

# Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Monday, May 7, 2007

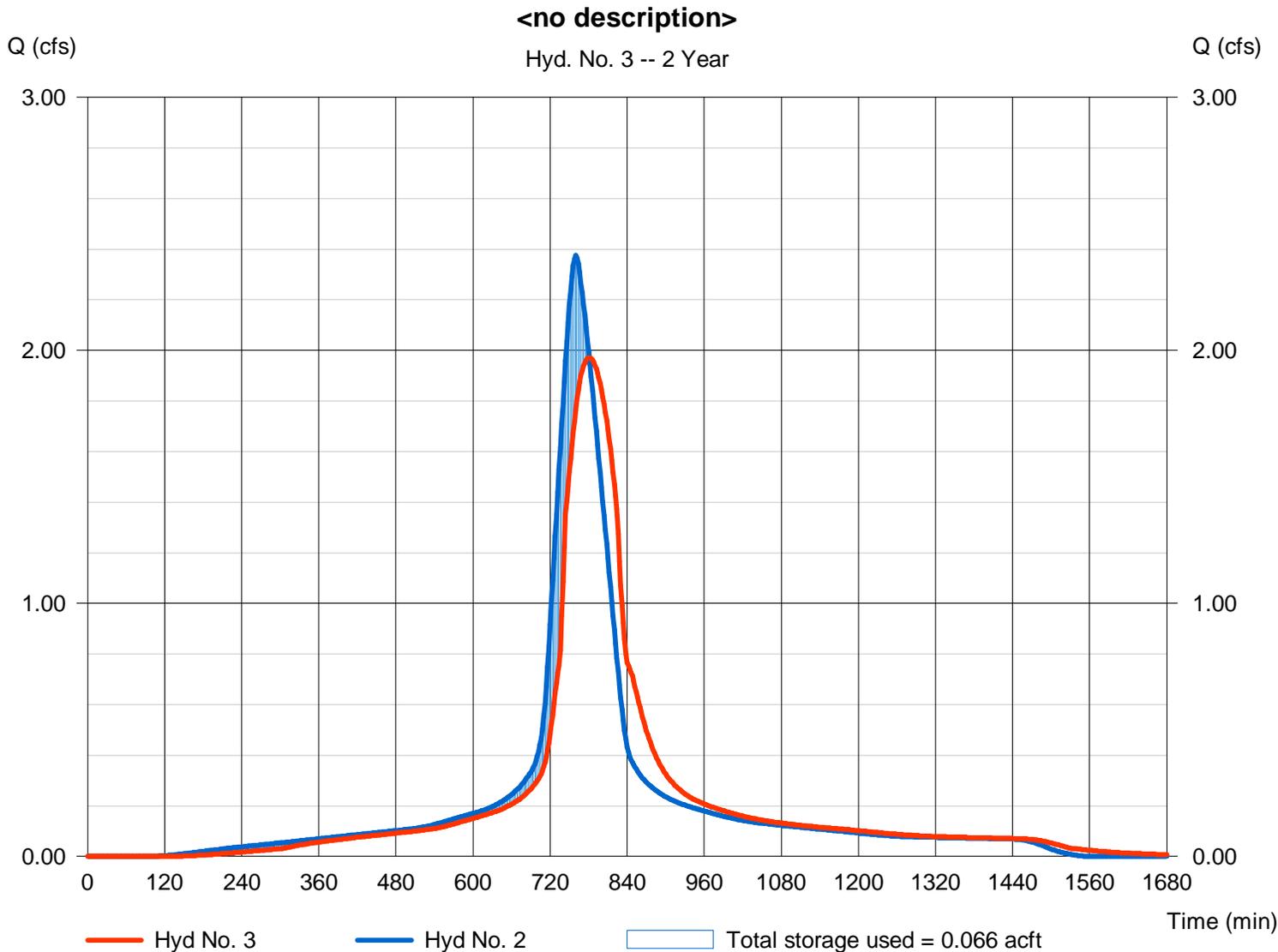
## Hyd. No. 3

<no description>

Hydrograph type = Reservoir  
Storm frequency = 2 yrs  
Time interval = 2 min  
Inflow hyd. No. = 2 - Easy Credit Prop  
Reservoir name = prop det

Peak discharge = 1.971 cfs  
Time to peak = 780 min  
Hyd. volume = 0.468 acft  
Max. Elevation = 1273.27 ft  
Max. Storage = 0.066 acft

Storage Indication method used.



# Pond Report

Hydraflow Hydrographs by Intelisolve v9.02

Monday, May 7, 2007

## Pond No. 1 - prop det

### Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Beginning Elevation = 1272.00 ft

### Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (acft)	Total storage (acft)
0.00	1272.00	1,050	0.000	0.000
1.00	1273.00	2,834	0.043	0.043
2.00	1274.00	4,746	0.086	0.129
3.00	1275.00	7,076	0.135	0.264

