

# Pond Report

## Pond No. 2 - HIX Pond

### Pond Data

Contours -User-defined contour areas. Conic method used for volume calculation. Begining Elevation = 888.00 ft

### Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	888.00	149	0	0
1.00	889.00	1,340	645	645
2.00	890.00	2,077	1,695	2,340
3.00	891.00	2,585	2,326	4,666
4.00	892.00	3,058	2,818	7,484
5.00	893.00	3,478	3,265	10,750
6.00	894.00	3,649	3,563	14,312
7.00	895.00	4,080	3,862	18,175
8.00	896.00	5,015	4,539	22,714
9.00	897.00	5,015	5,014	27,728
10.00	898.00	5,015	5,015	32,743

### Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 24.00	0.00	4.00	0.00
Span (in)	= 24.00	0.00	4.00	0.00
No. Barrels	= 1	0	1	0
Invert El. (ft)	= 888.00	0.00	888.00	0.00
Length (ft)	= 361.00	0.00	0.00	0.00
Slope (%)	= 0.50	0.00	0.00	n/a
N-Value	= .013	.013	.015	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	No	Yes	No

### Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 8.00	30.00	0.00	0.00
Crest El. (ft)	= 895.00	896.10	0.00	0.00
Weir Coeff.	= 3.33	2.60	3.33	3.33
Weir Type	= 1	Broad	---	---
Multi-Stage	= Yes	No	No	No
Exfil.(in/hr)	= 0.000 (by Wet area)			
TW Elev. (ft)	= 0.00			

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

### Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	888.00	0.00	---	0.00	---	0.00	0.00	---	---	---	---	0.000
0.10	65	888.10	0.02 ic	---	0.02 ic	---	0.00	0.00	---	---	---	---	0.022
0.20	129	888.20	0.08 ic	---	0.08 ic	---	0.00	0.00	---	---	---	---	0.080
0.30	194	888.30	0.15 ic	---	0.15 ic	---	0.00	0.00	---	---	---	---	0.152
0.40	258	888.40	0.20 ic	---	0.20 ic	---	0.00	0.00	---	---	---	---	0.200
0.50	323	888.50	0.24 ic	---	0.23 ic	---	0.00	0.00	---	---	---	---	0.233
0.60	387	888.60	0.27 ic	---	0.27 ic	---	0.00	0.00	---	---	---	---	0.266
0.70	452	888.70	0.29 ic	---	0.29 ic	---	0.00	0.00	---	---	---	---	0.294
0.80	516	888.80	0.32 ic	---	0.32 ic	---	0.00	0.00	---	---	---	---	0.320
0.90	581	888.90	0.35 ic	---	0.34 ic	---	0.00	0.00	---	---	---	---	0.344
1.00	645	889.00	0.38 ic	---	0.37 ic	---	0.00	0.00	---	---	---	---	0.366
1.10	815	889.10	0.41 ic	---	0.39 ic	---	0.00	0.00	---	---	---	---	0.387
1.20	984	889.20	0.41 ic	---	0.41 ic	---	0.00	0.00	---	---	---	---	0.409
1.30	1,154	889.30	0.44 ic	---	0.43 ic	---	0.00	0.00	---	---	---	---	0.428
1.40	1,323	889.40	0.45 ic	---	0.45 ic	---	0.00	0.00	---	---	---	---	0.447
1.50	1,493	889.50	0.48 ic	---	0.47 ic	---	0.00	0.00	---	---	---	---	0.466
1.60	1,662	889.60	0.48 ic	---	0.48 ic	---	0.00	0.00	---	---	---	---	0.483
1.70	1,832	889.70	0.52 ic	---	0.50 ic	---	0.00	0.00	---	---	---	---	0.500
1.80	2,001	889.80	0.52 ic	---	0.52 ic	---	0.00	0.00	---	---	---	---	0.517
1.90	2,171	889.90	0.56 ic	---	0.53 ic	---	0.00	0.00	---	---	---	---	0.533
2.00	2,340	890.00	0.56 ic	---	0.55 ic	---	0.00	0.00	---	---	---	---	0.549
2.10	2,573	890.10	0.56 ic	---	0.56 ic	---	0.00	0.00	---	---	---	---	0.563
2.20	2,805	890.20	0.60 ic	---	0.58 ic	---	0.00	0.00	---	---	---	---	0.578
2.30	3,038	890.30	0.60 ic	---	0.59 ic	---	0.00	0.00	---	---	---	---	0.594
2.40	3,271	890.40	0.61 ic	---	0.61 ic	---	0.00	0.00	---	---	---	---	0.607
2.50	3,503	890.50	0.64 ic	---	0.62 ic	---	0.00	0.00	---	---	---	---	0.621
2.60	3,736	890.60	0.64 ic	---	0.63 ic	---	0.00	0.00	---	---	---	---	0.635
2.70	3,968	890.70	0.65 ic	---	0.65 ic	---	0.00	0.00	---	---	---	---	0.648
2.80	4,201	890.80	0.69 ic	---	0.66 ic	---	0.00	0.00	---	---	---	---	0.661
2.90	4,434	890.90	0.69 ic	---	0.67 ic	---	0.00	0.00	---	---	---	---	0.674
3.00	4,666	891.00	0.69 ic	---	0.69 ic	---	0.00	0.00	---	---	---	---	0.687
3.10	4,948	891.10	0.73 ic	---	0.70 ic	---	0.00	0.00	---	---	---	---	0.698

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HIX Pond

**Stage / Storage / Discharge Table**

Stage ft	Storage cuft	Elevation ft	Civ A cfs	Civ B cfs	Civ C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
3.20	5,230	891.20	0.73 ic	---	0.71 ic	---	0.00	0.00	---	---	---	---	0.711
3.30	5,512	891.30	0.73 ic	---	0.72 ic	---	0.00	0.00	---	---	---	---	0.723
3.40	5,793	891.40	0.73 ic	---	0.73 ic	---	0.00	0.00	---	---	---	---	0.735
3.50	6,075	891.50	0.75 ic	---	0.75 ic	---	0.00	0.00	---	---	---	---	0.746
3.60	6,357	891.60	0.78 ic	---	0.76 ic	---	0.00	0.00	---	---	---	---	0.757
3.70	6,639	891.70	0.78 ic	---	0.77 ic	---	0.00	0.00	---	---	---	---	0.769
3.80	6,921	891.80	0.78 ic	---	0.78 ic	---	0.00	0.00	---	---	---	---	0.780
3.90	7,202	891.90	0.79 ic	---	0.79 ic	---	0.00	0.00	---	---	---	---	0.791
4.00	7,484	892.00	0.84 ic	---	0.80 ic	---	0.00	0.00	---	---	---	---	0.801
4.10	7,811	892.10	0.84 ic	---	0.81 ic	---	0.00	0.00	---	---	---	---	0.812
4.20	8,137	892.20	0.84 ic	---	0.82 ic	---	0.00	0.00	---	---	---	---	0.823
4.30	8,464	892.30	0.84 ic	---	0.83 ic	---	0.00	0.00	---	---	---	---	0.834
4.40	8,790	892.40	0.84 ic	---	0.84 ic	---	0.00	0.00	---	---	---	---	0.843
4.50	9,117	892.50	0.89 ic	---	0.85 ic	---	0.00	0.00	---	---	---	---	0.853
4.60	9,443	892.60	0.89 ic	---	0.86 ic	---	0.00	0.00	---	---	---	---	0.864
4.70	9,770	892.70	0.89 ic	---	0.87 ic	---	0.00	0.00	---	---	---	---	0.874
4.80	10,097	892.80	0.89 ic	---	0.88 ic	---	0.00	0.00	---	---	---	---	0.884
4.90	10,423	892.90	0.89 ic	---	0.89 ic	---	0.00	0.00	---	---	---	---	0.893
5.00	10,750	893.00	0.90 ic	---	0.90 ic	---	0.00	0.00	---	---	---	---	0.902
5.10	11,106	893.10	0.95 ic	---	0.91 ic	---	0.00	0.00	---	---	---	---	0.912
5.20	11,462	893.20	0.95 ic	---	0.92 ic	---	0.00	0.00	---	---	---	---	0.922
5.30	11,818	893.30	0.95 ic	---	0.93 ic	---	0.00	0.00	---	---	---	---	0.931
5.40	12,175	893.40	0.95 ic	---	0.94 ic	---	0.00	0.00	---	---	---	---	0.941
5.50	12,531	893.50	0.95 ic	---	0.95 ic	---	0.00	0.00	---	---	---	---	0.950
5.60	12,887	893.60	0.96 ic	---	0.96 ic	---	0.00	0.00	---	---	---	---	0.958
5.70	13,244	893.70	1.01 ic	---	0.97 ic	---	0.00	0.00	---	---	---	---	0.967
5.80	13,600	893.80	1.01 ic	---	0.98 ic	---	0.00	0.00	---	---	---	---	0.976
5.90	13,956	893.90	1.01 ic	---	0.99 ic	---	0.00	0.00	---	---	---	---	0.985
6.00	14,312	894.00	1.01 ic	---	0.99 ic	---	0.00	0.00	---	---	---	---	0.994
6.10	14,699	894.10	1.01 ic	---	1.00 ic	---	0.00	0.00	---	---	---	---	1.003
6.20	15,085	894.20	1.01 ic	---	1.01 ic	---	0.00	0.00	---	---	---	---	1.011
6.30	15,471	894.30	1.02 ic	---	1.02 ic	---	0.00	0.00	---	---	---	---	1.020
6.40	15,857	894.40	1.07 ic	---	1.03 ic	---	0.00	0.00	---	---	---	---	1.028
6.50	16,243	894.50	1.07 ic	---	1.04 ic	---	0.00	0.00	---	---	---	---	1.037
6.60	16,630	894.60	1.07 ic	---	1.05 ic	---	0.00	0.00	---	---	---	---	1.045
6.70	17,016	894.70	1.07 ic	---	1.05 ic	---	0.00	0.00	---	---	---	---	1.053
6.80	17,402	894.80	1.07 ic	---	1.06 ic	---	0.00	0.00	---	---	---	---	1.062
6.90	17,788	894.90	1.07 ic	---	1.07 ic	---	0.00	0.00	---	---	---	---	1.070
7.00	18,175	895.00	1.08 ic	---	1.08 ic	---	0.00	0.00	---	---	---	---	1.078
7.10	18,628	895.10	1.92 ic	---	1.07 ic	---	0.84	0.00	---	---	---	---	1.916
7.20	19,082	895.20	3.52 ic	---	1.06 ic	---	2.38	0.00	---	---	---	---	3.446
7.30	19,536	895.30	5.46 ic	---	1.05 ic	---	4.38	0.00	---	---	---	---	5.430
7.40	19,990	895.40	7.80 ic	---	1.04 ic	---	6.74	0.00	---	---	---	---	7.780
7.50	20,444	895.50	10.45 ic	---	1.03 ic	---	9.42	0.00	---	---	---	---	10.45
7.60	20,898	895.60	13.39 ic	---	1.01 ic	---	12.38	0.00	---	---	---	---	13.39
7.70	21,352	895.70	16.53 oc	---	0.93 ic	---	15.60	0.00	---	---	---	---	16.53
7.80	21,806	895.80	19.89 oc	---	0.83 ic	---	19.06	0.00	---	---	---	---	19.89
7.90	22,260	895.90	23.41 oc	---	0.67 ic	---	22.74	0.00	---	---	---	---	23.41
8.00	22,714	896.00	27.01 oc	---	0.41 ic	---	26.60 s	0.00	---	---	---	---	27.01
8.10	23,215	896.10	27.82 oc	---	0.34 ic	---	27.48 s	0.00	---	---	---	---	27.82
8.20	23,716	896.20	28.30 oc	---	0.30 ic	---	28.00 s	2.47	---	---	---	---	30.77
8.30	24,218	896.30	28.69 oc	---	0.27 ic	---	28.42 s	6.97	---	---	---	---	35.66
8.40	24,719	896.40	29.01 oc	---	0.24 ic	---	28.77 s	12.81	---	---	---	---	41.82
8.50	25,221	896.50	29.29 oc	---	0.22 ic	---	29.07 s	19.73	---	---	---	---	49.02
8.60	25,722	896.60	29.55 oc	---	0.20 ic	---	29.35 s	27.57	---	---	---	---	57.12
8.70	26,224	896.70	29.79 oc	---	0.19 ic	---	29.61 s	36.24	---	---	---	---	66.03
8.80	26,725	896.80	30.02 oc	---	0.17 ic	---	29.85 s	45.66	---	---	---	---	75.68
8.90	27,227	896.90	30.24 oc	---	0.16 ic	---	30.07 s	55.79	---	---	---	---	86.02
9.00	27,728	897.00	30.45 oc	---	0.15 ic	---	30.29 s	66.60	---	---	---	---	97.04
9.10	28,229	897.10	30.65 oc	---	0.14 ic	---	30.50 s	78.00	---	---	---	---	108.64
9.20	28,731	897.20	30.84 oc	---	0.13 ic	---	30.71 s	89.98	---	---	---	---	120.82
9.30	29,232	897.30	31.03 oc	---	0.13 ic	---	30.90 s	102.53	---	---	---	---	133.56
9.40	29,734	897.40	31.22 oc	---	0.12 ic	---	31.09 s	115.60	---	---	---	---	146.81
9.50	30,235	897.50	31.41 oc	---	0.11 ic	---	31.28 s	129.19	---	---	---	---	160.59
9.60	30,737	897.60	31.59 oc	---	0.11 ic	---	31.47 s	143.28	---	---	---	---	174.85
9.70	31,238	897.70	31.76 oc	---	0.10 ic	---	31.65 s	157.84	---	---	---	---	189.59
9.80	31,740	897.80	31.94 oc	---	0.10 ic	---	31.83 s	172.86	---	---	---	---	204.79
9.90	32,241	897.90	32.12 oc	---	0.09 ic	---	32.00 s	188.34	---	---	---	---	220.43
10.00	32,743	898.00	32.29 oc	---	0.09 ic	---	32.19 s	204.28	---	---	---	---	236.56

