000	37.000	37.000	37.000
3,840.000	36.000	36.000	36.000	36.000	36.000
3,850.000	36.000	36.000	36.000	36.000	36.000
3,860.000	36.000	36.000	36.000	36.000	36.000
3,870.000	36.000	36.000	36.000	36.000	36.000
3,880.000	36.000	36.000	36.000	36.000	35.000
3,890.000	35.000	35.000	35.000	35.000	35.000
3,900.000	35.000	35.000	35.000	35.000	35.000
3,910.000	35.000	35.000	35.000	35.000	35.000
3,920.000	35.000	35.000	35.000	35.000	35.000
3,930.000	35.000	35.000	35.000	34.000	34.000
3,940.000	34.000	34.000	34.000	34.000	34.000
3,950.000	34.000	34.000	34.000	34.000	34.000
3,960.000	34.000	34.000	34.000	34.000	34.000
3,970.000	34.000	34.000	34.000	34.000	34.000
3,980.000	34.000	34.000	34.000	33.000	33.000
3,990.000	33.000	33.000	33.000	33.000	33.000
4,000.000	33.000	33.000	33.000	33.000	33.000
4,010.000	33.000	33.000	33.000	33.000	33.000
4,020.000	33.000	33.000	33.000	33.000	33.000
4,030.000	33.000	33.000	32.000	32.000	32.000
4,040.000	32.000	32.000	32.000	32.000	32.000
4,050.000	32.000	32.000	32.000	32.000	32.000
4,060.000	32.000	32.000	32.000	32.000	32.000
4,070.000	32.000	32.000	32.000	32.000	32.000
4,080.000	32.000	31.000	31.000	31.000	31.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,090.000	31.000	31.000	31.000	31.000	31.000
4,100.000	31.000	31.000	31.000	31.000	31.000
4,110.000	31.000	31.000	31.000	31.000	31.000
4,120.000	31.000	31.000	31.000	31.000	31.000
4,130.000	31.000	30.000	30.000	30.000	30.000
4,140.000	30.000	30.000	30.000	30.000	30.000
4,150.000	30.000	30.000	30.000	30.000	30.000
4,160.000	30.000	30.000	30.000	30.000	30.000
4,170.000	30.000	30.000	30.000	30.000	30.000
4,180.000	29.000	29.000	29.000	29.000	29.000
4,190.000	29.000	29.000	29.000	29.000	29.000
4,200.000	29.000	29.000	29.000	29.000	29.000
4,210.000	29.000	29.000	29.000	29.000	29.000
4,220.000	29.000	29.000	29.000	29.000	28.000
4,230.000	28.000	28.000	28.000	28.000	28.000
4,240.000	28.000	28.000	28.000	28.000	28.000
4,250.000	28.000	28.000	28.000	28.000	28.000
4,260.000	28.000	28.000	28.000	28.000	28.000
4,270.000	28.000	28.000	28.000	28.000	27.000
4,280.000	27.000	27.000	27.000	27.000	27.000
4,290.000	27.000	27.000	27.000	27.000	27.000
4,300.000	27.000	27.000	27.000	27.000	27.000
4,310.000	27.000	27.000	27.000	27.000	27.000
4,320.000	27.000	27.000	27.000	26.000	26.000
4,330.000	26.000	26.000	26.000	26.000	26.000
4,340.000	26.000	26.000	26.000	26.000	26.000
4,350.000	26.000	26.000	26.000	26.000	26.000
4,360.000	26.000	26.000	26.000	26.000	26.000
4,370.000	26.000	26.000	25.000	25.000	25.000
4,380.000	25.000	25.000	25.000	25.000	25.000
4,390.000	25.000	25.000	25.000	25.000	25.000
4,400.000	25.000	25.000	25.000	25.000	25.000
4,410.000	25.000	25.000	25.000	25.000	25.000
4,420.000	25.000	24.000	24.000	24.000	24.000
4,430.000	24.000	24.000	24.000	24.000	24.000
4,440.000	24.000	24.000	24.000	24.000	24.000
4,450.000	24.000	24.000	24.000	24.000	24.000
4,460.000	24.000	24.000	24.000	24.000	24.000
4,470.000	24.000	23.000	23.000	23.000	23.000
4,480.000	23.000	23.000	23.000	23.000	23.000
4,490.000	23.000	23.000	23.000	23.000	23.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,500.000	23.000	23.000	23.000	23.000	23.000
4,510.000	23.000	23.000	23.000	23.000	23.000
4,520.000	22.000	22.000	22.000	22.000	22.000
4,530.000	22.000	22.000	22.000	22.000	22.000
4,540.000	22.000	22.000	22.000	22.000	22.000
4,550.000	22.000	22.000	22.000	22.000	22.000
4,560.000	22.000	22.000	22.000	22.000	21.000
4,570.000	21.000	21.000	21.000	21.000	21.000
4,580.000	21.000	21.000	21.000	21.000	21.000
4,590.000	21.000	21.000	21.000	21.000	21.000
4,600.000	21.000	21.000	21.000	21.000	21.000
4,610.000	21.000	21.000	21.000	21.000	20.000
4,620.000	20.000	20.000	20.000	20.000	20.000
4,630.000	20.000	20.000	20.000	20.000	20.000
4,640.000	20.000	20.000	20.000	20.000	20.000
4,650.000	20.000	20.000	20.000	20.000	20.000
4,660.000	20.000	20.000	20.000	19.000	19.000
4,670.000	19.000	19.000	19.000	19.000	19.000
4,680.000	19.000	19.000	19.000	19.000	19.000
4,690.000	19.000	19.000	19.000	19.000	19.000
4,700.000	19.000	19.000	19.000	19.000	19.000
4,710.000	19.000	19.000	18.000	18.000	18.000
4,720.000	18.000	18.000	18.000	18.000	18.000
4,730.000	18.000	18.000	18.000	18.000	18.000
4,740.000	18.000	18.000	18.000	18.000	18.000
4,750.000	18.000	18.000	18.000	18.000	18.000
4,760.000	18.000	18.000	17.000	17.000	17.000
4,770.000	17.000	17.000	17.000	17.000	17.000
4,780.000	17.000	17.000	17.000	17.000	17.000
4,790.000	17.000	17.000	17.000	17.000	17.000
4,800.000	17.000	17.000	17.000	17.000	17.000
4,810.000	17.000	16.000	16.000	16.000	16.000
4,820.000	16.000	16.000	16.000	16.000	16.000
4,830.000	16.000	16.000	16.000	16.000	16.000
4,840.000	16.000	16.000	16.000	16.000	16.000
4,850.000	16.000	16.000	16.000	16.000	16.000
4,860.000	15.000	15.000	15.000	15.000	15.000
4,870.000	15.000	15.000	15.000	15.000	15.000
4,880.000	15.000	15.000	15.000	15.000	15.000
4,890.000	15.000	15.000	15.000	15.000	15.000
4,900.000	15.000	15.000	15.000	15.000	15.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
4,910.000	14.000	14.000	14.000	14.000	14.000
4,920.000	14.000	14.000	14.000	14.000	14.000
4,930.000	14.000	14.000	14.000	14.000	14.000
4,940.000	14.000	14.000	14.000	14.000	14.000
4,950.000	14.000	14.000	14.000	14.000	14.000
4,960.000	13.000	13.000	13.000	13.000	13.000
4,970.000	13.000	13.000	13.000	13.000	13.000
4,980.000	13.000	13.000	13.000	13.000	13.000
4,990.000	13.000	13.000	13.000	13.000	13.000
5,000.000	13.000	13.000	13.000	13.000	13.000
5,010.000	13.000	13.000	13.000	12.000	12.000
5,020.000	12.000	12.000	12.000	12.000	12.000
5,030.000	12.000	12.000	12.000	12.000	12.000
5,040.000	12.000	12.000	12.000	12.000	12.000
5,050.000	12.000	12.000	12.000	12.000	12.000
5,060.000	12.000	12.000	12.000	12.000	12.000
5,070.000	12.000	12.000	12.000	11.000	11.000
5,080.000	11.000	11.000	11.000	11.000	11.000
5,090.000	11.000	11.000	11.000	11.000	11.000
5,100.000	11.000	11.000	11.000	11.000	11.000
5,110.000	11.000	11.000	11.000	11.000	11.000
5,120.000	11.000	11.000	11.000	11.000	11.000
5,130.000	11.000	11.000	11.000	11.000	11.000
5,140.000	11.000	10.000	10.000	10.000	10.000
5,150.000	10.000	10.000	10.000	10.000	10.000
5,160.000	10.000	10.000	10.000	10.000	10.000
5,170.000	10.000	10.000	10.000	10.000	10.000
5,180.000	10.000	10.000	10.000	10.000	10.000
5,190.000	10.000	10.000	10.000	10.000	10.000
5,200.000	10.000	10.000	10.000	10.000	10.000
5,210.000	10.000	10.000	9.000	9.000	9.000
5,220.000	9.000	9.000	9.000	9.000	9.000
5,230.000	9.000	9.000	9.000	9.000	9.000
5,240.000	9.000	9.000	9.000	9.000	9.000
5,250.000	9.000	9.000	9.000	9.000	9.000
5,260.000	9.000	9.000	9.000	9.000	9.000
5,270.000	9.000	9.000	9.000	9.000	9.000
5,280.000	9.000	9.000	9.000	9.000	9.000
5,290.000	9.000	9.000	8.000	8.000	8.000
5,300.000	8.000	8.000	8.000	8.000	8.000
5,310.000	8.000	8.000	8.000	8.000	8.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume   Return Event: 100 years
Label: WQV5   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5,320.000	8.000	8.000	8.000	8.000	8.000
5,330.000	8.000	8.000	8.000	8.000	8.000
5,340.000	8.000	8.000	8.000	8.000	8.000
5,350.000	8.000	8.000	8.000	8.000	8.000
5,360.000	8.000	8.000	8.000	8.000	8.000
5,370.000	8.000	8.000	8.000	8.000	8.000
5,380.000	8.000	8.000	7.000	7.000	7.000
5,390.000	7.000	7.000	7.000	7.000	7.000
5,400.000	7.000	7.000	7.000	7.000	7.000
5,410.000	7.000	7.000	7.000	7.000	7.000
5,420.000	7.000	7.000	7.000	7.000	7.000
5,430.000	7.000	7.000	7.000	7.000	7.000
5,440.000	7.000	7.000	7.000	7.000	7.000
5,450.000	7.000	7.000	7.000	7.000	7.000
5,460.000	7.000	7.000	7.000	7.000	7.000
5,470.000	7.000	7.000	7.000	7.000	7.000
5,480.000	7.000	7.000	7.000	6.000	6.000
5,490.000	6.000	6.000	6.000	6.000	6.000
5,500.000	6.000	6.000	6.000	6.000	6.000
5,510.000	6.000	6.000	6.000	6.000	6.000
5,520.000	6.000	6.000	6.000	6.000	6.000
5,530.000	6.000	6.000	6.000	6.000	6.000
5,540.000	6.000	6.000	6.000	6.000	6.000
5,550.000	6.000	6.000	6.000	6.000	6.000
5,560.000	6.000	6.000	6.000	6.000	6.000
5,570.000	6.000	6.000	6.000	6.000	6.000
5,580.000	6.000	6.000	6.000	6.000	6.000
5,590.000	6.000	6.000	6.000	6.000	6.000
5,600.000	6.000	6.000	6.000	6.000	5.000
5,610.000	5.000	5.000	5.000	5.000	5.000
5,620.000	5.000	5.000	5.000	5.000	5.000
5,630.000	5.000	5.000	5.000	5.000	5.000
5,640.000	5.000	5.000	5.000	5.000	5.000
5,650.000	5.000	5.000	5.000	5.000	5.000
5,660.000	5.000	5.000	5.000	5.000	5.000
5,670.000	5.000	5.000	5.000	5.000	5.000
5,680.000	5.000	5.000	5.000	5.000	5.000
5,690.000	5.000	5.000	5.000	5.000	5.000
5,700.000	5.000	5.000	5.000	5.000	5.000
5,710.000	5.000	5.000	5.000	5.000	5.000
5,720.000	5.000	5.000	5.000	5.000	5.000

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70/71 Phase 6R Proposed

Subsection: Time vs. Volume

Label: WQV5

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Time vs. Volume (ft³)

Output Time increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5,730.000	5.000	5.000	5.000	5.000	5.000
5,740.000	5.000	5.000	5.000	5.000	5.000
5,750.000	5.000	4.000	4.000	4.000	4.000
5,760.000	4.000	(N/A)	(N/A)	(N/A)	(N/A)

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70/71 Phase 6R Proposed

Subsection: Elevation-Area Volume Curve

Label: WQV1

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
735.12	0.0	0.0007	0.0000	0.000	0.000
735.62	0.0	0.0007	0.0020	15.000	15.000
736.62	0.0	0.0007	0.0020	30.000	44.000
737.62	0.0	0.0017	0.0035	50.000	95.000
738.62	0.0	0.0017	0.0051	74.000	169.000

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Subsection: Volume Equations

Return Event: 100 years

Label: WQV1

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Pond Volume Equations
* Incremental volume computed by the Conic Method for Reservoir Volumes.