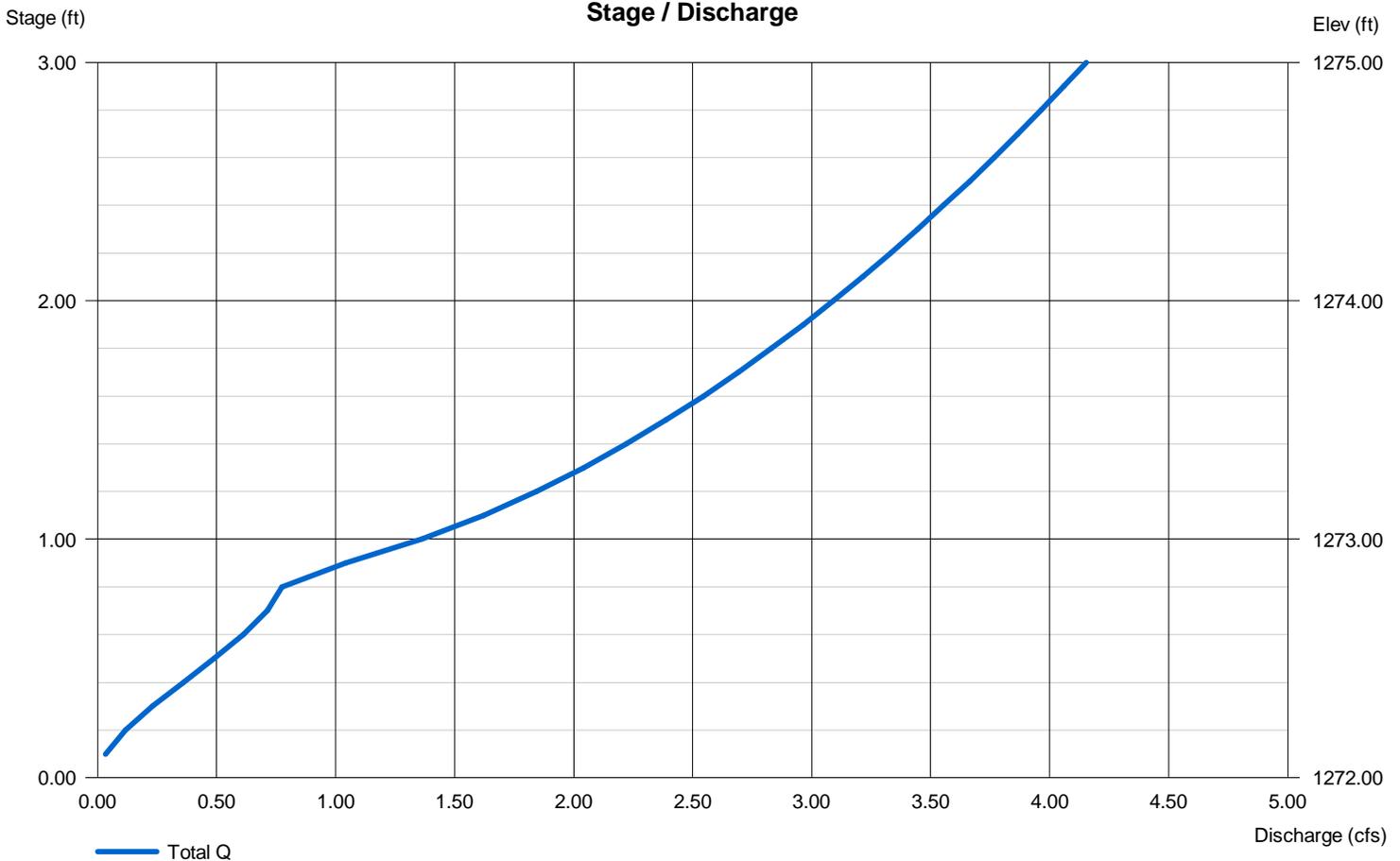
### Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 10.00	0.00	0.00	0.00
Span (in)	= 10.00	0.00	0.00	0.00
No. Barrels	= 1	0	0	0
Invert El. (ft)	= 1272.00	0.00	0.00	0.00
Length (ft)	= 25.00	0.00	0.00	0.00
Slope (%)	= 0.30	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	No	No	No

### Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 0.00	0.00	0.00	0.00
Crest El. (ft)	= 0.00	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Contour)			
TW Elev. (ft)	= 0.00			

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.