...End

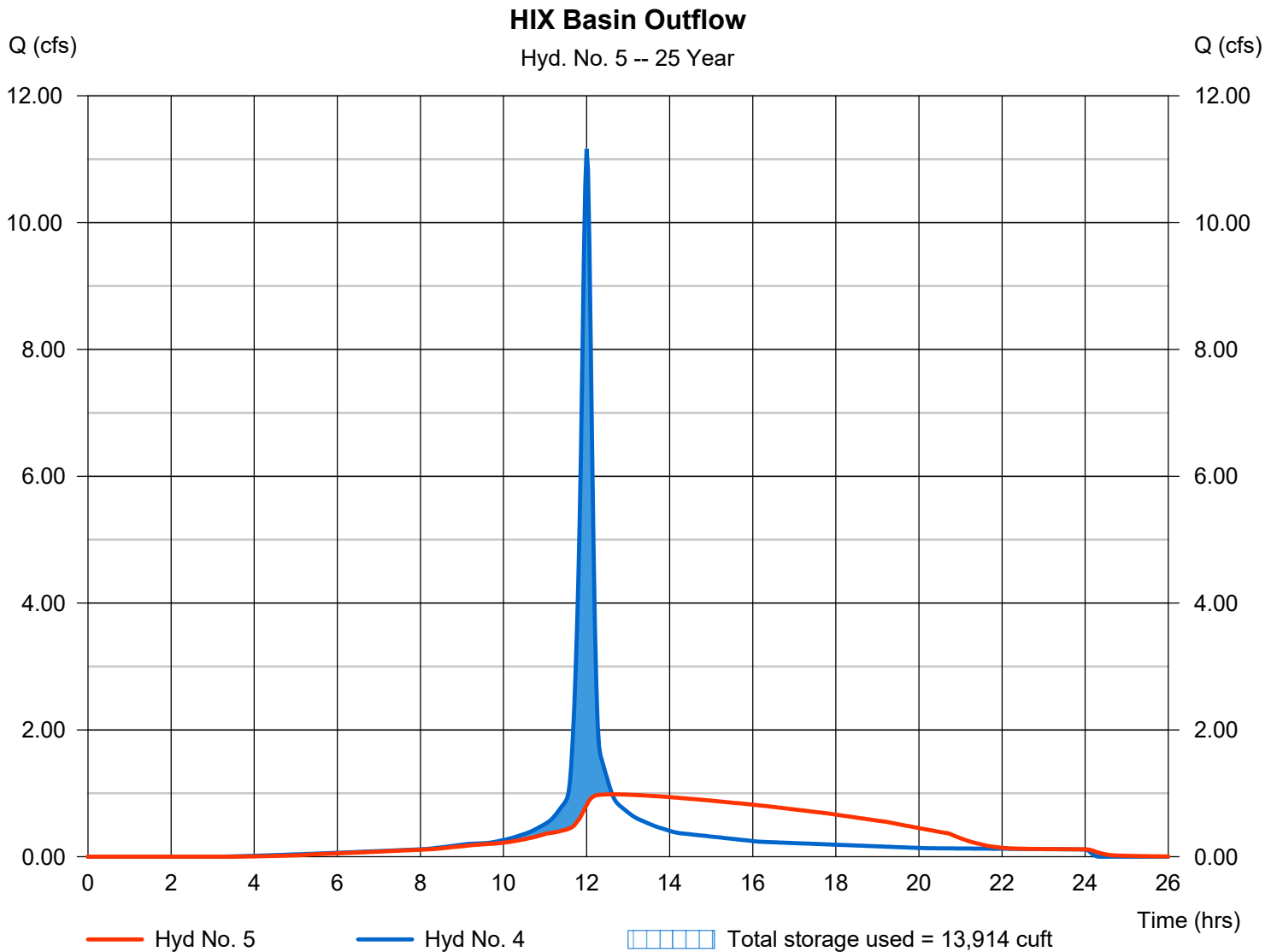
# Hydrograph Report

## Hyd. No. 5

### HIX Basin Outflow

Hydrograph type	= Reservoir	Peak discharge	= 0.984 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.63 hrs
Time interval	= 2 min	Hyd. volume	= 30,600 cuft
Inflow hyd. No.	= 4 - HIX Basin Inflow	Max. Elevation	= 893.89 ft
Reservoir name	= HIX Pond	Max. Storage	= 13,914 cuft

Storage Indication method used.

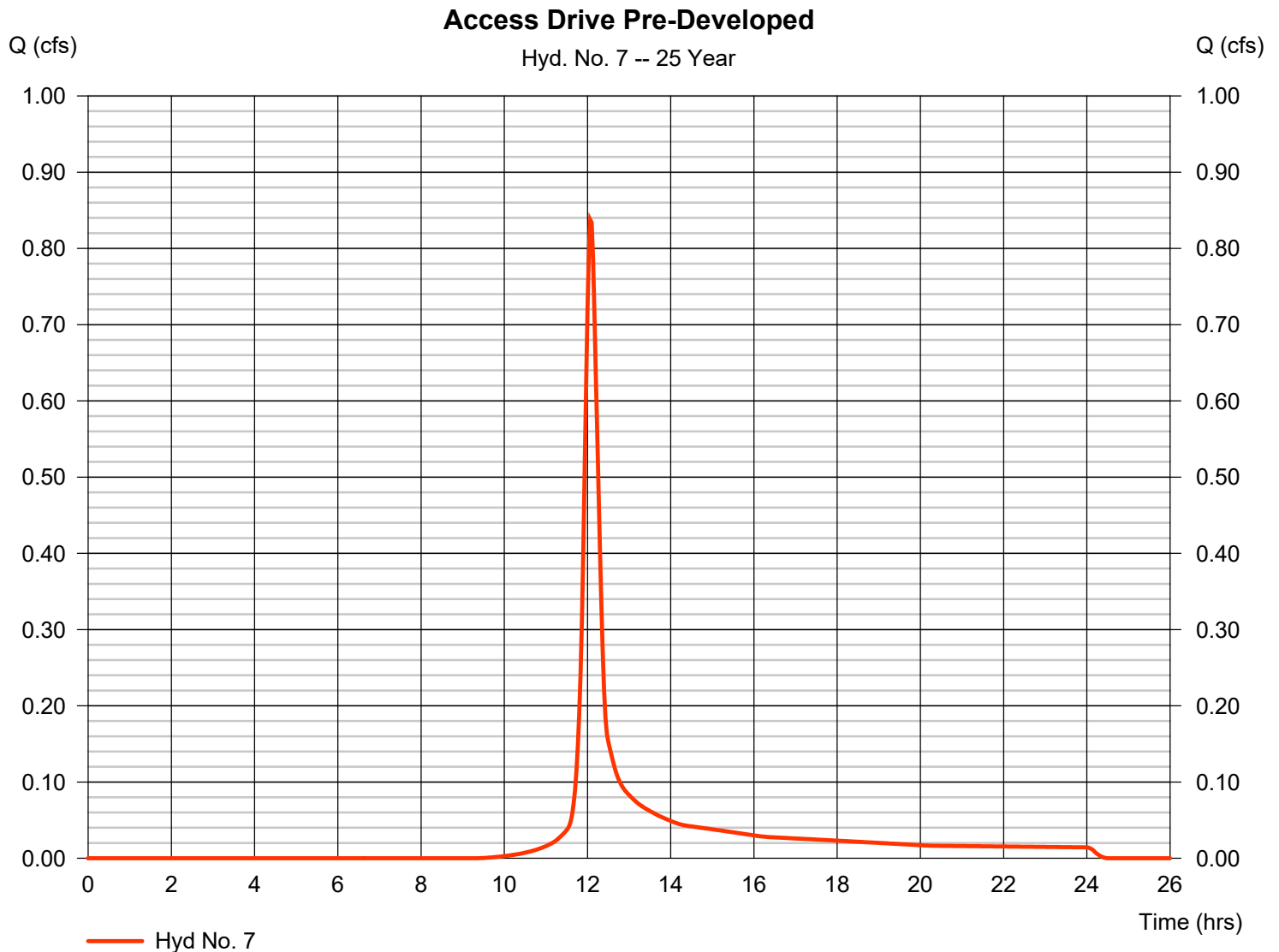


# Hydrograph Report

## Hyd. No. 7

Access Drive Pre-Developed

Hydrograph type	= SCS Runoff	Peak discharge	= 0.837 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 2,650 cuft
Drainage area	= 0.340 ac	Curve number	= 72.8
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 19.00 min
Total precip.	= 4.85 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

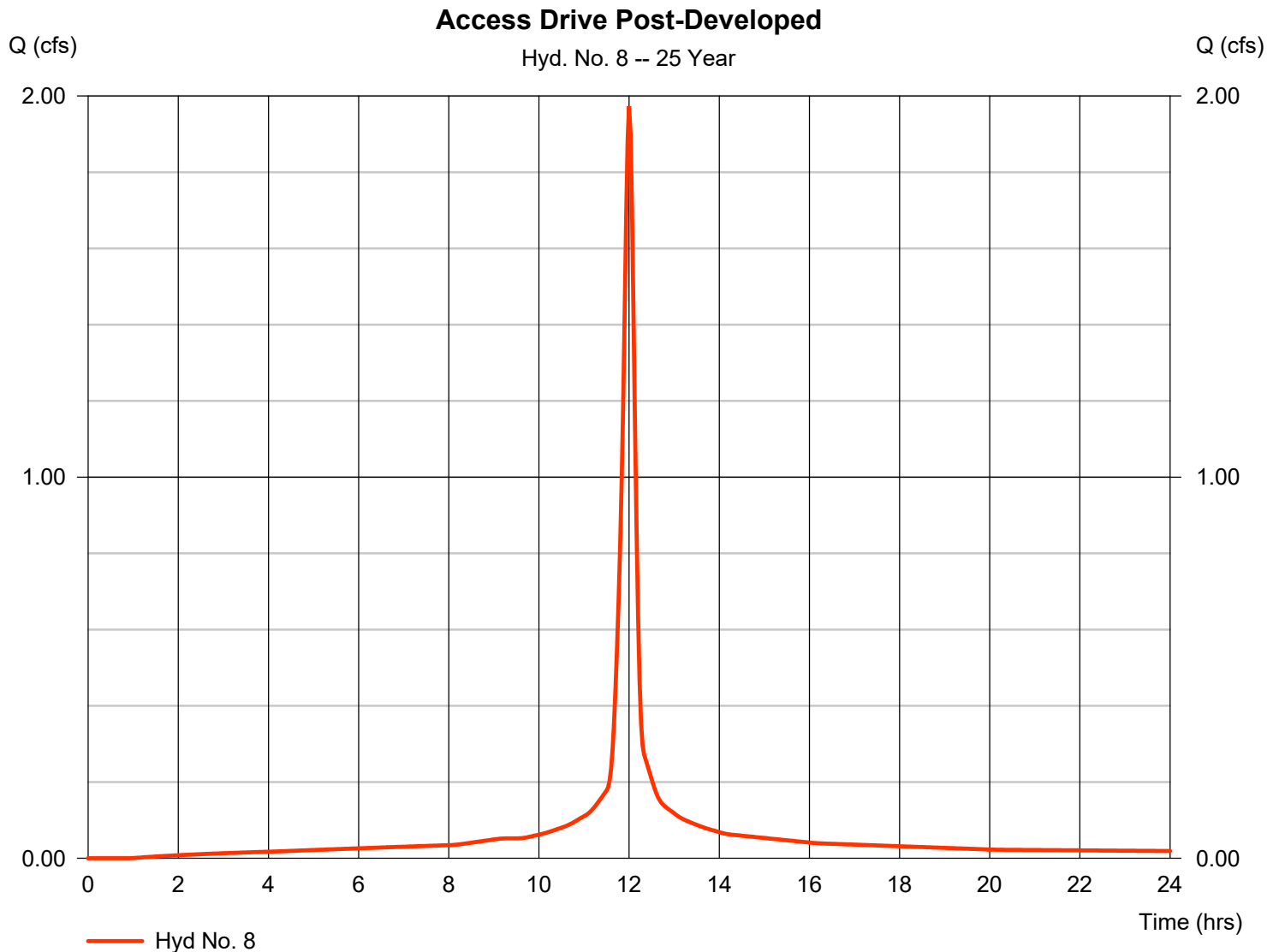


# Hydrograph Report

## Hyd. No. 8

Access Drive Post-Developed

Hydrograph type	= SCS Runoff	Peak discharge	= 1.973 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.00 hrs
Time interval	= 2 min	Hyd. volume	= 5,872 cuft
Drainage area	= 0.340 ac	Curve number	= 98
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 12.00 min
Total precip.	= 4.85 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

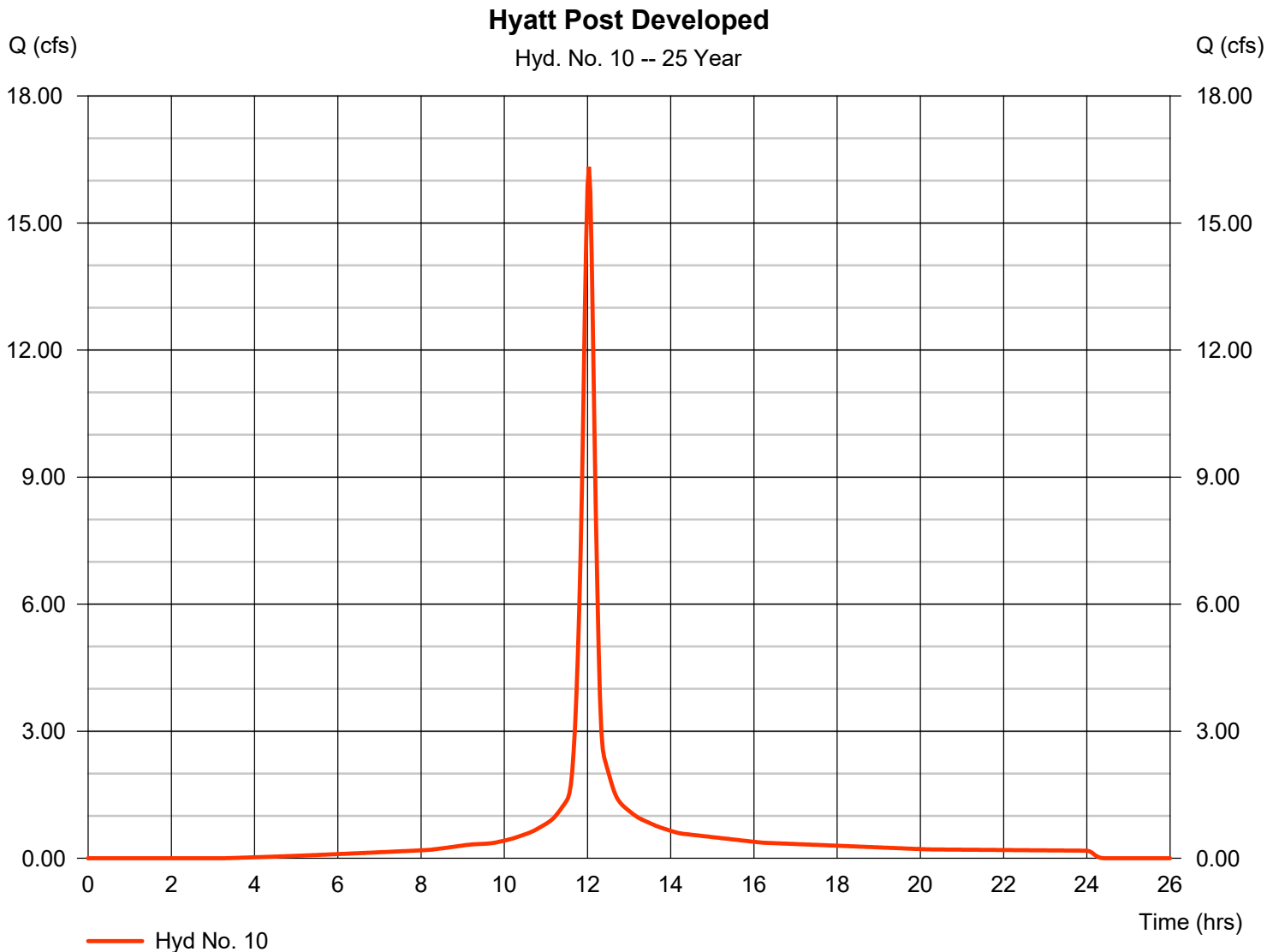


# Hydrograph Report

## Hyd. No. 10

Hyatt Post Developed

Hydrograph type	= SCS Runoff	Peak discharge	= 16.33 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 48,284 cuft
Drainage area	= 3.460 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 16.50 min
Total precip.	= 4.85 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

