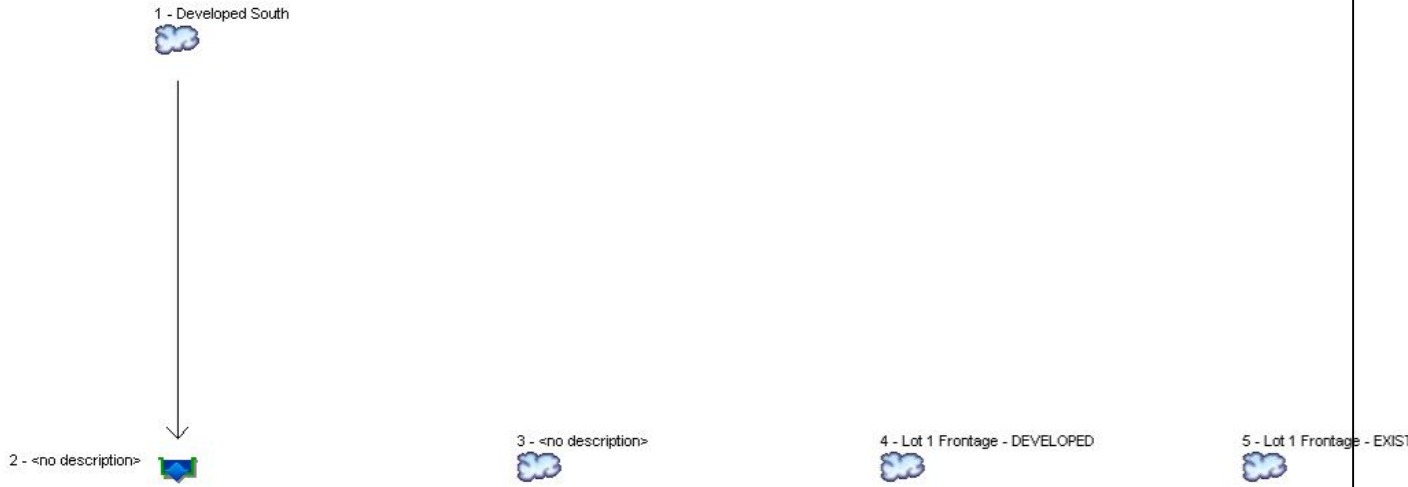


Watershed Model Schematic



Legend

Hyd. Origin	Description
1	SCS Runoff Developed South
2	Reservoir <no description>
3	SCS Runoff <no description>
4	SCS Runoff Lot 1 Frontage - DEVELOPED
5	SCS Runoff Lot 1 Frontage - EXISTING

Hydrograph Return Period Recap

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Inflow Hyd(s)	Peak Outflow (cfs)								Hydrograph description
			1-Yr	2-Yr	3-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	
1	SCS Runoff	-----	-----	34.94	-----	32.22	58.24	-----	-----	93.65	Developed South
2	Reservoir	1	-----	20.50	-----	18.72	36.88	-----	-----	61.06	<no description>
3	SCS Runoff	-----	-----	13.75	-----	11.86	32.14	-----	-----	64.92	<no description>
4	SCS Runoff	-----	-----	9.943	-----	9.168	16.57	-----	-----	26.65	Lot 1 Frontage - DEVELOPED
5	SCS Runoff	-----	-----	10.40	-----	8.965	24.30	-----	-----	49.08	Lot 1 Frontage - EXISTING

Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (acft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (acft)	Hydrograph description
1	SCS Runoff	34.94	2	722	2.267	----	-----	-----	Developed South
2	Reservoir	20.50	2	730	2.267	1	1347.36	0.597	<no description>
3	SCS Runoff	13.75	2	724	0.953	----	-----	-----	<no description>
4	SCS Runoff	9.943	2	722	0.645	----	-----	-----	Lot 1 Frontage - DEVELOPED
5	SCS Runoff	10.40	2	724	0.721	----	-----	-----	Lot 1 Frontage - EXISTING
SPond.gpw					Return Period: 2 Year			Friday, Jun 29, 2007	

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

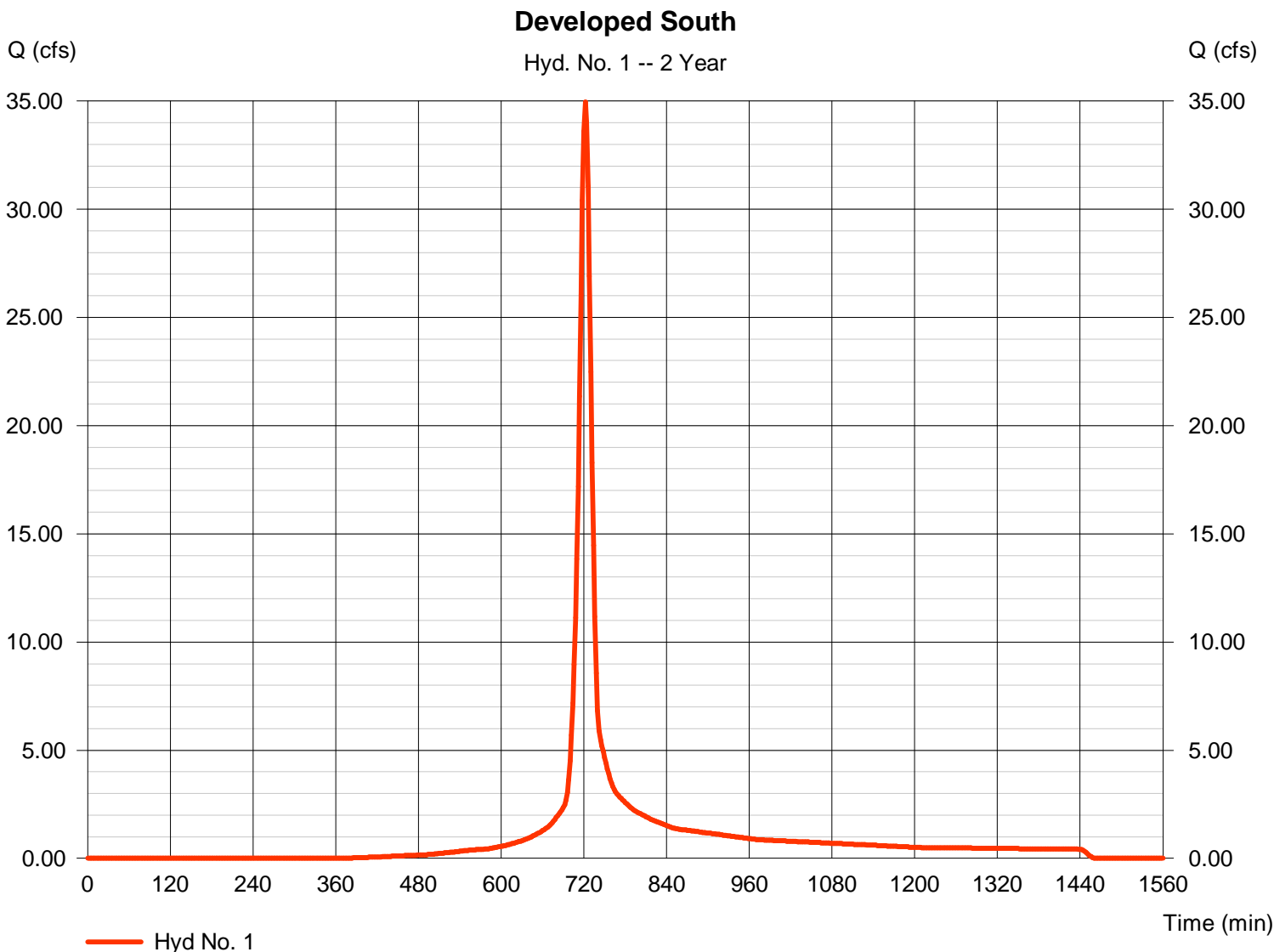
Friday, Jun 29, 2007

Hyd. No. 1

Developed South

Hydrograph type = SCS Runoff
 Storm frequency = 2 yrs
 Time interval = 2 min
 Drainage area = 12.300 ac
 Basin Slope = 0.0 %
 Tc method = USER
 Total precip. = 3.50 in
 Storm duration = 24 hrs

Peak discharge = 34.94 cfs
 Time to peak = 722 min
 Hyd. volume = 2.267 acft
 Curve number = 88
 Hydraulic length = 0 ft
 Time of conc. (Tc) = 15.00 min
 Distribution = Type II
 Shape factor = 484



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

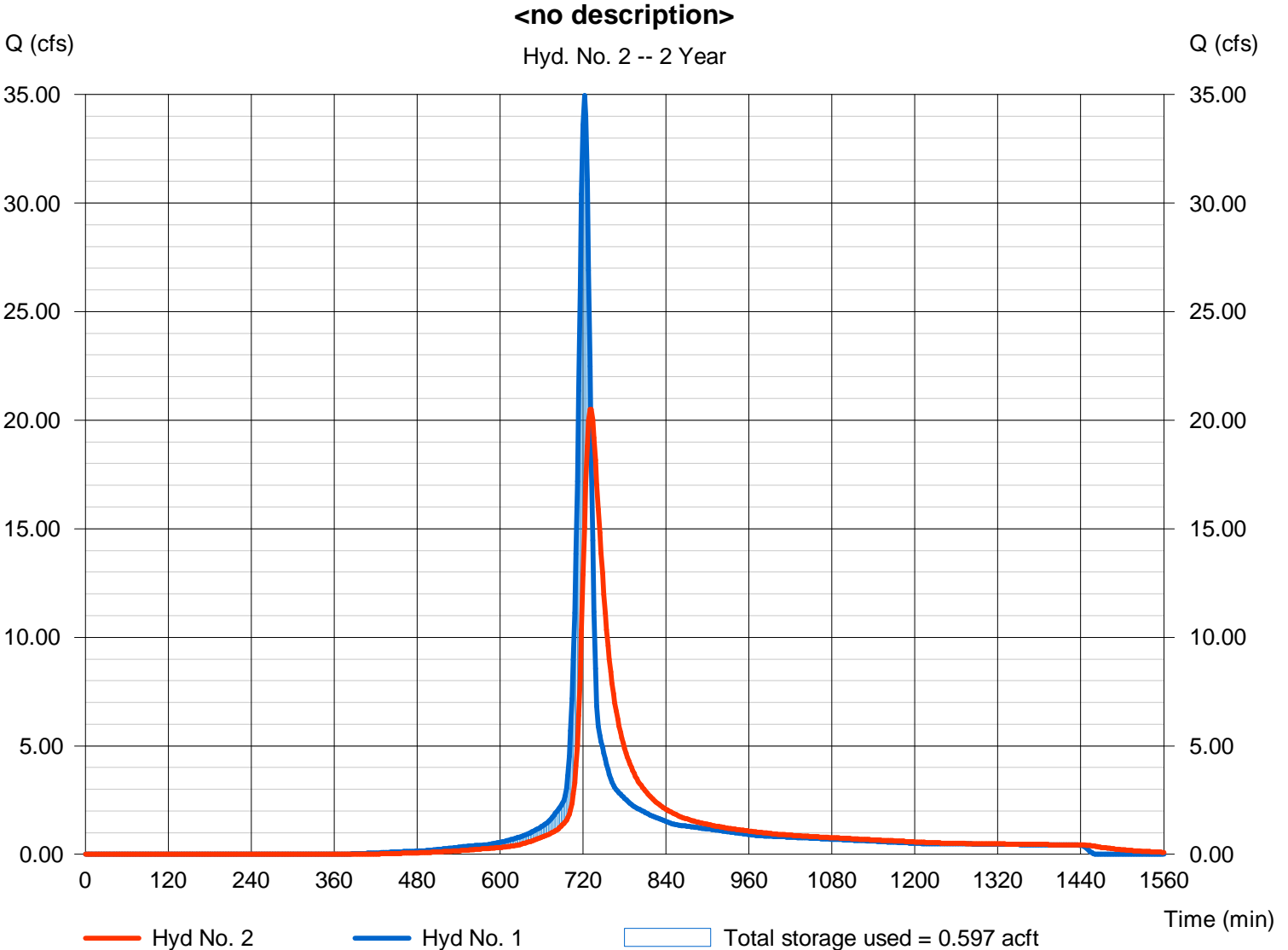
Hyd. No. 2

<no description>

Hydrograph type = Reservoir
Storm frequency = 2 yrs
Time interval = 2 min
Inflow hyd. No. = 1 - Developed South
Reservoir name = <New Pond>

Peak discharge = 20.50 cfs
Time to peak = 730 min
Hyd. volume = 2.267 acft
Max. Elevation = 1347.36 ft
Max. Storage = 0.597 acft

Storage Indication method used.