Volume = (1/3) * (EL2 - El1) * (Area1 + Area2 + sqr(Area1 * Area2))

where:
EL1, EL2	Lower and upper elevations of the increment	
Area1, Area2	Areas computed for EL1, EL2, respectively	
Volume	Incremental volume between EL1 and EL2	

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Subsection: Elevation-Area Volume Curve

Label: WQV2

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
734.72	0.0	0.0007	0.0000	0.000	0.000
735.22	0.0	0.0007	0.0020	15.000	15.000
736.22	0.0	0.0007	0.0020	30.000	44.000
737.22	0.0	0.0017	0.0035	50.000	95.000
738.22	0.0	0.0017	0.0051	74.000	169.000

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Pond Volume Equations
* Incremental volume computed by the Conic Method for Reservoir Volumes.

Volume = (1/3) * (EL2 - El1) * (Area1 + Area2 + sqr(Area1 * Area2))

where:	EL1, EL2	Lower and upper elevations of the increment
	Area1, Area2	Areas computed for EL1, EL2, respectively
	Volume	Incremental volume between EL1 and EL2

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70/71 Phase 6R Proposed

Subsection: Elevation-Area Volume Curve

Return Event: 100 years

Label: WQV3

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
734.38	0.0	0.0007	0.0000	0.000	0.000
734.88	0.0	0.0007	0.0020	15.000	15.000
735.88	0.0	0.0007	0.0020	30.000	44.000
736.88	0.0	0.0017	0.0035	50.000	95.000
737.88	0.0	0.0017	0.0051	74.000	169.000

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Pond Volume Equations
* Incremental volume computed by the Conic Method for Reservoir Volumes.

Volume = (1/3) * (EL2 - El1) * (Area1 + Area2 + sqr(Area1 * Area2))

where: EL1, EL2   Lower and upper elevations of the increment

Area1, Area2   Areas computed for EL1, EL2, respectively

Volume   Incremental volume between EL1 and EL2

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Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
733.34	0.0	0.0010	0.0000	0.000	0.000
733.84	0.0	0.0010	0.0030	22.000	22.000
734.84	0.0	0.0010	0.0030	44.000	65.000
735.84	0.0	0.0025	0.0051	74.000	139.000
736.84	0.0	0.0025	0.0075	109.000	248.000

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Pond Volume Equations
* Incremental volume computed by the Conic Method for Reservoir Volumes.

Volume = (1/3) * (EL2 - El1) * (Area1 + Area2 + sqr(Area1 * Area2))

where: EL1, EL2   Lower and upper elevations of the increment
                Area1, Area2   Areas computed for EL1, EL2, respectively
                Volume   Incremental volume between EL1 and EL2

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70/71 Phase 6R Proposed

Subsection: Elevation-Area Volume Curve

Label: WQV5

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
734.12	0.0	0.0007	0.0000	0.000	0.000
734.62	0.0	0.0007	0.0020	15.000	15.000
735.62	0.0	0.0007	0.0020	30.000	44.000
736.62	0.0	0.0017	0.0035	50.000	95.000
737.62	0.0	0.0017	0.0051	74.000	169.000

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Pond Volume Equations
* Incremental volume computed by the Conic Method for Reservoir Volumes.

Volume = (1/3) * (EL2 - El1) * (Area1 + Area2 + sqr(Area1 * Area2))

where:	EL1, EL2	Lower and upper elevations of the increment
	Area1, Area2	Areas computed for EL1, EL2, respectively
	Volume	Incremental volume between EL1 and EL2

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70/71 Phase 6R Proposed

Subsection: Outlet Input Data

Label: WQV1 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Requested Pond Water Surface Elevations	
Minimum (Headwater)	735.12 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	738.62 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Stand Pipe	Riser - 1	Forward	Orifice - 1	738.50	738.62
Orifice-Circular	Orifice - 1	Forward	Culvert - 1	734.30	738.62
Culvert-Circular	Culvert - 1	Forward	TW	734.28	738.62
Tailwater Settings	Tailwater			(N/A)	(N/A)

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Structure ID: Orifice - 1	
Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	734.30 ft
Orifice Diameter	4.00 in
Orifice Coefficient	0.600

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Structure ID: Culvert - 1	
Structure Type: Culvert-Circular	
Number of Barrels	1
Diameter	6.00 in
Length	153.00 ft
Length (Computed Barrel)	153.00 ft
Slope (Computed)	0.001 ft/ft

Outlet Control Data	
Manning's n	0.013
Ke	0.200
Kb	0.079
Kr	0.200
Convergence Tolerance	0.00 ft

Inlet Control Data	
Equation Form	Form 1
K	0.0045
M	2.0000
C	0.0317
Y	0.6900
T1 ratio (HW/D)	1.094
T2 ratio (HW/D)	1.197
Slope Correction Factor	-0.500

Use unsubmerged inlet control 0 equation below T1
elevation.
Use submerged inlet control 0 equation above T2
elevation

In transition zone between unsubmerged and submerged
inlet control,
interpolate between flows at T1 & T2...

T1 Elevation	734.83 ft	T1 Flow	0.49 ft³/s
T2 Elevation	734.88 ft	T2 Flow	0.56 ft³/s

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70/71 Phase 6R Proposed

Structure ID: Riser - 1 Structure Type: Stand Pipe	
Number of Openings	1
Elevation	738.50 ft
Diameter	6.00 in
Orifice Area	0.2 ft²
Orifice Coefficient	0.600
Weir Length	1.57 ft
Weir Coefficient	3.00 (ft^0.5)/s
K Reverse	1.000
Manning's n	0.000
Kev, Charged Riser	0.000
Weir Submergence	False
Orifice H to crest	False

Structure ID: TW Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves

Label: WQV1 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Orifice - 1 (Orifice-Circular)

Upstream   ID = Riser - 1 (Stand Pipe)
Downstream ID = Culvert - 1 (Culvert-Circular)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
735.12	0.00	0.00	0.00	734.28	0.00	0.00	(N/A)	0.00
735.62	0.00	0.00	0.00	734.28	0.00	0.00	(N/A)	0.00
736.12	0.00	0.00	0.00	734.28	0.00	0.00	(N/A)	0.00
736.62	0.00	0.00	0.00	734.28	0.00	0.00	(N/A)	0.00
737.12	0.00	0.00	0.00	734.28	0.00	0.00	(N/A)	0.00
737.62	0.00	0.00	0.00	734.28	0.00	0.00	(N/A)	0.00
738.12	0.00	0.00	0.00	734.28	0.00	0.00	(N/A)	0.00
738.50	0.00	0.00	0.00	734.28	0.00	0.00	(N/A)	0.00
738.62	0.20	734.92	734.70	734.70	0.00	0.00	(N/A)	0.00

Message
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
H =.22

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves

Label: WQV1 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Culvert - 1 (Culvert-Circular)

Mannings open channel maximum capacity: 0.20 ft³/s
Upstream   ID = Orifice - 1 (Orifice-Circular)
Downstream ID = Tailwater (Pond Outfall)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
735.12	0.00	734.28	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
735.62	0.00	734.28	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.12	0.00	734.28	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.62	0.00	734.28	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
737.12	0.00	734.28	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
737.62	0.00	734.28	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
738.12	0.00	734.28	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
738.50	0.00	734.28	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
738.62	0.20	734.70	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00

Message
BACKWATER CONTROL.. Vh= .021ft hwDi= .397ft Lbw= 153.0ft Hev= .00ft

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves
Label: WQV1 Outlet
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Riser - 1 (Stand Pipe)

Upstream ID = (Pond Water Surface)
Downstream ID = Orifice - 1 (Orifice-Circular)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
735.12	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
735.62	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
736.12	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
736.62	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
737.12	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
737.62	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
738.12	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
738.50	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
738.62	0.20	738.62	Free Outfall	734.92	0.00	0.00	(N/A)	0.00

Message
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
Weir: H =0.12ft

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70/71 Phase 6R Proposed

Subsection: Composite Rating Curve

Label: WQV1 Outlet

Scenario: 24-hour, 100 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
735.12	0.00	(N/A)	0.00
735.62	0.00	(N/A)	0.00
736.12	0.00	(N/A)	0.00
736.62	0.00	(N/A)	0.00
737.12	0.00	(N/A)	0.00
737.62	0.00	(N/A)	0.00
738.12	0.00	(N/A)	0.00
738.50	0.00	(N/A)	0.00
738.62	0.20	(N/A)	0.00

Contributing Structures
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
Riser - 1,Orifice - 1,Culvert - 1

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70/71 Phase 6R Proposed

Subsection: Outlet Input Data

Label: WQV2 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Requested Pond Water Surface Elevations	
Minimum (Headwater)	737.22 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	738.22 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Stand Pipe	Riser - 1	Forward	Orifice - 1	738.10	738.22
Orifice-Circular	Orifice - 1	Forward	Culvert - 1	733.80	738.22
Culvert-Circular	Culvert - 1	Forward	TW	733.99	738.22
Tailwater Settings	Tailwater			(N/A)	(N/A)

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Structure ID: Riser - 1 Structure Type: Stand Pipe	
Number of Openings	1
Elevation	738.10 ft
Diameter	6.00 in
Orifice Area	0.2 ft²
Orifice Coefficient	0.600
Weir Length	1.57 ft
Weir Coefficient	3.00 (ft^0.5)/s
K Reverse	1.000
Manning's n	0.000
Kev, Charged Riser	0.000
Weir Submergence	False
Orifice H to crest	False

Structure ID: Orifice - 1 Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	733.80 ft
Orifice Diameter	1.00 in
Orifice Coefficient	0.600

Structure ID: Culvert - 1 Structure Type: Culvert-Circular	
Number of Barrels	1
Diameter	6.00 in
Length	127.00 ft
Length (Computed Barrel)	127.00 ft
Slope (Computed)	0.002 ft/ft

Outlet Control Data	
Manning's n	0.013
Ke	0.200
Kb	0.079
Kr	0.200
Convergence Tolerance	0.00 ft

Inlet Control Data	
Equation Form	Form 1
K	0.0045
M	2.0000
C	0.0317

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70/71 Phase 6R Proposed

Subsection: Outlet Input Data

Return Event: 100 years

Label: WQV2 Outlet

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Inlet Control Data	
Y	0.6900
T1 ratio (HW/D)	1.094
T2 ratio (HW/D)	1.196
Slope Correction Factor	-0.500

Use unsubmerged inlet control 0 equation below T1
elevation.
Use submerged inlet control 0 equation above T2
elevation

In transition zone between unsubmerged and submerged
inlet control,
interpolate between flows at T1 & T2...

T1 Elevation	734.54 ft	T1 Flow	0.49 ft³/s
T2 Elevation	734.59 ft	T2 Flow	0.56 ft³/s

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Structure ID: TW	
Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

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RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Riser - 1 (Stand Pipe)

Upstream   ID =   (Pond Water Surface)
Downstream ID = Orifice - 1 (Orifice-Circular)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
734.72	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
735.22	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
735.72	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
736.22	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
736.72	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
737.22	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
737.72	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
738.10	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
738.22	0.20	738.22	738.22	738.22	0.00	0.00	(N/A)	0.00

Message
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
FULLY CHARGED RISER: ADJUSTED TO WEIR: H =0.12ft

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves

Label: WQV2 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Orifice - 1 (Orifice-Circular)

Upstream ID = Riser - 1 (Stand Pipe)
Downstream ID = Culvert - 1 (Culvert-Circular)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
734.72	0.00	0.00	0.00	733.99	0.00	0.00	(N/A)	0.00
735.22	0.00	0.00	0.00	733.99	0.00	0.00	(N/A)	0.00
735.72	0.00	0.00	0.00	733.99	0.00	0.00	(N/A)	0.00
736.22	0.00	0.00	0.00	733.99	0.00	0.00	(N/A)	0.00
736.72	0.00	0.00	0.00	733.99	0.00	0.00	(N/A)	0.00
737.22	0.00	0.00	0.00	733.99	0.00	0.00	(N/A)	0.00
737.72	0.00	0.00	0.00	733.99	0.00	0.00	(N/A)	0.00
738.10	0.00	0.00	0.00	733.99	0.00	0.00	(N/A)	0.00
738.22	0.05	738.22	734.17	734.17	0.00	0.14	(N/A)	0.00

Message
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
H =4.05

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves
Label: WQV2 Outlet
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Culvert - 1 (Culvert-Circular)

Mannings open channel maximum capacity: 0.28 ft³/s
Upstream   ID = Orifice - 1 (Orifice-Circular)
Downstream ID = Tailwater (Pond Outfall)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
734.72	0.00	733.99	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
735.22	0.00	733.99	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
735.72	0.00	733.99	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.22	0.00	733.99	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.72	0.00	733.99	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
737.22	0.00	733.99	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
737.72	0.00	733.99	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
738.10	0.00	733.99	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
738.22	0.06	734.17	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00

Message
BACKWATER CONTROL.. Vh= .017ft hwDi= .159ft Lbw= 127.0ft Hev= .00ft

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70/71 Phase 6R Proposed

Subsection: Composite Rating Curve

Label: WQV2 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
734.72	0.00	(N/A)	0.00
735.22	0.00	(N/A)	0.00
735.72	0.00	(N/A)	0.00
736.22	0.00	(N/A)	0.00
736.72	0.00	(N/A)	0.00
737.22	0.00	(N/A)	0.00
737.72	0.00	(N/A)	0.00
738.10	0.00	(N/A)	0.00
738.22	0.05	(N/A)	0.00

Contributing Structures
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
Riser - 1,Orifice - 1,Culvert - 1

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70/71 Phase 6R Proposed

Subsection: Outlet Input Data

Label: WQV3 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Requested Pond Water Surface Elevations	
Minimum (Headwater)	736.88 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	737.88 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Stand Pipe	Riser - 1	Forward	Orifice - 1	737.76	737.88
Orifice-Circular	Orifice - 1	Forward	Culvert - 1	733.45	737.88
Culvert-Circular	Culvert - 1	Forward	TW	733.66	737.88
Tailwater Settings	Tailwater			(N/A)	(N/A)

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Structure ID: Riser - 1	
Structure Type: Stand Pipe	
Number of Openings	1
Elevation	737.76 ft
Diameter	6.00 in
Orifice Area	0.2 ft²
Orifice Coefficient	0.600
Weir Length	1.57 ft
Weir Coefficient	3.00 (ft^0.5)/s
K Reverse	1.000
Manning's n	0.000
Kev, Charged Riser	0.000
Weir Submergence	False
Orifice H to crest	False

Structure ID: Orifice - 1	
Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	733.45 ft
Orifice Diameter	4.00 in
Orifice Coefficient	0.600

Structure ID: Culvert - 1	
Structure Type: Culvert-Circular	
Number of Barrels	1
Diameter	6.00 in
Length	100.00 ft
Length (Computed Barrel)	100.00 ft
Slope (Computed)	0.003 ft/ft

Outlet Control Data	
Manning's n	0.013
Ke	0.200
Kb	0.079
Kr	0.200
Convergence Tolerance	0.00 ft

Inlet Control Data	
Equation Form	Form 1
K	0.0045
M	2.0000
C	0.0317

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Subsection: Outlet Input Data

Label: WQV3 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Inlet Control Data	
Y	0.6900
T1 ratio (HW/D)	1.093
T2 ratio (HW/D)	1.196
Slope Correction Factor	-0.500

Use unsubmerged inlet control 0 equation below T1
elevation.
Use submerged inlet control 0 equation above T2
elevation

In transition zone between unsubmerged and submerged
inlet control,
interpolate between flows at T1 & T2...