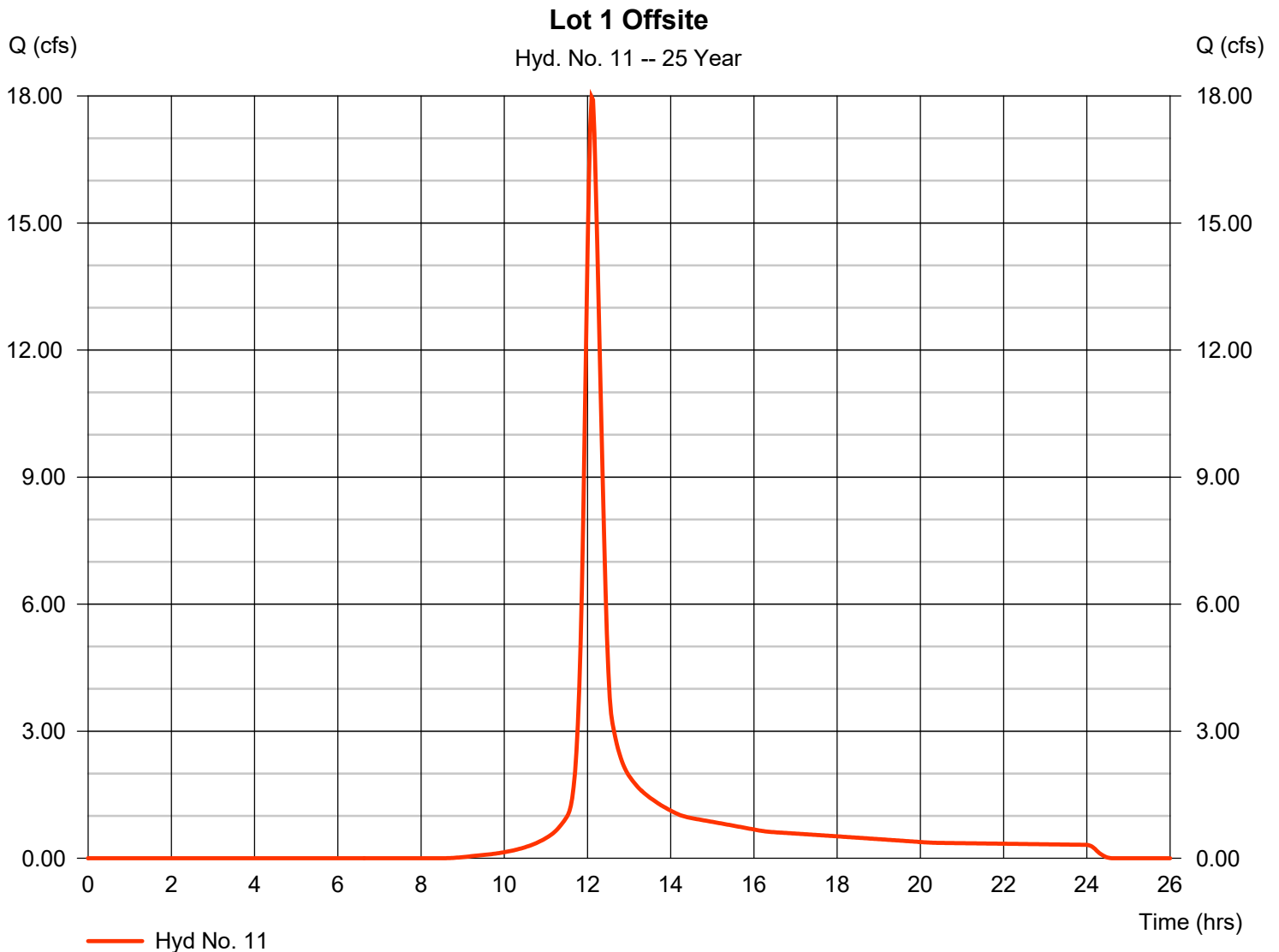


# Hydrograph Report

## Hyd. No. 11

Lot 1 Offsite

Hydrograph type	= SCS Runoff	Peak discharge	= 17.97 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 62,395 cuft
Drainage area	= 7.000 ac	Curve number	= 76
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 23.25 min
Total precip.	= 4.85 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

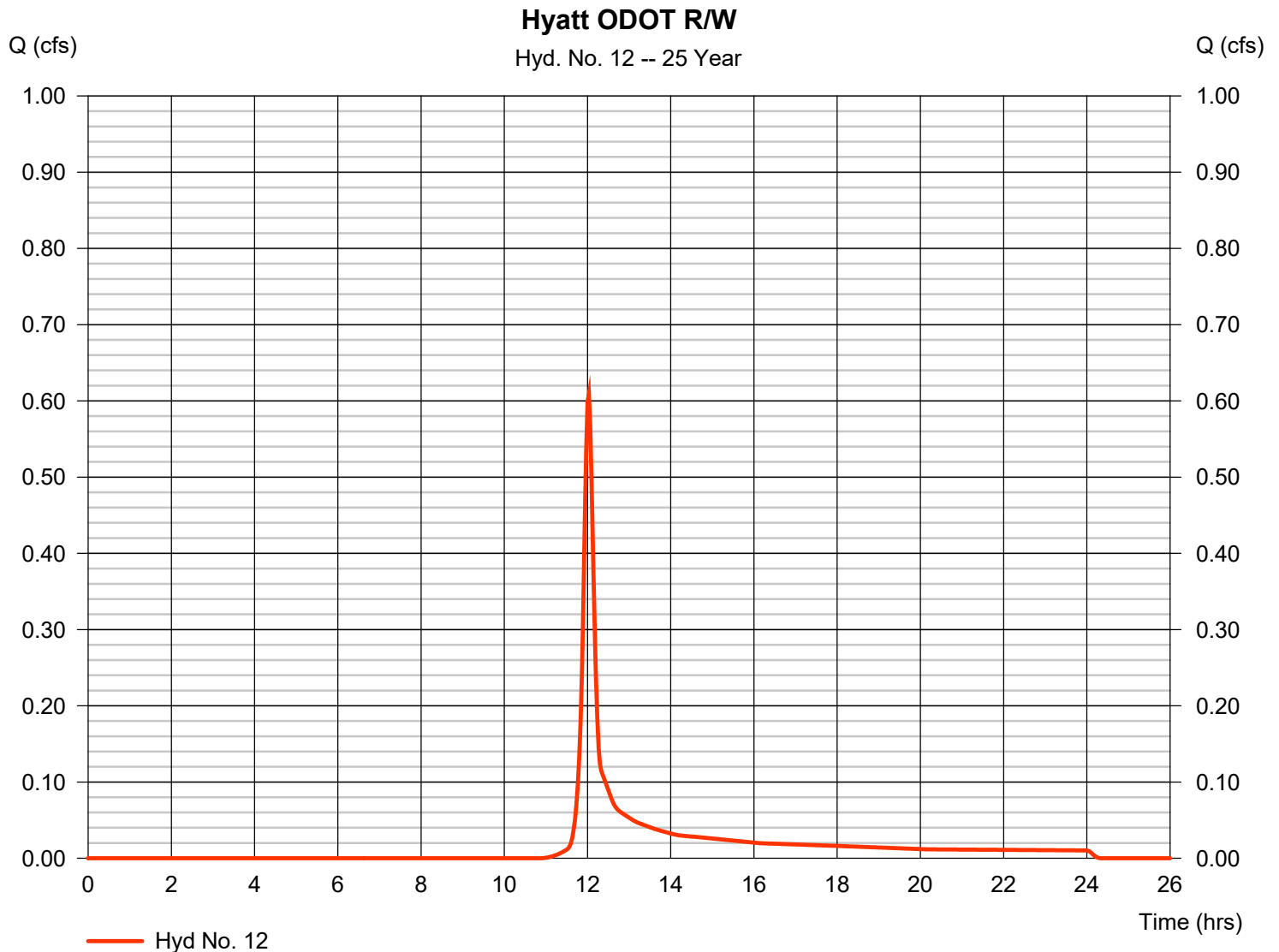


# Hydrograph Report

## Hyd. No. 12

Hyatt ODOT R/W

Hydrograph type	= SCS Runoff	Peak discharge	= 0.609 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 1,629 cuft
Drainage area	= 0.280 ac	Curve number	= 65
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 12.00 min
Total precip.	= 4.85 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484





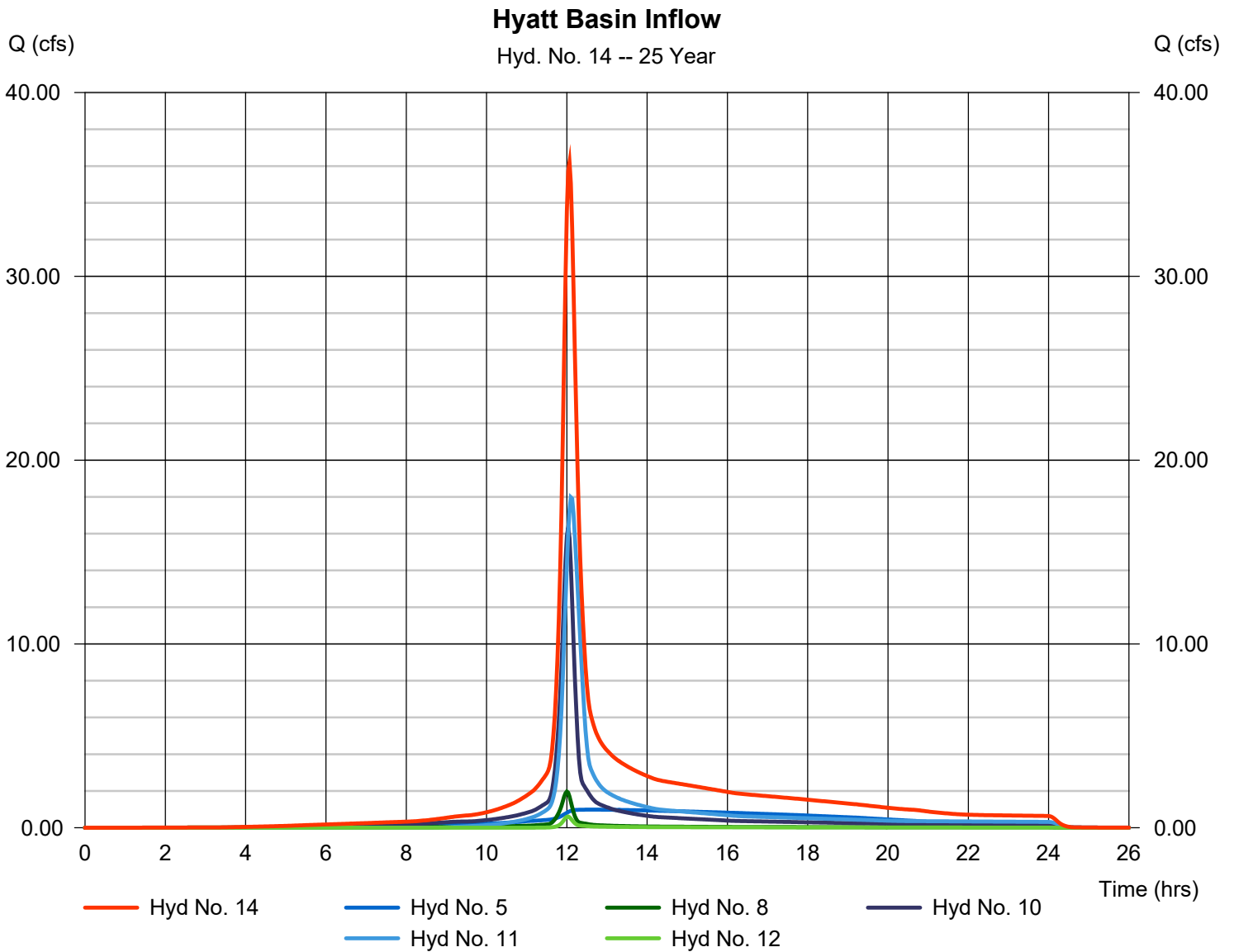
# Hydrograph Report

## Hyd. No. 14

### Hyatt Basin Inflow

Hydrograph type = Combine  
Storm frequency = 25 yrs  
Time interval = 2 min  
Inflow hyds. = 5, 8, 10, 11, 12

Peak discharge = 36.20 cfs  
Time to peak = 12.07 hrs  
Hyd. volume = 148,780 cuft  
Contrib. drain. area = 11.080 ac



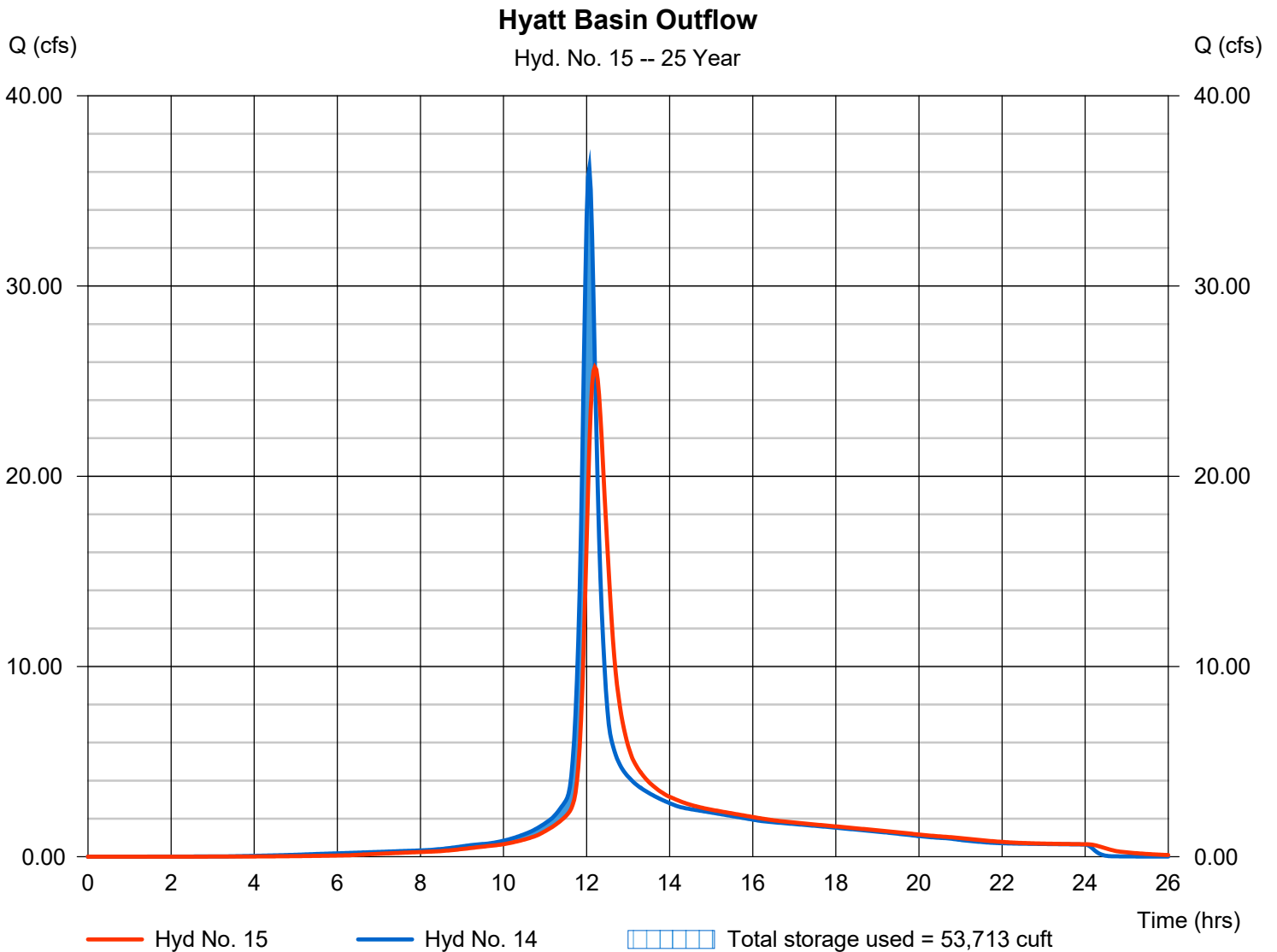
# Hydrograph Report

## Hyd. No. 15

### Hyatt Basin Outflow

Hydrograph type	= Reservoir	Peak discharge	= 25.73 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 148,770 cuft
Inflow hyd. No.	= 14 - Hyatt Basin Inflow	Max. Elevation	= 885.92 ft
Reservoir name	= Hyatt House Pond	Max. Storage	= 53,713 cuft

Storage Indication method used. Wet pond routing start elevation = 883.50 ft.