Pond No. 1 - <New Pond>

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Beginning Elevation = 1346.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (acft)	Total storage (acft)
0.00	1346.00	16,200	0.000	0.000
1.00	1347.00	20,000	0.415	0.415
2.00	1348.00	25,000	0.515	0.930
3.00	1349.00	28,100	0.609	1.539

Culvert / Orifice Structures

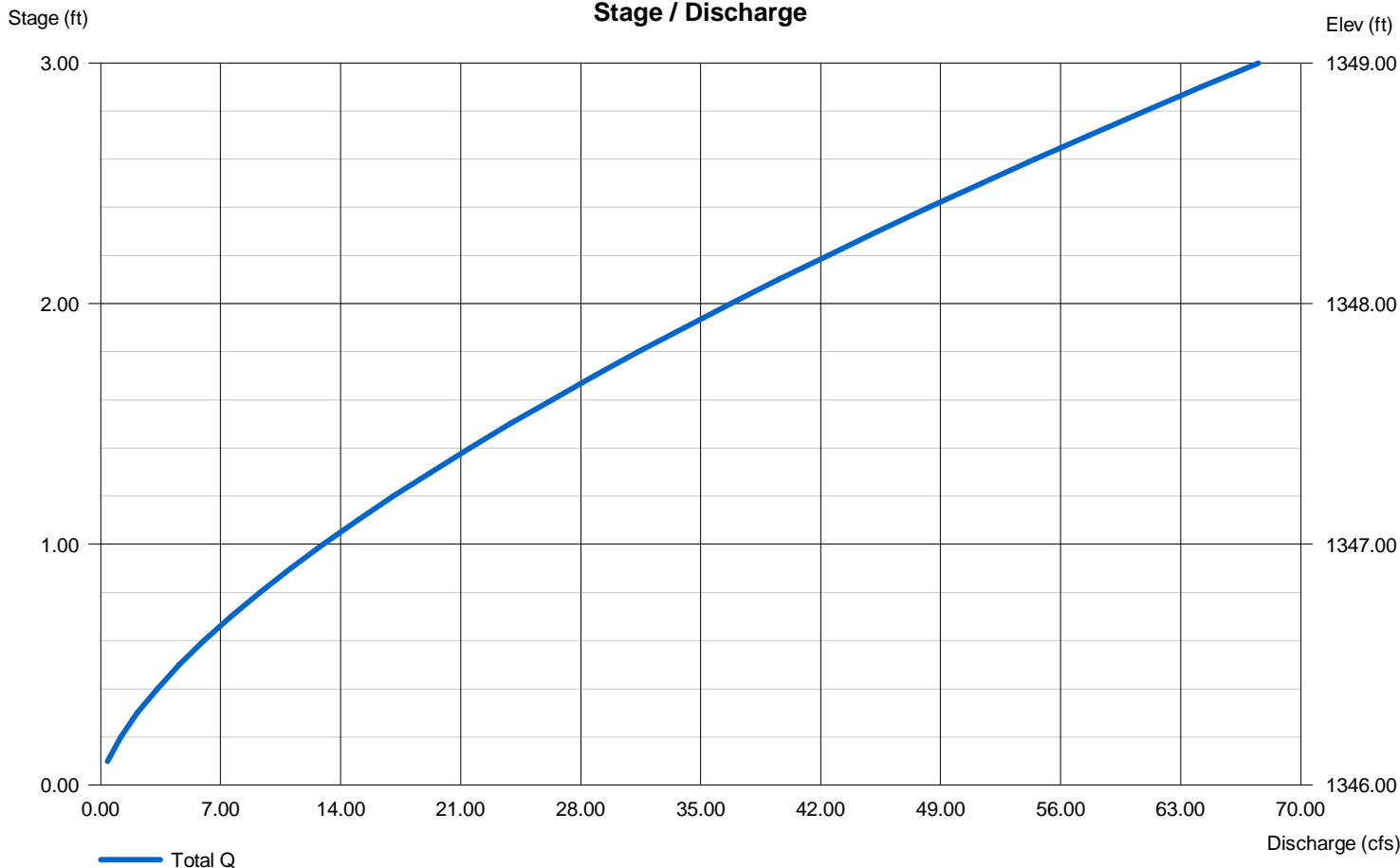
	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 0.00	0.00	0.00	0.00
Span (in)	= 0.00	0.00	0.00	0.00
No. Barrels	= 0	0	0	0
Invert El. (ft)	= 0.00	0.00	0.00	0.00
Length (ft)	= 0.00	0.00	0.00	0.00
Slope (%)	= 0.00	0.00	0.00	n/a
N-Value	= .013	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	No	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 5.00	0.00	0.00	0.00
Crest El. (ft)	= 1346.00	0.00	0.00	0.00
Weir Coeff.	= 2.60	3.33	3.33	3.33
Weir Type	= Broad	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Wet area)			
TW Elev. (ft)	= 0.00			

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

Stage / Discharge



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

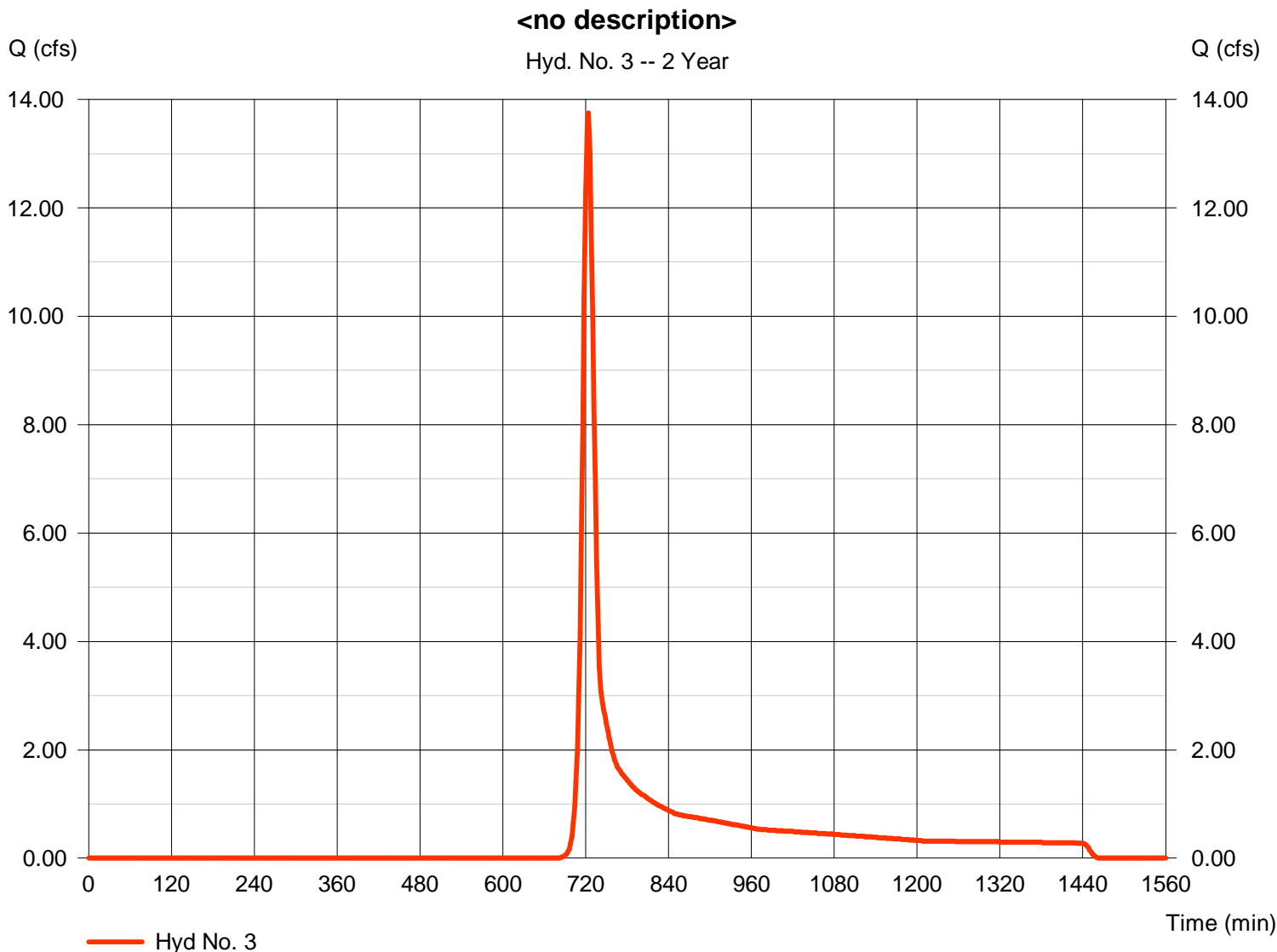
Friday, Jun 29, 2007

Hyd. No. 3

<no description>

Hydrograph type = SCS Runoff
 Storm frequency = 2 yrs
 Time interval = 2 min
 Drainage area = 12.300 ac
 Basin Slope = 0.0 %
 Tc method = USER
 Total precip. = 3.50 in
 Storm duration = 24 hrs

Peak discharge = 13.75 cfs
 Time to peak = 724 min
 Hyd. volume = 0.953 acft
 Curve number = 69
 Hydraulic length = 0 ft
 Time of conc. (Tc) = 15.00 min
 Distribution = Type II
 Shape factor = 484



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

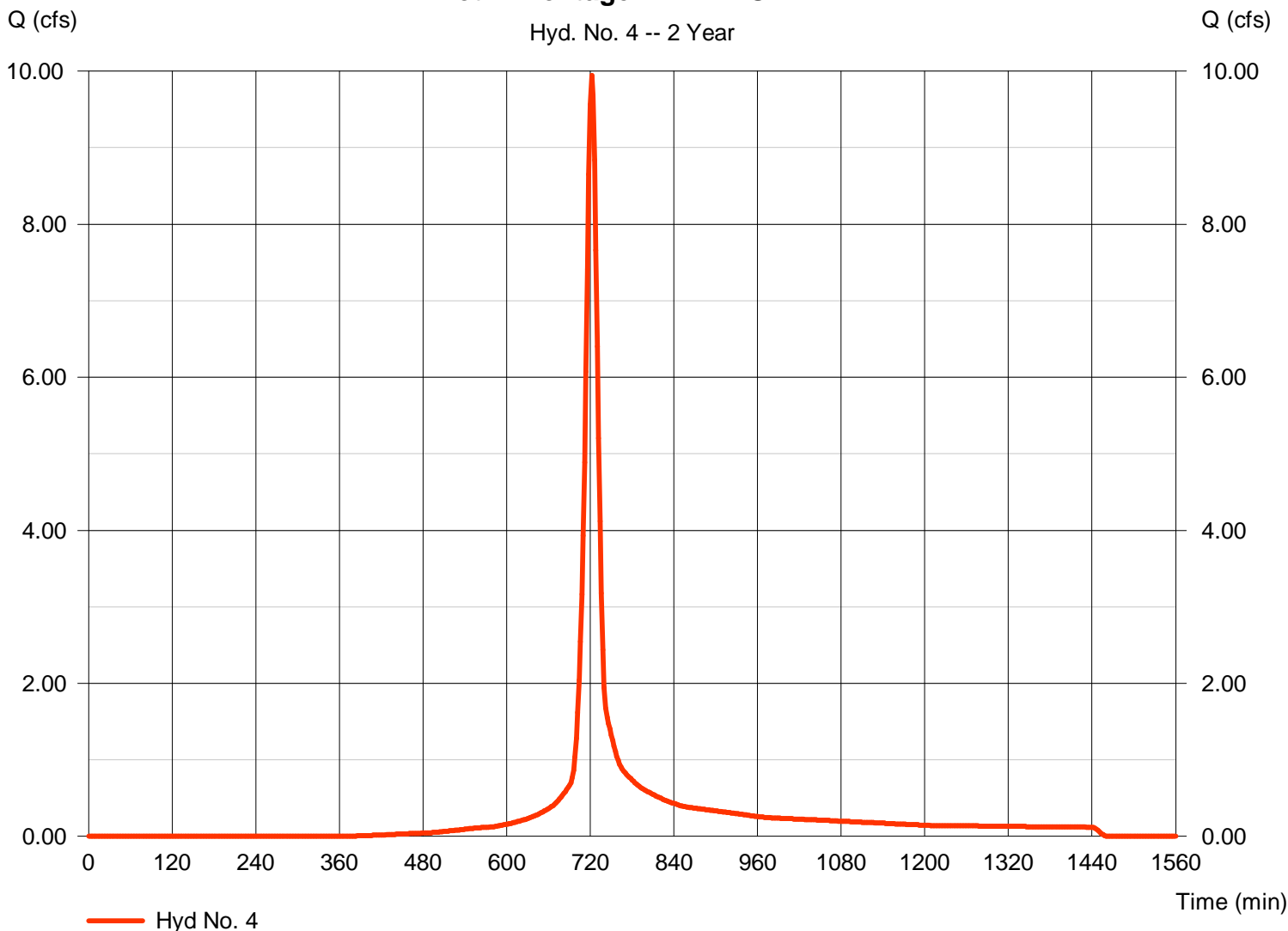
Hyd. No. 4

Lot 1 Frontage - DEVELOPED

Hydrograph type = SCS Runoff
 Storm frequency = 2 yrs
 Time interval = 2 min
 Drainage area = 3.500 ac
 Basin Slope = 0.0 %
 Tc method = USER
 Total precip. = 3.50 in
 Storm duration = 24 hrs

Peak discharge = 9.943 cfs
 Time to peak = 722 min
 Hyd. volume = 0.645 acft
 Curve number = 88
 Hydraulic length = 0 ft
 Time of conc. (Tc) = 15.00 min
 Distribution = Type II
 Shape factor = 484

