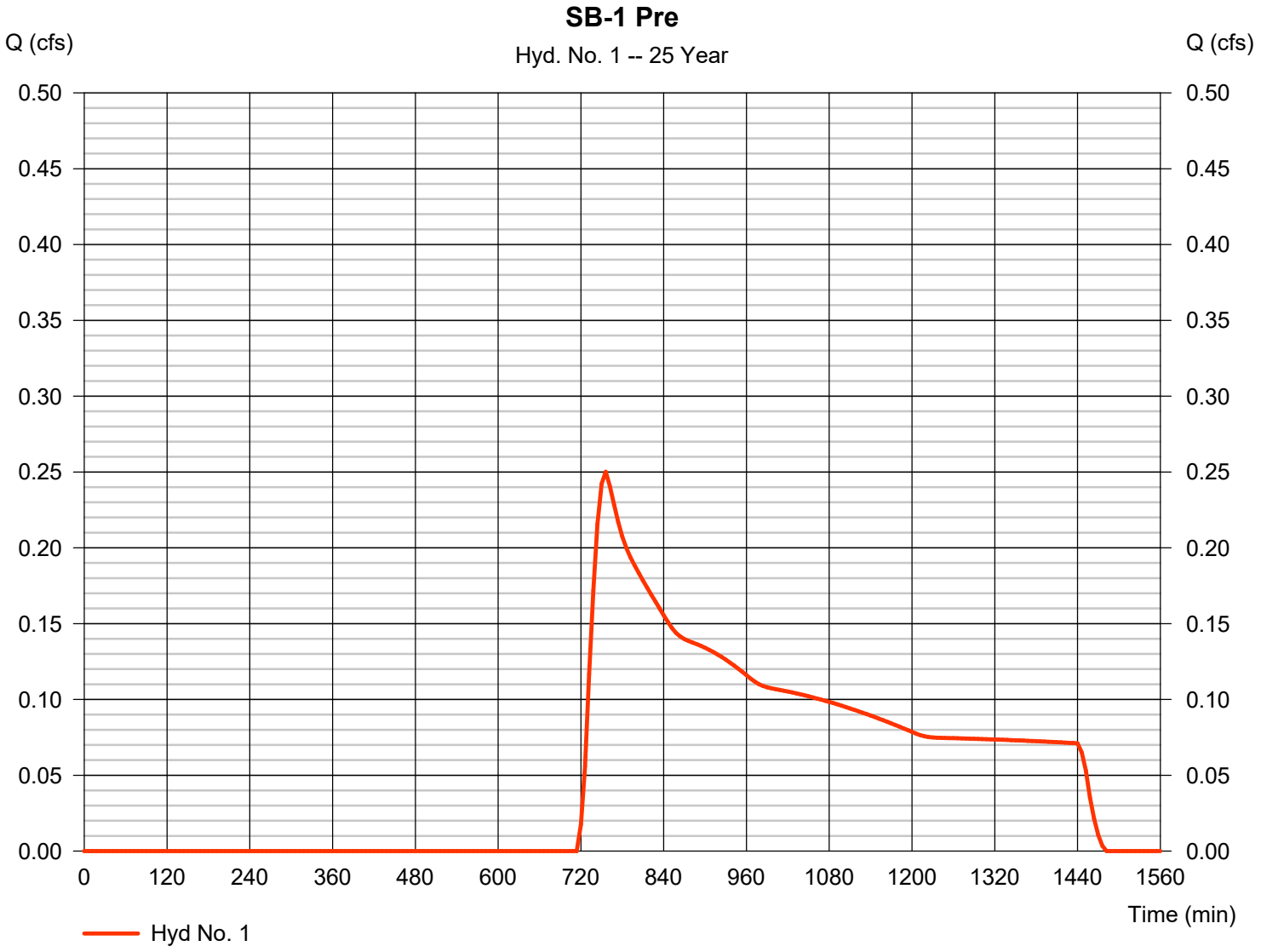
Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021 Monday, 07 / 11 / 2022

Hyd. No. 1

SB-1 Pre

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.250 cfs
Storm frequency	=	25 yrs	Time to peak	=	756 min
Time interval	=	6 min	Hyd. volume	=	4,819 cuft
Drainage area	=	12.120 ac	Curve number	=	58
Basin Slope	=	3.4 %	Hydraulic length	=	765 ft
Tc method	=	LAG	Time of conc. (Tc)	=	25.38 min
Total precip.	=	2.40 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