# Pond Report

## Pond No. 1 - Hyatt House Pond

### Pond Data

Contours -User-defined contour areas. Conic method used for volume calculation. Begining Elevation = 875.00 ft

### Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	875.00	1,117	0	0
1.00	876.00	1,500	1,304	1,304
2.00	877.00	1,945	1,718	3,021
3.00	878.00	2,451	2,193	5,214
4.00	879.00	3,020	2,730	7,944
5.00	880.00	3,651	3,330	11,275
6.00	881.00	4,343	3,992	15,266
7.00	882.00	5,486	4,903	20,169
8.00	883.00	6,892	6,175	26,344
9.00	884.00	8,541	7,701	34,045
10.00	885.00	10,284	9,398	43,443
11.00	886.00	12,092	11,175	54,618
12.00	887.00	13,964	13,015	67,633
13.00	888.00	15,899	14,920	82,553
14.00	889.00	15,899	15,897	98,450
15.00	890.00	15,899	15,897	114,348

### Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 24.00	Inactive	30.00	0.00
Span (in)	= 24.00	2.00	30.00	0.00
No. Barrels	= 1	1	1	0
Invert El. (ft)	= 875.00	882.00	883.50	0.00
Length (ft)	= 50.00	0.00	0.00	0.00
Slope (%)	= 0.50	0.00	0.00	n/a
N-Value	= .013	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	Yes	No

### Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 8.00	40.00	0.00	0.00
Crest El. (ft)	= 886.75	887.00	0.00	0.00
Weir Coeff.	= 3.33	2.60	3.33	3.33
Weir Type	= 1	Broad	---	---
Multi-Stage	= Yes	No	No	No
Exfil.(in/hr)	= 0.000 (by Contour)			
TW Elev. (ft)	= 0.00			

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

### Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Civ A cfs	Civ B cfs	Civ C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	875.00	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
0.10	130	875.10	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
0.20	261	875.20	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
0.30	391	875.30	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
0.40	521	875.40	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
0.50	652	875.50	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
0.60	782	875.60	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
0.70	913	875.70	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
0.80	1,043	875.80	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
0.90	1,173	875.90	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
1.00	1,304	876.00	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
1.10	1,475	876.10	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
1.20	1,647	876.20	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
1.30	1,819	876.30	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
1.40	1,991	876.40	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
1.50	2,162	876.50	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
1.60	2,334	876.60	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
1.70	2,506	876.70	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
1.80	2,678	876.80	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
1.90	2,849	876.90	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
2.00	3,021	877.00	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
2.10	3,240	877.10	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
2.20	3,460	877.20	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
2.30	3,679	877.30	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
2.40	3,898	877.40	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
2.50	4,118	877.50	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
2.60	4,337	877.60	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000

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**Stage / Storage / Discharge Table**

Stage ft	Storage cuft	Elevation ft	Civ A cfs	Civ B cfs	Civ C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
2.70	4,556	877.70	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
2.80	4,776	877.80	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
2.90	4,995	877.90	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
3.00	5,214	878.00	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
3.10	5,487	878.10	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
3.20	5,760	878.20	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
3.30	6,033	878.30	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
3.40	6,306	878.40	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
3.50	6,579	878.50	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
3.60	6,852	878.60	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
3.70	7,125	878.70	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
3.80	7,398	878.80	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
3.90	7,671	878.90	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
4.00	7,944	879.00	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
4.10	8,277	879.10	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
4.20	8,610	879.20	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
4.30	8,943	879.30	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
4.40	9,276	879.40	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
4.50	9,609	879.50	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
4.60	9,942	879.60	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
4.70	10,276	879.70	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
4.80	10,609	879.80	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
4.90	10,942	879.90	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
5.00	11,275	880.00	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
5.10	11,674	880.10	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
5.20	12,073	880.20	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
5.30	12,472	880.30	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
5.40	12,871	880.40	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
5.50	13,270	880.50	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
5.60	13,670	880.60	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
5.70	14,069	880.70	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
5.80	14,468	880.80	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
5.90	14,867	880.90	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
6.00	15,266	881.00	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
6.10	15,756	881.10	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
6.20	16,247	881.20	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
6.30	16,737	881.30	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
6.40	17,227	881.40	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
6.50	17,718	881.50	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
6.60	18,208	881.60	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
6.70	18,698	881.70	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
6.80	19,188	881.80	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
6.90	19,679	881.90	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
7.00	20,169	882.00	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
7.10	20,787	882.10	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
7.20	21,404	882.20	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
7.30	22,022	882.30	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
7.40	22,639	882.40	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
7.50	23,257	882.50	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
7.60	23,874	882.60	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
7.70	24,492	882.70	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
7.80	25,109	882.80	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
7.90	25,727	882.90	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
8.00	26,344	883.00	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
8.10	27,114	883.10	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
8.20	27,884	883.20	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
8.30	28,654	883.30	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
8.40	29,424	883.40	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
8.50	30,195	883.50	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	0.000
8.60	30,965	883.60	0.07 ic	0.00	0.07 ic	---	0.00	0.00	---	---	---	---	0.074
8.70	31,735	883.70	0.29 ic	0.00	0.29 ic	---	0.00	0.00	---	---	---	---	0.291
8.80	32,505	883.80	0.69 ic	0.00	0.66 ic	---	0.00	0.00	---	---	---	---	0.660
8.90	33,275	883.90	1.13 ic	0.00	1.13 ic	---	0.00	0.00	---	---	---	---	1.126
9.00	34,045	884.00	1.79 oc	0.00	1.76 ic	---	0.00	0.00	---	---	---	---	1.757
9.10	34,985	884.10	2.51 oc	0.00	2.47 ic	---	0.00	0.00	---	---	---	---	2.467
9.20	35,925	884.20	3.21 oc	0.00	3.21 ic	---	0.00	0.00	---	---	---	---	3.205
9.30	36,865	884.30	4.24 oc	0.00	4.18 ic	---	0.00	0.00	---	---	---	---	4.182
9.40	37,804	884.40	5.18 oc	0.00	5.15 ic	---	0.00	0.00	---	---	---	---	5.148
9.50	38,744	884.50	6.42 oc	0.00	6.37 ic	---	0.00	0.00	---	---	---	---	6.374
9.60	39,684	884.60	7.58 oc	0.00	7.54 ic	---	0.00	0.00	---	---	---	---	7.542
9.70	40,624	884.70	8.79 oc	0.00	8.79 ic	---	0.00	0.00	---	---	---	---	8.787
9.80	41,564	884.80	10.10 oc	0.00	10.10 ic	---	0.00	0.00	---	---	---	---	10.10

Hyatt House Pond

**Stage / Storage / Discharge Table**

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
9.90	42,503	884.90	11.46 oc	0.00	11.46 ic	---	0.00	0.00	---	---	---	---	11.46
10.00	43,443	885.00	12.86 oc	0.00	12.86 ic	---	0.00	0.00	---	---	---	---	12.86
10.10	44,561	885.10	14.47 oc	0.00	14.47 ic	---	0.00	0.00	---	---	---	---	14.47
10.20	45,678	885.20	15.89 oc	0.00	15.88 ic	---	0.00	0.00	---	---	---	---	15.88
10.30	46,796	885.30	17.46 oc	0.00	17.46 ic	---	0.00	0.00	---	---	---	---	17.46
10.40	47,913	885.40	18.82 oc	0.00	18.82 ic	---	0.00	0.00	---	---	---	---	18.82
10.50	49,031	885.50	20.28 oc	0.00	20.27 ic	---	0.00	0.00	---	---	---	---	20.27
10.60	50,148	885.60	21.77 oc	0.00	21.77 ic	---	0.00	0.00	---	---	---	---	21.77
10.70	51,265	885.70	23.11 oc	0.00	23.11 ic	---	0.00	0.00	---	---	---	---	23.11
10.80	52,383	885.80	24.43 oc	0.00	24.43 ic	---	0.00	0.00	---	---	---	---	24.43
10.90	53,500	885.90	25.57 oc	0.00	25.57 ic	---	0.00	0.00	---	---	---	---	25.57
11.00	54,618	886.00	26.42 oc	0.00	26.42 ic	---	0.00	0.00	---	---	---	---	26.42
11.10	55,919	886.10	27.46 ic	0.00	27.46 ic	---	0.00	0.00	---	---	---	---	27.46
11.20	57,221	886.20	28.46 ic	0.00	28.46 ic	---	0.00	0.00	---	---	---	---	28.46
11.30	58,523	886.30	29.42 ic	0.00	29.42 ic	---	0.00	0.00	---	---	---	---	29.42
11.40	59,824	886.40	30.36 ic	0.00	30.36 ic	---	0.00	0.00	---	---	---	---	30.36
11.50	61,126	886.50	31.26 ic	0.00	31.26 ic	---	0.00	0.00	---	---	---	---	31.26
11.60	62,427	886.60	32.14 ic	0.00	32.14 ic	---	0.00	0.00	---	---	---	---	32.14
11.70	63,729	886.70	33.00 ic	0.00	33.00 ic	---	0.00	0.00	---	---	---	---	33.00
11.80	65,030	886.80	34.13 ic	0.00	33.83 ic	---	0.30	0.00	---	---	---	---	34.13
11.90	66,332	886.90	36.19 ic	0.00	34.65 ic	---	1.54	0.00	---	---	---	---	36.19
12.00	67,633	887.00	38.78 ic	0.00	35.45 ic	---	3.33	0.00	---	---	---	---	38.78
12.10	69,125	887.10	41.74 ic	0.00	36.23 ic	---	5.52	3.29	---	---	---	---	45.03
12.20	70,617	887.20	44.81 ic	0.00	36.77 ic	---	8.04	9.30	---	---	---	---	54.11
12.30	72,109	887.30	45.70 ic	0.00	34.83 ic	---	10.86	17.08	---	---	---	---	62.78
12.40	73,601	887.40	46.60 ic	0.00	32.64 ic	---	13.96	26.30	---	---	---	---	72.90
12.50	75,093	887.50	47.51 ic	0.00	30.21 ic	---	17.30	36.76	---	---	---	---	84.26
12.60	76,585	887.60	48.41 ic	0.00	27.53 ic	---	20.87	48.32	---	---	---	---	96.72
12.70	78,077	887.70	49.28 ic	0.00	24.62 ic	---	24.66	60.89	---	---	---	---	110.16
12.80	79,569	887.80	49.25 ic	0.00	25.85 ic	---	22.04 ic	74.39	---	---	---	---	122.28
12.90	81,061	887.90	49.38 ic	0.00	26.32 ic	---	23.06 ic	88.76	---	---	---	---	138.14
13.00	82,553	888.00	50.95 ic	0.00	19.07 ic	---	31.88 s	104.00	---	---	---	---	154.95
13.10	84,143	888.10	51.35 ic	0.00	17.87 ic	---	33.48 s	119.98	---	---	---	---	171.33
13.20	85,732	888.20	51.72 ic	0.00	16.81 ic	---	34.91 s	136.70	---	---	---	---	188.42
13.30	87,322	888.30	52.06 ic	0.00	15.86 ic	---	36.21 s	154.14	---	---	---	---	206.20
13.40	88,912	888.40	52.39 ic	0.00	15.00 ic	---	37.39 s	172.26	---	---	---	---	224.64
13.50	90,502	888.50	52.69 ic	0.00	14.22 ic	---	38.47 s	191.04	---	---	---	---	243.73
13.60	92,091	888.60	52.99 ic	0.00	13.51 ic	---	39.48 s	210.45	---	---	---	---	263.44
13.70	93,681	888.70	53.27 ic	0.00	12.86 ic	---	40.41 s	230.48	---	---	---	---	283.75
13.80	95,271	888.80	53.54 ic	0.00	12.26 ic	---	41.28 s	251.11	---	---	---	---	304.65
13.90	96,861	888.90	53.80 ic	0.00	11.71 ic	---	42.09 s	272.33	---	---	---	---	326.12
14.00	98,450	889.00	54.06 ic	0.00	11.20 ic	---	42.86 s	294.16	---	---	---	---	348.21
14.10	100,040	889.10	54.31 ic	0.00	10.73 ic	---	43.57 s	316.49	---	---	---	---	370.79
14.20	101,630	889.20	54.55 ic	0.00	10.29 ic	---	44.26 s	339.35	---	---	---	---	393.90
14.30	103,220	889.30	54.79 ic	0.00	9.89 ic	---	44.90 s	362.75	---	---	---	---	417.54
14.40	104,809	889.40	55.03 ic	0.00	9.51 ic	---	45.51 s	386.66	---	---	---	---	441.67
14.50	106,399	889.50	55.26 ic	0.00	9.15 ic	---	46.10 s	411.07	---	---	---	---	466.32
14.60	107,989	889.60	55.49 ic	0.00	8.82 ic	---	46.66 s	435.97	---	---	---	---	491.46
14.70	109,578	889.70	55.72 ic	0.00	8.51 ic	---	47.19 s	461.36	---	---	---	---	517.06
14.80	111,168	889.80	55.94 ic	0.00	8.22 ic	---	47.71 s	487.22	---	---	---	---	543.15
14.90	112,758	889.90	56.16 ic	0.00	7.95 ic	---	48.21 s	513.55	---	---	---	---	569.71
15.00	114,348	890.00	56.38 ic	0.00	7.69 ic	---	48.68 s	540.40	---	---	---	---	596.77