Lot 1 Frontage - DEVELOPED



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

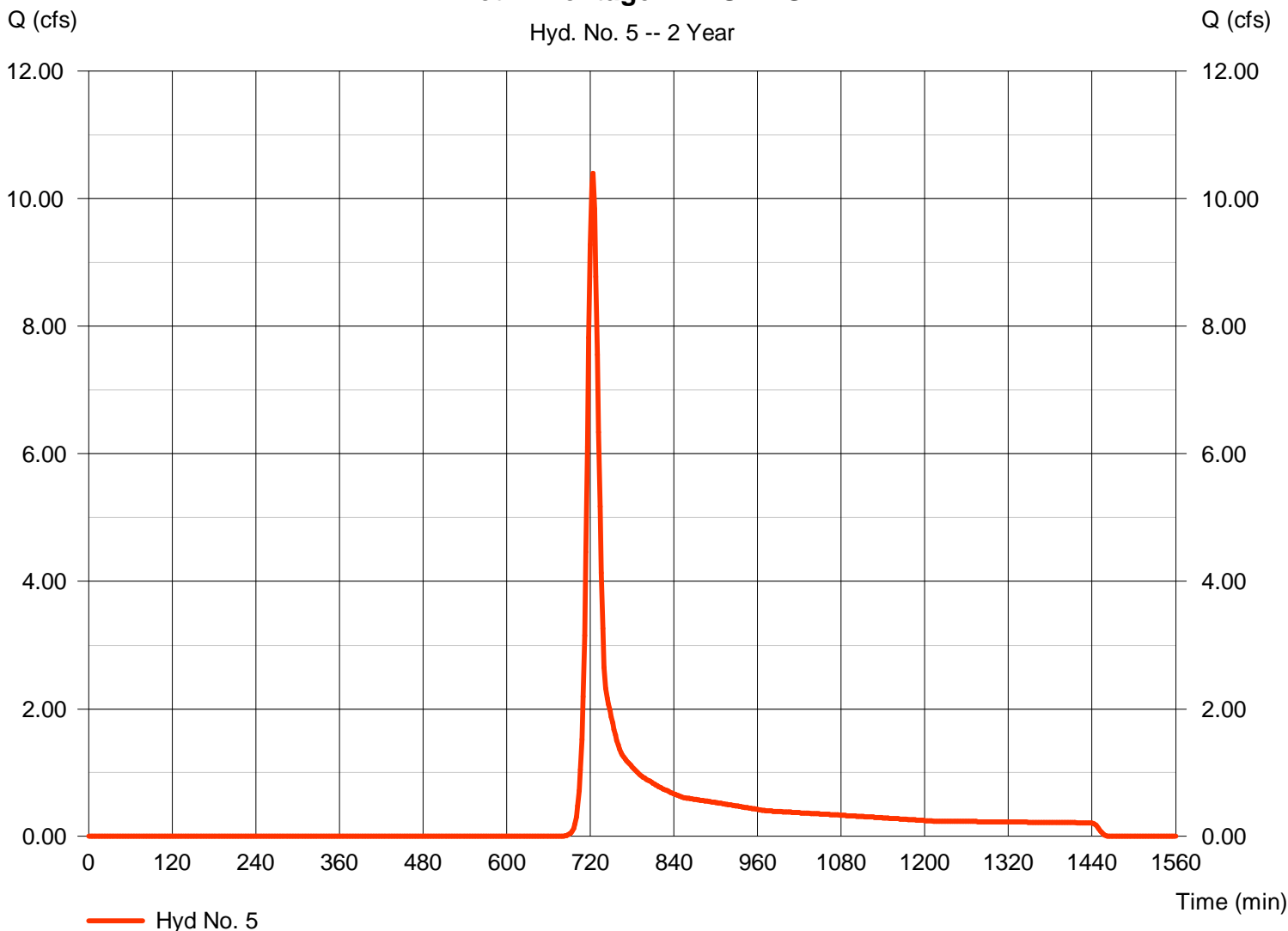
Hyd. No. 5

Lot 1 Frontage - EXISTING

Hydrograph type = SCS Runoff
 Storm frequency = 2 yrs
 Time interval = 2 min
 Drainage area = 9.300 ac
 Basin Slope = 0.0 %
 Tc method = USER
 Total precip. = 3.50 in
 Storm duration = 24 hrs

Peak discharge = 10.40 cfs
 Time to peak = 724 min
 Hyd. volume = 0.721 acft
 Curve number = 69
 Hydraulic length = 0 ft
 Time of conc. (Tc) = 15.00 min
 Distribution = Type II
 Shape factor = 484

Lot 1 Frontage - EXISTING



Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (acft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (acft)	Hydrograph description
1	SCS Runoff	32.22	2	722	2.086	----	-----	-----	Developed South
2	Reservoir	18.72	2	732	2.086	1	1347.28	0.556	<no description>
3	SCS Runoff	11.86	2	724	0.836	----	-----	-----	<no description>
4	SCS Runoff	9.168	2	722	0.594	----	-----	-----	Lot 1 Frontage - DEVELOPED
5	SCS Runoff	8.965	2	724	0.632	----	-----	-----	Lot 1 Frontage - EXISTING
SPond.gpw					Return Period: 5 Year			Friday, Jun 29, 2007	

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

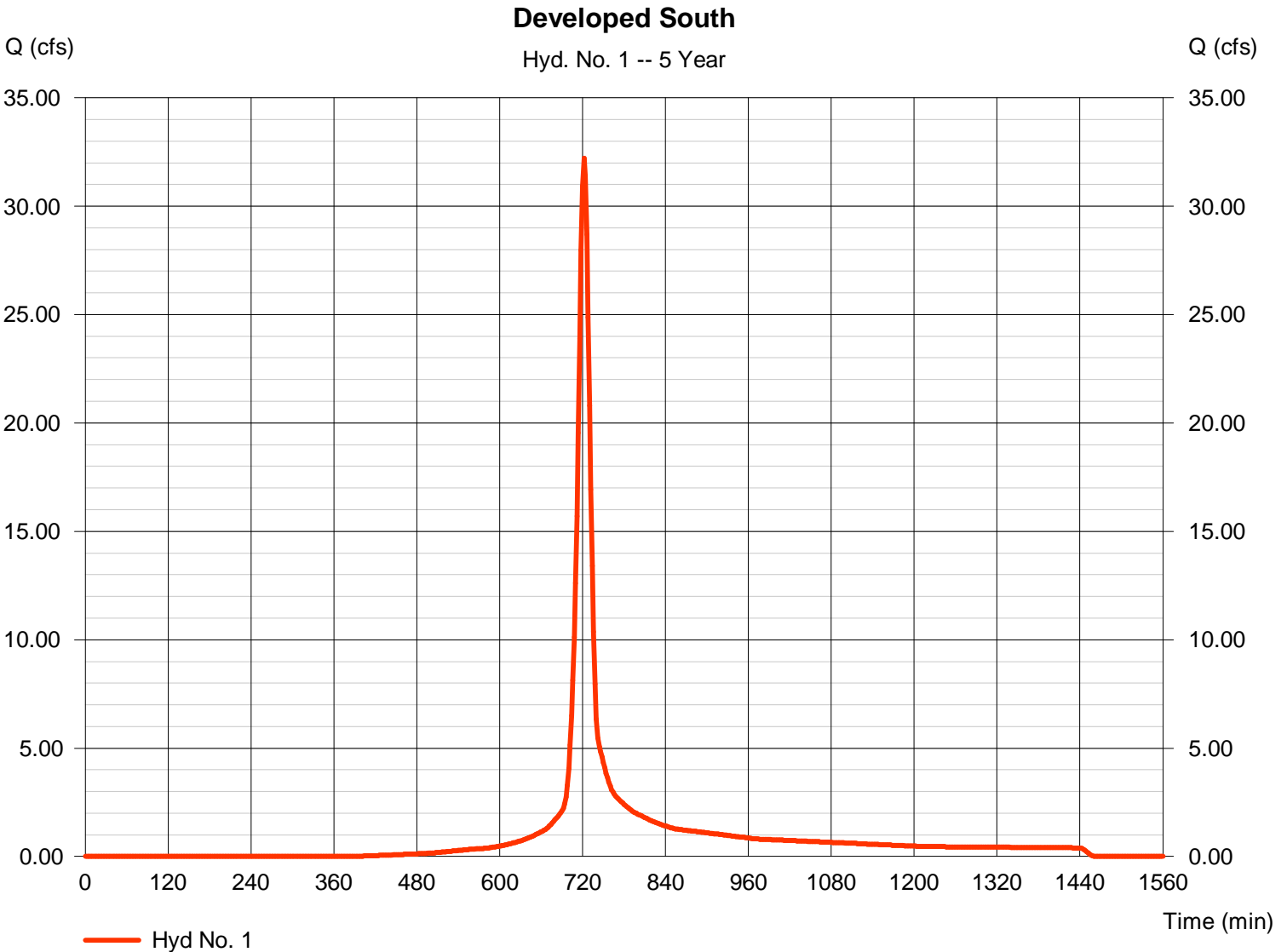
Friday, Jun 29, 2007

Hyd. No. 1

Developed South

Hydrograph type = SCS Runoff
Storm frequency = 5 yrs
Time interval = 2 min
Drainage area = 12.300 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 3.30 in
Storm duration = 24 hrs

Peak discharge = 32.22 cfs
Time to peak = 722 min
Hyd. volume = 2.086 acft
Curve number = 88
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

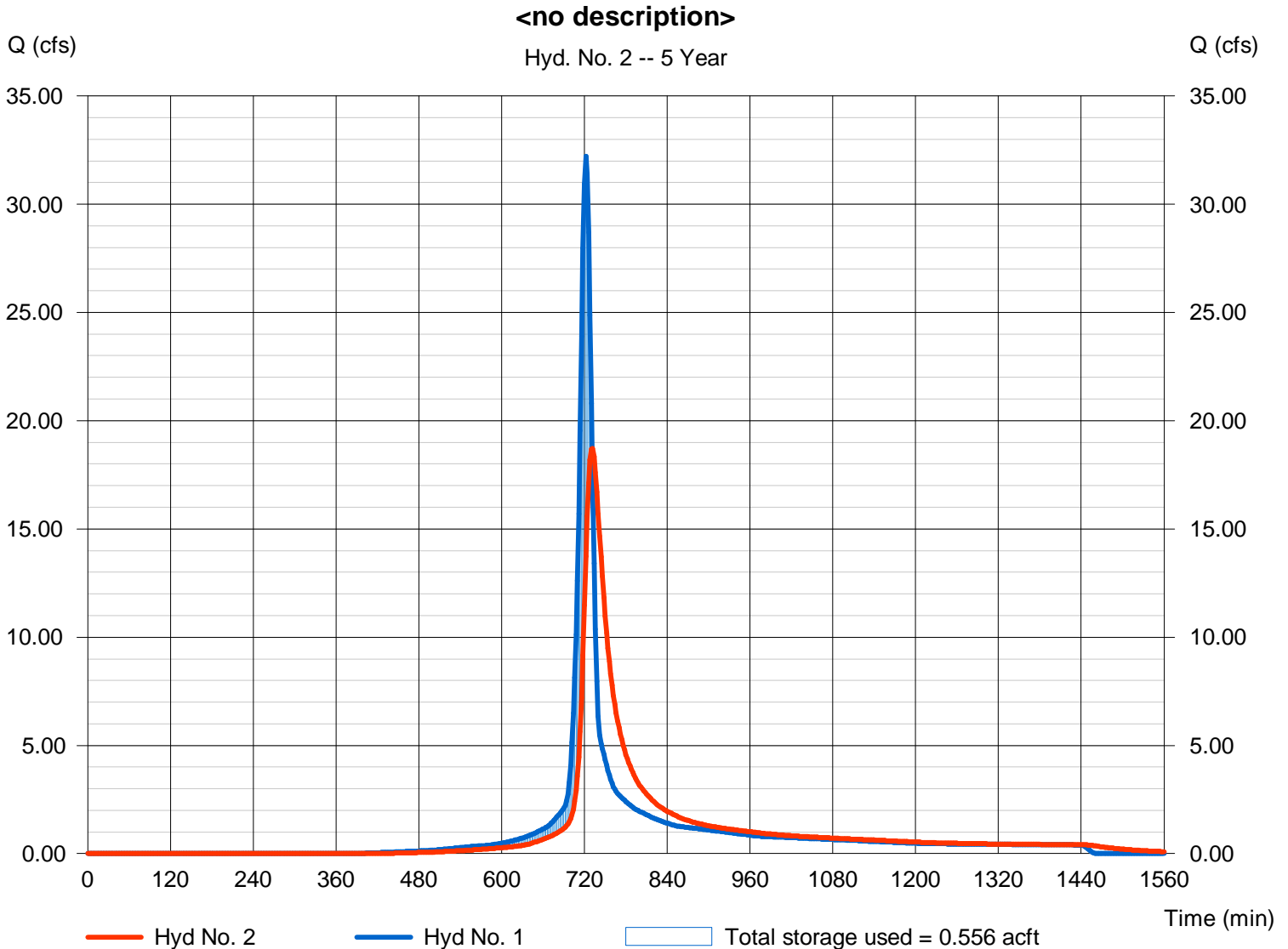
Hyd. No. 2

<no description>

Hydrograph type = Reservoir
Storm frequency = 5 yrs
Time interval = 2 min
Inflow hyd. No. = 1 - Developed South
Reservoir name = <New Pond>

Peak discharge = 18.72 cfs
Time to peak = 732 min
Hyd. volume = 2.086 acft
Max. Elevation = 1347.28 ft
Max. Storage = 0.556 acft

Storage Indication method used.