T1 Elevation	734.21 ft	T1 Flow	0.49 ft³/s
T2 Elevation	734.26 ft	T2 Flow	0.56 ft³/s

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Structure ID: TW	
Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves
Label: WQV3 Outlet
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Riser - 1 (Stand Pipe)

Upstream ID = (Pond Water Surface)
Downstream ID = Orifice - 1 (Orifice-Circular)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
734.38	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
734.88	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
735.38	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
735.88	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
736.38	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
736.88	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
737.38	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
737.76	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
737.88	0.20	737.88	Free Outfall	734.22	0.00	0.00	(N/A)	0.00

Message
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
Weir: H =0.12ft

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RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Orifice - 1 (Orifice-Circular)

Upstream   ID = Riser - 1 (Stand Pipe)
Downstream ID = Culvert - 1 (Culvert-Circular)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
734.38	0.00	0.00	0.00	733.66	0.00	0.00	(N/A)	0.00
734.88	0.00	0.00	0.00	733.66	0.00	0.00	(N/A)	0.00
735.38	0.00	0.00	0.00	733.66	0.00	0.00	(N/A)	0.00
735.88	0.00	0.00	0.00	733.66	0.00	0.00	(N/A)	0.00
736.38	0.00	0.00	0.00	733.66	0.00	0.00	(N/A)	0.00
736.88	0.00	0.00	0.00	733.66	0.00	0.00	(N/A)	0.00
737.38	0.00	0.00	0.00	733.66	0.00	0.00	(N/A)	0.00
737.76	0.00	0.00	0.00	733.66	0.00	0.00	(N/A)	0.00
737.88	0.20	734.22	734.00	734.00	0.00	0.00	(N/A)	0.00

Message
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
H =.22

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves

Label: WQV3 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Culvert - 1 (Culvert-Circular)

Mannings open channel maximum capacity: 0.32 ft³/s
Upstream ID = Orifice - 1 (Orifice-Circular)
Downstream ID = Tailwater (Pond Outfall)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
734.38	0.00	733.66	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
734.88	0.00	733.66	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
735.38	0.00	733.66	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
735.88	0.00	733.66	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.38	0.00	733.66	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.88	0.00	733.66	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
737.38	0.00	733.66	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
737.76	0.00	733.66	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
737.88	0.19	734.00	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00

Message
BACKWATER CONTROL.. Vh= .040ft hwDi= .295ft Lbw= 100.0ft Hev= .00ft

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70/71 Phase 6R Proposed

Subsection: Composite Rating Curve

Label: WQV3 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
734.38	0.00	(N/A)	0.00
734.88	0.00	(N/A)	0.00
735.38	0.00	(N/A)	0.00
735.88	0.00	(N/A)	0.00
736.38	0.00	(N/A)	0.00
736.88	0.00	(N/A)	0.00
737.38	0.00	(N/A)	0.00
737.76	0.00	(N/A)	0.00
737.88	0.19	(N/A)	0.00

Contributing Structures
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
Riser - 1,Orifice - 1,Culvert - 1

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70/71 Phase 6R Proposed

Requested Pond Water Surface Elevations	
Minimum (Headwater)	735.84 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	736.84 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Stand Pipe	Riser - 1	Forward	Orifice - 1	736.25	736.84
Orifice-Circular	Orifice - 1	Forward	Culvert - 1	732.36	736.84
Culvert-Circular	Culvert - 1	Forward	TW	732.38	736.84
Tailwater Settings	Tailwater			(N/A)	(N/A)

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70/71 Phase 6R Proposed

Structure ID: Riser - 1 Structure Type: Stand Pipe	
Number of Openings	1
Elevation	736.25 ft
Diameter	6.00 in
Orifice Area	0.2 ft²
Orifice Coefficient	0.600
Weir Length	1.57 ft
Weir Coefficient	3.00 (ft^0.5)/s
K Reverse	1.000
Manning's n	0.000
Kev, Charged Riser	0.000
Weir Submergence	False
Orifice H to crest	False

Structure ID: Orifice - 1 Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	732.36 ft
Orifice Diameter	4.00 in
Orifice Coefficient	0.600

Structure ID: Culvert - 1 Structure Type: Culvert-Circular	
Number of Barrels	1
Diameter	6.00 in
Length	36.00 ft
Length (Computed Barrel)	36.00 ft
Slope (Computed)	0.001 ft/ft

Outlet Control Data	
Manning's n	0.013
Ke	0.200
Kb	0.079
Kr	0.200
Convergence Tolerance	0.00 ft

Inlet Control Data	
Equation Form	Form 1
K	0.0045
M	2.0000
C	0.0317

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Inlet Control Data	
Y	0.6900
T1 ratio (HW/D)	1.094
T2 ratio (HW/D)	1.197
Slope Correction Factor	-0.500

Use unsubmerged inlet control 0 equation below T1
elevation.
Use submerged inlet control 0 equation above T2
elevation

In transition zone between unsubmerged and submerged
inlet control,
interpolate between flows at T1 & T2...

T1 Elevation	732.93 ft	T1 Flow	0.49 ft³/s
T2 Elevation	732.98 ft	T2 Flow	0.56 ft³/s

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Structure ID: TW	
Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves
Label: WQV4 Outlet
Scenario: 24-hour, 100 yrs

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Riser - 1 (Stand Pipe)

Upstream   ID =   (Pond Water Surface)
Downstream ID = Orifice - 1 (Orifice-Circular)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
733.34	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
733.84	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
734.34	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
734.84	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
735.34	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
735.84	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
736.25	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
736.34	0.13	736.34	Free Outfall	732.77	0.00	0.00	(N/A)	0.00
736.84	0.73	736.84	736.65	736.65	0.00	0.00	(N/A)	0.00

Message
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
Weir: H =0.09ft
FULLY CHARGED RISER: Orifice Equation Control to Crest; H=.59

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves

Label: WQV4 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Orifice - 1 (Orifice-Circular)

Upstream   ID = Riser - 1 (Stand Pipe)
Downstream ID = Culvert - 1 (Culvert-Circular)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
733.34	0.00	0.00	0.00	732.38	0.00	0.00	(N/A)	0.00
733.84	0.00	0.00	0.00	732.38	0.00	0.00	(N/A)	0.00
734.34	0.00	0.00	0.00	732.38	0.00	0.00	(N/A)	0.00
734.84	0.00	0.00	0.00	732.38	0.00	0.00	(N/A)	0.00
735.34	0.00	0.00	0.00	732.38	0.00	0.00	(N/A)	0.00
735.84	0.00	0.00	0.00	732.38	0.00	0.00	(N/A)	0.00
736.25	0.00	0.00	0.00	732.38	0.00	0.00	(N/A)	0.00
736.34	0.13	732.77	732.68	732.68	0.00	0.00	(N/A)	0.00
736.84	0.73	736.65	733.66	733.66	0.00	0.00	(N/A)	0.00

Message
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
H =.09
H =2.98

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves

Label: WQV4 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = Culvert - 1 (Culvert-Circular)

Mannings open channel maximum capacity: 0.20 ft³/s

Upstream   ID = Orifice - 1 (Orifice-Circular)

Downstream ID = Tailwater (Pond Outfall)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
733.34	0.00	732.38	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
733.84	0.00	732.38	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
734.34	0.00	732.38	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
734.84	0.00	732.38	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
735.34	0.00	732.38	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
735.84	0.00	732.38	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.25	0.00	732.38	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.34	0.13	732.68	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.84	0.73	733.66	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00

Message
BACKWATER CONTROL.. Vh= .023ft hwDi= .270ft Lbw= 36.0ft Hev= .00ft FULL FLOW...Lfull=33.97ft Vh=.212ft HL=.822ft Hev= .00ft

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70/71 Phase 6R Proposed

Subsection: Composite Rating Curve

Label: WQV4 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
733.34	0.00	(N/A)	0.00
733.84	0.00	(N/A)	0.00
734.34	0.00	(N/A)	0.00
734.84	0.00	(N/A)	0.00
735.34	0.00	(N/A)	0.00
735.84	0.00	(N/A)	0.00
736.25	0.00	(N/A)	0.00
736.34	0.13	(N/A)	0.00
736.84	0.73	(N/A)	0.00

Contributing Structures
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
Riser - 1,Orifice - 1,Culvert - 1
Riser - 1,Orifice - 1,Culvert - 1

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70/71 Phase 6R Proposed

Subsection: Outlet Input Data

Label: WQV5 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Requested Pond Water Surface Elevations	
Minimum (Headwater)	736.62 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	737.62 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Stand Pipe	Riser - 1	Forward	Orifice - 1	737.00	737.62
Orifice-Circular	Orifice - 1	Forward	Culvert - 1	733.26	737.62
Culvert-Circular	Culvert - 1	Forward	TW	733.26	737.62
Tailwater Settings	Tailwater			(N/A)	(N/A)

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Structure ID: Riser - 1
Structure Type: Stand Pipe

Number of Openings	1
Elevation	737.00 ft
Diameter	6.00 in
Orifice Area	0.2 ft²
Orifice Coefficient	0.600
Weir Length	1.57 ft
Weir Coefficient	3.00 (ft^0.5)/s
K Reverse	1.000
Manning's n	0.000
Kev, Charged Riser	0.000
Weir Submergence	False
Orifice H to crest	False

Structure ID: Orifice - 1
Structure Type: Orifice-Circular

Number of Openings	1
Elevation	733.26 ft
Orifice Diameter	4.00 in
Orifice Coefficient	0.600

Structure ID: Culvert - 1
Structure Type: Culvert-Circular

Number of Barrels	1
Diameter	6.00 in
Length	125.00 ft
Length (Computed Barrel)	125.00 ft
Slope (Computed)	0.001 ft/ft

Outlet Control Data

Manning's n	0.013
Ke	0.200
Kb	0.079
Kr	0.200
Convergence Tolerance	0.00 ft

Inlet Control Data

Equation Form	Form 1
K	0.0045
M	2.0000
C	0.0317

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70/71 Phase 6R Proposed

Subsection: Outlet Input Data

Label: WQV5 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Inlet Control Data	
Y	0.6900
T1 ratio (HW/D)	1.094
T2 ratio (HW/D)	1.197
Slope Correction Factor	-0.500

Use unsubmerged inlet control 0 equation below T1
elevation.
Use submerged inlet control 0 equation above T2
elevation

In transition zone between unsubmerged and submerged
inlet control,
interpolate between flows at T1 & T2...