...End

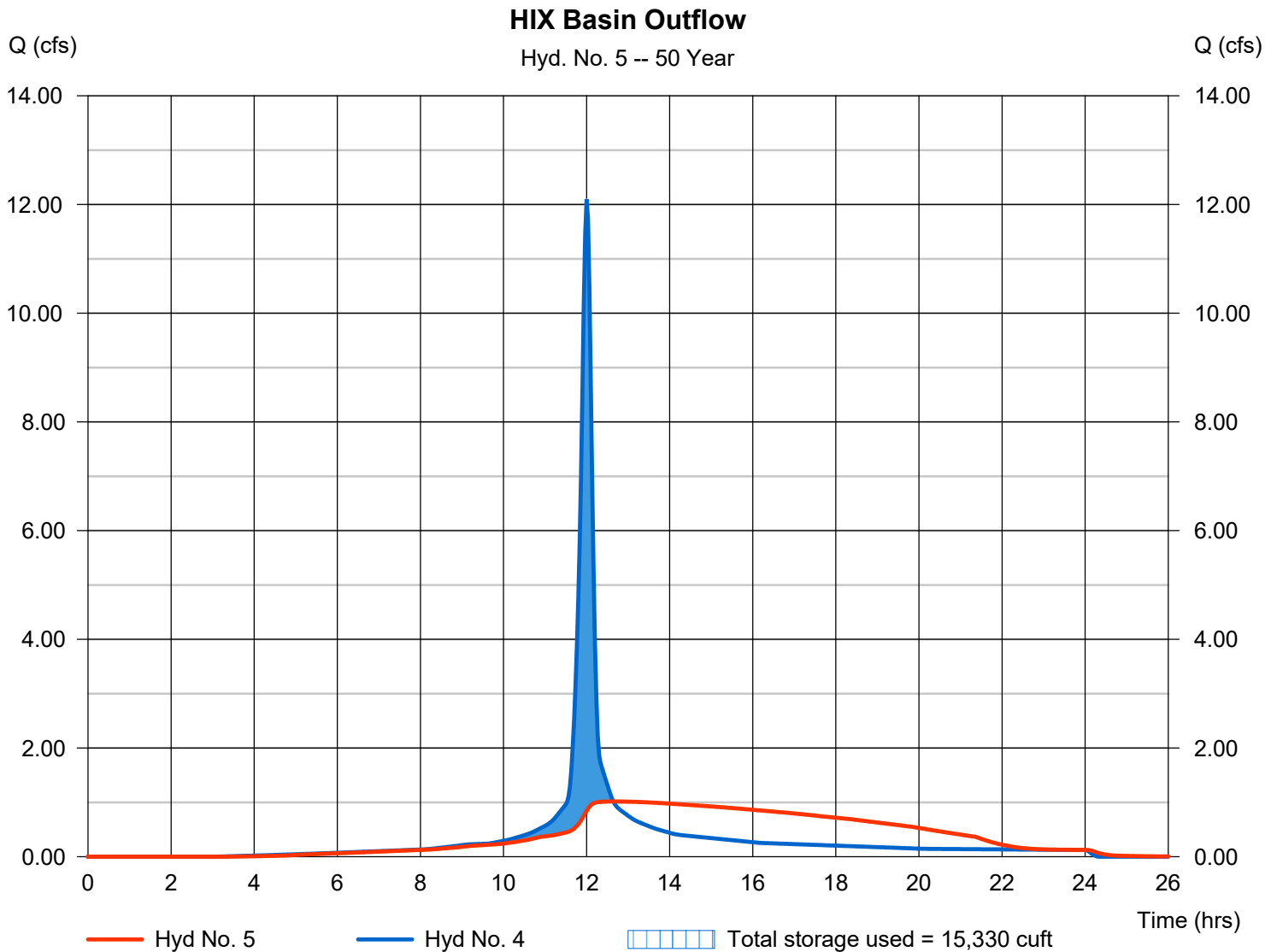
# Hydrograph Report

## Hyd. No. 5

### HIX Basin Outflow

Hydrograph type	= Reservoir	Peak discharge	= 1.017 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.63 hrs
Time interval	= 2 min	Hyd. volume	= 33,294 cuft
Inflow hyd. No.	= 4 - HIX Basin Inflow	Max. Elevation	= 894.26 ft
Reservoir name	= HIX Pond	Max. Storage	= 15,330 cuft

Storage Indication method used.

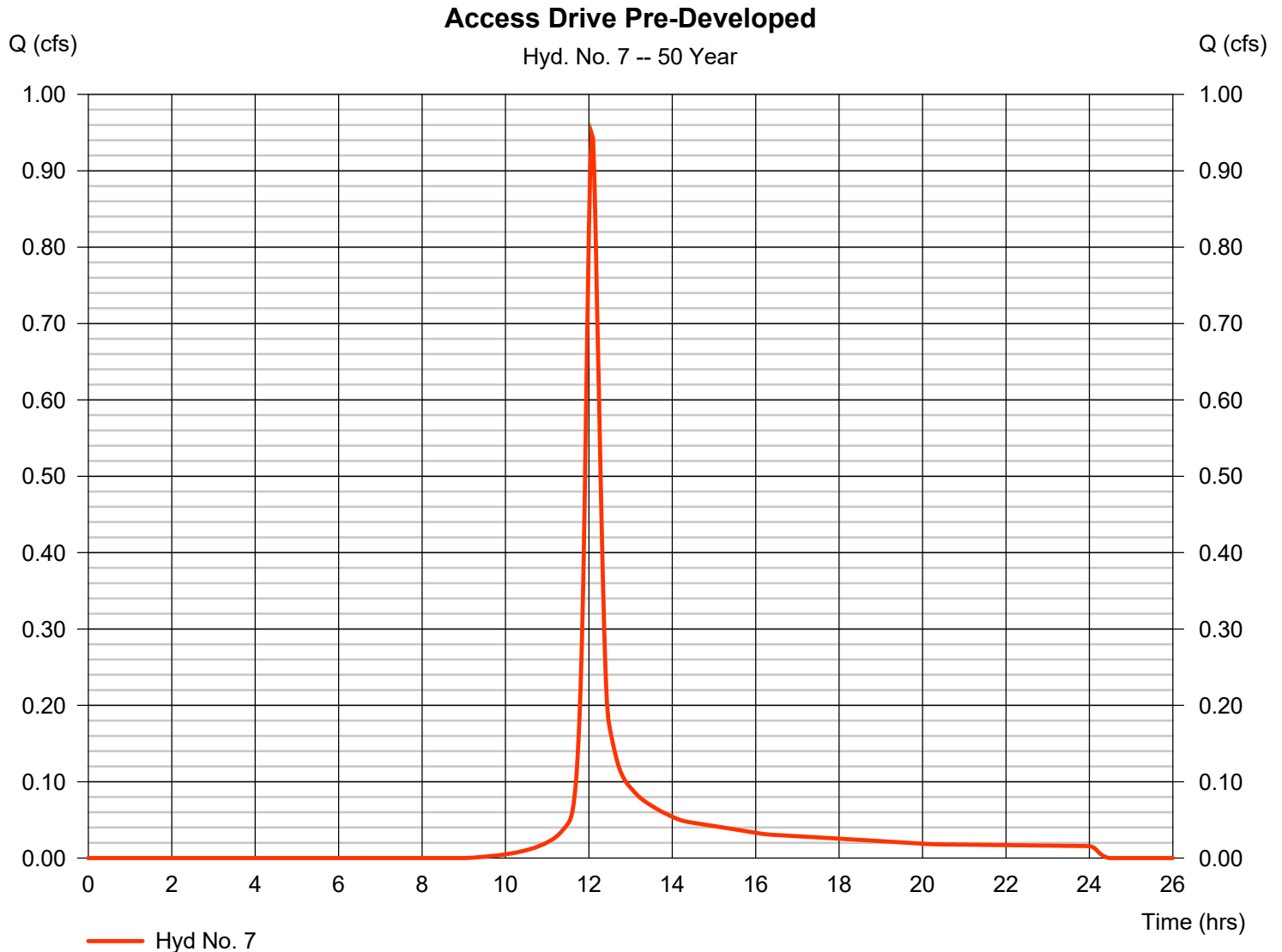


# Hydrograph Report

## Hyd. No. 7

Access Drive Pre-Developed

Hydrograph type	= SCS Runoff	Peak discharge	= 0.948 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 2,988 cuft
Drainage area	= 0.340 ac	Curve number	= 72.8
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 19.00 min
Total precip.	= 5.20 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

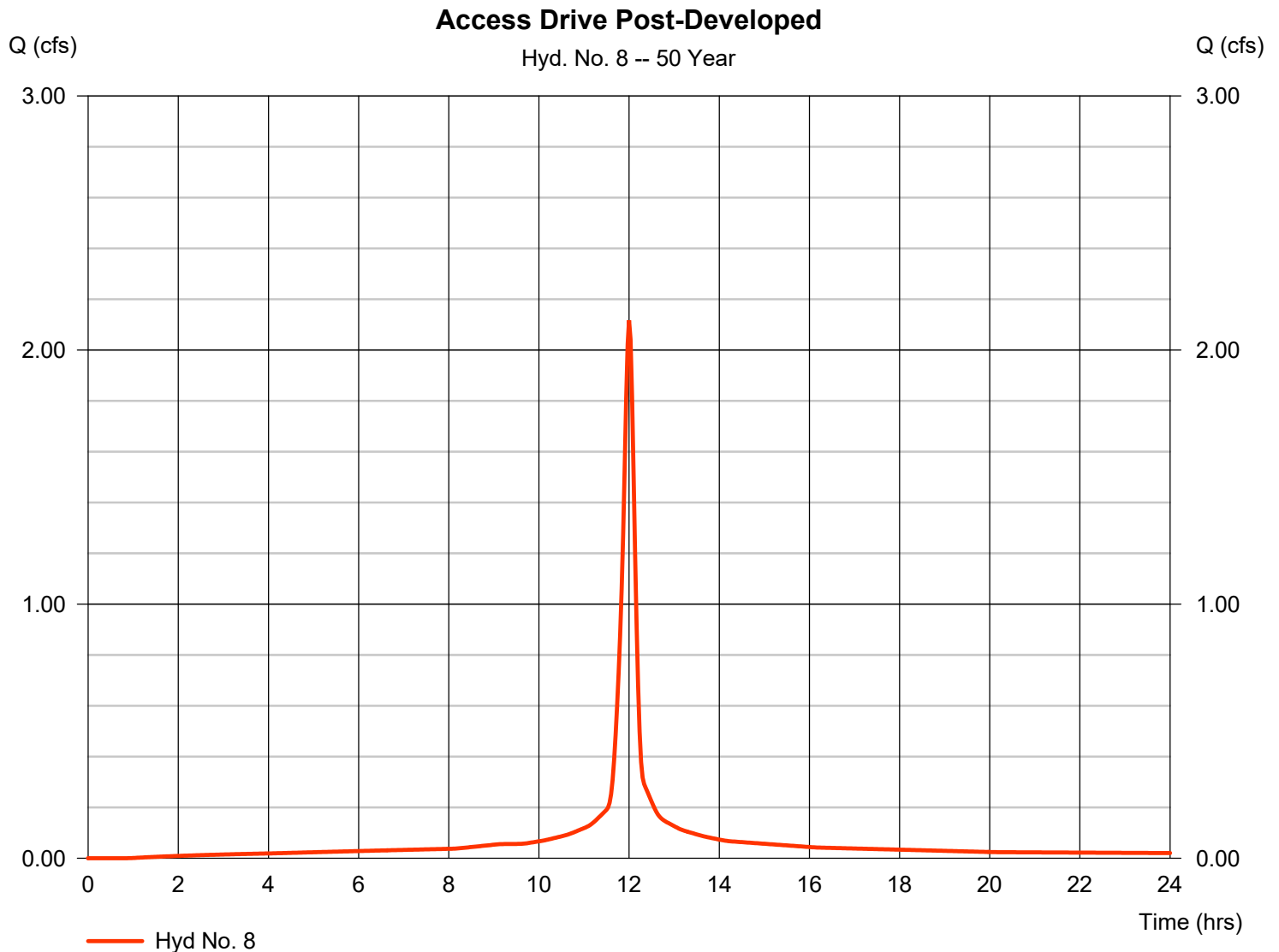


# Hydrograph Report

## Hyd. No. 8

Access Drive Post-Developed

Hydrograph type	= SCS Runoff	Peak discharge	= 2.117 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.00 hrs
Time interval	= 2 min	Hyd. volume	= 6,317 cuft
Drainage area	= 0.340 ac	Curve number	= 98
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 12.00 min
Total precip.	= 5.20 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484



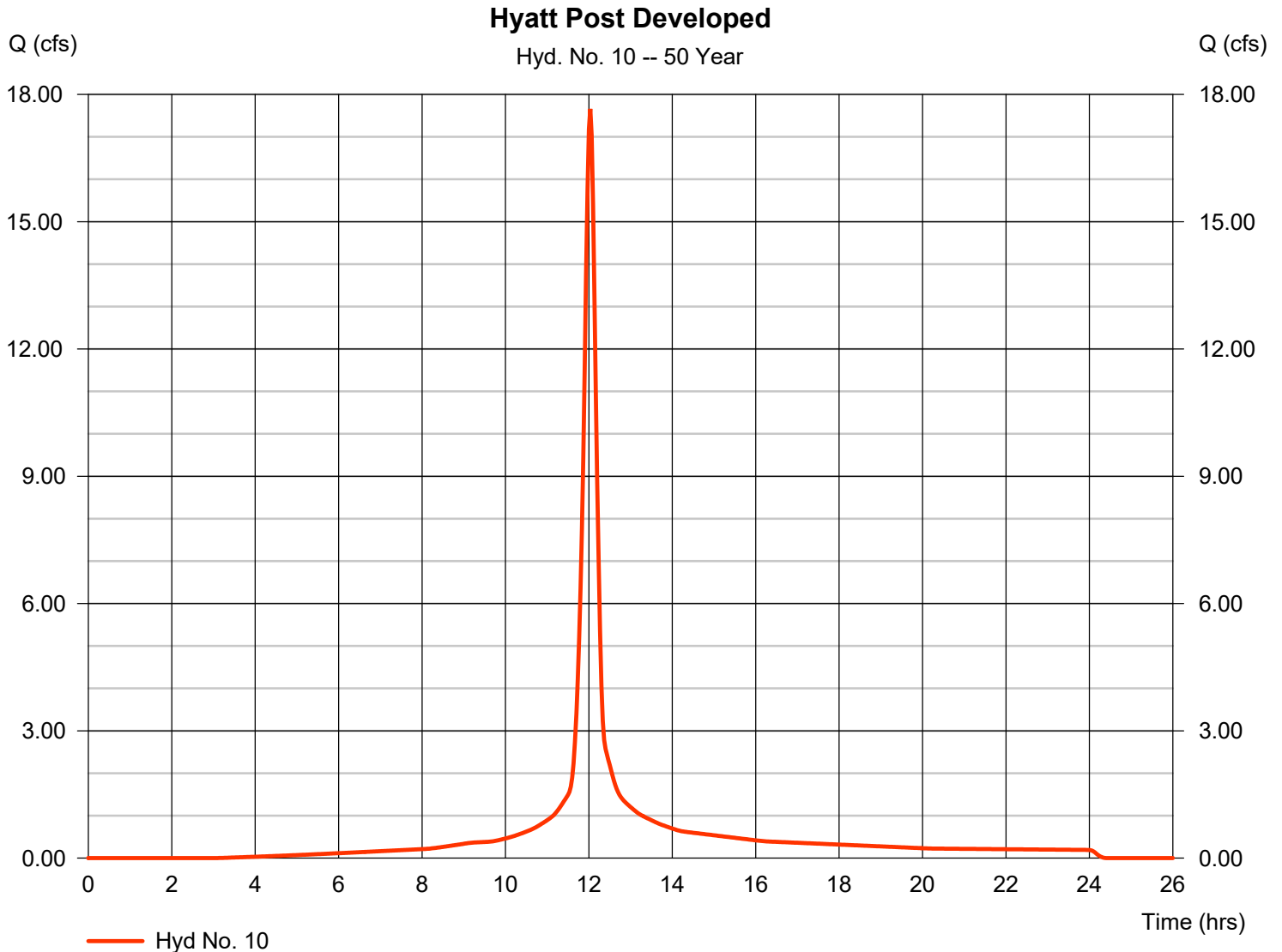


# Hydrograph Report

## Hyd. No. 10

Hyatt Post Developed

Hydrograph type	= SCS Runoff	Peak discharge	= 17.66 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 52,471 cuft
Drainage area	= 3.460 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 16.50 min
Total precip.	= 5.20 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