Pond No. 1 - <New Pond>

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Beginning Elevation = 1346.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (acft)	Total storage (acft)
0.00	1346.00	16,200	0.000	0.000
1.00	1347.00	20,000	0.415	0.415
2.00	1348.00	25,000	0.515	0.930
3.00	1349.00	28,100	0.609	1.539

Culvert / Orifice Structures

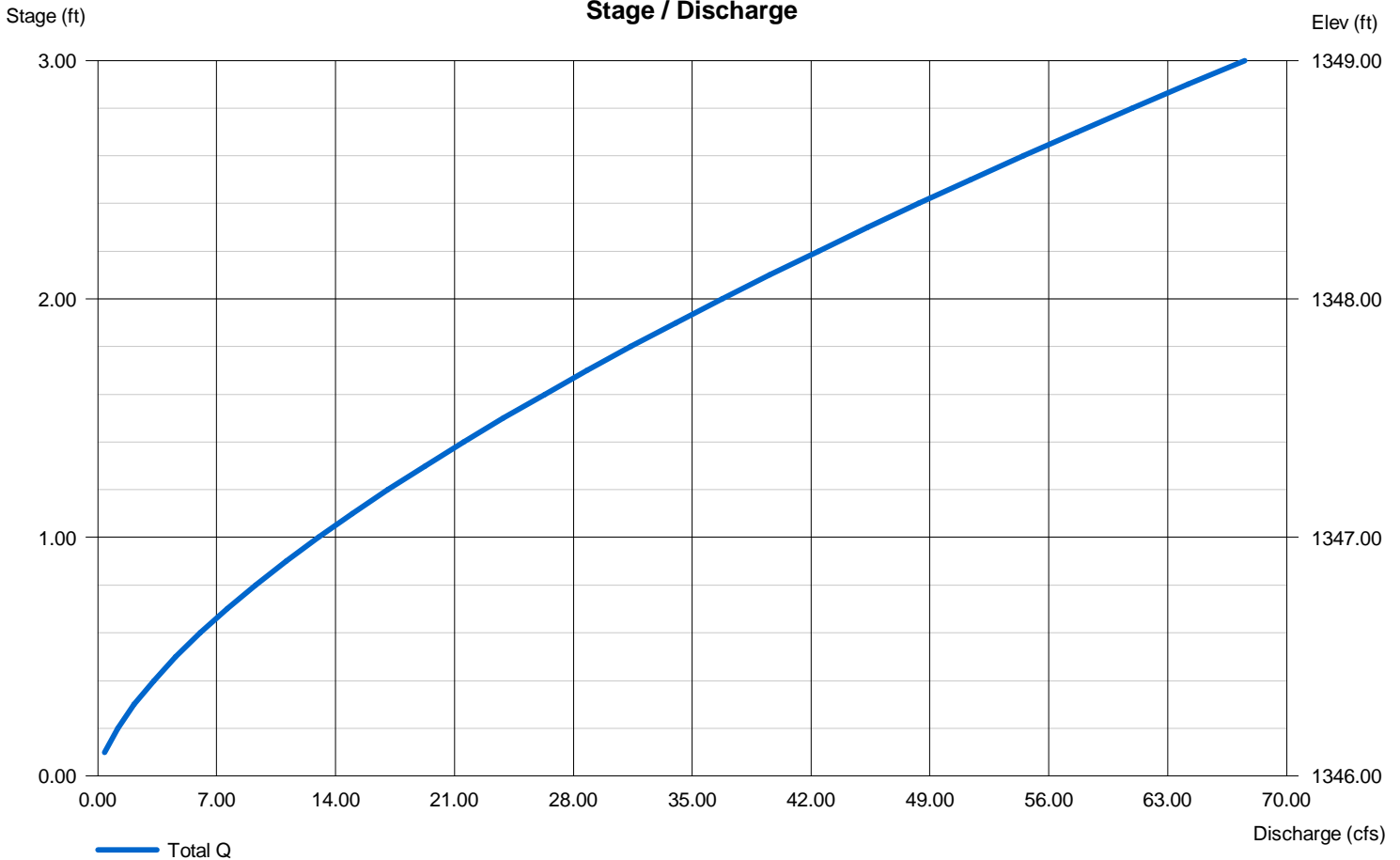
	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 0.00	0.00	0.00	0.00
Span (in)	= 0.00	0.00	0.00	0.00
No. Barrels	= 0	0	0	0
Invert El. (ft)	= 0.00	0.00	0.00	0.00
Length (ft)	= 0.00	0.00	0.00	0.00
Slope (%)	= 0.00	0.00	0.00	n/a
N-Value	= .013	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	No	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 5.00	0.00	0.00	0.00
Crest El. (ft)	= 1346.00	0.00	0.00	0.00
Weir Coeff.	= 2.60	3.33	3.33	3.33
Weir Type	= Broad	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Wet area)			
TW Elev. (ft)	= 0.00			

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

Stage / Discharge



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

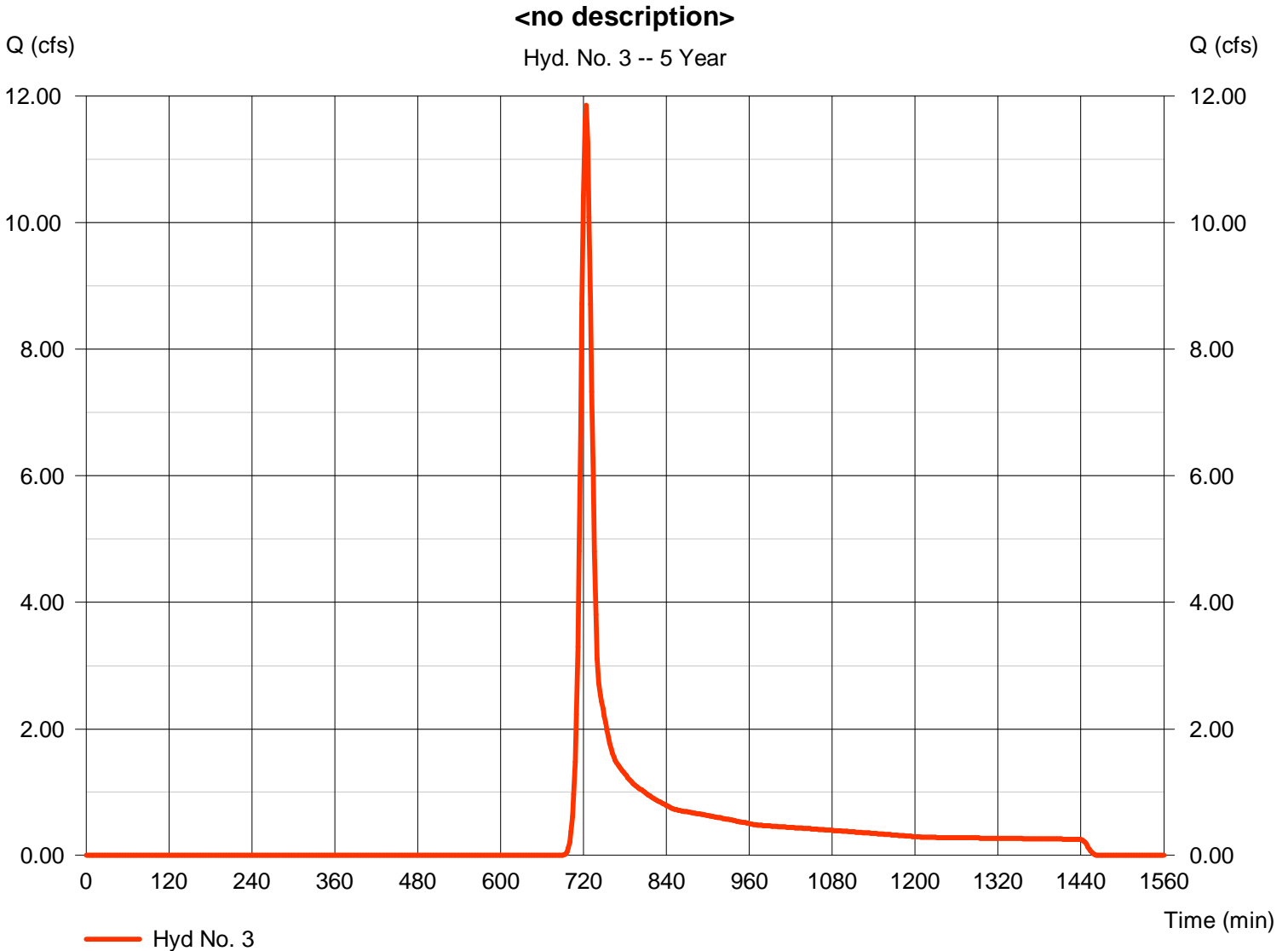
Friday, Jun 29, 2007

Hyd. No. 3

<no description>

Hydrograph type = SCS Runoff
Storm frequency = 5 yrs
Time interval = 2 min
Drainage area = 12.300 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 3.30 in
Storm duration = 24 hrs

Peak discharge = 11.86 cfs
Time to peak = 724 min
Hyd. volume = 0.836 acft
Curve number = 69
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

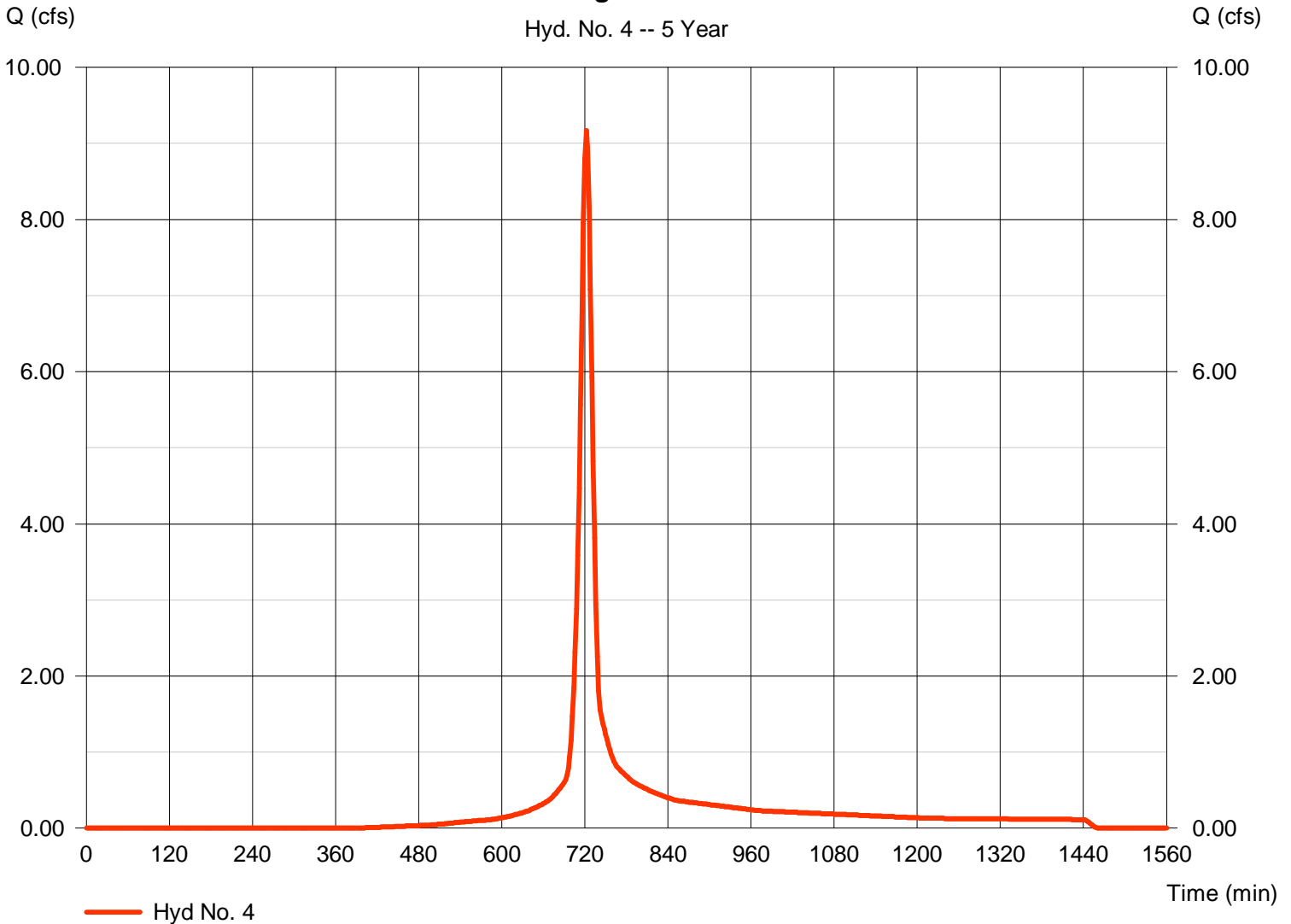
Hyd. No. 4

Lot 1 Frontage - DEVELOPED

Hydrograph type = SCS Runoff
Storm frequency = 5 yrs
Time interval = 2 min
Drainage area = 3.500 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 3.30 in
Storm duration = 24 hrs

Peak discharge = 9.168 cfs
Time to peak = 722 min
Hyd. volume = 0.594 acft
Curve number = 88
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484