T1 Elevation	733.81 ft	T1 Flow	0.49 ft³/s
T2 Elevation	733.86 ft	T2 Flow	0.56 ft³/s

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70/71 Phase 6R Proposed

Subsection: Outlet Input Data

Return Event: 100 years

Label: WQV5 Outlet

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Structure ID: TW	
Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall
Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

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70/71 Phase 6R Proposed

Subsection: Individual Outlet Curves

Label: WQV5 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Riser - 1 (Stand Pipe)

Upstream   ID =   (Pond Water Surface)
Downstream ID = Orifice - 1 (Orifice-Circular)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
734.12	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
734.62	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
735.12	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
735.62	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
736.12	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
736.62	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
737.00	0.00	0.00	0.00	0.00	0.00	0.00	(N/A)	0.00
737.12	0.20	737.12	Free Outfall	733.89	0.00	0.00	(N/A)	0.00
737.62	0.74	737.62	737.62	737.62	0.00	0.00	(N/A)	0.00

Message
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
Weir: H =0.12ft
FULLY CHARGED RISER: Orifice Equation Control to Crest; H=.62

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Subsection: Individual Outlet Curves
Label: WQV5 Outlet
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Orifice - 1 (Orifice-Circular)

Upstream ID = Riser - 1 (Stand Pipe)
Downstream ID = Culvert - 1 (Culvert-Circular)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
734.12	0.00	0.00	0.00	733.26	0.00	0.00	(N/A)	0.00
734.62	0.00	0.00	0.00	733.26	0.00	0.00	(N/A)	0.00
735.12	0.00	0.00	0.00	733.26	0.00	0.00	(N/A)	0.00
735.62	0.00	0.00	0.00	733.26	0.00	0.00	(N/A)	0.00
736.12	0.00	0.00	0.00	733.26	0.00	0.00	(N/A)	0.00
736.62	0.00	0.00	0.00	733.26	0.00	0.00	(N/A)	0.00
737.00	0.00	0.00	0.00	733.26	0.00	0.00	(N/A)	0.00
737.12	0.20	733.89	733.67	733.67	0.00	0.00	(N/A)	0.00
737.62	0.63	737.62	735.35	735.35	0.00	0.11	(N/A)	0.00

Message
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
WS below an invert; no flow.
H =.22
H =2.27

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Subsection: Individual Outlet Curves

Label: WQV5 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

RATING TABLE FOR ONE OUTLET TYPE
Structure ID = Culvert - 1 (Culvert-Circular)

Mannings open channel maximum capacity: 0.20 ft³/s
Upstream ID = Orifice - 1 (Orifice-Circular)
Downstream ID = Tailwater (Pond Outfall)

Water Surface Elevation (ft)	Device Flow (ft³/s)	(into) Headwater Hydraulic Grade Line (ft)	Converge Downstream Hydraulic Grade Line (ft)	Next Downstream Hydraulic Grade Line (ft)	Downstream Hydraulic Grade Line Error (ft)	Convergence Error (ft³/s)	Downstream Channel Tailwater (ft)	Tailwater Error (ft)
734.12	0.00	733.26	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
734.62	0.00	733.26	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
735.12	0.00	733.26	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
735.62	0.00	733.26	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.12	0.00	733.26	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
736.62	0.00	733.26	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
737.00	0.00	733.26	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
737.12	0.20	733.67	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00
737.62	0.63	735.35	Free Outfall	Free Outfall	0.00	0.00	(N/A)	0.00

Message
BACKWATER CONTROL.. Vh= .023ft hwDi= .384ft Lbw= 125.0ft Hev= .00ft FULL FLOW...Lfull=120.94ft Vh=.161ft HL=1.731ft Hev= .00ft

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70/71 Phase 6R Proposed

Subsection: Composite Rating Curve

Label: WQV5 Outlet

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
734.12	0.00	(N/A)	0.00
734.62	0.00	(N/A)	0.00
735.12	0.00	(N/A)	0.00
735.62	0.00	(N/A)	0.00
736.12	0.00	(N/A)	0.00
736.62	0.00	(N/A)	0.00
737.00	0.00	(N/A)	0.00
737.12	0.20	(N/A)	0.00
737.62	0.63	(N/A)	0.00

Contributing Structures
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
(no Q: Riser - 1,Orifice - 1,Culvert - 1)
Riser - 1,Orifice - 1,Culvert - 1
Riser - 1,Orifice - 1,Culvert - 1

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70/71 Phase 6R Proposed

Subsection: Diverted Hydrograph

Label: Outlet-14

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.18 ft³/s
Time to Peak	720.000 min
Hydrograph Volume	324.301 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
712.000	0.00	0.15	0.16	0.18	0.18
722.000	0.17	0.16	0.13	0.10	0.07
732.000	0.06	0.04	0.04	0.03	0.03
742.000	0.03	0.02	0.02	0.02	0.02
752.000	0.02	0.02	0.02	0.01	0.01
762.000	0.01	0.01	0.01	0.01	0.01
772.000	0.01	0.01	0.01	0.01	0.01
782.000	0.01	0.01	0.01	0.01	0.01
792.000	0.01	0.01	0.01	0.01	0.01
802.000	0.01	0.01	0.01	0.01	0.01
812.000	0.01	0.01	0.01	0.01	0.01
822.000	0.01	0.01	0.01	0.01	0.01
832.000	0.01	0.01	0.01	0.01	0.01
842.000	0.01	0.01	0.01	0.01	0.01
852.000	0.01	0.01	0.01	0.01	0.01
862.000	0.01	0.01	0.01	0.00	0.00
872.000	0.00	0.00	0.00	0.00	0.00
882.000	0.00	0.00	0.00	0.00	0.00
892.000	0.00	0.00	0.00	0.00	0.00
902.000	0.00	0.00	0.00	0.00	0.00
912.000	0.00	0.00	0.00	0.00	0.00
922.000	0.00	0.00	0.00	0.00	0.00
932.000	0.00	0.00	0.00	0.00	0.00
942.000	0.00	0.00	0.00	0.00	0.00
952.000	0.00	0.00	0.00	0.00	0.00
962.000	0.00	0.00	0.00	0.00	0.00
972.000	0.00	0.00	0.00	0.00	0.00
982.000	0.00	0.00	0.00	0.00	0.00
992.000	0.00	0.00	0.00	0.00	0.00
1,002.000	0.00	0.00	0.00	0.00	0.00
1,012.000	0.00	0.00	0.00	0.00	0.00
1,022.000	0.00	0.00	0.00	0.00	0.00
1,032.000	0.00	0.00	0.00	0.00	0.00
1,042.000	0.00	0.00	0.00	0.00	0.00
1,052.000	0.00	0.00	0.00	0.00	0.00
1,062.000	0.00	0.00	0.00	0.00	0.00
1,072.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Diverted Hydrograph   Return Event: 100 years

Label: Outlet-14   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,082.000	0.00	0.00	0.00	0.00	0.00
1,092.000	0.00	0.00	0.00	0.00	0.00
1,102.000	0.00	0.00	0.00	0.00	0.00
1,112.000	0.00	0.00	0.00	0.00	0.00
1,122.000	0.00	0.00	0.00	0.00	0.00
1,132.000	0.00	0.00	0.00	0.00	0.00
1,142.000	0.00	0.00	0.00	0.00	0.00
1,152.000	0.00	0.00	0.00	0.00	0.00
1,162.000	0.00	0.00	0.00	0.00	0.00
1,172.000	0.00	0.00	0.00	0.00	0.00
1,182.000	0.00	0.00	0.00	0.00	0.00
1,192.000	0.00	0.00	0.00	0.00	0.00
1,202.000	0.00	0.00	0.00	0.00	0.00
1,212.000	0.00	0.00	0.00	0.00	0.00
1,222.000	0.00	0.00	0.00	0.00	0.00
1,232.000	0.00	0.00	0.00	0.00	0.00
1,242.000	0.00	0.00	0.00	0.00	0.00
1,252.000	0.00	0.00	0.00	0.00	0.00
1,262.000	0.00	0.00	0.00	0.00	0.00
1,272.000	0.00	0.00	0.00	0.00	0.00
1,282.000	0.00	0.00	0.00	0.00	0.00
1,292.000	0.00	0.00	0.00	0.00	0.00
1,302.000	0.00	0.00	0.00	0.00	0.00
1,312.000	0.00	0.00	0.00	0.00	0.00
1,322.000	0.00	0.00	0.00	0.00	0.00
1,332.000	0.00	0.00	0.00	0.00	0.00
1,342.000	0.00	0.00	0.00	0.00	0.00
1,352.000	0.00	0.00	0.00	0.00	0.00
1,362.000	0.00	0.00	0.00	0.00	0.00
1,372.000	0.00	0.00	0.00	0.00	0.00
1,382.000	0.00	0.00	0.00	0.00	0.00
1,392.000	0.00	0.00	0.00	0.00	0.00
1,402.000	0.00	0.00	0.00	0.00	0.00
1,412.000	0.00	0.00	(N/A)	(N/A)	(N/A)

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Subsection: Diverted Hydrograph
Label: Outlet-15
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.01 ft³/s
Time to Peak	740.000 min
Hydrograph Volume	46.815 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
734.000	0.00	0.01	0.01	0.01	0.01
744.000	0.01	0.01	0.01	0.01	0.01
754.000	0.01	0.01	0.01	0.01	0.01
764.000	0.01	0.01	0.01	0.01	0.01
774.000	0.01	0.01	0.00	0.00	0.00
784.000	0.00	0.00	0.00	0.00	0.00
794.000	0.00	0.00	0.00	0.00	0.00
804.000	0.00	0.00	0.00	0.00	0.00
814.000	0.00	0.00	0.00	0.00	0.00
824.000	0.00	0.00	0.00	0.00	0.00
834.000	0.00	0.00	0.00	0.00	0.00
844.000	0.00	0.00	0.00	0.00	0.00
854.000	0.00	0.00	0.00	0.00	0.00
864.000	0.00	0.00	0.00	0.00	0.00
874.000	0.00	0.00	0.00	0.00	0.00
884.000	0.00	0.00	0.00	0.00	0.00
894.000	0.00	0.00	0.00	0.00	0.00
904.000	0.00	0.00	0.00	0.00	0.00
914.000	0.00	0.00	0.00	0.00	0.00
924.000	0.00	0.00	0.00	0.00	0.00
934.000	0.00	0.00	0.00	0.00	0.00
944.000	0.00	0.00	0.00	0.00	0.00
954.000	0.00	0.00	0.00	0.00	0.00
964.000	0.00	0.00	0.00	(N/A)	(N/A)

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Subsection: Diverted Hydrograph
Label: Outlet-16
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.02 ft³/s
Time to Peak	734.000 min
Hydrograph Volume	52.906 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
730.000	0.00	0.01	0.02	0.02	0.02
740.000	0.01	0.01	0.01	0.01	0.01
750.000	0.01	0.01	0.01	0.01	0.01
760.000	0.01	0.01	0.01	0.01	0.01
770.000	0.01	0.01	0.01	0.01	0.00
780.000	0.00	0.00	0.00	0.00	0.00
790.000	0.00	0.00	0.00	0.00	0.00
800.000	0.00	0.00	0.00	0.00	0.00
810.000	0.00	0.00	0.00	0.00	0.00
820.000	0.00	0.00	0.00	0.00	0.00
830.000	0.00	0.00	0.00	0.00	0.00
840.000	0.00	0.00	0.00	0.00	0.00
850.000	0.00	0.00	0.00	0.00	0.00
860.000	0.00	0.00	0.00	0.00	0.00
870.000	0.00	0.00	0.00	0.00	0.00
880.000	0.00	0.00	0.00	0.00	0.00
890.000	0.00	0.00	0.00	0.00	0.00
900.000	0.00	0.00	0.00	0.00	0.00
910.000	0.00	0.00	0.00	0.00	0.00
920.000	0.00	0.00	0.00	0.00	0.00
930.000	0.00	0.00	0.00	0.00	0.00
940.000	0.00	0.00	0.00	0.00	0.00
950.000	0.00	0.00	0.00	0.00	0.00
960.000	0.00	0.00	0.00	0.00	0.00
970.000	0.00	0.00	(N/A)	(N/A)	(N/A)

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Subsection: Diverted Hydrograph

Label: Outlet-21

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.57 ft³/s
Time to Peak	720.000 min
Hydrograph Volume	1,477.794 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
570.000	0.00	0.01	0.01	0.01	0.01
580.000	0.01	0.01	0.01	0.02	0.02
590.000	0.02	0.02	0.02	0.02	0.02
600.000	0.02	0.02	0.02	0.02	0.02
610.000	0.02	0.02	0.02	0.02	0.02
620.000	0.02	0.02	0.02	0.02	0.02
630.000	0.02	0.02	0.02	0.02	0.02
640.000	0.02	0.03	0.03	0.03	0.03
650.000	0.03	0.03	0.03	0.03	0.03
660.000	0.03	0.03	0.03	0.03	0.03
670.000	0.04	0.04	0.04	0.04	0.04
680.000	0.04	0.04	0.05	0.05	0.05
690.000	0.05	0.05	0.06	0.07	0.09
700.000	0.11	0.13	0.16	0.20	0.24
710.000	0.29	0.34	0.42	0.49	0.55
720.000	0.57	0.55	0.51	0.43	0.34
730.000	0.26	0.19	0.15	0.13	0.11
740.000	0.09	0.08	0.08	0.07	0.07
750.000	0.06	0.06	0.05	0.05	0.05
760.000	0.05	0.04	0.04	0.04	0.04
770.000	0.04	0.04	0.04	0.04	0.04
780.000	0.03	0.03	0.03	0.03	0.03
790.000	0.03	0.03	0.03	0.03	0.03
800.000	0.03	0.03	0.03	0.03	0.03
810.000	0.03	0.02	0.02	0.02	0.02
820.000	0.02	0.02	0.02	0.02	0.02
830.000	0.02	0.02	0.02	0.02	0.02
840.000	0.02	0.02	0.02	0.02	0.02
850.000	0.02	0.02	0.02	0.02	0.02
860.000	0.02	0.02	0.02	0.02	0.02
870.000	0.02	0.02	0.02	0.02	0.02
880.000	0.02	0.02	0.02	0.02	0.02
890.000	0.02	0.02	0.02	0.02	0.01
900.000	0.01	0.01	0.01	0.01	0.01
910.000	0.01	0.01	0.01	0.01	0.01
920.000	0.01	0.01	0.01	0.01	0.01
930.000	0.01	0.01	0.01	0.01	0.01

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Subsection: Diverted Hydrograph