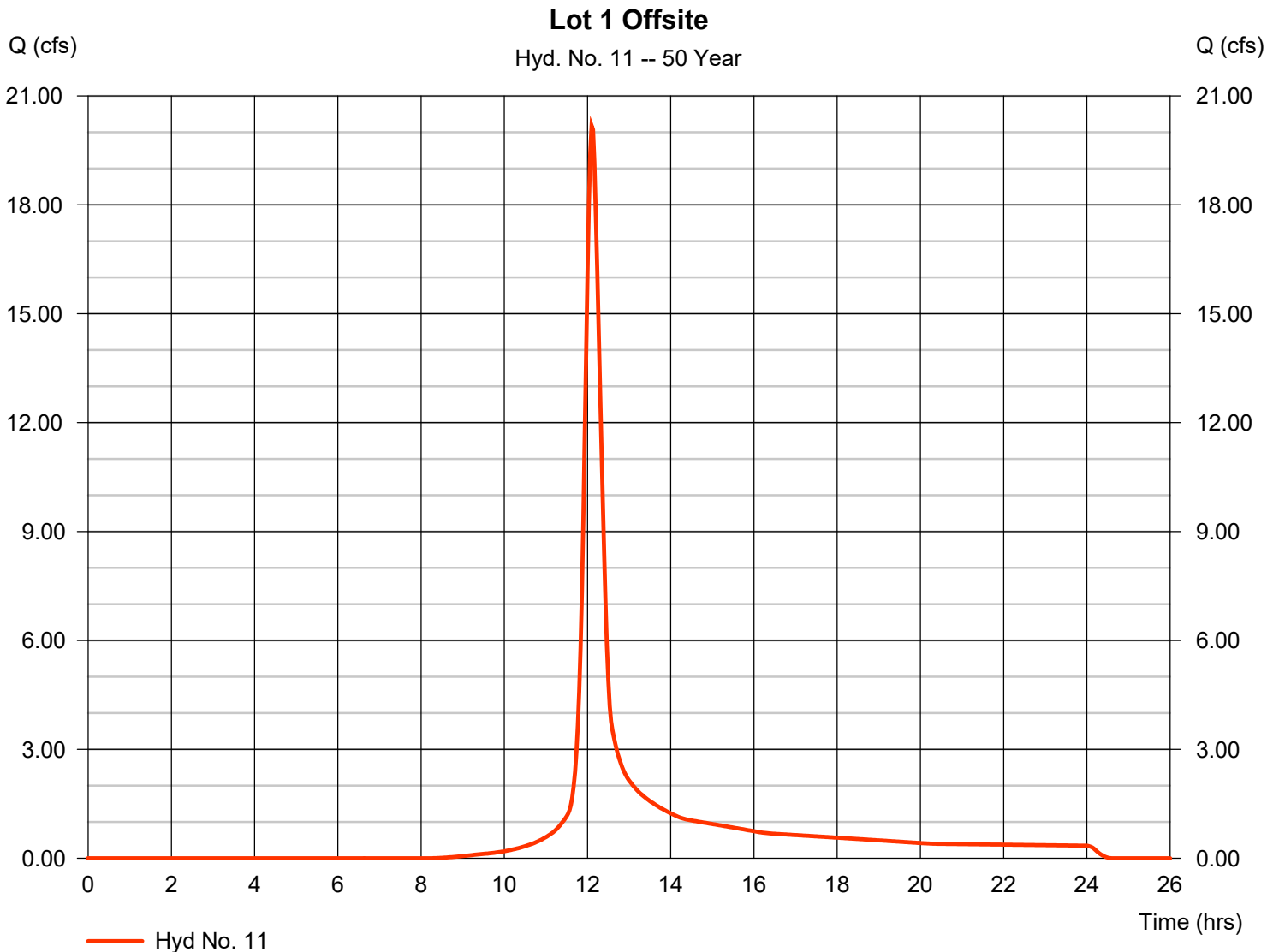


# Hydrograph Report

## Hyd. No. 11

Lot 1 Offsite

Hydrograph type	= SCS Runoff	Peak discharge	= 20.18 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 69,864 cuft
Drainage area	= 7.000 ac	Curve number	= 76
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 23.25 min
Total precip.	= 5.20 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

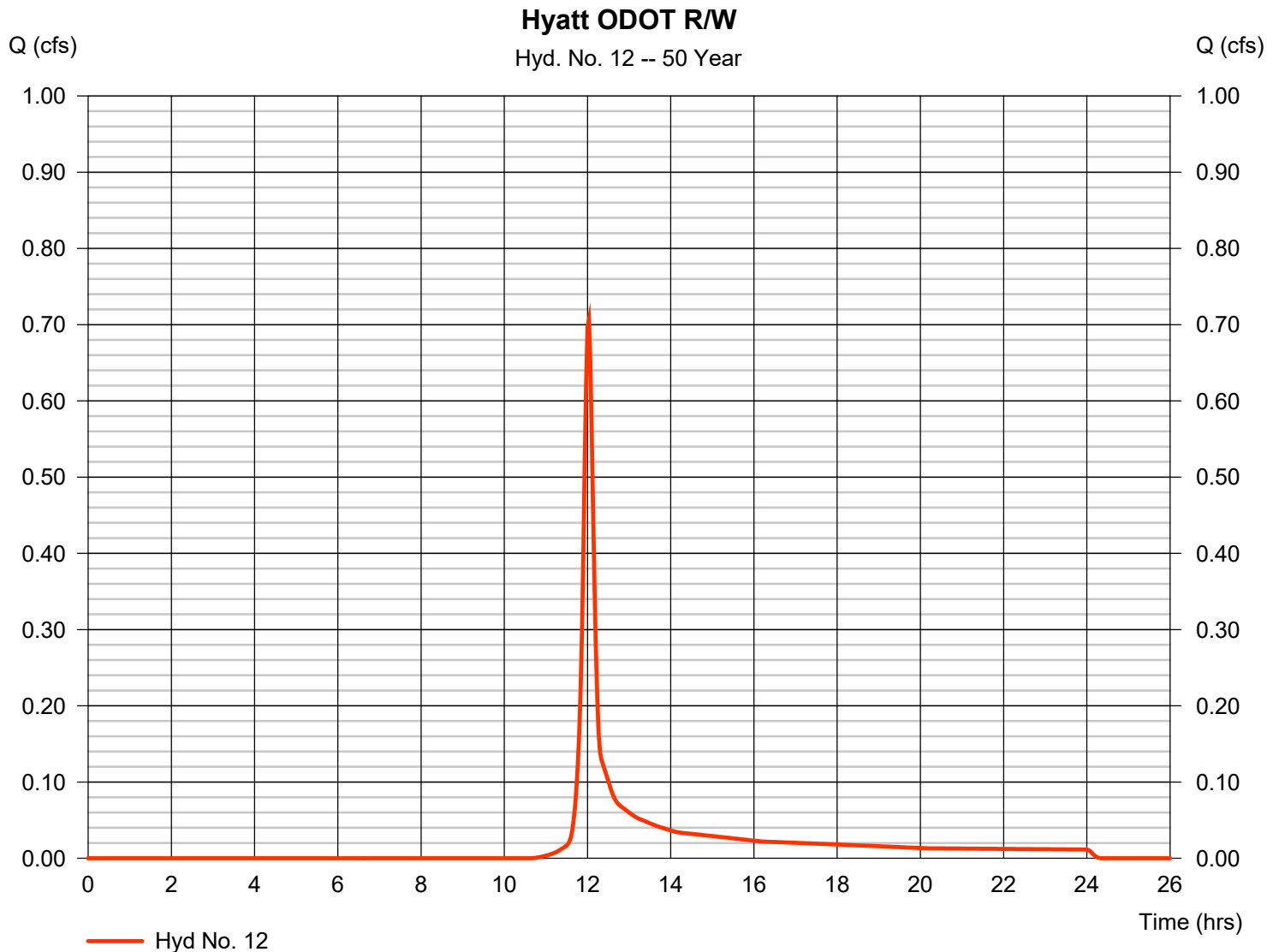


# Hydrograph Report

## Hyd. No. 12

Hyatt ODOT R/W

Hydrograph type	= SCS Runoff	Peak discharge	= 0.706 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 1,874 cuft
Drainage area	= 0.280 ac	Curve number	= 65
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 12.00 min
Total precip.	= 5.20 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484



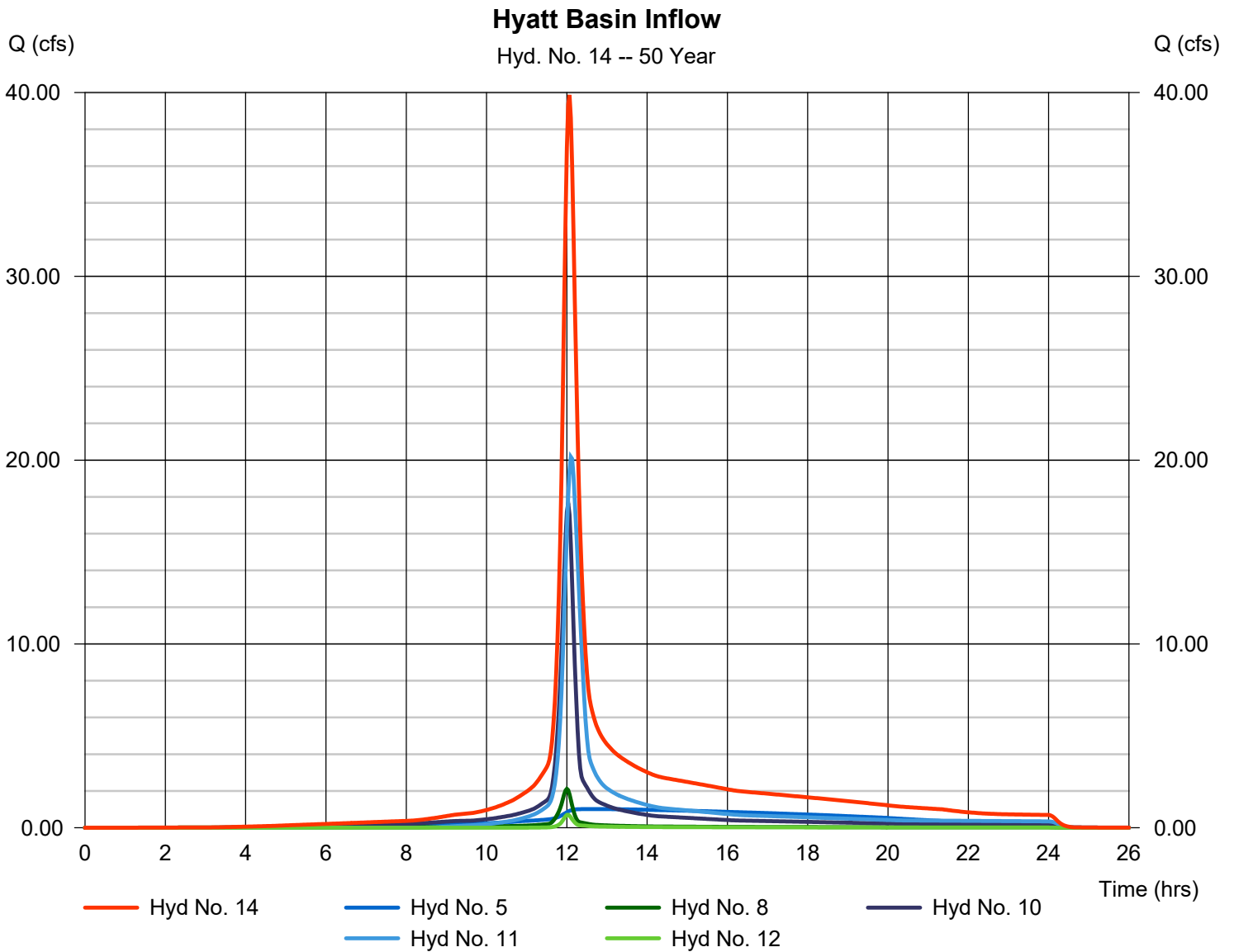
# Hydrograph Report

## Hyd. No. 14

### Hyatt Basin Inflow

Hydrograph type = Combine  
Storm frequency = 50 yrs  
Time interval = 2 min  
Inflow hyds. = 5, 8, 10, 11, 12

Peak discharge = 39.87 cfs  
Time to peak = 12.07 hrs  
Hyd. volume = 163,819 cuft  
Contrib. drain. area = 11.080 ac



# Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

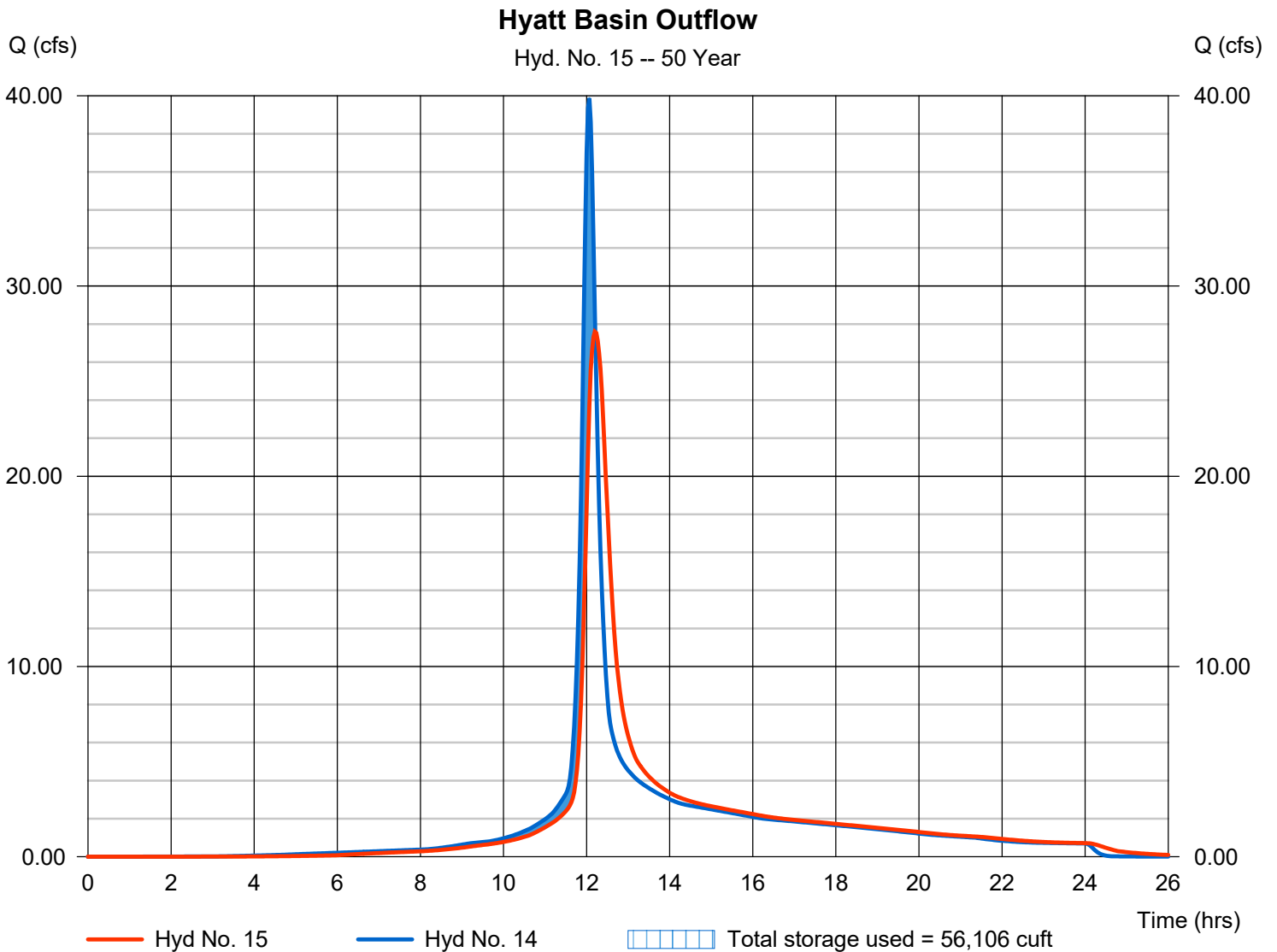
Thursday, 01 / 12 / 2017

## Hyd. No. 15

### Hyatt Basin Outflow

Hydrograph type	= Reservoir	Peak discharge	= 27.60 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 163,809 cuft
Inflow hyd. No.	= 14 - Hyatt Basin Inflow	Max. Elevation	= 886.12 ft
Reservoir name	= Hyatt House Pond	Max. Storage	= 56,106 cuft

Storage Indication method used. Wet pond routing start elevation = 883.50 ft.