Lot 1 Frontage - DEVELOPED



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

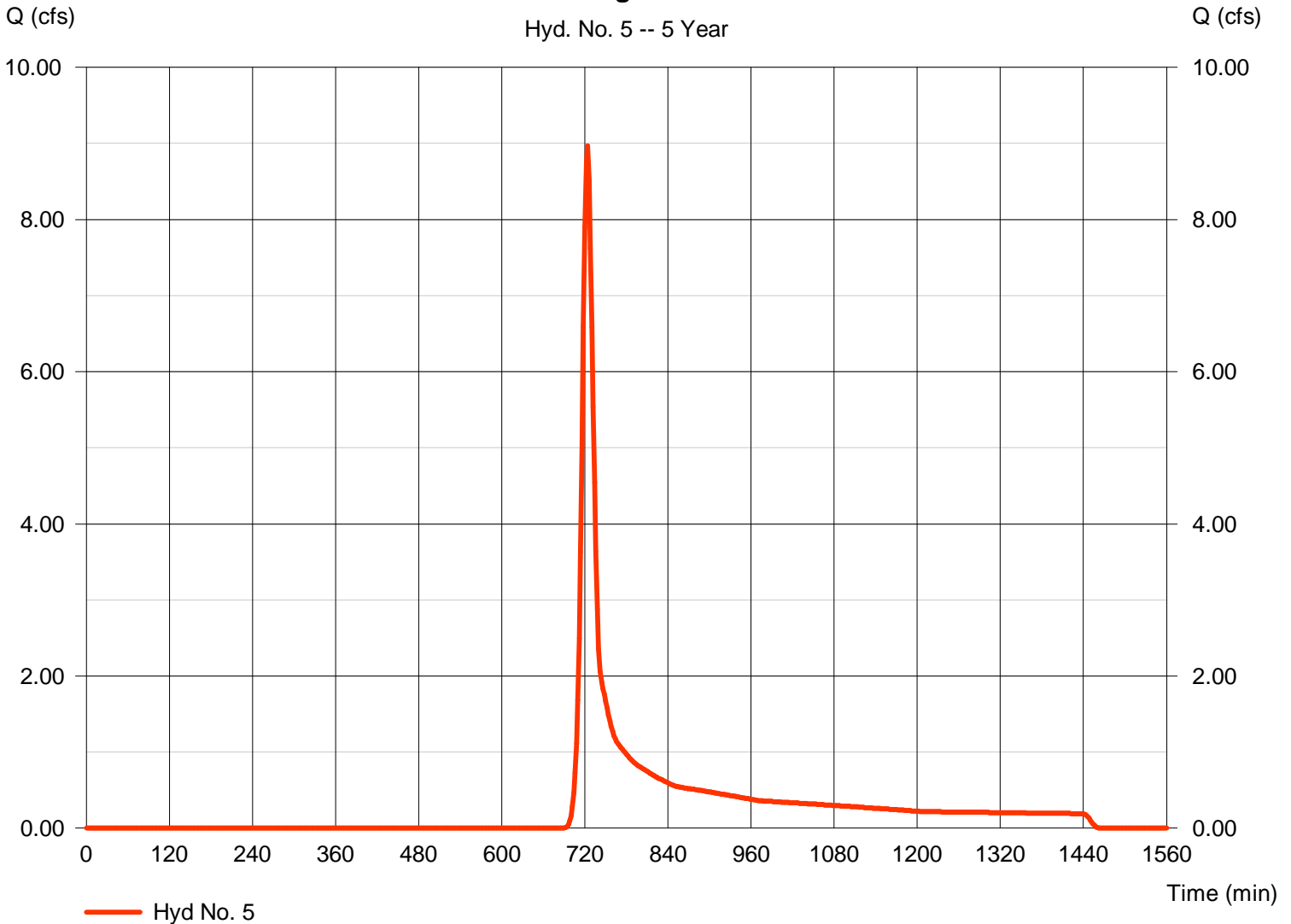
Hyd. No. 5

Lot 1 Frontage - EXISTING

Hydrograph type = SCS Runoff
Storm frequency = 5 yrs
Time interval = 2 min
Drainage area = 9.300 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 3.30 in
Storm duration = 24 hrs

Peak discharge = 8.965 cfs
Time to peak = 724 min
Hyd. volume = 0.632 acft
Curve number = 69
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484

Lot 1 Frontage - EXISTING



Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (acft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (acft)	Hydrograph description
1	SCS Runoff	58.24	2	722	3.857	----	-----	-----	Developed South
2	Reservoir	36.88	2	730	3.857	1	1348.00	0.933	<no description>
3	SCS Runoff	32.14	2	722	2.103	----	-----	-----	<no description>
4	SCS Runoff	16.57	2	722	1.097	----	-----	-----	Lot 1 Frontage - DEVELOPED
5	SCS Runoff	24.30	2	722	1.590	----	-----	-----	Lot 1 Frontage - EXISTING
SPond.gpw					Return Period: 10 Year			Friday, Jun 29, 2007	

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

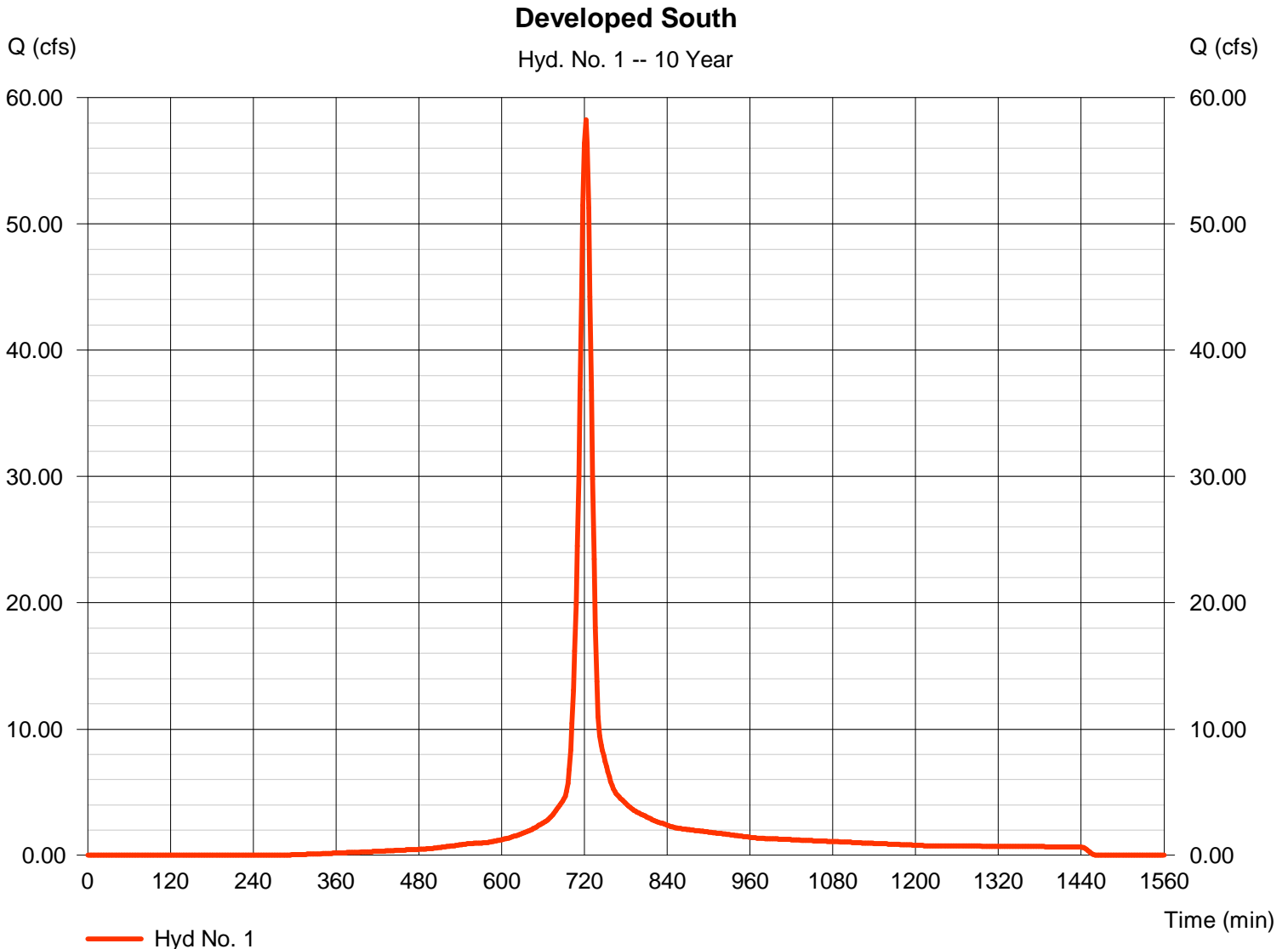
Friday, Jun 29, 2007

Hyd. No. 1

Developed South

Hydrograph type = SCS Runoff
Storm frequency = 10 yrs
Time interval = 2 min
Drainage area = 12.300 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 5.20 in
Storm duration = 24 hrs

Peak discharge = 58.24 cfs
Time to peak = 722 min
Hyd. volume = 3.857 acft
Curve number = 88
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

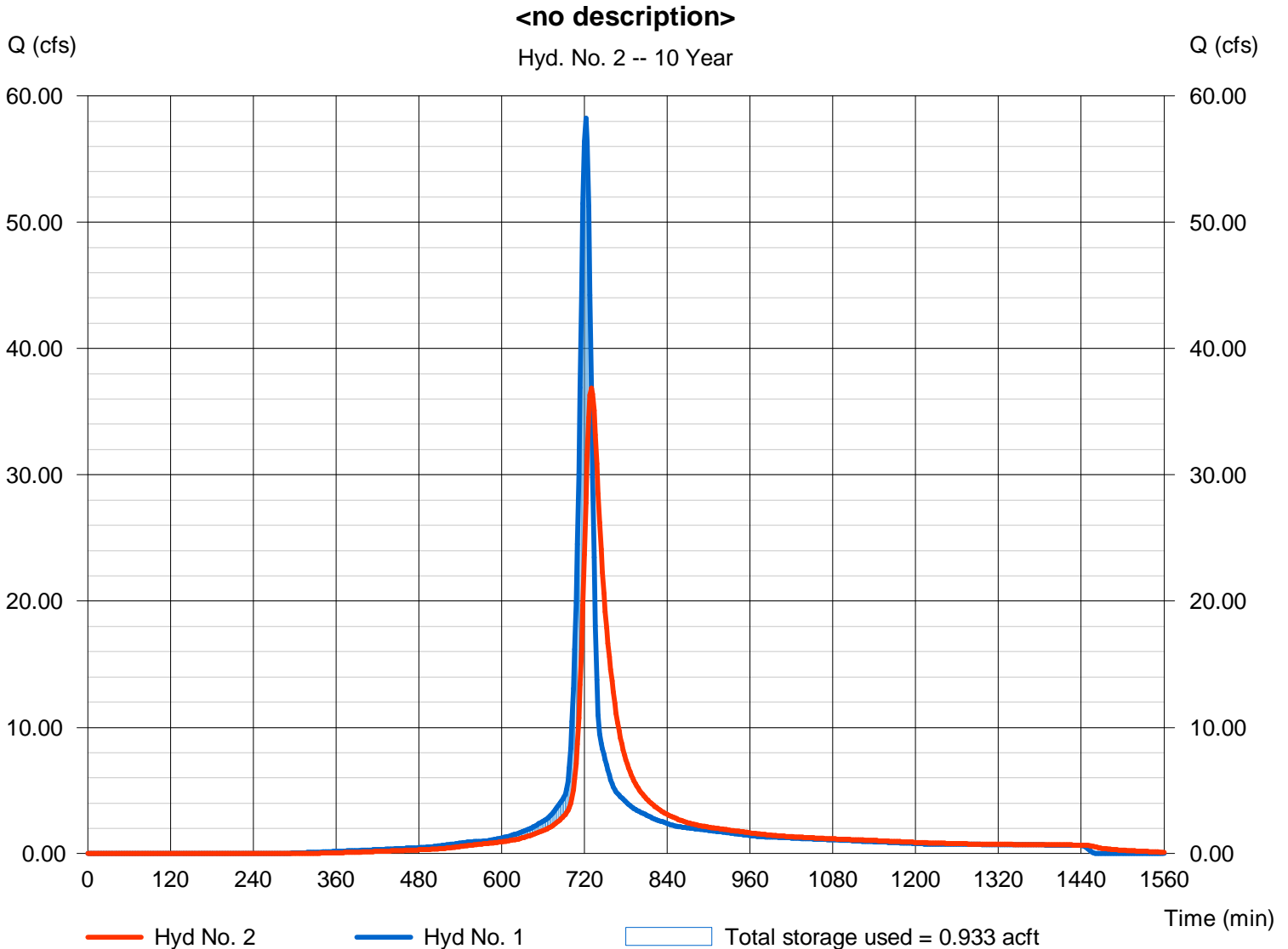
Hyd. No. 2

<no description>

Hydrograph type = Reservoir
Storm frequency = 10 yrs
Time interval = 2 min
Inflow hyd. No. = 1 - Developed South
Reservoir name = <New Pond>

Peak discharge = 36.88 cfs
Time to peak = 730 min
Hyd. volume = 3.857 acft
Max. Elevation = 1348.00 ft
Max. Storage = 0.933 acft

Storage Indication method used.



Pond No. 1 - <New Pond>

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Beginning Elevation = 1346.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (acft)	Total storage (acft)
0.00	1346.00	16,200	0.000	0.000
1.00	1347.00	20,000	0.415	0.415
2.00	1348.00	25,000	0.515	0.930
3.00	1349.00	28,100	0.609	1.539