Label: Outlet-21

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
940.000	0.01	0.01	0.01	0.01	0.01
950.000	0.01	0.01	0.01	0.01	0.01
960.000	0.01	0.01	0.01	0.01	0.01
970.000	0.01	0.01	0.01	0.01	0.01
980.000	0.01	0.01	0.01	0.01	0.01
990.000	0.01	0.01	0.01	0.01	0.01
1,000.000	0.01	0.01	0.01	0.01	0.01
1,010.000	0.01	0.01	0.01	0.01	0.01
1,020.000	0.01	0.01	0.01	0.01	0.01
1,030.000	0.01	0.01	0.01	0.01	0.01
1,040.000	0.01	0.01	0.01	0.01	0.01
1,050.000	0.01	0.01	0.01	0.01	0.01
1,060.000	0.01	0.01	0.01	0.01	0.01
1,070.000	0.01	0.01	0.01	0.01	0.01
1,080.000	0.01	0.01	0.01	0.01	0.01
1,090.000	0.01	0.01	0.01	0.01	0.01
1,100.000	0.01	0.01	0.01	0.01	0.01
1,110.000	0.01	0.01	0.01	0.01	0.01
1,120.000	0.01	0.01	0.01	0.01	0.01
1,130.000	0.01	0.01	0.01	0.01	0.01
1,140.000	0.01	0.01	0.01	0.01	0.01
1,150.000	0.01	0.01	0.01	0.01	0.01
1,160.000	0.01	0.01	0.01	0.01	0.01
1,170.000	0.01	0.01	0.01	0.01	0.01
1,180.000	0.01	0.01	0.01	0.01	0.01
1,190.000	0.01	0.01	0.01	0.01	0.01
1,200.000	0.01	0.01	0.01	0.01	0.01
1,210.000	0.01	0.01	0.01	0.01	0.01
1,220.000	0.01	0.01	0.01	0.01	0.01
1,230.000	0.01	0.01	0.01	0.01	0.01
1,240.000	0.01	0.01	0.01	0.01	0.01
1,250.000	0.01	0.01	0.01	0.01	0.01
1,260.000	0.01	0.01	0.01	0.01	0.01
1,270.000	0.01	0.01	0.01	0.01	0.01
1,280.000	0.01	0.01	0.01	0.01	0.01
1,290.000	0.01	0.01	0.01	0.01	0.01
1,300.000	0.01	0.01	0.01	0.01	0.01
1,310.000	0.01	0.01	0.00	0.00	0.00
1,320.000	0.00	0.00	0.00	0.00	0.00
1,330.000	0.00	0.00	0.00	0.00	0.00
1,340.000	0.00	0.00	0.00	0.00	0.00
1,350.000	0.00	0.00	0.00	0.00	0.00

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Subsection: Diverted Hydrograph   Return Event: 100 years
Label: Outlet-21   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,360.000	0.00	0.00	0.00	0.00	0.00
1,370.000	0.00	0.00	0.00	0.00	0.00
1,380.000	0.00	0.00	0.00	0.00	0.00
1,390.000	0.00	0.00	0.00	0.00	0.00
1,400.000	0.00	0.00	0.00	0.00	0.00
1,410.000	0.00	0.00	0.00	0.00	0.00
1,420.000	0.00	0.00	0.00	0.00	0.00
1,430.000	0.00	0.00	0.00	0.00	0.00
1,440.000	0.00	0.00	0.00	0.00	0.00
1,450.000	0.00	(N/A)	(N/A)	(N/A)	(N/A)

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Subsection: Diverted Hydrograph

Label: Outlet-23

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.26 ft³/s
Time to Peak	720.000 min
Hydrograph Volume	608.059 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
670.000	0.00	0.01	0.02	0.02	0.02
680.000	0.02	0.02	0.02	0.02	0.02
690.000	0.02	0.02	0.03	0.03	0.04
700.000	0.05	0.06	0.08	0.10	0.12
710.000	0.14	0.17	0.20	0.23	0.25
720.000	0.26	0.25	0.23	0.20	0.14
730.000	0.10	0.08	0.06	0.05	0.05
740.000	0.04	0.04	0.03	0.03	0.03
750.000	0.03	0.03	0.02	0.02	0.02
760.000	0.02	0.02	0.02	0.02	0.02
770.000	0.02	0.02	0.02	0.02	0.02
780.000	0.02	0.02	0.01	0.01	0.01
790.000	0.01	0.01	0.01	0.01	0.01
800.000	0.01	0.01	0.01	0.01	0.01
810.000	0.01	0.01	0.01	0.01	0.01
820.000	0.01	0.01	0.01	0.01	0.01
830.000	0.01	0.01	0.01	0.01	0.01
840.000	0.01	0.01	0.01	0.01	0.01
850.000	0.01	0.01	0.01	0.01	0.01
860.000	0.01	0.01	0.01	0.01	0.01
870.000	0.01	0.01	0.01	0.01	0.01
880.000	0.01	0.01	0.01	0.01	0.01
890.000	0.01	0.01	0.01	0.01	0.01
900.000	0.01	0.01	0.01	0.01	0.01
910.000	0.01	0.01	0.01	0.01	0.01
920.000	0.01	0.01	0.01	0.01	0.01
930.000	0.01	0.01	0.01	0.01	0.01
940.000	0.01	0.01	0.01	0.01	0.01
950.000	0.01	0.01	0.01	0.01	0.00
960.000	0.00	0.00	0.00	0.00	0.00
970.000	0.00	0.00	0.00	0.00	0.00
980.000	0.00	0.00	0.00	0.00	0.00
990.000	0.00	0.00	0.00	0.00	0.00
1,000.000	0.00	0.00	0.00	0.00	0.00
1,010.000	0.00	0.00	0.00	0.00	0.00
1,020.000	0.00	0.00	0.00	0.00	0.00
1,030.000	0.00	0.00	0.00	0.00	0.00

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HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,040.000	0.00	0.00	0.00	0.00	0.00
1,050.000	0.00	0.00	0.00	0.00	0.00
1,060.000	0.00	0.00	0.00	0.00	0.00
1,070.000	0.00	0.00	0.00	0.00	0.00
1,080.000	0.00	0.00	0.00	0.00	0.00
1,090.000	0.00	0.00	0.00	0.00	0.00
1,100.000	0.00	0.00	0.00	0.00	0.00
1,110.000	0.00	0.00	0.00	0.00	0.00
1,120.000	0.00	0.00	0.00	0.00	0.00
1,130.000	0.00	0.00	0.00	0.00	0.00
1,140.000	0.00	0.00	0.00	0.00	0.00
1,150.000	0.00	0.00	0.00	0.00	0.00
1,160.000	0.00	0.00	0.00	0.00	0.00
1,170.000	0.00	0.00	0.00	0.00	0.00
1,180.000	0.00	0.00	0.00	0.00	0.00
1,190.000	0.00	0.00	0.00	0.00	0.00
1,200.000	0.00	0.00	0.00	0.00	0.00
1,210.000	0.00	0.00	0.00	0.00	0.00
1,220.000	0.00	0.00	0.00	0.00	0.00
1,230.000	0.00	0.00	0.00	0.00	0.00
1,240.000	0.00	0.00	0.00	0.00	0.00
1,250.000	0.00	0.00	0.00	0.00	0.00
1,260.000	0.00	0.00	0.00	0.00	0.00
1,270.000	0.00	0.00	0.00	0.00	0.00
1,280.000	0.00	0.00	0.00	0.00	0.00
1,290.000	0.00	0.00	0.00	0.00	0.00
1,300.000	0.00	0.00	0.00	0.00	0.00
1,310.000	0.00	0.00	0.00	0.00	0.00
1,320.000	0.00	0.00	0.00	0.00	0.00
1,330.000	0.00	0.00	0.00	0.00	0.00
1,340.000	0.00	0.00	0.00	0.00	0.00
1,350.000	0.00	0.00	0.00	0.00	0.00
1,360.000	0.00	0.00	0.00	0.00	0.00
1,370.000	0.00	0.00	0.00	0.00	0.00
1,380.000	0.00	0.00	0.00	0.00	0.00
1,390.000	0.00	0.00	0.00	0.00	0.00
1,400.000	0.00	0.00	0.00	0.00	0.00
1,410.000	0.00	0.00	0.00	0.00	0.00
1,420.000	0.00	0.00	0.00	0.00	0.00
1,430.000	0.00	0.00	0.00	0.00	0.00
1,440.000	0.00	0.00	0.00	0.00	(N/A)

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70/71 Phase 6R Proposed

Subsection: Elevation-Volume-Flow Table (Pond)

Label: WQV1

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Infiltration

Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	0.5000 in/h

Initial Conditions

Elevation (Water Surface, Initial)	735.12 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	2.000 min

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
735.12	0.00	0.000	0.0007	0.00	0.00	0.00
735.62	0.00	14.810	0.0007	0.00	0.00	0.25
736.12	0.00	29.621	0.0007	0.00	0.00	0.49
736.62	0.00	44.431	0.0007	0.00	0.00	0.74
737.12	0.00	63.962	0.0011	0.00	0.00	1.07
737.62	0.00	94.600	0.0017	0.00	0.00	1.58
738.12	0.00	131.626	0.0017	0.00	0.00	2.19
738.50	0.00	159.766	0.0017	0.00	0.00	2.66
738.62	0.20	168.652	0.0017	0.00	0.20	3.01

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Subsection: Pond Infiltration Calculations

Return Event: 100 years

Label: WQV1 (IN)

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Average Infiltration Rating Table

Elevation (Water Surface) (ft)	Area (Total) (ft²)	Flow (Infiltration) (ft³/s)
735.12	29.6	0.00
735.62	29.6	0.00
736.12	29.6	0.00
736.62	29.6	0.00
737.12	49.3	0.00
737.62	74.1	0.00
738.12	74.1	0.00
738.50	74.1	0.00
738.62	74.1	0.00

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Subsection: Level Pool Pond Routing Summary
Label: WQV1 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Infiltration

Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	0.5000 in/h

Initial Conditions

Elevation (Water Surface, Initial)	735.12 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	2.000 min

Inflow/Outflow Hydrograph Summary

Flow (Peak In)	0.18 ft³/s	Time to Peak (Flow, In)	718.000 min
Infiltration (Peak)	0.00 ft³/s	Time to Peak (Infiltration)	694.000 min
Flow (Peak Outlet)	0.18 ft³/s	Time to Peak (Flow, Outlet)	720.000 min

Elevation (Water Surface, Peak)	738.61 ft
Volume (Peak)	168.067 ft³

Mass Balance (ft³)

Volume (Initial)	0.000 ft³
Volume (Total Inflow)	534.000 ft³
Volume (Total Infiltration)	196.000 ft³
Volume (Total Outlet Outflow)	326.000 ft³
Volume (Retained)	12.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

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Subsection: Pond Infiltration Hydrograph

Label: WQV1 (INF)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.00 ft³/s
Time to Peak	2,038.000 min
Hydrograph Volume	0.000 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
0.000	0.00	0.00	(N/A)	(N/A)	(N/A)

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Subsection: Pond Routed Hydrograph (total out)
Label: WQV1 (OUT)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.18 ft³/s
Time to Peak	720.000 min
Hydrograph Volume	324.301 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
712.000	0.00	0.15	0.16	0.18	0.18
722.000	0.17	0.16	0.13	0.10	0.07
732.000	0.06	0.04	0.04	0.03	0.03
742.000	0.03	0.02	0.02	0.02	0.02
752.000	0.02	0.02	0.02	0.01	0.01
762.000	0.01	0.01	0.01	0.01	0.01
772.000	0.01	0.01	0.01	0.01	0.01
782.000	0.01	0.01	0.01	0.01	0.01
792.000	0.01	0.01	0.01	0.01	0.01
802.000	0.01	0.01	0.01	0.01	0.01
812.000	0.01	0.01	0.01	0.01	0.01
822.000	0.01	0.01	0.01	0.01	0.01
832.000	0.01	0.01	0.01	0.01	0.01
842.000	0.01	0.01	0.01	0.01	0.01
852.000	0.01	0.01	0.01	0.01	0.01
862.000	0.01	0.01	0.01	0.00	0.00
872.000	0.00	0.00	0.00	0.00	0.00
882.000	0.00	0.00	0.00	0.00	0.00
892.000	0.00	0.00	0.00	0.00	0.00
902.000	0.00	0.00	0.00	0.00	0.00
912.000	0.00	0.00	0.00	0.00	0.00
922.000	0.00	0.00	0.00	0.00	0.00
932.000	0.00	0.00	0.00	0.00	0.00
942.000	0.00	0.00	0.00	0.00	0.00
952.000	0.00	0.00	0.00	0.00	0.00
962.000	0.00	0.00	0.00	0.00	0.00
972.000	0.00	0.00	0.00	0.00	0.00
982.000	0.00	0.00	0.00	0.00	0.00
992.000	0.00	0.00	0.00	0.00	0.00
1,002.000	0.00	0.00	0.00	0.00	0.00
1,012.000	0.00	0.00	0.00	0.00	0.00
1,022.000	0.00	0.00	0.00	0.00	0.00
1,032.000	0.00	0.00	0.00	0.00	0.00
1,042.000	0.00	0.00	0.00	0.00	0.00
1,052.000	0.00	0.00	0.00	0.00	0.00
1,062.000	0.00	0.00	0.00	0.00	0.00
1,072.000	0.00	0.00	0.00	0.00	0.00