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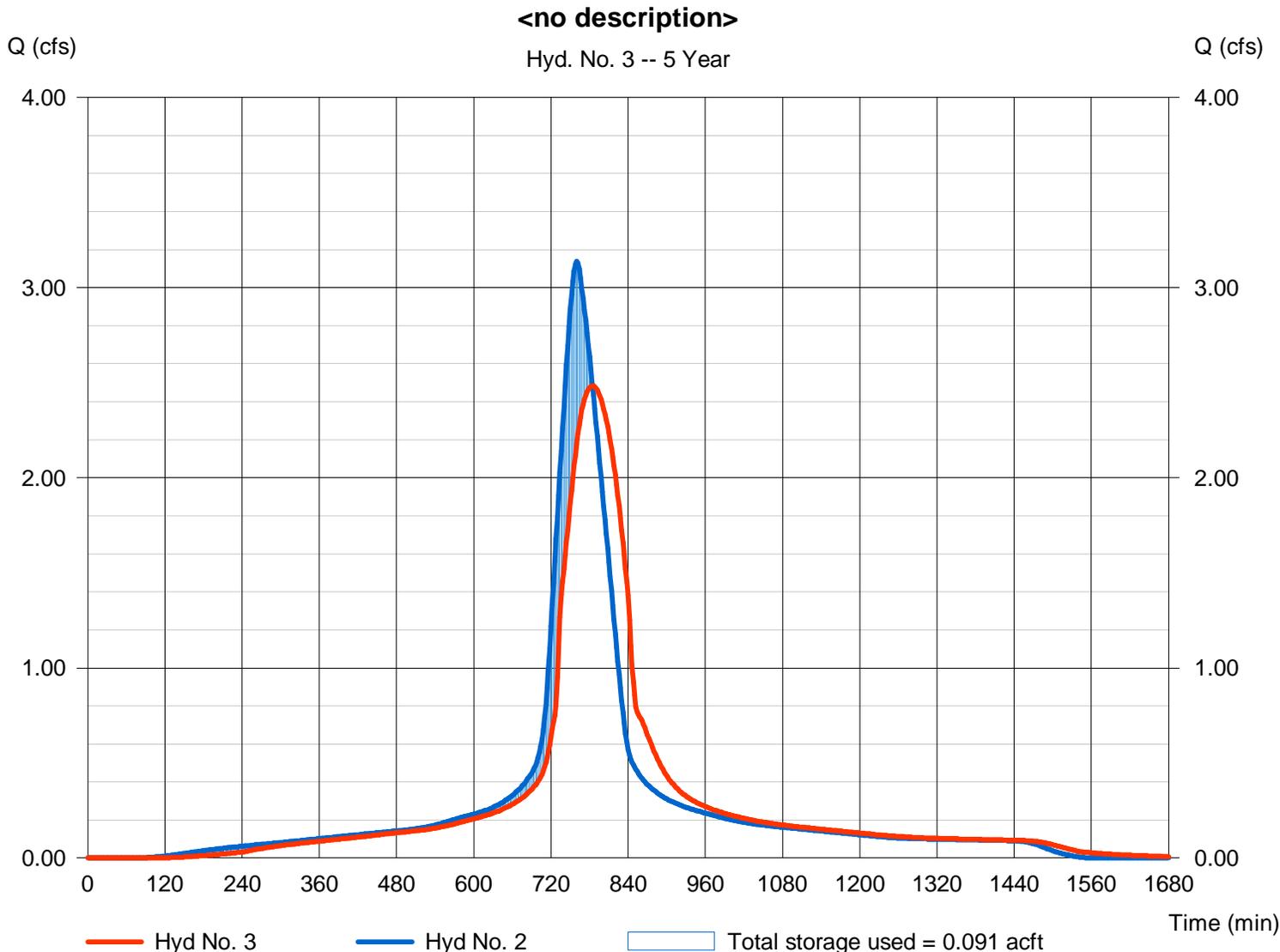
## Hyd. No. 3

<no description>

Hydrograph type = Reservoir  
Storm frequency = 5 yrs  
Time interval = 2 min  
Inflow hyd. No. = 2 - Easy Credit Prop  
Reservoir name = prop det

Peak discharge = 2.483 cfs  
Time to peak = 784 min  
Hyd. volume = 0.625 acft  
Max. Elevation = 1273.56 ft  
Max. Storage = 0.091 acft

Storage Indication method used.



# Pond Report

Hydraflow Hydrographs by Intelisolve v9.02

Monday, May 7, 2007

## Pond No. 1 - prop det

### Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Beginning Elevation = 1272.00 ft

### Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (acft)	Total storage (acft)
0.00	1272.00	1,050	0.000	0.000
1.00	1273.00	2,834	0.043	0.043
2.00	1274.00	4,746	0.086	0.129
3.00	1275.00	7,076	0.135	0.264