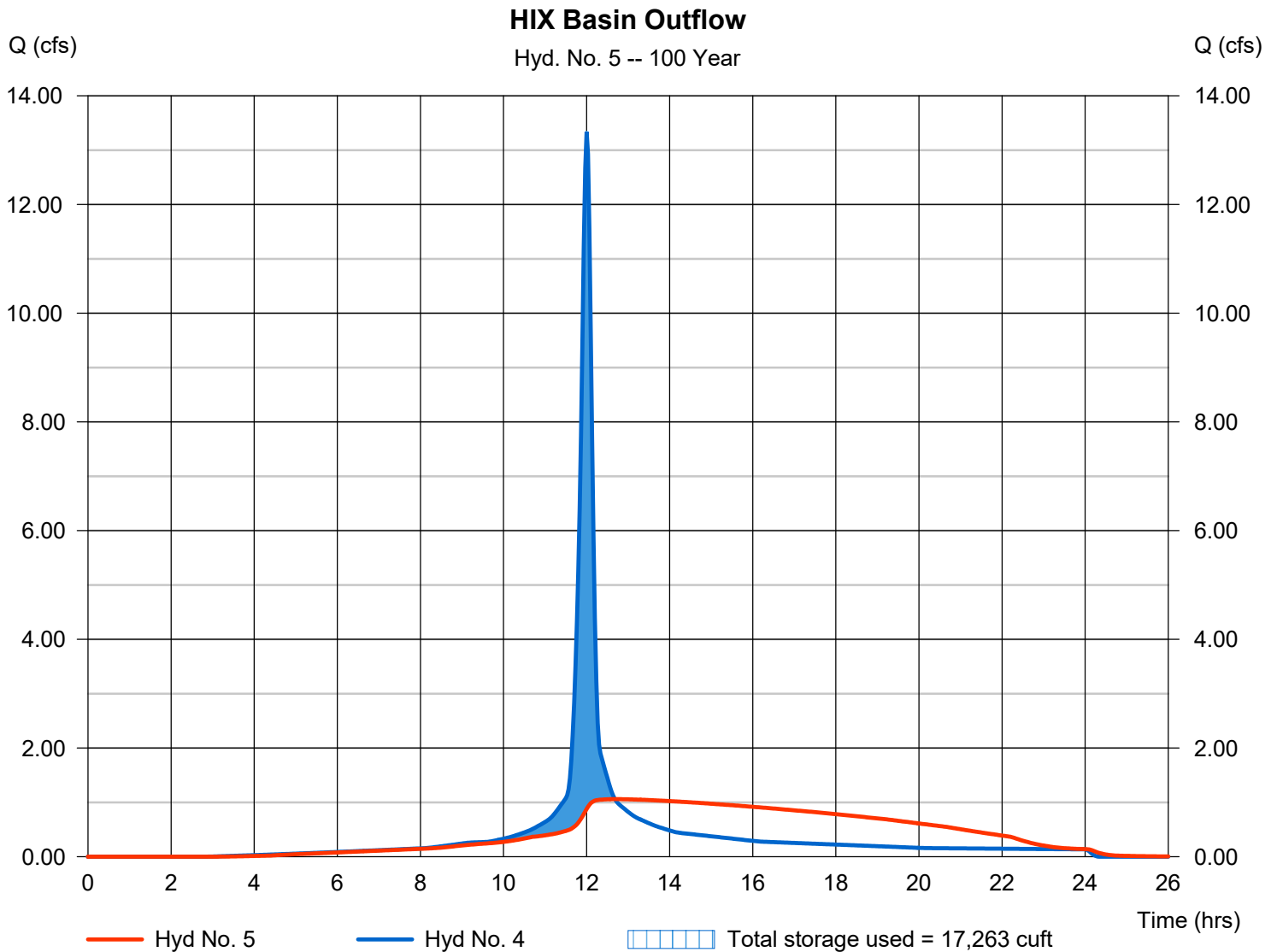
# Hydrograph Report

## Hyd. No. 5

### HIX Basin Outflow

Hydrograph type	= Reservoir	Peak discharge	= 1.059 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.70 hrs
Time interval	= 2 min	Hyd. volume	= 36,928 cuft
Inflow hyd. No.	= 4 - HIX Basin Inflow	Max. Elevation	= 894.76 ft
Reservoir name	= HIX Pond	Max. Storage	= 17,263 cuft

Storage Indication method used.

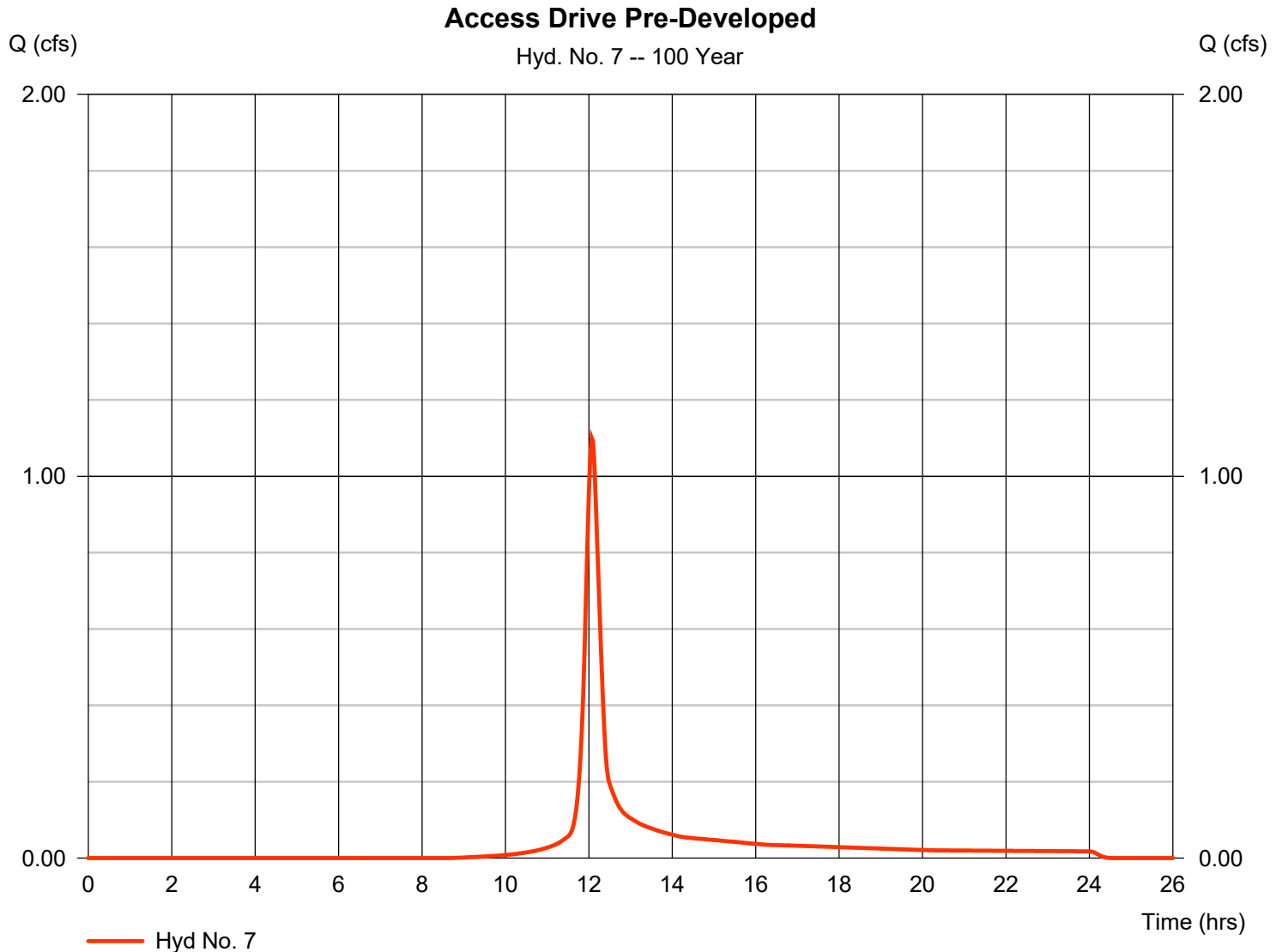


# Hydrograph Report

## Hyd. No. 7

Access Drive Pre-Developed

Hydrograph type	= SCS Runoff	Peak discharge	= 1.101 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 3,454 cuft
Drainage area	= 0.340 ac	Curve number	= 72.8
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 19.00 min
Total precip.	= 5.67 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

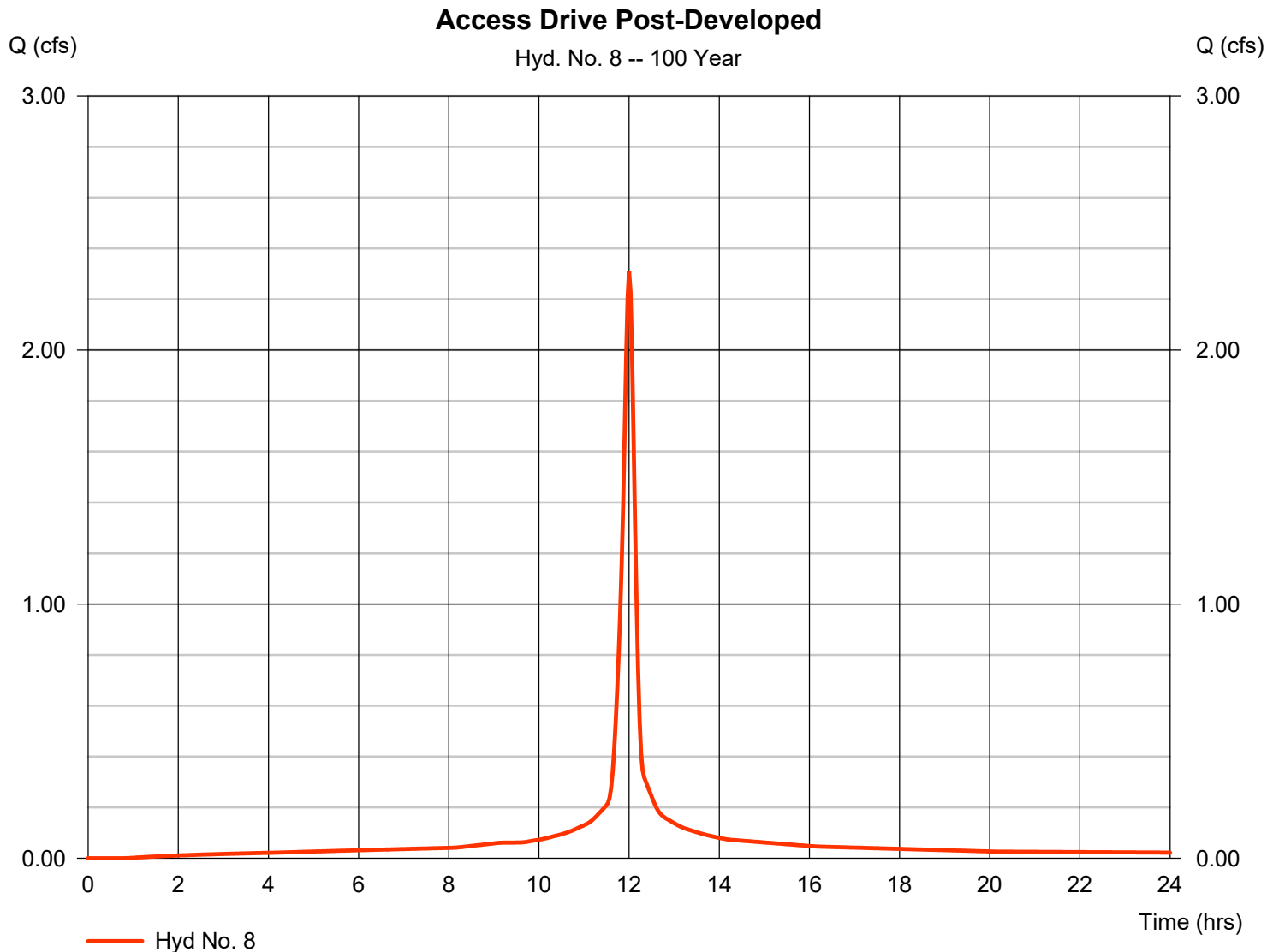


# Hydrograph Report

## Hyd. No. 8

Access Drive Post-Developed

Hydrograph type	= SCS Runoff	Peak discharge	= 2.310 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.00 hrs
Time interval	= 2 min	Hyd. volume	= 6,914 cuft
Drainage area	= 0.340 ac	Curve number	= 98
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 12.00 min
Total precip.	= 5.67 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484