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Subsection: Pond Routed Hydrograph (total out) Return Event: 100 years
Label: WQV1 (OUT) Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,082.000	0.00	0.00	0.00	0.00	0.00
1,092.000	0.00	0.00	0.00	0.00	0.00
1,102.000	0.00	0.00	0.00	0.00	0.00
1,112.000	0.00	0.00	0.00	0.00	0.00
1,122.000	0.00	0.00	0.00	0.00	0.00
1,132.000	0.00	0.00	0.00	0.00	0.00
1,142.000	0.00	0.00	0.00	0.00	0.00
1,152.000	0.00	0.00	0.00	0.00	0.00
1,162.000	0.00	0.00	0.00	0.00	0.00
1,172.000	0.00	0.00	0.00	0.00	0.00
1,182.000	0.00	0.00	0.00	0.00	0.00
1,192.000	0.00	0.00	0.00	0.00	0.00
1,202.000	0.00	0.00	0.00	0.00	0.00
1,212.000	0.00	0.00	0.00	0.00	0.00
1,222.000	0.00	0.00	0.00	0.00	0.00
1,232.000	0.00	0.00	0.00	0.00	0.00
1,242.000	0.00	0.00	0.00	0.00	0.00
1,252.000	0.00	0.00	0.00	0.00	0.00
1,262.000	0.00	0.00	0.00	0.00	0.00
1,272.000	0.00	0.00	0.00	0.00	0.00
1,282.000	0.00	0.00	0.00	0.00	0.00
1,292.000	0.00	0.00	0.00	0.00	0.00
1,302.000	0.00	0.00	0.00	0.00	0.00
1,312.000	0.00	0.00	0.00	0.00	0.00
1,322.000	0.00	0.00	0.00	0.00	0.00
1,332.000	0.00	0.00	0.00	0.00	0.00
1,342.000	0.00	0.00	0.00	0.00	0.00
1,352.000	0.00	0.00	0.00	0.00	0.00
1,362.000	0.00	0.00	0.00	0.00	0.00
1,372.000	0.00	0.00	0.00	0.00	0.00
1,382.000	0.00	0.00	0.00	0.00	0.00
1,392.000	0.00	0.00	0.00	0.00	0.00
1,402.000	0.00	0.00	0.00	0.00	0.00
1,412.000	0.00	0.00	(N/A)	(N/A)	(N/A)

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Subsection: Pond Inflow Summary   Return Event: 100 years
Label: WQV1 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Summary for Hydrograph Addition at 'WQV1'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Basin 1

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (min)	Flow (Peak) (ft³/s)
Flow (From)	Basin 1	533.840	718.000	0.18
Flow (In)	WQV1	533.840	718.000	0.18

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Subsection: Elevation-Volume-Flow Table (Pond)

Label: WQV2

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Infiltration

Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	0.5000 in/h

Initial Conditions

Elevation (Water Surface, Initial)	734.72 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	2.000 min

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
734.72	0.00	0.000	0.0007	0.00	0.00	0.00
735.22	0.00	14.810	0.0007	0.00	0.00	0.25
735.72	0.00	29.621	0.0007	0.00	0.00	0.49
736.22	0.00	44.431	0.0007	0.00	0.00	0.74
736.72	0.00	63.962	0.0011	0.00	0.00	1.07
737.22	0.00	94.600	0.0017	0.00	0.00	1.58
737.72	0.00	131.626	0.0017	0.00	0.00	2.19
738.10	0.00	159.766	0.0017	0.00	0.00	2.66
738.22	0.05	168.652	0.0017	0.00	0.05	2.86

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Subsection: Pond Infiltration Calculations

Label: WQV2 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Average Infiltration Rating Table

Elevation (Water Surface) (ft)	Area (Total) (ft²)	Flow (Infiltration) (ft³/s)
734.72	29.6	0.00
735.22	29.6	0.00
735.72	29.6	0.00
736.22	29.6	0.00
736.72	49.3	0.00
737.22	74.1	0.00
737.72	74.1	0.00
738.10	74.1	0.00
738.22	74.1	0.00

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Subsection: Level Pool Pond Routing Summary
Label: WQV2 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Infiltration

Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	0.5000 in/h

Initial Conditions

Elevation (Water Surface, Initial)	734.72 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	2.000 min

Inflow/Outflow Hydrograph Summary

Flow (Peak In)	0.09 ft³/s	Time to Peak (Flow, In)	718.000 min
Infiltration (Peak)	0.00 ft³/s	Time to Peak (Infiltration)	716.000 min
Flow (Peak Outlet)	0.01 ft³/s	Time to Peak (Flow, Outlet)	740.000 min

Elevation (Water Surface, Peak)	738.13 ft
Volume (Peak)	161.966 ft³

Mass Balance (ft³)

Volume (Initial)	0.000 ft³
Volume (Total Inflow)	262.000 ft³
Volume (Total Infiltration)	193.000 ft³
Volume (Total Outlet Outflow)	57.000 ft³
Volume (Retained)	12.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

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Subsection: Pond Infiltration Hydrograph

Label: WQV2 (INF)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.00 ft³/s
Time to Peak	2,046.000 min
Hydrograph Volume	0.000 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
0.000	0.00	0.00	(N/A)	(N/A)	(N/A)

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Subsection: Pond Routed Hydrograph (total out)   Return Event: 100 years

Label: WQV2 (OUT)   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Peak Discharge	0.01 ft³/s
Time to Peak	740.000 min
Hydrograph Volume	46.815 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
734.000	0.00	0.01	0.01	0.01	0.01
744.000	0.01	0.01	0.01	0.01	0.01
754.000	0.01	0.01	0.01	0.01	0.01
764.000	0.01	0.01	0.01	0.01	0.01
774.000	0.01	0.01	0.00	0.00	0.00
784.000	0.00	0.00	0.00	0.00	0.00
794.000	0.00	0.00	0.00	0.00	0.00
804.000	0.00	0.00	0.00	0.00	0.00
814.000	0.00	0.00	0.00	0.00	0.00
824.000	0.00	0.00	0.00	0.00	0.00
834.000	0.00	0.00	0.00	0.00	0.00
844.000	0.00	0.00	0.00	0.00	0.00
854.000	0.00	0.00	0.00	0.00	0.00
864.000	0.00	0.00	0.00	0.00	0.00
874.000	0.00	0.00	0.00	0.00	0.00
884.000	0.00	0.00	0.00	0.00	0.00
894.000	0.00	0.00	0.00	0.00	0.00
904.000	0.00	0.00	0.00	0.00	0.00
914.000	0.00	0.00	0.00	0.00	0.00
924.000	0.00	0.00	0.00	0.00	0.00
934.000	0.00	0.00	0.00	0.00	0.00
944.000	0.00	0.00	0.00	0.00	0.00
954.000	0.00	0.00	0.00	0.00	0.00
964.000	0.00	0.00	0.00	(N/A)	(N/A)

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Subsection: Pond Inflow Summary   Return Event: 100 years

Label: WQV2 (IN)   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Summary for Hydrograph Addition at 'WQV2'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Basin 2

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (min)	Flow (Peak) (ft³/s)
Flow (From)	Basin 2	261.852	718.000	0.09
Flow (In)	WQV2	261.852	718.000	0.09

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Subsection: Elevation-Volume-Flow Table (Pond)
Label: WQV3
Scenario: 24-hour, 100 yrs

<div align="right">

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

</div>

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	0.5000 in/h

Initial Conditions	
Elevation (Water Surface, Initial)	734.38 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	2.000 min

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
734.38	0.00	0.000	0.0007	0.00	0.00	0.00
734.88	0.00	14.810	0.0007	0.00	0.00	0.25
735.38	0.00	29.621	0.0007	0.00	0.00	0.49
735.88	0.00	44.431	0.0007	0.00	0.00	0.74
736.38	0.00	63.962	0.0011	0.00	0.00	1.07
736.88	0.00	94.600	0.0017	0.00	0.00	1.58
737.38	0.00	131.626	0.0017	0.00	0.00	2.19
737.76	0.00	159.766	0.0017	0.00	0.00	2.66
737.88	0.19	168.652	0.0017	0.00	0.20	3.01

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Subsection: Pond Infiltration Calculations

Label: WQV3 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Average Infiltration Rating Table

Elevation (Water Surface) (ft)	Area (Total) (ft²)	Flow (Infiltration) (ft³/s)
734.38	29.6	0.00
734.88	29.6	0.00
735.38	29.6	0.00
735.88	29.6	0.00
736.38	49.3	0.00
736.88	74.1	0.00
737.38	74.1	0.00
737.76	74.1	0.00
737.88	74.1	0.00

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Subsection: Level Pool Pond Routing Summary   Return Event: 100 years
Label: WQV3 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	0.5000 in/h

Initial Conditions	
Elevation (Water Surface, Initial)	734.38 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	2.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	0.09 ft³/s	Time to Peak (Flow, In)	718.000 min
Infiltration (Peak)	0.00 ft³/s	Time to Peak (Infiltration)	716.000 min
Flow (Peak Outlet)	0.02 ft³/s	Time to Peak (Flow, Outlet)	734.000 min

Elevation (Water Surface, Peak)	737.77 ft
Volume (Peak)	160.823 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	269.000 ft³
Volume (Total Infiltration)	193.000 ft³
Volume (Total Outlet Outflow)	64.000 ft³
Volume (Retained)	12.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

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Subsection: Pond Infiltration Hydrograph

Label: WQV3 (INF)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.00 ft³/s
Time to Peak	2,046.000 min
Hydrograph Volume	0.000 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
0.000	0.00	0.00	(N/A)	(N/A)	(N/A)

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Subsection: Pond Routed Hydrograph (total out)　　　　　　　Return Event: 100 years

Label: WQV3 (OUT)　　　　　　　　　　　　　　　　Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Peak Discharge	0.02 ft³/s
Time to Peak	734.000 min
Hydrograph Volume	52.906 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
730.000	0.00	0.01	0.02	0.02	0.02
740.000	0.01	0.01	0.01	0.01	0.01
750.000	0.01	0.01	0.01	0.01	0.01
760.000	0.01	0.01	0.01	0.01	0.01
770.000	0.01	0.01	0.01	0.01	0.00
780.000	0.00	0.00	0.00	0.00	0.00
790.000	0.00	0.00	0.00	0.00	0.00
800.000	0.00	0.00	0.00	0.00	0.00
810.000	0.00	0.00	0.00	0.00	0.00
820.000	0.00	0.00	0.00	0.00	0.00
830.000	0.00	0.00	0.00	0.00	0.00
840.000	0.00	0.00	0.00	0.00	0.00
850.000	0.00	0.00	0.00	0.00	0.00
860.000	0.00	0.00	0.00	0.00	0.00
870.000	0.00	0.00	0.00	0.00	0.00
880.000	0.00	0.00	0.00	0.00	0.00
890.000	0.00	0.00	0.00	0.00	0.00
900.000	0.00	0.00	0.00	0.00	0.00
910.000	0.00	0.00	0.00	0.00	0.00
920.000	0.00	0.00	0.00	0.00	0.00
930.000	0.00	0.00	0.00	0.00	0.00
940.000	0.00	0.00	0.00	0.00	0.00
950.000	0.00	0.00	0.00	0.00	0.00
960.000	0.00	0.00	0.00	0.00	0.00
970.000	0.00	0.00	(N/A)	(N/A)	(N/A)

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Subsection: Pond Inflow Summary   Return Event: 100 years
Label: WQV3 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Summary for Hydrograph Addition at 'WQV3'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Basin 3

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (min)	Flow (Peak) (ft³/s)
Flow (From)	Basin 3	268.549	718.000	0.09
Flow (In)	WQV3	268.549	718.000	0.09

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Subsection: Elevation-Volume-Flow Table (Pond)   Return Event: 100 years
Label: WQV4   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	0.5000 in/h

Initial Conditions	
Elevation (Water Surface, Initial)	733.34 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	2.000 min

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
733.34	0.00	0.000	0.0010	0.00	0.00	0.00
733.84	0.00	21.780	0.0010	0.00	0.00	0.36
734.34	0.00	43.560	0.0010	0.00	0.00	0.73
734.84	0.00	65.340	0.0010	0.00	0.00	1.09
735.34	0.00	94.062	0.0017	0.00	0.00	1.57
735.84	0.00	139.118	0.0025	0.00	0.00	2.32
736.25	0.00	183.767	0.0025	0.00	0.00	3.06
736.34	0.13	193.568	0.0025	0.00	0.13	3.35
736.84	0.73	248.018	0.0025	0.00	0.73	4.86

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Subsection: Pond Infiltration Calculations

Label: WQV4 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Average Infiltration Rating Table

Elevation (Water Surface) (ft)	Area (Total) (ft²)	Flow (Infiltration) (ft³/s)
733.34	43.6	0.00
733.84	43.6	0.00
734.34	43.6	0.00
734.84	43.6	0.00
735.34	72.6	0.00
735.84	108.9	0.00
736.25	108.9	0.00
736.34	108.9	0.00
736.84	108.9	0.00

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Subsection: Level Pool Pond Routing Summary
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Infiltration

Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	0.5000 in/h

Initial Conditions

Elevation (Water Surface, Initial)	733.34 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	2.000 min

Inflow/Outflow Hydrograph Summary

Flow (Peak In)	0.58 ft³/s	Time to Peak (Flow, In)	718.000 min
Infiltration (Peak)	0.00 ft³/s	Time to Peak (Infiltration)	516.000 min
Flow (Peak Outlet)	0.57 ft³/s	Time to Peak (Flow, Outlet)	720.000 min

Elevation (Water Surface, Peak)	736.71 ft
Volume (Peak)	233.635 ft³

Mass Balance (ft³)

Volume (Initial)	0.000 ft³
Volume (Total Inflow)	1,746.000 ft³
Volume (Total Infiltration)	262.000 ft³
Volume (Total Outlet Outflow)	1,478.000 ft³
Volume (Retained)	7.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