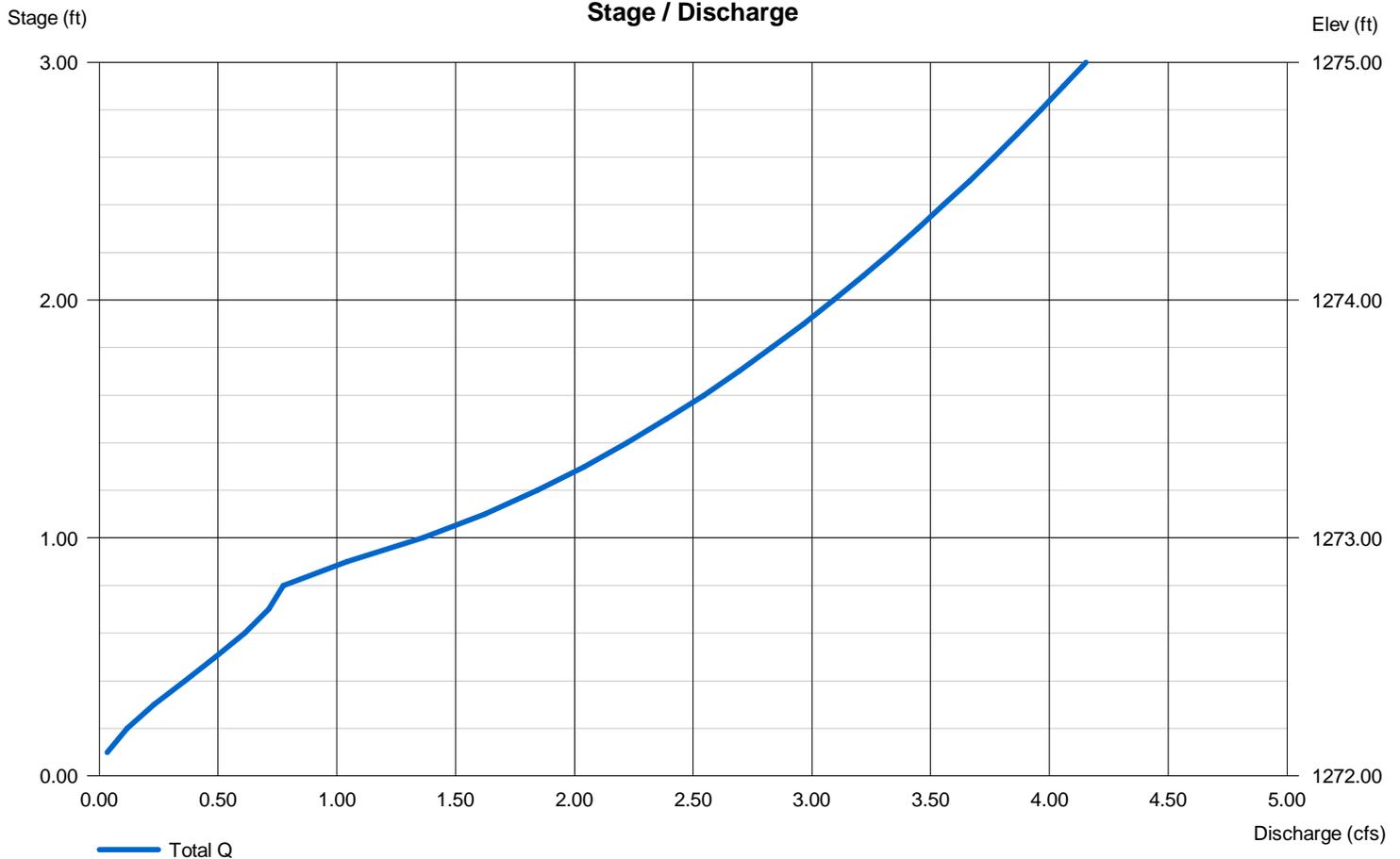
### Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 10.00	0.00	0.00	0.00
Span (in)	= 10.00	0.00	0.00	0.00
No. Barrels	= 1	0	0	0
Invert El. (ft)	= 1272.00	0.00	0.00	0.00
Length (ft)	= 25.00	0.00	0.00	0.00
Slope (%)	= 0.30	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	No	No	No

### Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 0.00	0.00	0.00	0.00
Crest El. (ft)	= 0.00	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Contour)			
TW Elev. (ft)	= 0.00			

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.



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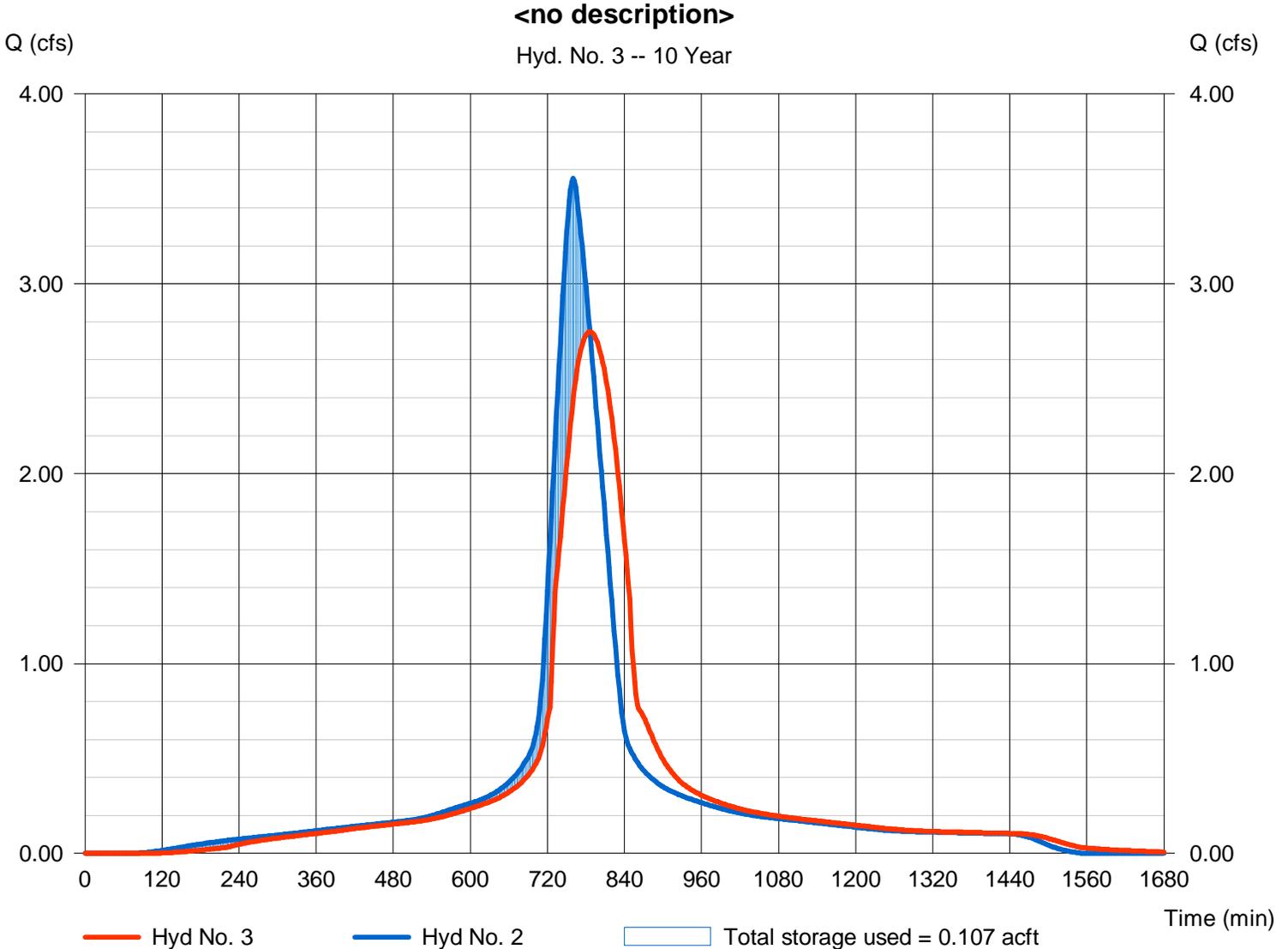
## Hyd. No. 3