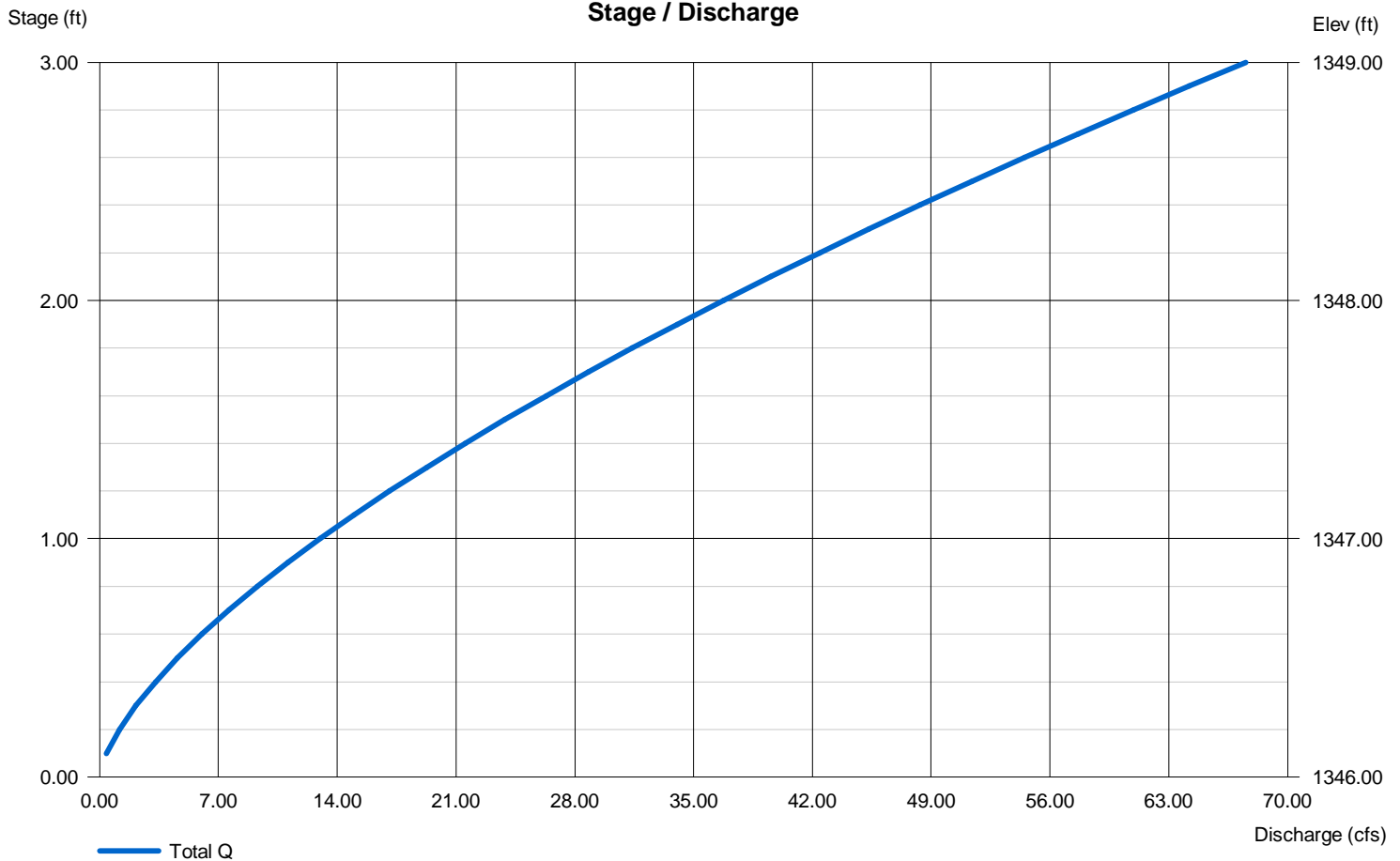
Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 0.00	0.00	0.00	0.00
Span (in)	= 0.00	0.00	0.00	0.00
No. Barrels	= 0	0	0	0
Invert El. (ft)	= 0.00	0.00	0.00	0.00
Length (ft)	= 0.00	0.00	0.00	0.00
Slope (%)	= 0.00	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)	= 5.00	0.00	0.00	0.00
Crest El. (ft)	= 1346.00	0.00	0.00	0.00
Weir Coeff.	= 2.60	3.33	3.33	3.33
Weir Type	= Broad	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Wet area)			
TW Elev. (ft)	= 0.00			

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



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

Hyd. No. 3

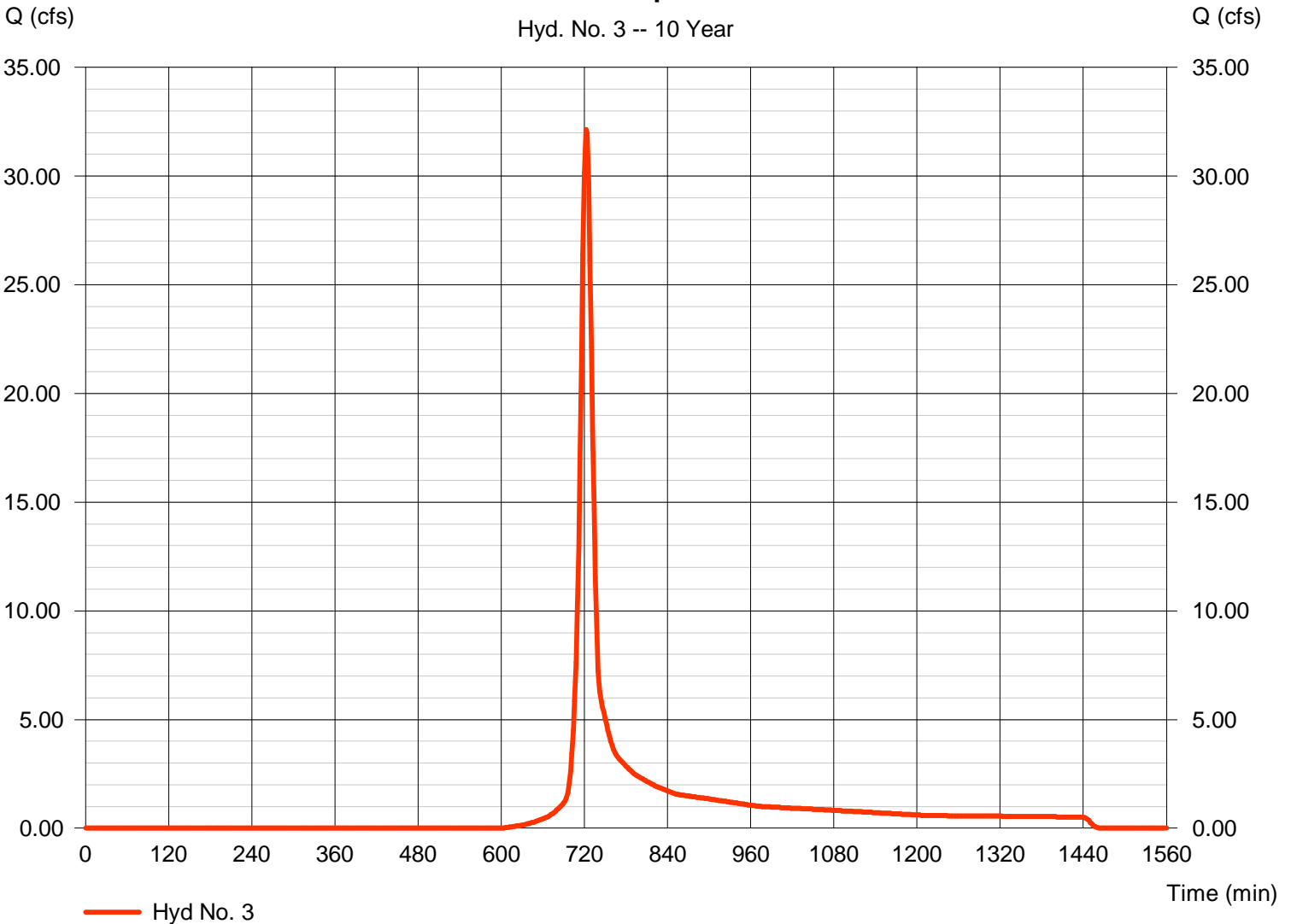
<no description>

Hydrograph type = SCS Runoff
Storm frequency = 10 yrs
Time interval = 2 min
Drainage area = 12.300 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 5.20 in
Storm duration = 24 hrs

Peak discharge = 32.14 cfs
Time to peak = 722 min
Hyd. volume = 2.103 acft
Curve number = 69
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484

<no description>

Hyd. No. 3 -- 10 Year



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

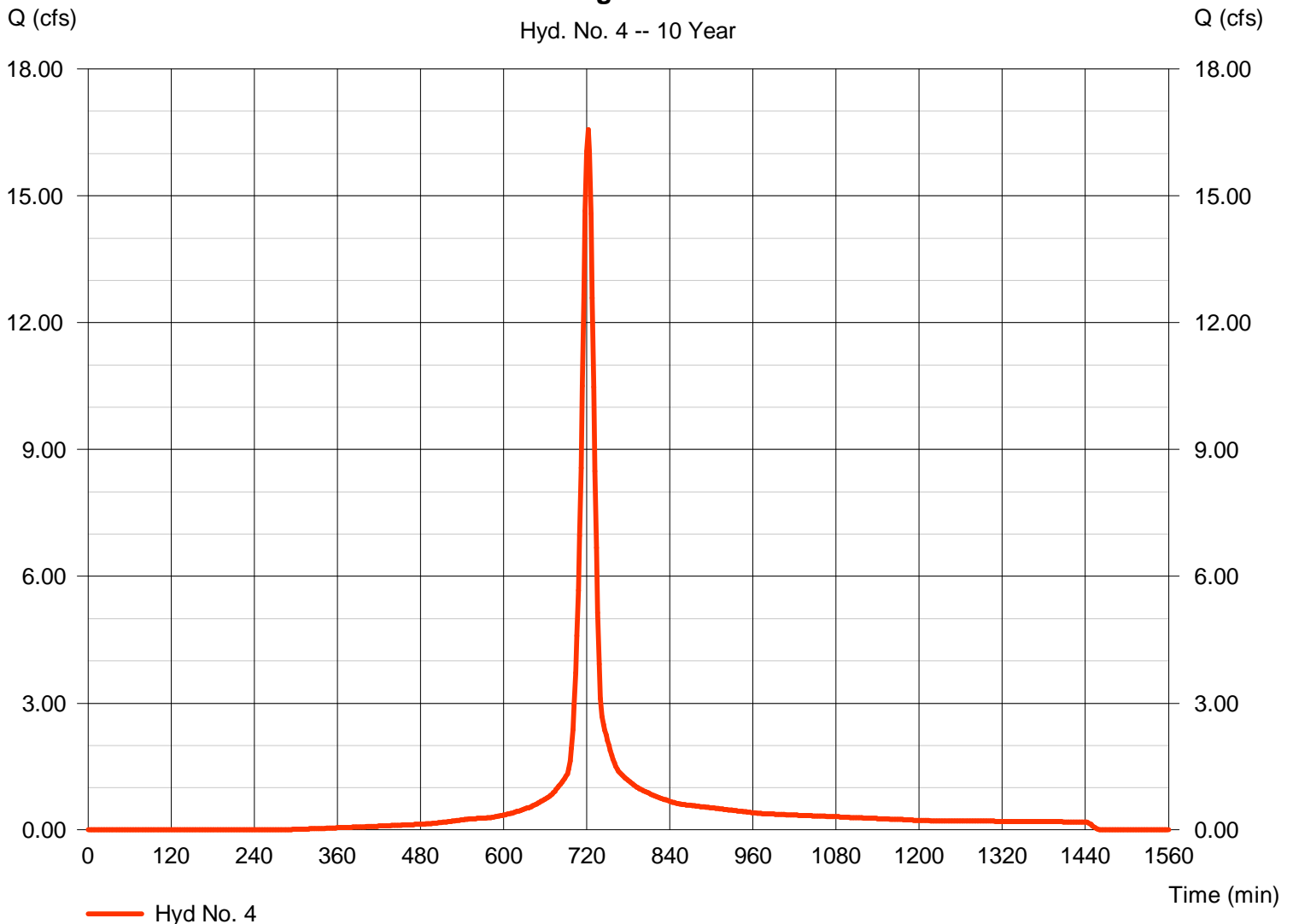
Hyd. No. 4

Lot 1 Frontage - DEVELOPED

Hydrograph type = SCS Runoff
Storm frequency = 10 yrs
Time interval = 2 min
Drainage area = 3.500 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 5.20 in
Storm duration = 24 hrs

Peak discharge = 16.57 cfs
Time to peak = 722 min
Hyd. volume = 1.097 acft
Curve number = 88
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484

Lot 1 Frontage - DEVELOPED



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

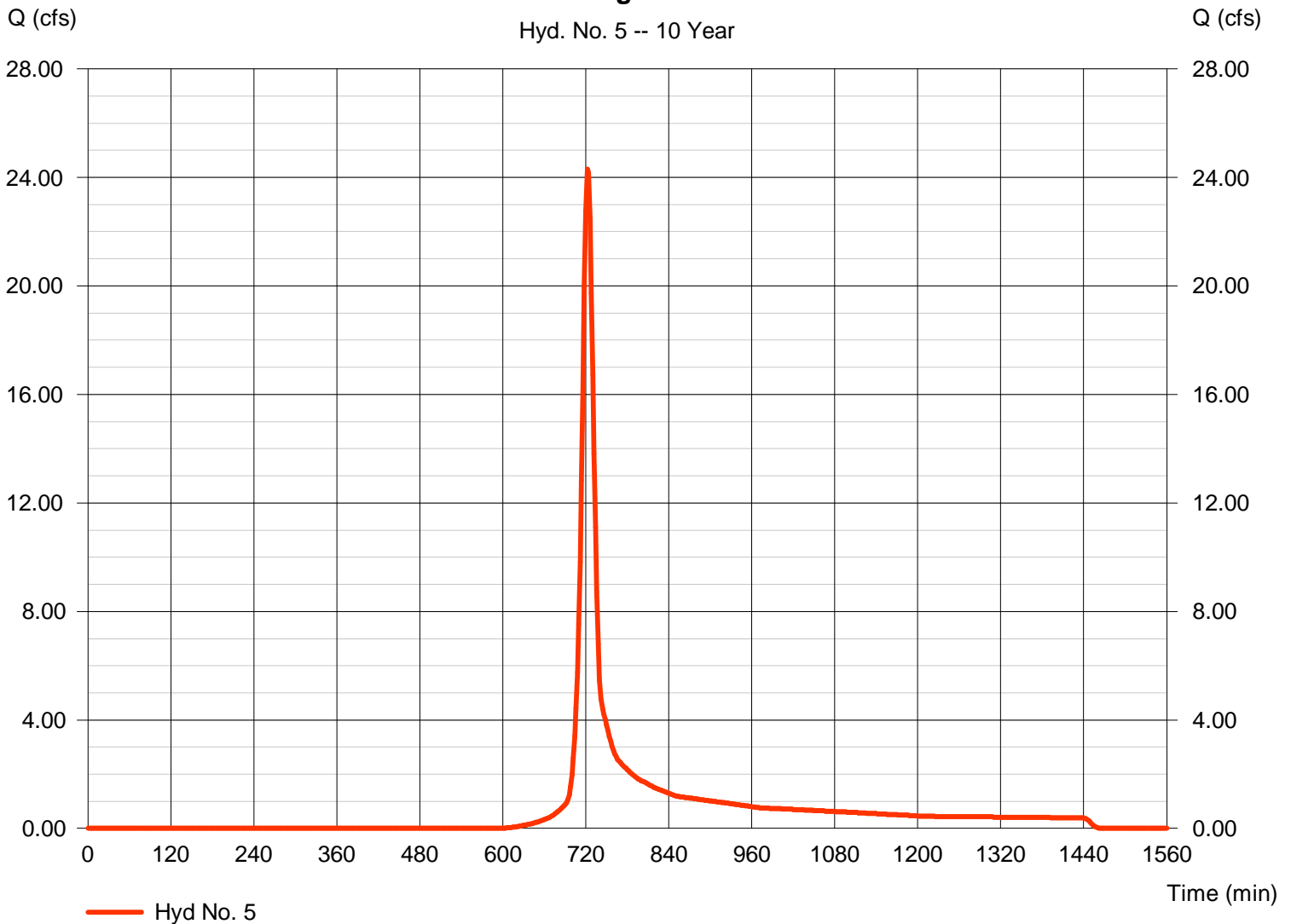
Hyd. No. 5

Lot 1 Frontage - EXISTING

Hydrograph type = SCS Runoff
Storm frequency = 10 yrs
Time interval = 2 min
Drainage area = 9.300 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 5.20 in
Storm duration = 24 hrs