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70/71 Phase 6R Proposed

Subsection: Pond Infiltration Hydrograph

Label: WQV4 (INF)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.00 ft³/s
Time to Peak	1,500.000 min
Hydrograph Volume	141.131 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
474.000	0.00	0.00	0.00	0.00	0.00
484.000	0.00	0.00	0.00	0.00	0.00
494.000	0.00	0.00	0.00	0.00	0.00
504.000	0.00	0.00	0.00	0.00	0.00
514.000	0.00	0.00	0.00	0.00	0.00
524.000	0.00	0.00	0.00	0.00	0.00
534.000	0.00	0.00	0.00	0.00	0.00
544.000	0.00	0.00	0.00	0.00	0.00
554.000	0.00	0.00	0.00	0.00	0.00
564.000	0.00	0.00	0.00	0.00	0.00
574.000	0.00	0.00	0.00	0.00	0.00
584.000	0.00	0.00	0.00	0.00	0.00
594.000	0.00	0.00	0.00	0.00	0.00
604.000	0.00	0.00	0.00	0.00	0.00
614.000	0.00	0.00	0.00	0.00	0.00
624.000	0.00	0.00	0.00	0.00	0.00
634.000	0.00	0.00	0.00	0.00	0.00
644.000	0.00	0.00	0.00	0.00	0.00
654.000	0.00	0.00	0.00	0.00	0.00
664.000	0.00	0.00	0.00	0.00	0.00
674.000	0.00	0.00	0.00	0.00	0.00
684.000	0.00	0.00	0.00	0.00	0.00
694.000	0.00	0.00	0.00	0.00	0.00
704.000	0.00	0.00	0.00	0.00	0.00
714.000	0.00	0.00	0.00	0.00	0.00
724.000	0.00	0.00	0.00	0.00	0.00
734.000	0.00	0.00	0.00	0.00	0.00
744.000	0.00	0.00	0.00	0.00	0.00
754.000	0.00	0.00	0.00	0.00	0.00
764.000	0.00	0.00	0.00	0.00	0.00
774.000	0.00	0.00	0.00	0.00	0.00
784.000	0.00	0.00	0.00	0.00	0.00
794.000	0.00	0.00	0.00	0.00	0.00
804.000	0.00	0.00	0.00	0.00	0.00
814.000	0.00	0.00	0.00	0.00	0.00
824.000	0.00	0.00	0.00	0.00	0.00
834.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Pond Infiltration Hydrograph

Label: WQV4 (INF)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
844.000	0.00	0.00	0.00	0.00	0.00
854.000	0.00	0.00	0.00	0.00	0.00
864.000	0.00	0.00	0.00	0.00	0.00
874.000	0.00	0.00	0.00	0.00	0.00
884.000	0.00	0.00	0.00	0.00	0.00
894.000	0.00	0.00	0.00	0.00	0.00
904.000	0.00	0.00	0.00	0.00	0.00
914.000	0.00	0.00	0.00	0.00	0.00
924.000	0.00	0.00	0.00	0.00	0.00
934.000	0.00	0.00	0.00	0.00	0.00
944.000	0.00	0.00	0.00	0.00	0.00
954.000	0.00	0.00	0.00	0.00	0.00
964.000	0.00	0.00	0.00	0.00	0.00
974.000	0.00	0.00	0.00	0.00	0.00
984.000	0.00	0.00	0.00	0.00	0.00
994.000	0.00	0.00	0.00	0.00	0.00
1,004.000	0.00	0.00	0.00	0.00	0.00
1,014.000	0.00	0.00	0.00	0.00	0.00
1,024.000	0.00	0.00	0.00	0.00	0.00
1,034.000	0.00	0.00	0.00	0.00	0.00
1,044.000	0.00	0.00	0.00	0.00	0.00
1,054.000	0.00	0.00	0.00	0.00	0.00
1,064.000	0.00	0.00	0.00	0.00	0.00
1,074.000	0.00	0.00	0.00	0.00	0.00
1,084.000	0.00	0.00	0.00	0.00	0.00
1,094.000	0.00	0.00	0.00	0.00	0.00
1,104.000	0.00	0.00	0.00	0.00	0.00
1,114.000	0.00	0.00	0.00	0.00	0.00
1,124.000	0.00	0.00	0.00	0.00	0.00
1,134.000	0.00	0.00	0.00	0.00	0.00
1,144.000	0.00	0.00	0.00	0.00	0.00
1,154.000	0.00	0.00	0.00	0.00	0.00
1,164.000	0.00	0.00	0.00	0.00	0.00
1,174.000	0.00	0.00	0.00	0.00	0.00
1,184.000	0.00	0.00	0.00	0.00	0.00
1,194.000	0.00	0.00	0.00	0.00	0.00
1,204.000	0.00	0.00	0.00	0.00	0.00
1,214.000	0.00	0.00	0.00	0.00	0.00
1,224.000	0.00	0.00	0.00	0.00	0.00
1,234.000	0.00	0.00	0.00	0.00	0.00
1,244.000	0.00	0.00	0.00	0.00	0.00
1,254.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Pond Infiltration Hydrograph

Label: WQV4 (INF)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,264.000	0.00	0.00	0.00	0.00	0.00
1,274.000	0.00	0.00	0.00	0.00	0.00
1,284.000	0.00	0.00	0.00	0.00	0.00
1,294.000	0.00	0.00	0.00	0.00	0.00
1,304.000	0.00	0.00	0.00	0.00	0.00
1,314.000	0.00	0.00	0.00	0.00	0.00
1,324.000	0.00	0.00	0.00	0.00	0.00
1,334.000	0.00	0.00	0.00	0.00	0.00
1,344.000	0.00	0.00	0.00	0.00	0.00
1,354.000	0.00	0.00	0.00	0.00	0.00
1,364.000	0.00	0.00	0.00	0.00	0.00
1,374.000	0.00	0.00	0.00	0.00	0.00
1,384.000	0.00	0.00	0.00	0.00	0.00
1,394.000	0.00	0.00	0.00	0.00	0.00
1,404.000	0.00	0.00	0.00	0.00	0.00
1,414.000	0.00	0.00	0.00	0.00	0.00
1,424.000	0.00	0.00	0.00	0.00	0.00
1,434.000	0.00	0.00	0.00	0.00	0.00
1,444.000	0.00	0.00	0.00	0.00	0.00
1,454.000	0.00	0.00	0.00	0.00	0.00
1,464.000	0.00	0.00	0.00	0.00	0.00
1,474.000	0.00	0.00	0.00	0.00	0.00
1,484.000	0.00	0.00	0.00	0.00	0.00
1,494.000	0.00	0.00	0.00	0.00	0.00
1,504.000	0.00	0.00	0.00	0.00	0.00
1,514.000	0.00	0.00	0.00	0.00	0.00
1,524.000	0.00	0.00	0.00	0.00	0.00
1,534.000	0.00	0.00	0.00	0.00	0.00
1,544.000	0.00	0.00	0.00	0.00	0.00
1,554.000	0.00	0.00	0.00	0.00	0.00
1,564.000	0.00	0.00	0.00	0.00	0.00
1,574.000	0.00	0.00	0.00	0.00	0.00
1,584.000	0.00	0.00	0.00	0.00	0.00
1,594.000	0.00	0.00	0.00	0.00	0.00
1,604.000	0.00	0.00	0.00	0.00	0.00
1,614.000	0.00	0.00	0.00	0.00	0.00
1,624.000	0.00	0.00	0.00	0.00	0.00
1,634.000	0.00	0.00	0.00	0.00	0.00
1,644.000	0.00	0.00	0.00	0.00	0.00
1,654.000	0.00	0.00	0.00	0.00	0.00
1,664.000	0.00	0.00	0.00	0.00	0.00
1,674.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Pond Infiltration Hydrograph

Label: WQV4 (INF)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,684.000	0.00	0.00	0.00	0.00	0.00
1,694.000	0.00	0.00	0.00	0.00	0.00
1,704.000	0.00	0.00	0.00	0.00	0.00
1,714.000	0.00	0.00	0.00	0.00	0.00
1,724.000	0.00	0.00	0.00	0.00	0.00
1,734.000	0.00	0.00	0.00	0.00	0.00
1,744.000	0.00	0.00	0.00	0.00	0.00
1,754.000	0.00	0.00	0.00	0.00	0.00
1,764.000	0.00	0.00	0.00	0.00	0.00
1,774.000	0.00	0.00	0.00	0.00	0.00
1,784.000	0.00	0.00	0.00	0.00	0.00
1,794.000	0.00	0.00	0.00	0.00	0.00
1,804.000	0.00	0.00	0.00	0.00	0.00
1,814.000	0.00	0.00	0.00	0.00	0.00
1,824.000	0.00	0.00	0.00	0.00	0.00
1,834.000	0.00	0.00	0.00	0.00	0.00
1,844.000	0.00	0.00	0.00	0.00	0.00
1,854.000	0.00	0.00	0.00	0.00	0.00
1,864.000	0.00	0.00	0.00	0.00	0.00
1,874.000	0.00	0.00	0.00	0.00	0.00
1,884.000	0.00	0.00	0.00	0.00	0.00
1,894.000	0.00	0.00	0.00	0.00	0.00
1,904.000	0.00	0.00	0.00	0.00	0.00
1,914.000	0.00	0.00	0.00	0.00	0.00
1,924.000	0.00	0.00	0.00	0.00	0.00
1,934.000	0.00	0.00	0.00	0.00	0.00
1,944.000	0.00	0.00	0.00	0.00	0.00
1,954.000	0.00	0.00	0.00	0.00	0.00
1,964.000	0.00	0.00	0.00	0.00	0.00
1,974.000	0.00	0.00	0.00	0.00	0.00
1,984.000	0.00	0.00	0.00	0.00	0.00
1,994.000	0.00	0.00	0.00	0.00	0.00
2,004.000	0.00	0.00	0.00	0.00	0.00
2,014.000	0.00	0.00	0.00	0.00	0.00
2,024.000	0.00	0.00	0.00	0.00	0.00
2,034.000	0.00	0.00	0.00	0.00	0.00
2,044.000	0.00	0.00	0.00	0.00	0.00
2,054.000	0.00	0.00	0.00	0.00	0.00
2,064.000	0.00	0.00	0.00	0.00	0.00
2,074.000	0.00	0.00	0.00	0.00	0.00
2,084.000	0.00	0.00	0.00	0.00	0.00
2,094.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Pond Infiltration Hydrograph   Return Event: 100 years
Label: WQV4 (INF)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
2,104.000	0.00	0.00	0.00	0.00	0.00
2,114.000	0.00	0.00	0.00	0.00	0.00
2,124.000	0.00	0.00	0.00	0.00	0.00
2,134.000	0.00	0.00	0.00	0.00	0.00
2,144.000	0.00	0.00	0.00	0.00	0.00
2,154.000	0.00	0.00	0.00	0.00	0.00
2,164.000	0.00	0.00	0.00	0.00	0.00
2,174.000	0.00	0.00	0.00	0.00	0.00
2,184.000	0.00	0.00	0.00	0.00	0.00
2,194.000	0.00	0.00	0.00	0.00	0.00
2,204.000	0.00	0.00	0.00	0.00	0.00
2,214.000	0.00	0.00	0.00	0.00	0.00
2,224.000	0.00	0.00	0.00	0.00	0.00
2,234.000	0.00	0.00	0.00	0.00	0.00
2,244.000	0.00	0.00	0.00	0.00	0.00
2,254.000	0.00	0.00	0.00	0.00	0.00
2,264.000	0.00	0.00	0.00	0.00	0.00
2,274.000	0.00	0.00	0.00	0.00	0.00
2,284.000	0.00	0.00	0.00	0.00	0.00
2,294.000	0.00	0.00	0.00	0.00	0.00
2,304.000	0.00	0.00	0.00	0.00	0.00
2,314.000	0.00	0.00	0.00	0.00	0.00
2,324.000	0.00	0.00	0.00	0.00	0.00
2,334.000	0.00	0.00	0.00	0.00	0.00
2,344.000	0.00	0.00	0.00	0.00	0.00
2,354.000	0.00	0.00	0.00	0.00	0.00
2,364.000	0.00	0.00	0.00	0.00	0.00

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70/71 Phase 6R Proposed

Subsection: Pond Routed Hydrograph (total out)　　　　　Return Event: 100 years

Label: WQV4 (OUT)　　　　　Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Peak Discharge	0.57 ft³/s
Time to Peak	720.000 min
Hydrograph Volume	1,477.794 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
570.000	0.00	0.01	0.01	0.01	0.01
580.000	0.01	0.01	0.01	0.02	0.02
590.000	0.02	0.02	0.02	0.02	0.02
600.000	0.02	0.02	0.02	0.02	0.02
610.000	0.02	0.02	0.02	0.02	0.02
620.000	0.02	0.02	0.02	0.02	0.02
630.000	0.02	0.02	0.02	0.02	0.02
640.000	0.02	0.03	0.03	0.03	0.03
650.000	0.03	0.03	0.03	0.03	0.03
660.000	0.03	0.03	0.03	0.03	0.03
670.000	0.04	0.04	0.04	0.04	0.04
680.000	0.04	0.04	0.05	0.05	0.05
690.000	0.05	0.05	0.06	0.07	0.09
700.000	0.11	0.13	0.16	0.20	0.24
710.000	0.29	0.34	0.42	0.49	0.55
720.000	0.57	0.55	0.51	0.43	0.34
730.000	0.26	0.19	0.15	0.13	0.11
740.000	0.09	0.08	0.08	0.07	0.07
750.000	0.06	0.06	0.05	0.05	0.05
760.000	0.05	0.04	0.04	0.04	0.04
770.000	0.04	0.04	0.04	0.04	0.04
780.000	0.03	0.03	0.03	0.03	0.03
790.000	0.03	0.03	0.03	0.03	0.03
800.000	0.03	0.03	0.03	0.03	0.03
810.000	0.03	0.02	0.02	0.02	0.02
820.000	0.02	0.02	0.02	0.02	0.02
830.000	0.02	0.02	0.02	0.02	0.02
840.000	0.02	0.02	0.02	0.02	0.02
850.000	0.02	0.02	0.02	0.02	0.02
860.000	0.02	0.02	0.02	0.02	0.02
870.000	0.02	0.02	0.02	0.02	0.02
880.000	0.02	0.02	0.02	0.02	0.02
890.000	0.02	0.02	0.02	0.02	0.01
900.000	0.01	0.01	0.01	0.01	0.01
910.000	0.01	0.01	0.01	0.01	0.01
920.000	0.01	0.01	0.01	0.01	0.01
930.000	0.01	0.01	0.01	0.01	0.01