<no description>

Hydrograph type = Reservoir  
Storm frequency = 10 yrs  
Time interval = 2 min  
Inflow hyd. No. = 2 - Easy Credit Prop  
Reservoir name = prop det

Peak discharge = 2.748 cfs  
Time to peak = 786 min  
Hyd. volume = 0.711 acft  
Max. Elevation = 1273.74 ft  
Max. Storage = 0.107 acft

Storage Indication method used.



## Pond No. 1 - prop det

### Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Beginning Elevation = 1272.00 ft

### Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (acft)	Total storage (acft)
0.00	1272.00	1,050	0.000	0.000
1.00	1273.00	2,834	0.043	0.043
2.00	1274.00	4,746	0.086	0.129
3.00	1275.00	7,076	0.135	0.264

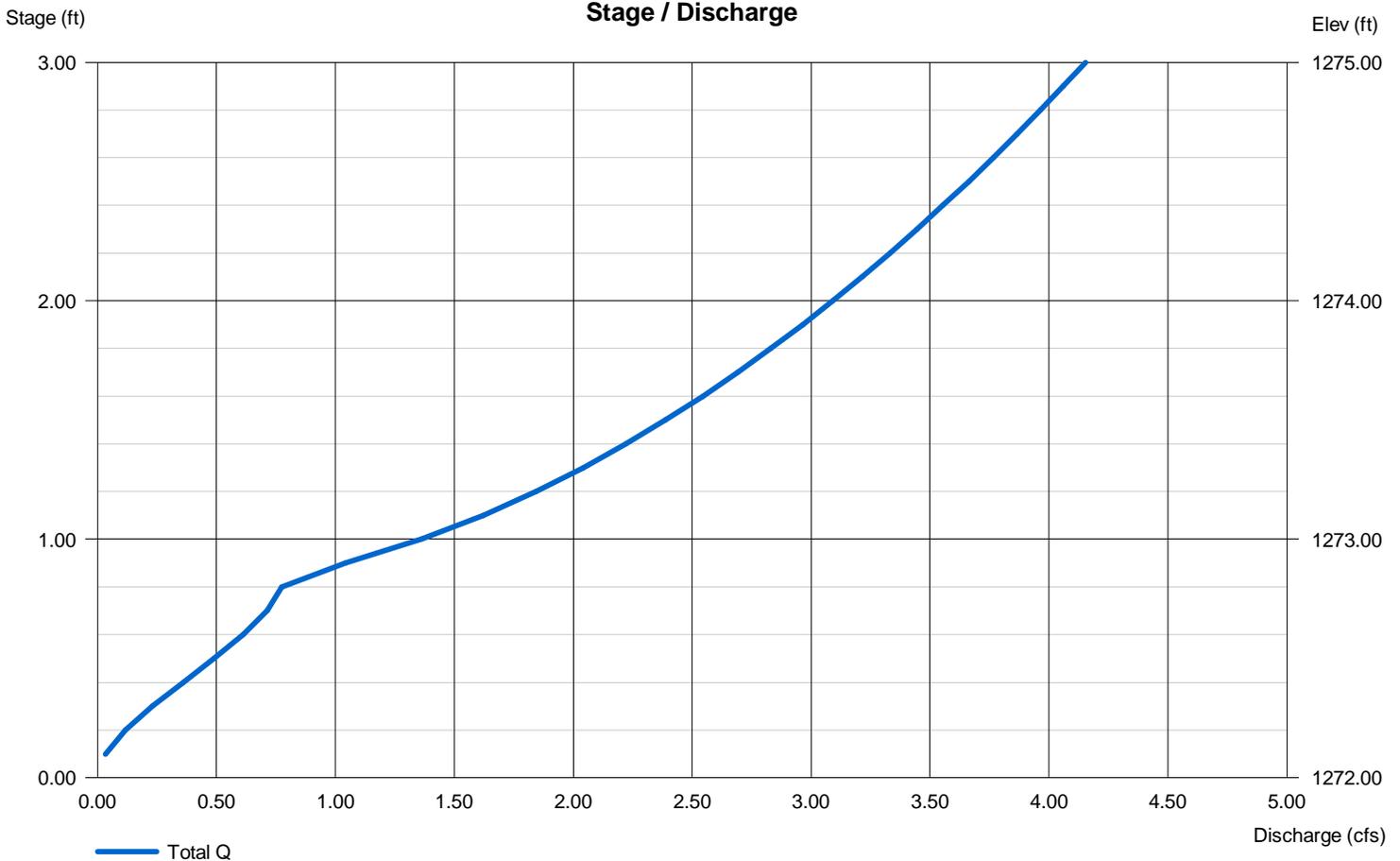
### Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 10.00	0.00	0.00	0.00
Span (in)	= 10.00	0.00	0.00	0.00
No. Barrels	= 1	0	0	0
Invert El. (ft)	= 1272.00	0.00	0.00	0.00
Length (ft)	= 25.00	0.00	0.00	0.00
Slope (%)	= 0.30	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	No	No	No

### Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 0.00	0.00	0.00	0.00
Crest El. (ft)	= 0.00	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Contour)			
TW Elev. (ft)	= 0.00			

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.



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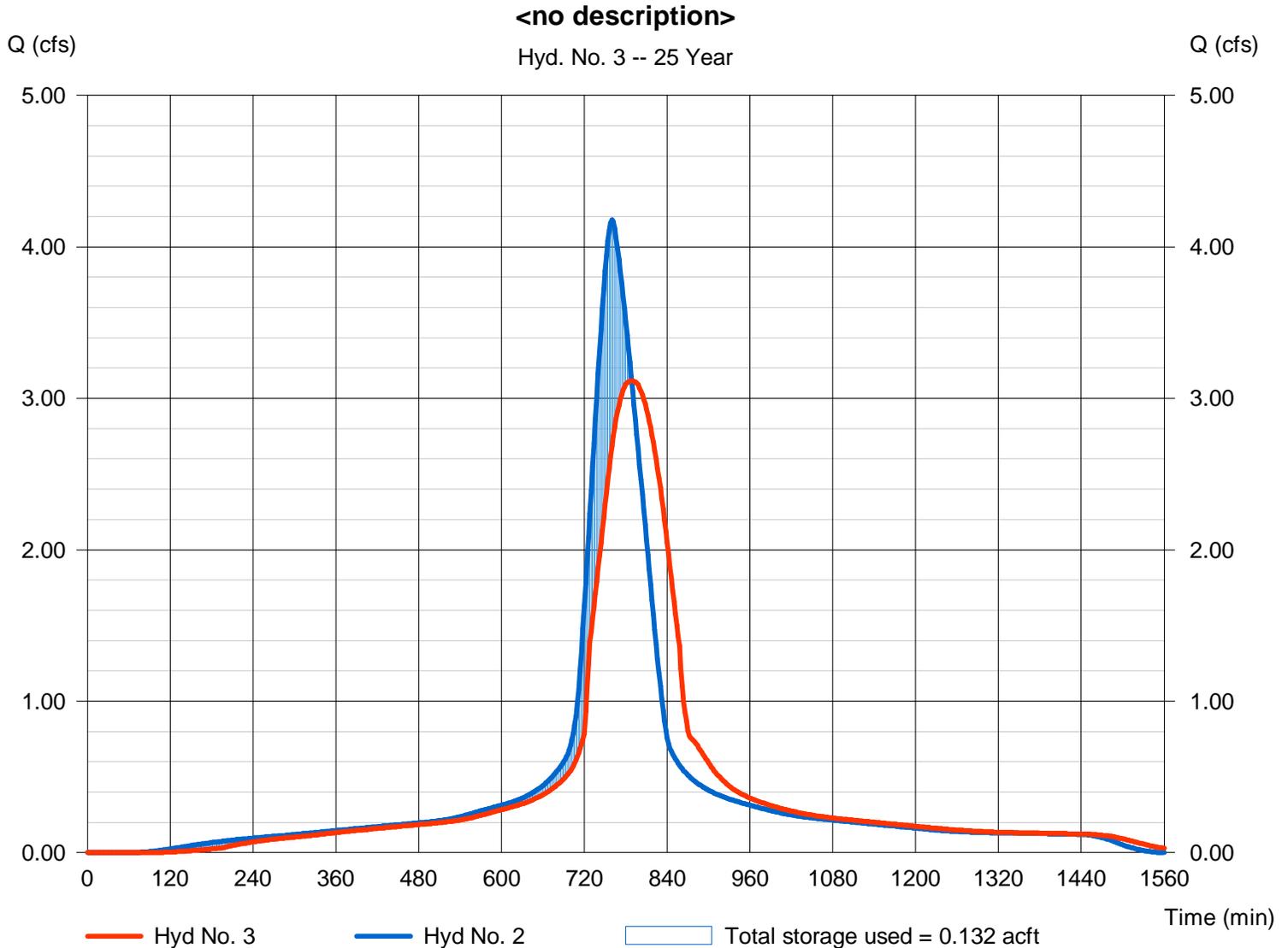
## Hyd. No. 3

<no description>

Hydrograph type = Reservoir  
 Storm frequency = 25 yrs  
 Time interval = 2 min  
 Inflow hyd. No. = 2 - Easy Credit Prop  
 Reservoir name = prop det

Peak discharge = 3.116 cfs  
 Time to peak = 788 min  
 Hyd. volume = 0.840 acft  
 Max. Elevation = 1274.02 ft  
 Max. Storage = 0.132 acft

Storage Indication method used.