Peak discharge = 24.30 cfs
Time to peak = 722 min
Hyd. volume = 1.590 acft
Curve number = 69
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484

Lot 1 Frontage - EXISTING



Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (acft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (acft)	Hydrograph description	
1	SCS Runoff	93.65	2	722	6.369	----	-----	-----	Developed South	
2	Reservoir	61.06	2	730	6.369	1	1348.81	1.42	<no description>	
3	SCS Runoff	64.92	2	722	4.178	----	-----	-----	<no description>	
4	SCS Runoff	26.65	2	722	1.812	----	-----	-----	Lot 1 Frontage - DEVELOPED	
5	SCS Runoff	49.08	2	722	3.159	----	-----	-----	Lot 1 Frontage - EXISTING	
SPond.gpw					Return Period: 100 Year			Friday, Jun 29, 2007		

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

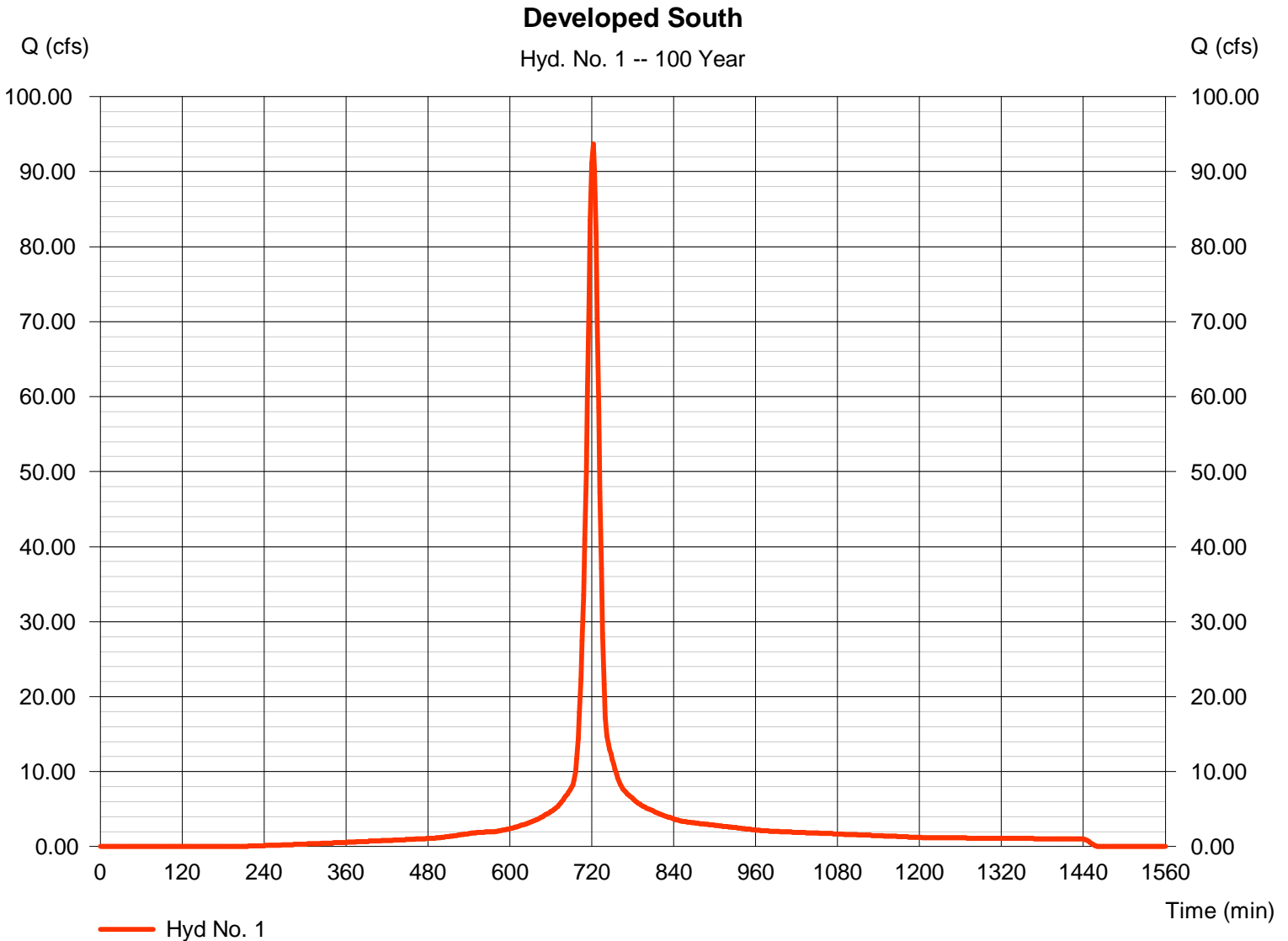
Friday, Jun 29, 2007

Hyd. No. 1

Developed South

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 2 min
Drainage area = 12.300 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 7.80 in
Storm duration = 24 hrs

Peak discharge = 93.65 cfs
Time to peak = 722 min
Hyd. volume = 6.369 acft
Curve number = 88
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

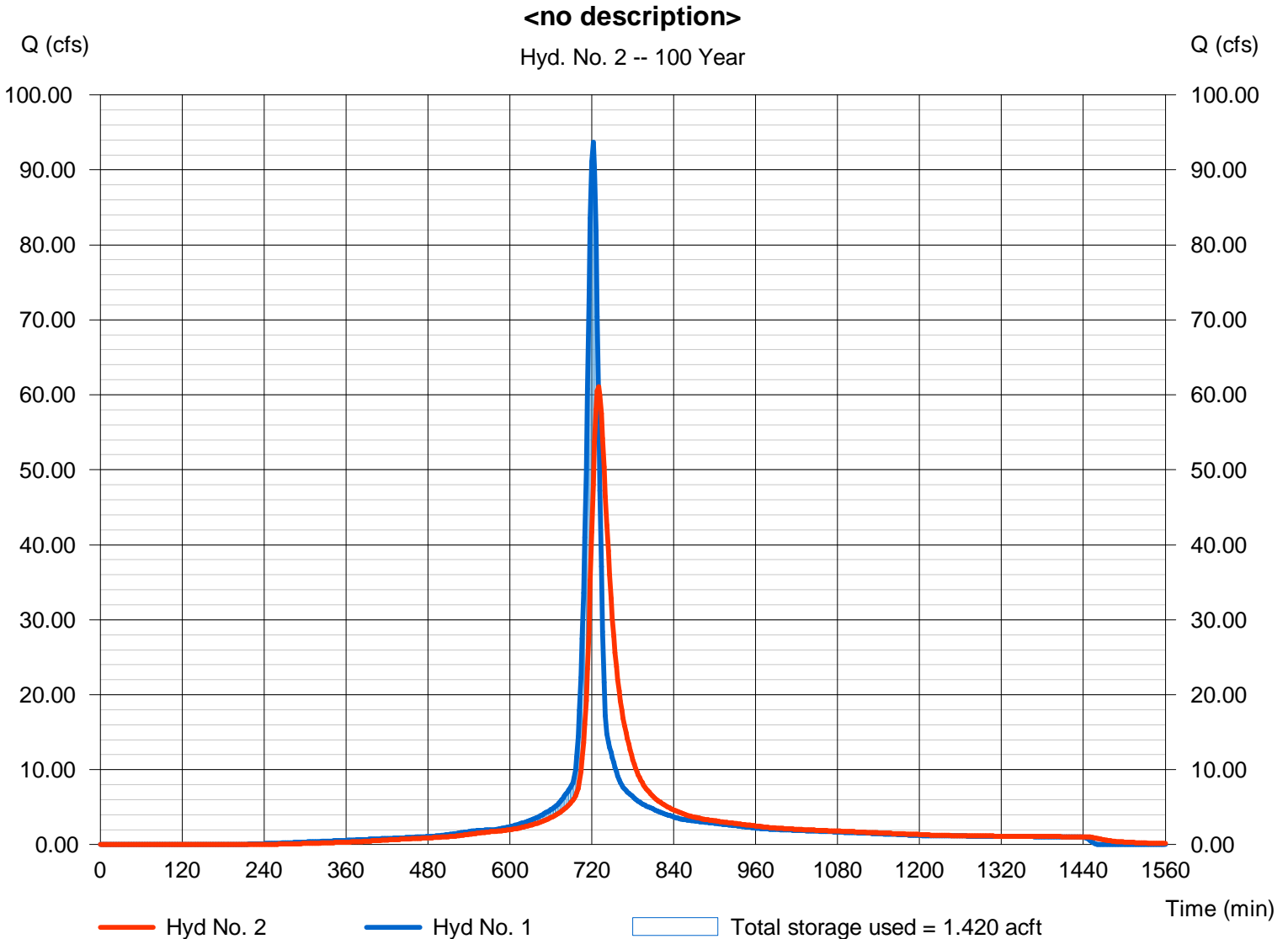
Hyd. No. 2

<no description>

Hydrograph type = Reservoir
Storm frequency = 100 yrs
Time interval = 2 min
Inflow hyd. No. = 1 - Developed South
Reservoir name = <New Pond>

Peak discharge = 61.06 cfs
Time to peak = 730 min
Hyd. volume = 6.369 acft
Max. Elevation = 1348.81 ft
Max. Storage = 1.420 acft

Storage Indication method used.



Pond No. 1 - <New Pond>

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Beginning Elevation = 1346.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (acft)	Total storage (acft)
0.00	1346.00	16,200	0.000	0.000
1.00	1347.00	20,000	0.415	0.415
2.00	1348.00	25,000	0.515	0.930
3.00	1349.00	28,100	0.609	1.539

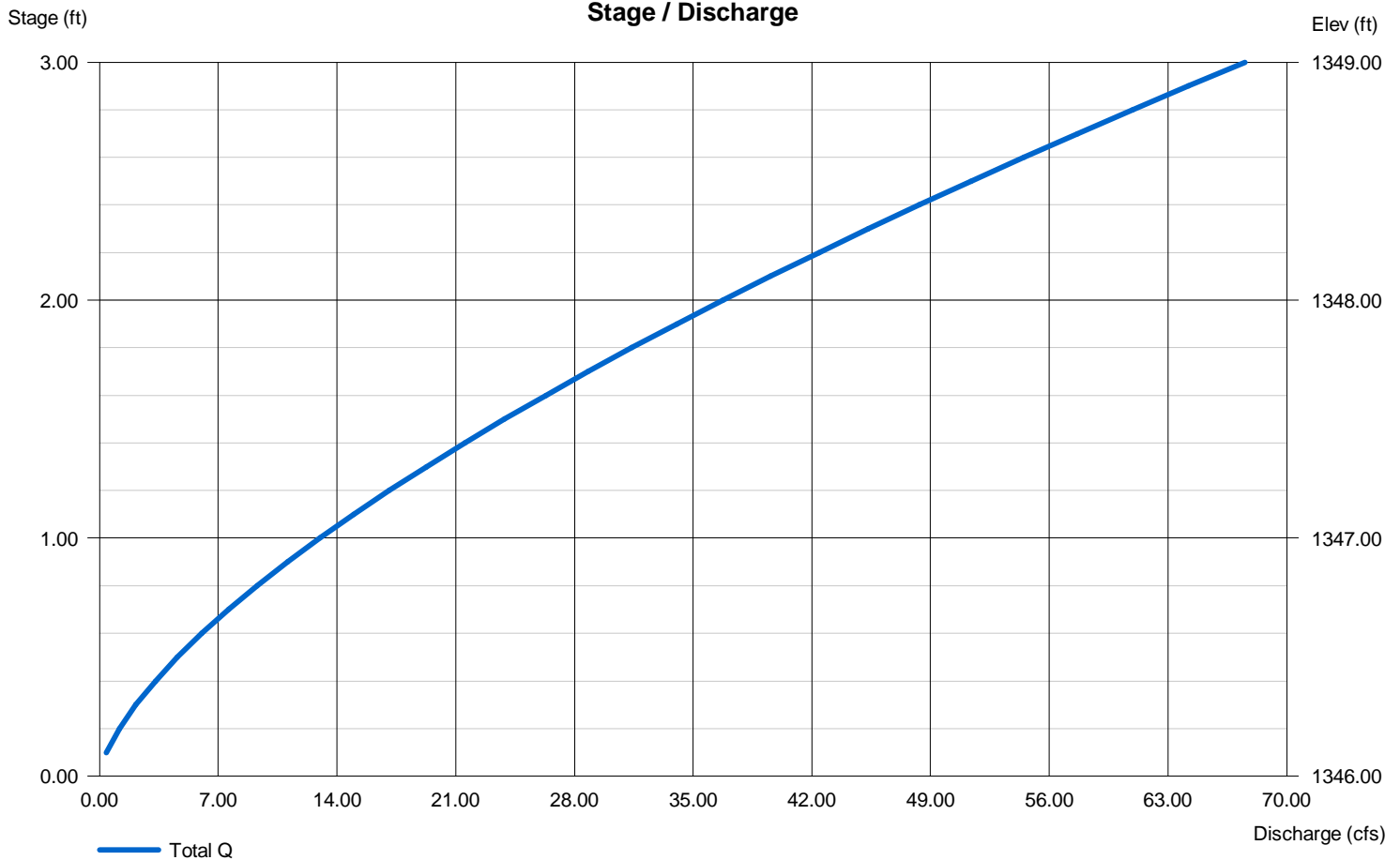
Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 0.00	0.00	0.00	0.00
Span (in)	= 0.00	0.00	0.00	0.00
No. Barrels	= 0	0	0	0
Invert El. (ft)	= 0.00	0.00	0.00	0.00
Length (ft)	= 0.00	0.00	0.00	0.00
Slope (%)	= 0.00	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)	= 5.00	0.00	0.00	0.00
Crest El. (ft)	= 1346.00	0.00	0.00	0.00
Weir Coeff.	= 2.60	3.33	3.33	3.33
Weir Type	= Broad	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Wet area)			
TW Elev. (ft)	= 0.00			