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70/71 Phase 6R Proposed

Subsection: Pond Routed Hydrograph (total out) Return Event: 100 years

Label: WQV4 (OUT) Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
940.000	0.01	0.01	0.01	0.01	0.01
950.000	0.01	0.01	0.01	0.01	0.01
960.000	0.01	0.01	0.01	0.01	0.01
970.000	0.01	0.01	0.01	0.01	0.01
980.000	0.01	0.01	0.01	0.01	0.01
990.000	0.01	0.01	0.01	0.01	0.01
1,000.000	0.01	0.01	0.01	0.01	0.01
1,010.000	0.01	0.01	0.01	0.01	0.01
1,020.000	0.01	0.01	0.01	0.01	0.01
1,030.000	0.01	0.01	0.01	0.01	0.01
1,040.000	0.01	0.01	0.01	0.01	0.01
1,050.000	0.01	0.01	0.01	0.01	0.01
1,060.000	0.01	0.01	0.01	0.01	0.01
1,070.000	0.01	0.01	0.01	0.01	0.01
1,080.000	0.01	0.01	0.01	0.01	0.01
1,090.000	0.01	0.01	0.01	0.01	0.01
1,100.000	0.01	0.01	0.01	0.01	0.01
1,110.000	0.01	0.01	0.01	0.01	0.01
1,120.000	0.01	0.01	0.01	0.01	0.01
1,130.000	0.01	0.01	0.01	0.01	0.01
1,140.000	0.01	0.01	0.01	0.01	0.01
1,150.000	0.01	0.01	0.01	0.01	0.01
1,160.000	0.01	0.01	0.01	0.01	0.01
1,170.000	0.01	0.01	0.01	0.01	0.01
1,180.000	0.01	0.01	0.01	0.01	0.01
1,190.000	0.01	0.01	0.01	0.01	0.01
1,200.000	0.01	0.01	0.01	0.01	0.01
1,210.000	0.01	0.01	0.01	0.01	0.01
1,220.000	0.01	0.01	0.01	0.01	0.01
1,230.000	0.01	0.01	0.01	0.01	0.01
1,240.000	0.01	0.01	0.01	0.01	0.01
1,250.000	0.01	0.01	0.01	0.01	0.01
1,260.000	0.01	0.01	0.01	0.01	0.01
1,270.000	0.01	0.01	0.01	0.01	0.01
1,280.000	0.01	0.01	0.01	0.01	0.01
1,290.000	0.01	0.01	0.01	0.01	0.01
1,300.000	0.01	0.01	0.01	0.01	0.01
1,310.000	0.01	0.01	0.00	0.00	0.00
1,320.000	0.00	0.00	0.00	0.00	0.00
1,330.000	0.00	0.00	0.00	0.00	0.00
1,340.000	0.00	0.00	0.00	0.00	0.00
1,350.000	0.00	0.00	0.00	0.00	0.00

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Subsection: Pond Routed Hydrograph (total out)   Return Event: 100 years

Label: WQV4 (OUT)   Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,360.000	0.00	0.00	0.00	0.00	0.00
1,370.000	0.00	0.00	0.00	0.00	0.00
1,380.000	0.00	0.00	0.00	0.00	0.00
1,390.000	0.00	0.00	0.00	0.00	0.00
1,400.000	0.00	0.00	0.00	0.00	0.00
1,410.000	0.00	0.00	0.00	0.00	0.00
1,420.000	0.00	0.00	0.00	0.00	0.00
1,430.000	0.00	0.00	0.00	0.00	0.00
1,440.000	0.00	0.00	0.00	0.00	0.00
1,450.000	0.00	(N/A)	(N/A)	(N/A)	(N/A)

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Subsection: Pond Inflow Summary
Label: WQV4 (IN)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Summary for Hydrograph Addition at 'WQV4'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Basin 4

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (min)	Flow (Peak) (ft³/s)
Flow (From)	Basin 4	1,746.320	718.000	0.58
Flow (In)	WQV4	1,746.320	718.000	0.58

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Subsection: Elevation-Volume-Flow Table (Pond)
Label: WQV5
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	0.5000 in/h

Initial Conditions	
Elevation (Water Surface, Initial)	734.12 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	2.000 min

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
734.12	0.00	0.000	0.0007	0.00	0.00	0.00
734.62	0.00	14.810	0.0007	0.00	0.00	0.25
735.12	0.00	29.621	0.0007	0.00	0.00	0.49
735.62	0.00	44.431	0.0007	0.00	0.00	0.74
736.12	0.00	63.962	0.0011	0.00	0.00	1.07
736.62	0.00	94.600	0.0017	0.00	0.00	1.58
737.00	0.00	122.740	0.0017	0.00	0.00	2.05
737.12	0.20	131.626	0.0017	0.00	0.20	2.39
737.62	0.63	168.652	0.0017	0.00	0.63	3.44

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Average Infiltration Rating Table

Elevation (Water Surface) (ft)	Area (Total) (ft²)	Flow (Infiltration) (ft³/s)
734.12	29.6	0.00
734.62	29.6	0.00
735.12	29.6	0.00
735.62	29.6	0.00
736.12	49.3	0.00
736.62	74.1	0.00
737.00	74.1	0.00
737.12	74.1	0.00
737.62	74.1	0.00

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Subsection: Level Pool Pond Routing Summary

Label: WQV5 (IN)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

Infiltration

Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	0.5000 in/h

Initial Conditions

Elevation (Water Surface, Initial)	734.12 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	2.000 min

Inflow/Outflow Hydrograph Summary

Flow (Peak In)	0.27 ft³/s	Time to Peak (Flow, In)	718.000 min
Infiltration (Peak)	0.00 ft³/s	Time to Peak (Infiltration)	634.000 min
Flow (Peak Outlet)	0.26 ft³/s	Time to Peak (Flow, Outlet)	720.000 min

Elevation (Water Surface, Peak)	737.20 ft
Volume (Peak)	137.251 ft³

Mass Balance (ft³)

Volume (Initial)	0.000 ft³
Volume (Total Inflow)	783.000 ft³
Volume (Total Infiltration)	170.000 ft³
Volume (Total Outlet Outflow)	608.000 ft³
Volume (Retained)	4.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

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Subsection: Pond Infiltration Hydrograph

Return Event: 100 years

Label: WQV5 (INF)

Storm Event: TypeII 24hr (5.6 in)

Scenario: 24-hour, 100 yrs

Peak Discharge	0.00 ft³/s
Time to Peak	1,512.000 min
Hydrograph Volume	0.000 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
0.000	0.00	0.00	(N/A)	(N/A)	(N/A)

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Subsection: Pond Routed Hydrograph (total out)
Label: WQV5 (OUT)
Scenario: 24-hour, 100 yrs

Return Event: 100 years
Storm Event: TypeII 24hr (5.6 in)

Peak Discharge	0.26 ft³/s
Time to Peak	720.000 min
Hydrograph Volume	608.059 ft³

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
670.000	0.00	0.01	0.02	0.02	0.02
680.000	0.02	0.02	0.02	0.02	0.02
690.000	0.02	0.02	0.03	0.03	0.04
700.000	0.05	0.06	0.08	0.10	0.12
710.000	0.14	0.17	0.20	0.23	0.25
720.000	0.26	0.25	0.23	0.20	0.14
730.000	0.10	0.08	0.06	0.05	0.05
740.000	0.04	0.04	0.03	0.03	0.03
750.000	0.03	0.03	0.02	0.02	0.02
760.000	0.02	0.02	0.02	0.02	0.02
770.000	0.02	0.02	0.02	0.02	0.02
780.000	0.02	0.02	0.01	0.01	0.01
790.000	0.01	0.01	0.01	0.01	0.01
800.000	0.01	0.01	0.01	0.01	0.01
810.000	0.01	0.01	0.01	0.01	0.01
820.000	0.01	0.01	0.01	0.01	0.01
830.000	0.01	0.01	0.01	0.01	0.01
840.000	0.01	0.01	0.01	0.01	0.01
850.000	0.01	0.01	0.01	0.01	0.01
860.000	0.01	0.01	0.01	0.01	0.01
870.000	0.01	0.01	0.01	0.01	0.01
880.000	0.01	0.01	0.01	0.01	0.01
890.000	0.01	0.01	0.01	0.01	0.01
900.000	0.01	0.01	0.01	0.01	0.01
910.000	0.01	0.01	0.01	0.01	0.01
920.000	0.01	0.01	0.01	0.01	0.01
930.000	0.01	0.01	0.01	0.01	0.01
940.000	0.01	0.01	0.01	0.01	0.01
950.000	0.01	0.01	0.01	0.01	0.00
960.000	0.00	0.00	0.00	0.00	0.00
970.000	0.00	0.00	0.00	0.00	0.00
980.000	0.00	0.00	0.00	0.00	0.00
990.000	0.00	0.00	0.00	0.00	0.00
1,000.000	0.00	0.00	0.00	0.00	0.00
1,010.000	0.00	0.00	0.00	0.00	0.00
1,020.000	0.00	0.00	0.00	0.00	0.00
1,030.000	0.00	0.00	0.00	0.00	0.00

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Subsection: Pond Routed Hydrograph (total out)

Label: WQV5 (OUT)

Scenario: 24-hour, 100 yrs

Return Event: 100 years

Storm Event: TypeII 24hr (5.6 in)

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 2.000 min
Time on left represents time for first value in each row.

Time (min)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)	Flow (ft³/s)
1,040.000	0.00	0.00	0.00	0.00	0.00
1,050.000	0.00	0.00	0.00	0.00	0.00
1,060.000	0.00	0.00	0.00	0.00	0.00
1,070.000	0.00	0.00	0.00	0.00	0.00
1,080.000	0.00	0.00	0.00	0.00	0.00
1,090.000	0.00	0.00	0.00	0.00	0.00
1,100.000	0.00	0.00	0.00	0.00	0.00
1,110.000	0.00	0.00	0.00	0.00	0.00
1,120.000	0.00	0.00	0.00	0.00	0.00
1,130.000	0.00	0.00	0.00	0.00	0.00
1,140.000	0.00	0.00	0.00	0.00	0.00
1,150.000	0.00	0.00	0.00	0.00	0.00
1,160.000	0.00	0.00	0.00	0.00	0.00
1,170.000	0.00	0.00	0.00	0.00	0.00
1,180.000	0.00	0.00	0.00	0.00	0.00
1,190.000	0.00	0.00	0.00	0.00	0.00
1,200.000	0.00	0.00	0.00	0.00	0.00
1,210.000	0.00	0.00	0.00	0.00	0.00
1,220.000	0.00	0.00	0.00	0.00	0.00
1,230.000	0.00	0.00	0.00	0.00	0.00
1,240.000	0.00	0.00	0.00	0.00	0.00
1,250.000	0.00	0.00	0.00	0.00	0.00
1,260.000	0.00	0.00	0.00	0.00	0.00
1,270.000	0.00	0.00	0.00	0.00	0.00
1,280.000	0.00	0.00	0.00	0.00	0.00
1,290.000	0.00	0.00	0.00	0.00	0.00
1,300.000	0.00	0.00	0.00	0.00	0.00
1,310.000	0.00	0.00	0.00	0.00	0.00
1,320.000	0.00	0.00	0.00	0.00	0.00
1,330.000	0.00	0.00	0.00	0.00	0.00
1,340.000	0.00	0.00	0.00	0.00	0.00
1,350.000	0.00	0.00	0.00	0.00	0.00
1,360.000	0.00	0.00	0.00	0.00	0.00
1,370.000	0.00	0.00	0.00	0.00	0.00
1,380.000	0.00	0.00	0.00	0.00	0.00
1,390.000	0.00	0.00	0.00	0.00	0.00
1,400.000	0.00	0.00	0.00	0.00	0.00
1,410.000	0.00	0.00	0.00	0.00	0.00
1,420.000	0.00	0.00	0.00	0.00	0.00
1,430.000	0.00	0.00	0.00	0.00	0.00
1,440.000	0.00	0.00	0.00	0.00	(N/A)

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Subsection: Pond Inflow Summary   Return Event: 100 years
Label: WQV5 (IN)   Storm Event: TypeII 24hr (5.6 in)
Scenario: 24-hour, 100 yrs

Summary for Hydrograph Addition at 'WQV5'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Basin 5

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (min)	Flow (Peak) (ft³/s)
Flow (From)	Basin 5	782.588	718.000	0.27
Flow (In)	WQV5	782.588	718.000	0.27

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