# Pond Report

Hydraflow Hydrographs by Intelisolve v9.02

Monday, May 7, 2007

## Pond No. 1 - prop det

### Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Beginning Elevation = 1272.00 ft

### Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (acft)	Total storage (acft)
0.00	1272.00	1,050	0.000	0.000
1.00	1273.00	2,834	0.043	0.043
2.00	1274.00	4,746	0.086	0.129
3.00	1275.00	7,076	0.135	0.264

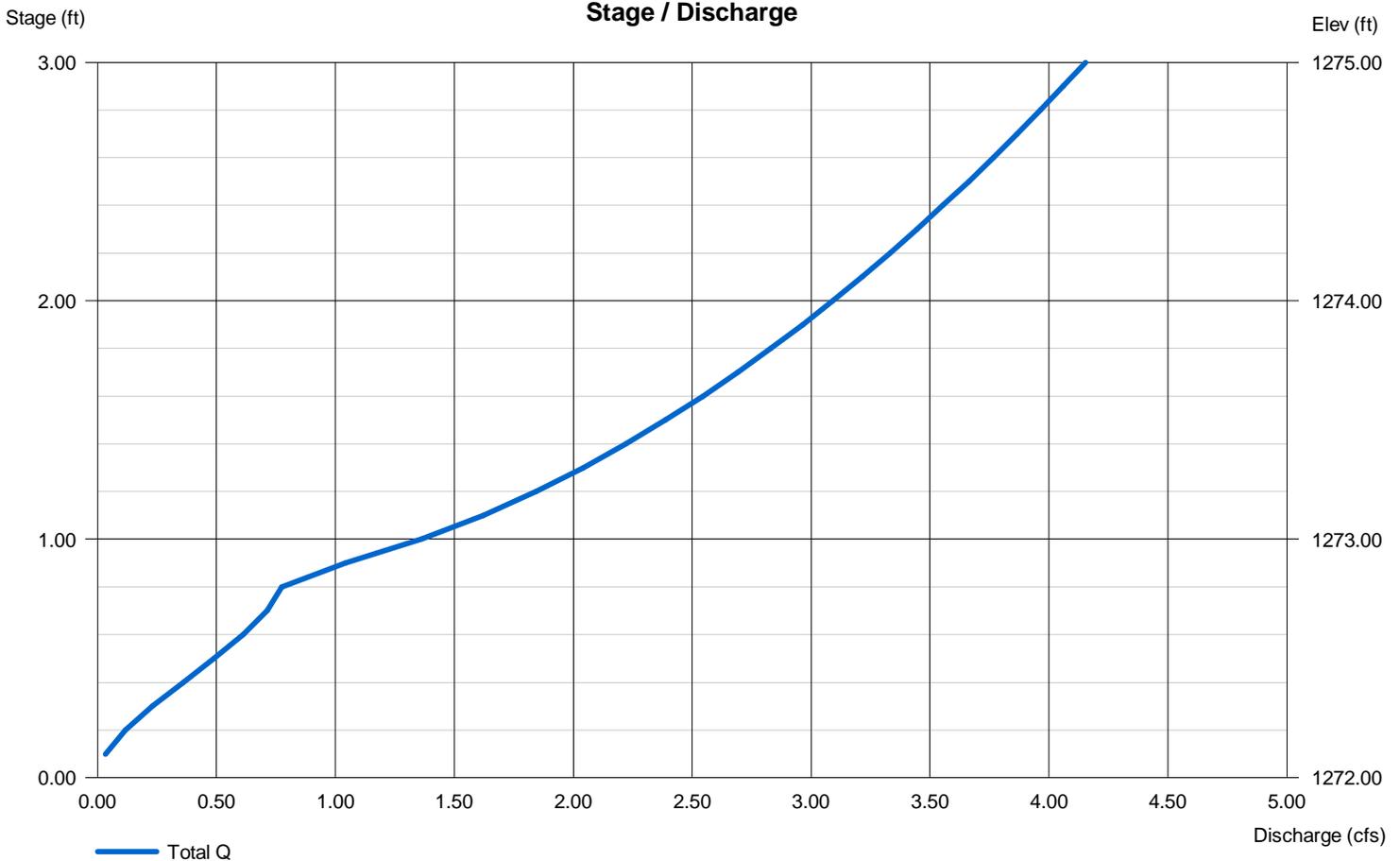
### Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 10.00	0.00	0.00	0.00
Span (in)	= 10.00	0.00	0.00	0.00
No. Barrels	= 1	0	0	0
Invert El. (ft)	= 1272.00	0.00	0.00	0.00
Length (ft)	= 25.00	0.00	0.00	0.00
Slope (%)	= 0.30	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	No	No	No

### Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 0.00	0.00	0.00	0.00
Crest El. (ft)	= 0.00	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Contour)			
TW Elev. (ft)	= 0.00			

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.