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



Hydrograph Report

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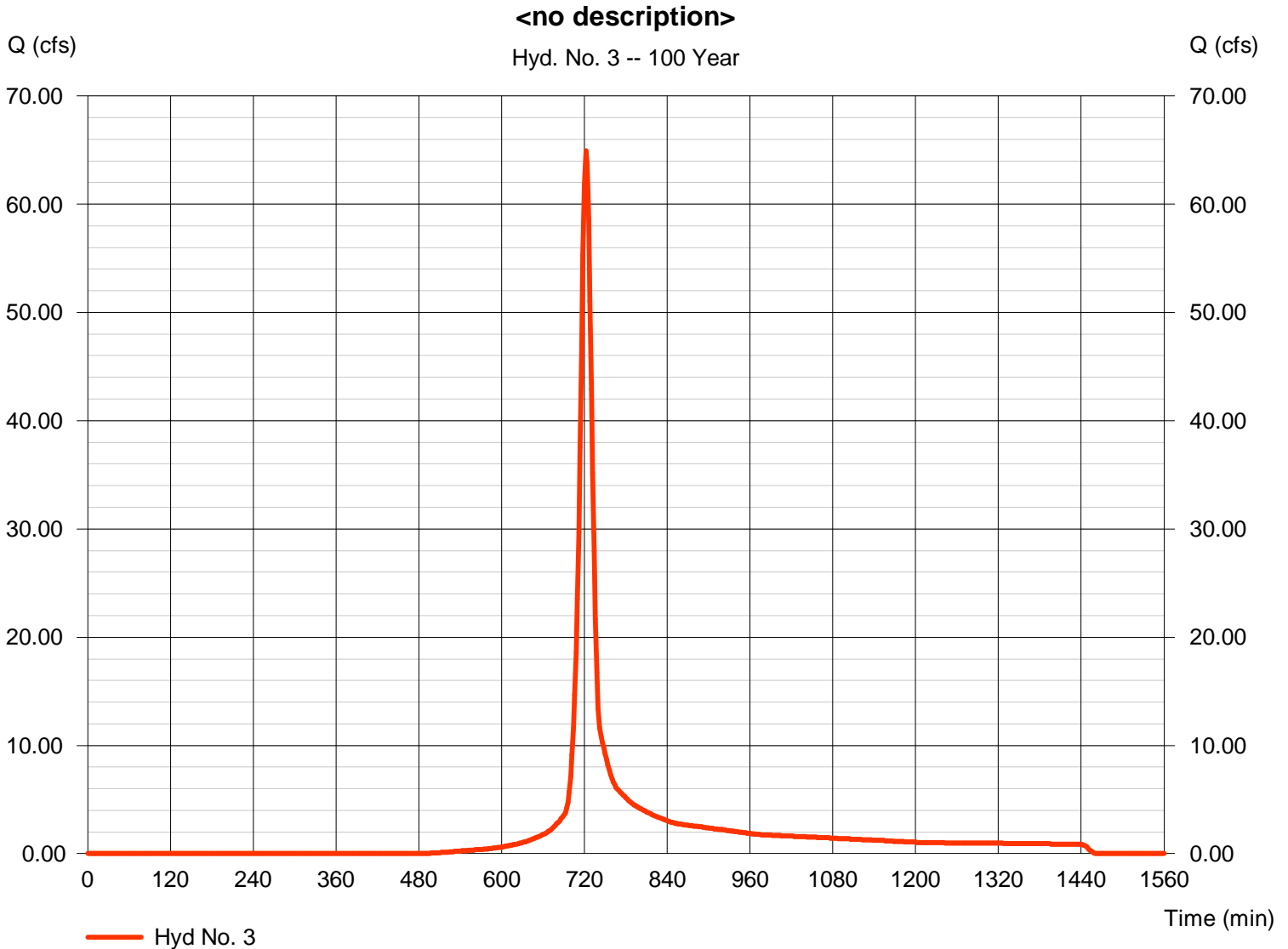
Friday, Jun 29, 2007

Hyd. No. 3

<no description>

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 2 min
Drainage area = 12.300 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 7.80 in
Storm duration = 24 hrs

Peak discharge = 64.92 cfs
Time to peak = 722 min
Hyd. volume = 4.178 acft
Curve number = 69
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484



Hydrograph Report

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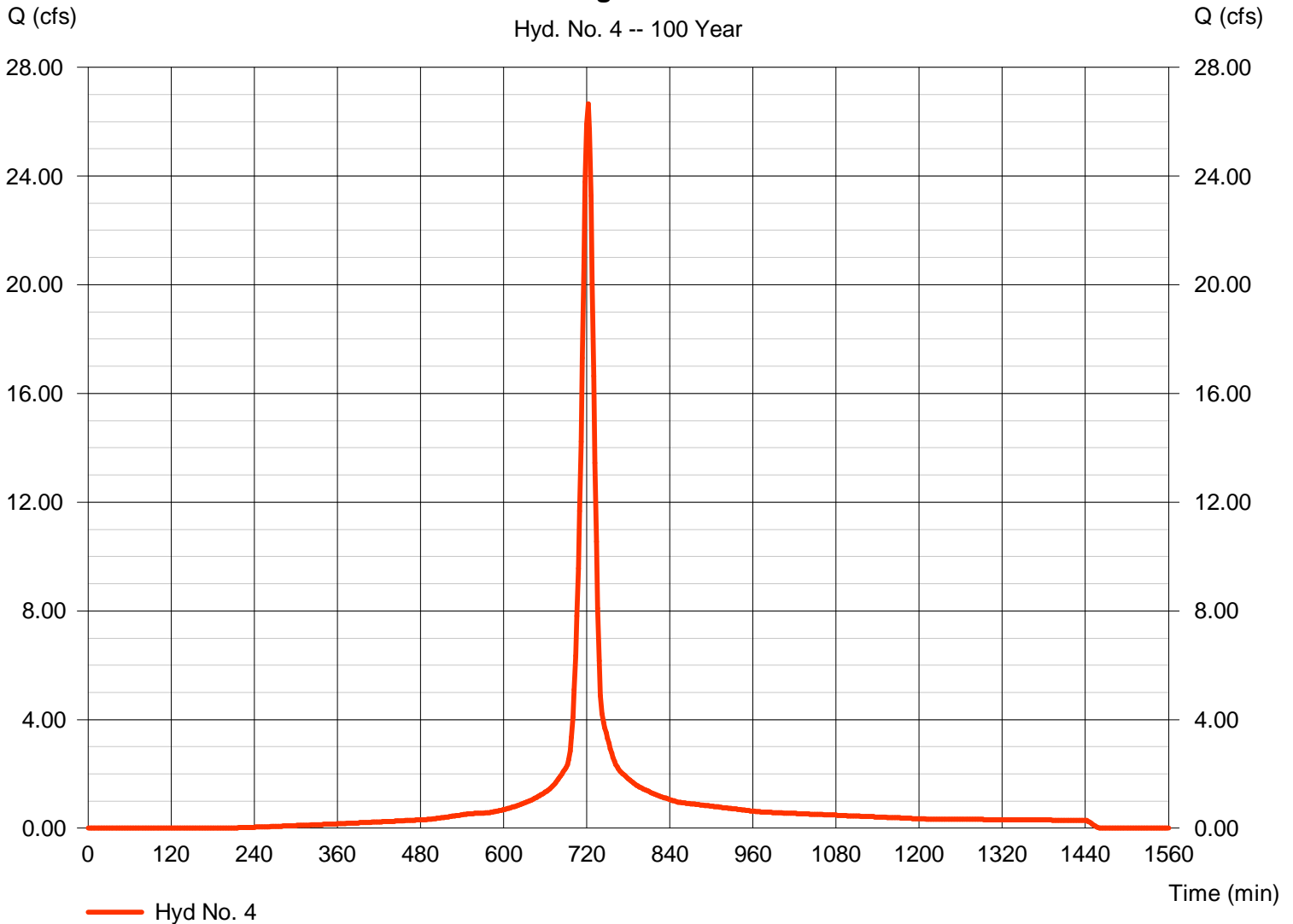
Hyd. No. 4

Lot 1 Frontage - DEVELOPED

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 2 min
Drainage area = 3.500 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 7.80 in
Storm duration = 24 hrs

Peak discharge = 26.65 cfs
Time to peak = 722 min
Hyd. volume = 1.812 acft
Curve number = 88
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484

Lot 1 Frontage - DEVELOPED



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Friday, Jun 29, 2007

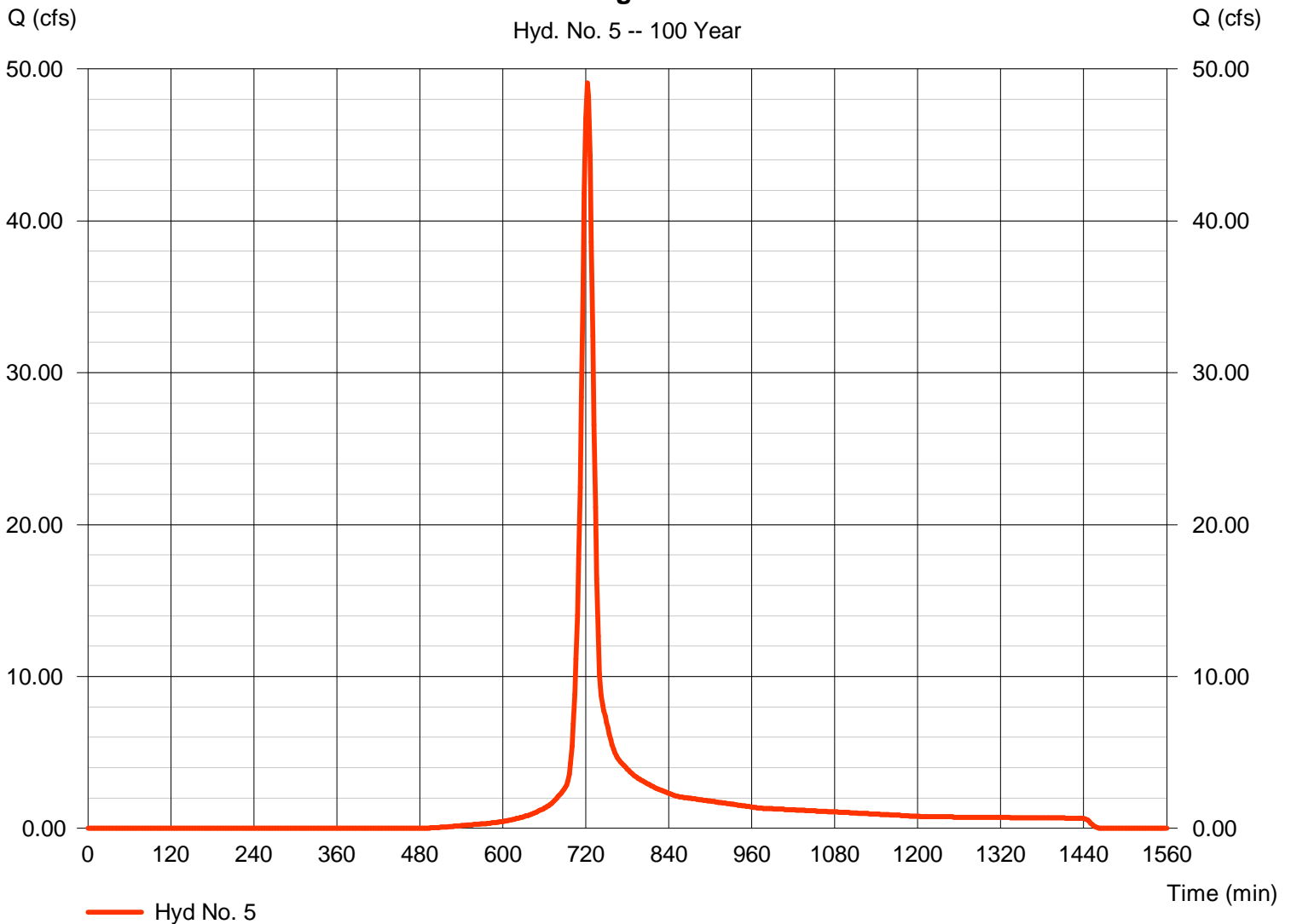
Hyd. No. 5

Lot 1 Frontage - EXISTING

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 2 min
Drainage area = 9.300 ac
Basin Slope = 0.0 %
Tc method = USER
Total precip. = 7.80 in
Storm duration = 24 hrs

Peak discharge = 49.08 cfs
Time to peak = 722 min
Hyd. volume = 3.159 acft
Curve number = 69
Hydraulic length = 0 ft
Time of conc. (Tc) = 15.00 min
Distribution = Type II
Shape factor = 484

Lot 1 Frontage - EXISTING



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