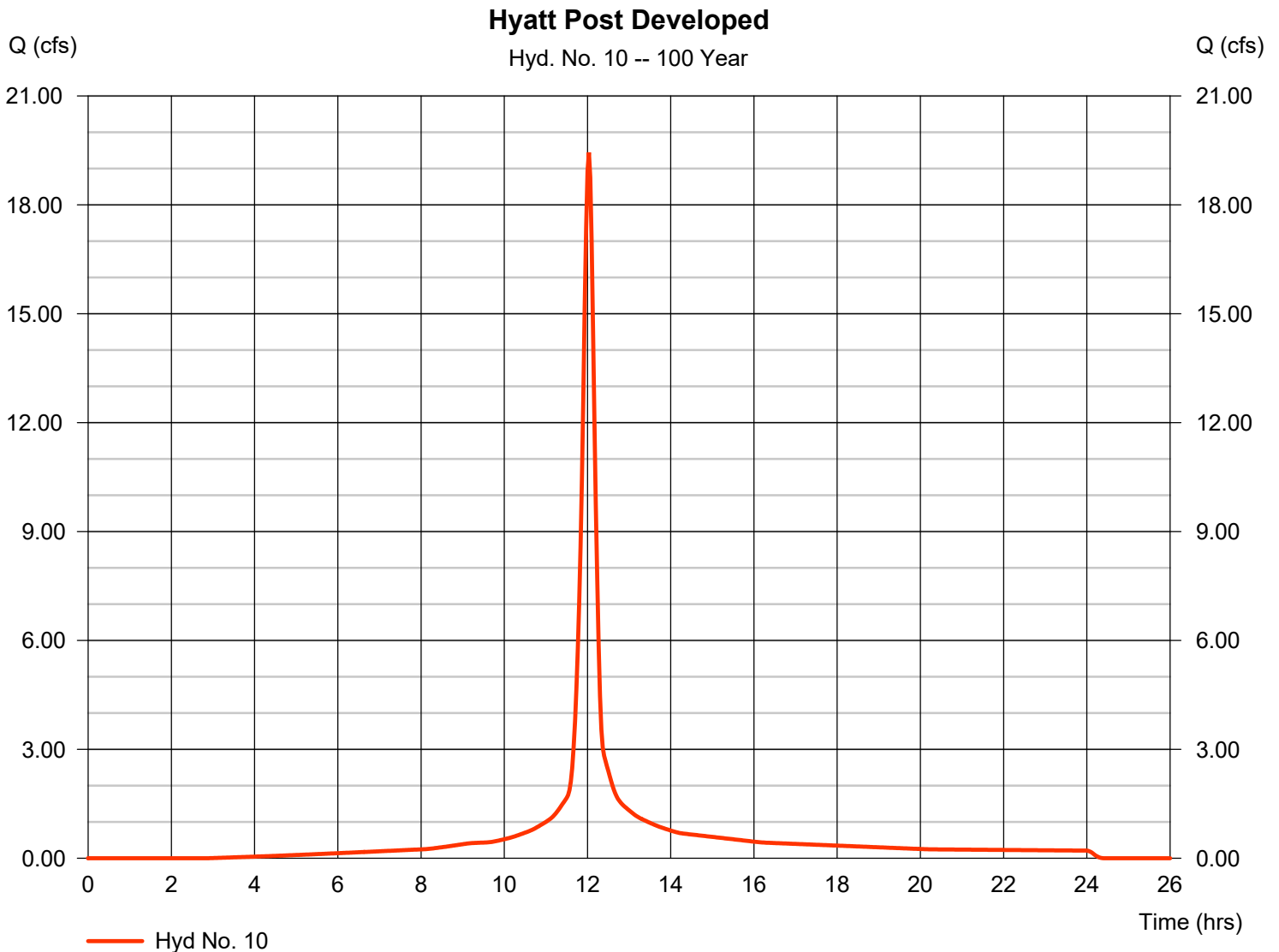


# Hydrograph Report

## Hyd. No. 10

Hyatt Post Developed

Hydrograph type	= SCS Runoff	Peak discharge	= 19.45 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 58,110 cuft
Drainage area	= 3.460 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 16.50 min
Total precip.	= 5.67 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

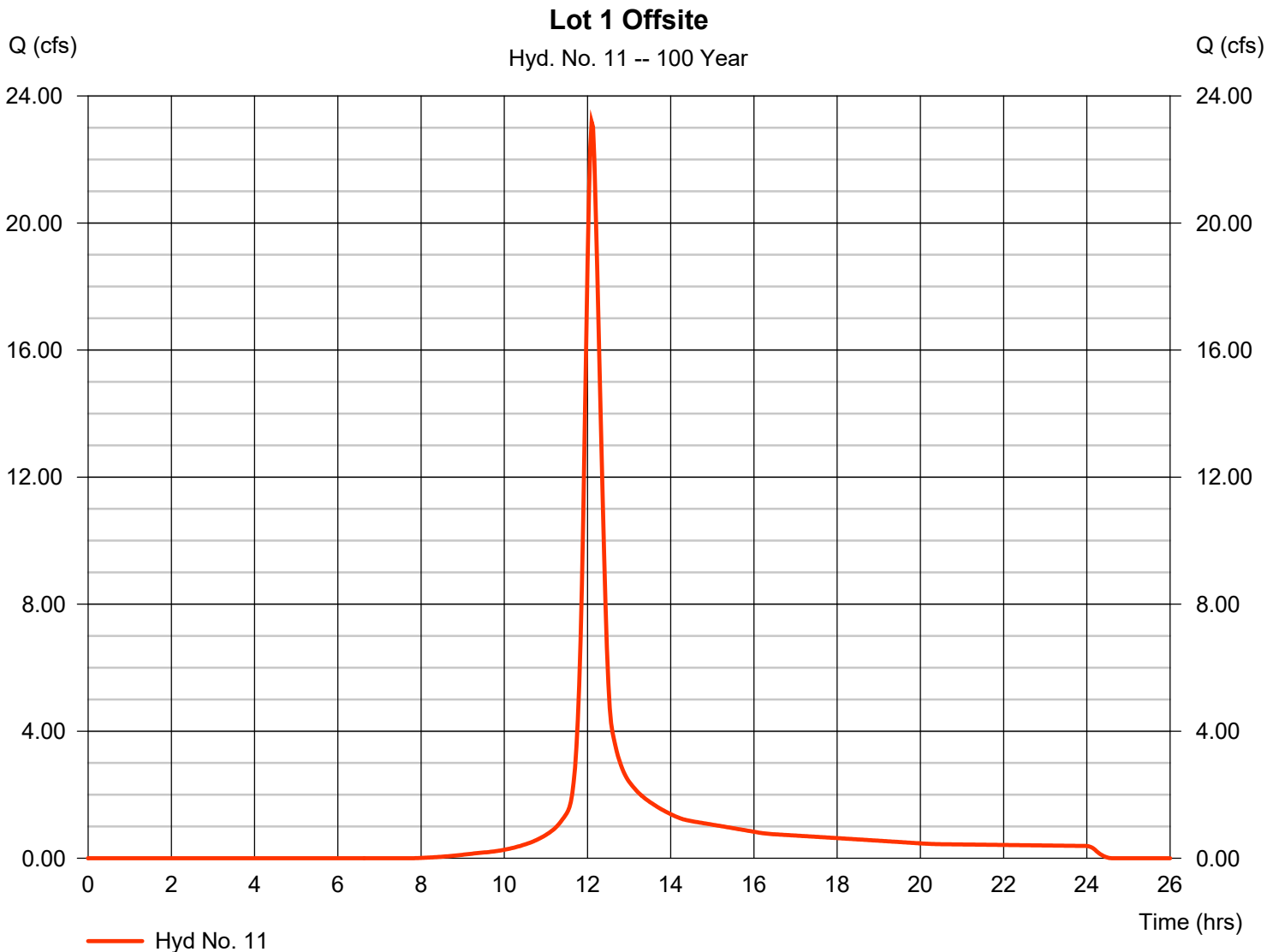


# Hydrograph Report

## Hyd. No. 11

Lot 1 Offsite

Hydrograph type	= SCS Runoff	Peak discharge	= 23.18 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 80,105 cuft
Drainage area	= 7.000 ac	Curve number	= 76
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 23.25 min
Total precip.	= 5.67 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

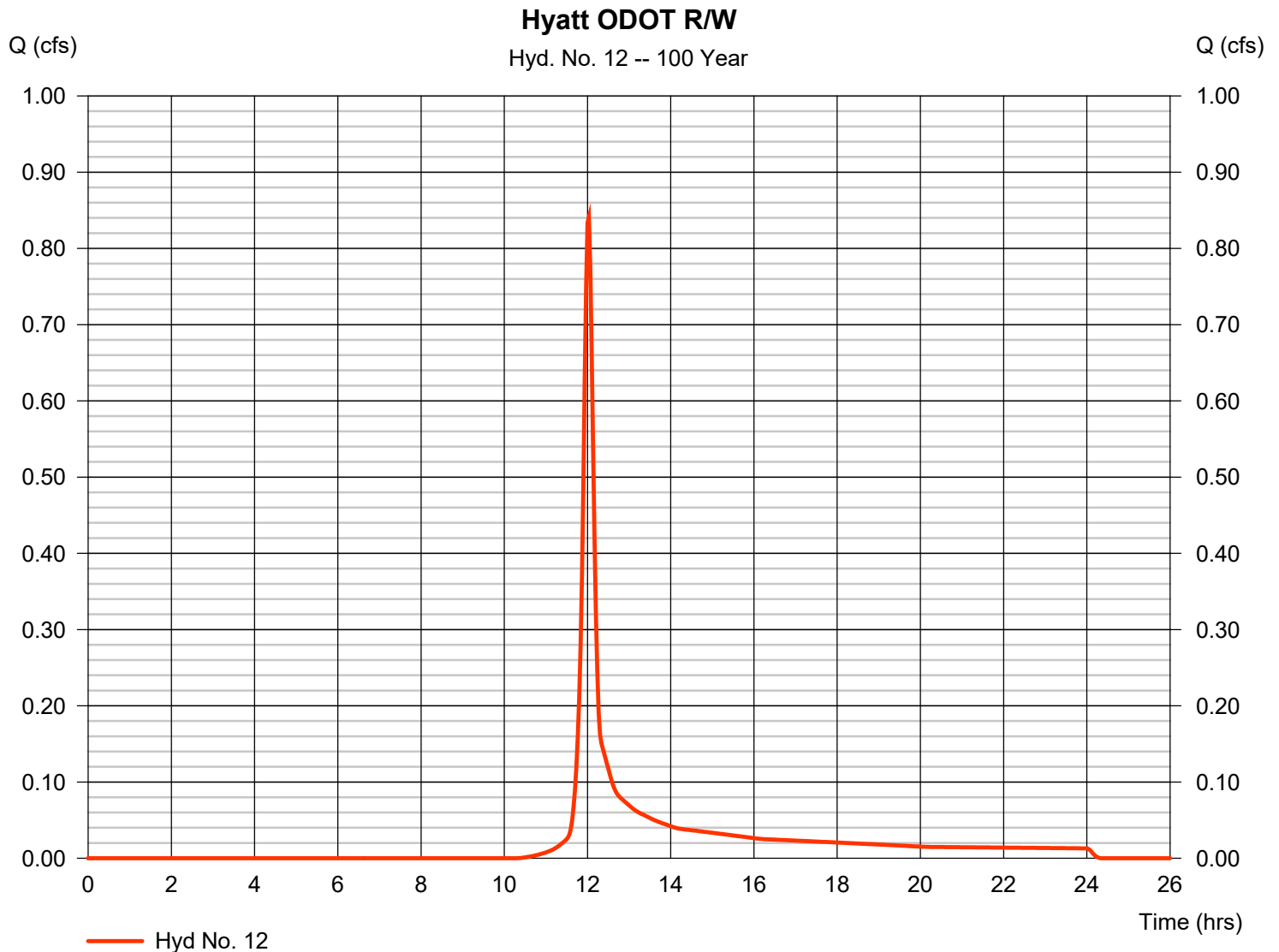


# Hydrograph Report

## Hyd. No. 12

Hyatt ODOT R/W

Hydrograph type	= SCS Runoff	Peak discharge	= 0.841 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 2,216 cuft
Drainage area	= 0.280 ac	Curve number	= 65
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 12.00 min
Total precip.	= 5.67 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484



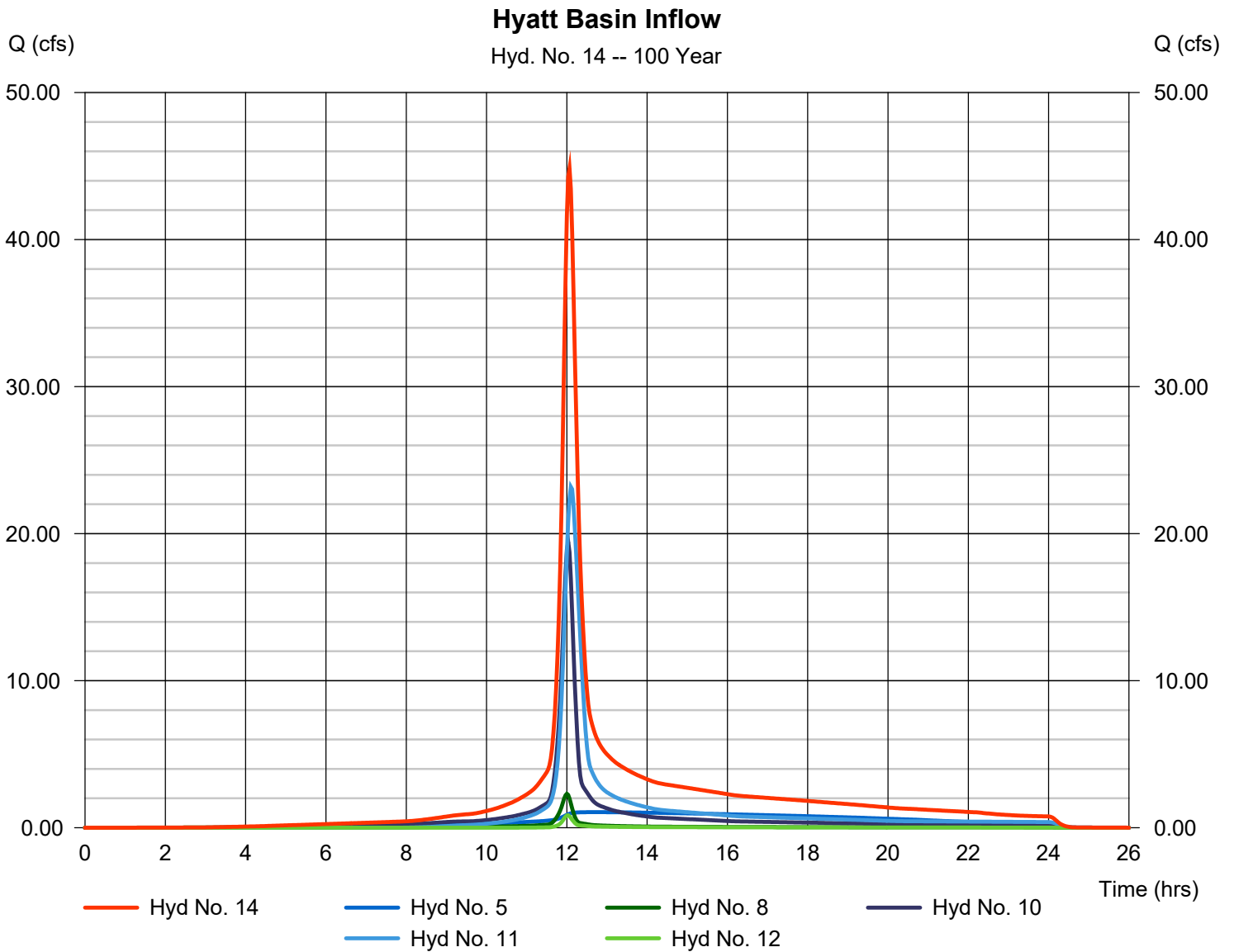
# Hydrograph Report

## Hyd. No. 14

### Hyatt Basin Inflow

Hydrograph type = Combine  
Storm frequency = 100 yrs  
Time interval = 2 min  
Inflow hyds. = 5, 8, 10, 11, 12

Peak discharge = 44.84 cfs  
Time to peak = 12.07 hrs  
Hyd. volume = 184,274 cuft  
Contrib. drain. area = 11.080 ac



# Hydrograph Report

## Hyd. No. 15

### Hyatt Basin Outflow

Hydrograph type	= Reservoir	Peak discharge	= 30.13 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 184,263 cuft
Inflow hyd. No.	= 14 - Hyatt Basin Inflow	Max. Elevation	= 886.39 ft
Reservoir name	= Hyatt House Pond	Max. Storage	= 59,514 cuft

Storage Indication method used. Wet pond routing start elevation = 883.50 ft.