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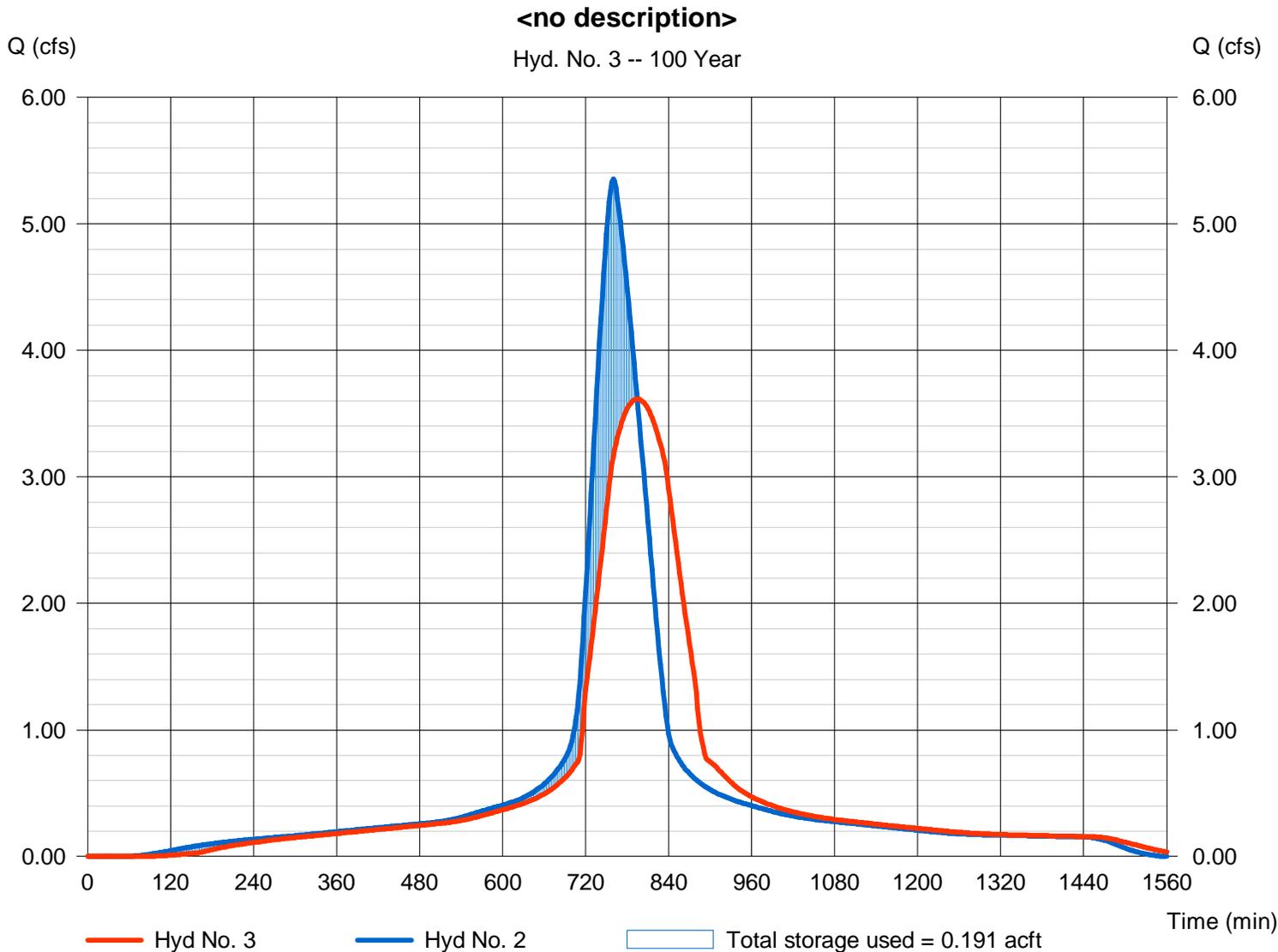
## Hyd. No. 3

<no description>

Hydrograph type = Reservoir  
 Storm frequency = 100 yrs  
 Time interval = 2 min  
 Inflow hyd. No. = 2 - Easy Credit Prop  
 Reservoir name = prop det

Peak discharge = 3.616 cfs  
 Time to peak = 794 min  
 Hyd. volume = 1.084 acft  
 Max. Elevation = 1274.46 ft  
 Max. Storage = 0.191 acft

Storage Indication method used.



## Pond No. 1 - prop det

### Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Beginning Elevation = 1272.00 ft

### Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (acft)	Total storage (acft)
0.00	1272.00	1,050	0.000	0.000
1.00	1273.00	2,834	0.043	0.043
2.00	1274.00	4,746	0.086	0.129
3.00	1275.00	7,076	0.135	0.264

### Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 10.00	0.00	0.00	0.00
Span (in)	= 10.00	0.00	0.00	0.00
No. Barrels	= 1	0	0	0
Invert El. (ft)	= 1272.00	0.00	0.00	0.00
Length (ft)	= 25.00	0.00	0.00	0.00
Slope (%)	= 0.30	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	No	No	No

### Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 0.00	0.00	0.00	0.00
Crest El. (ft)	= 0.00	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Contour)			
TW Elev. (ft)	= 0.00			

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.