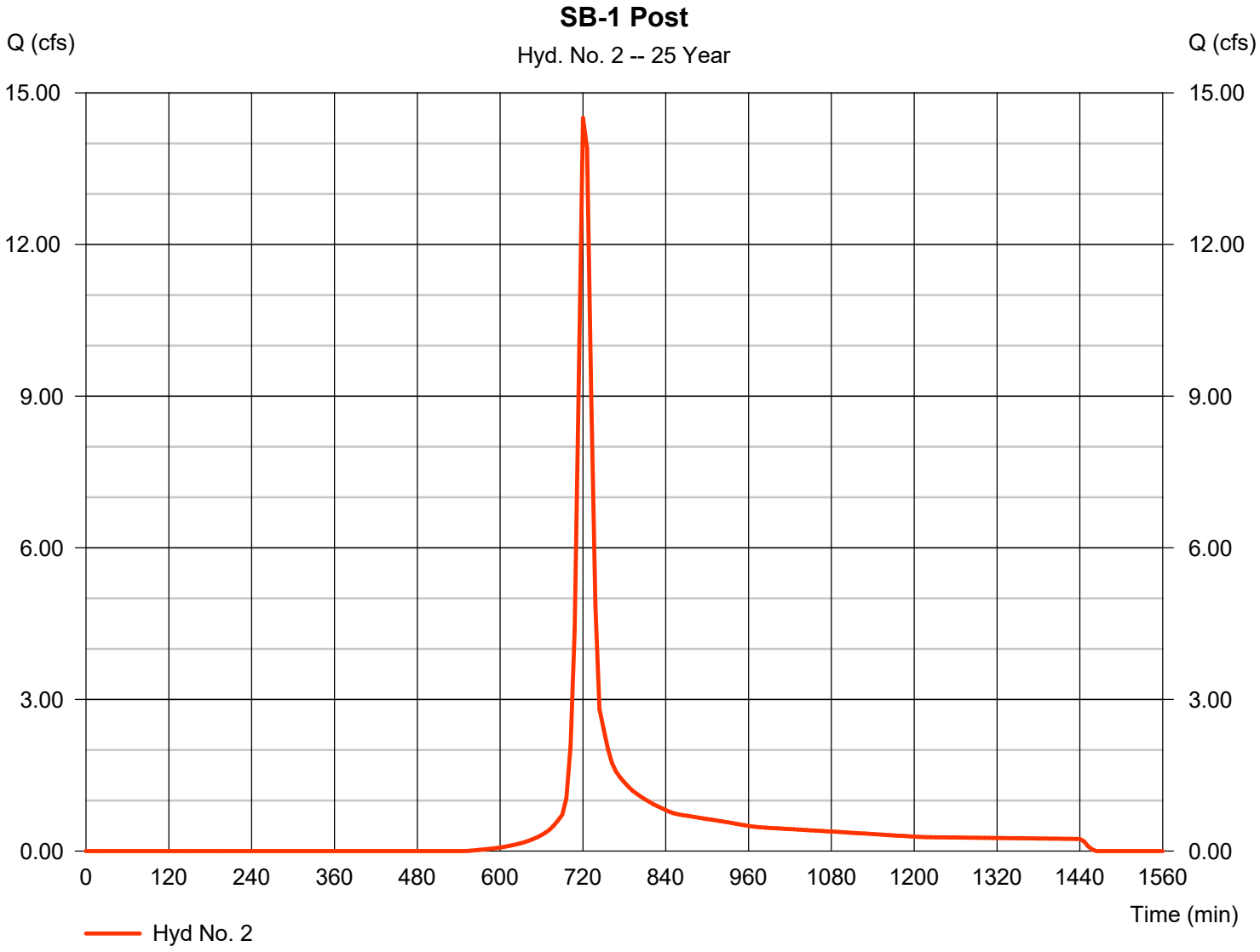


Hydrograph Report

Hyd. No. 2

SB-1 Post

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.50 cfs
Storm frequency	=	25 yrs	Time to peak	=	720 min
Time interval	=	6 min	Hyd. volume	=	45,344 cuft
Drainage area	=	12.120 ac	Curve number	=	85
Basin Slope	=	3.4 %	Hydraulic length	=	765 ft
Tc method	=	LAG	Time of conc. (Tc)	=	11.82 min
Total precip.	=	2.40 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

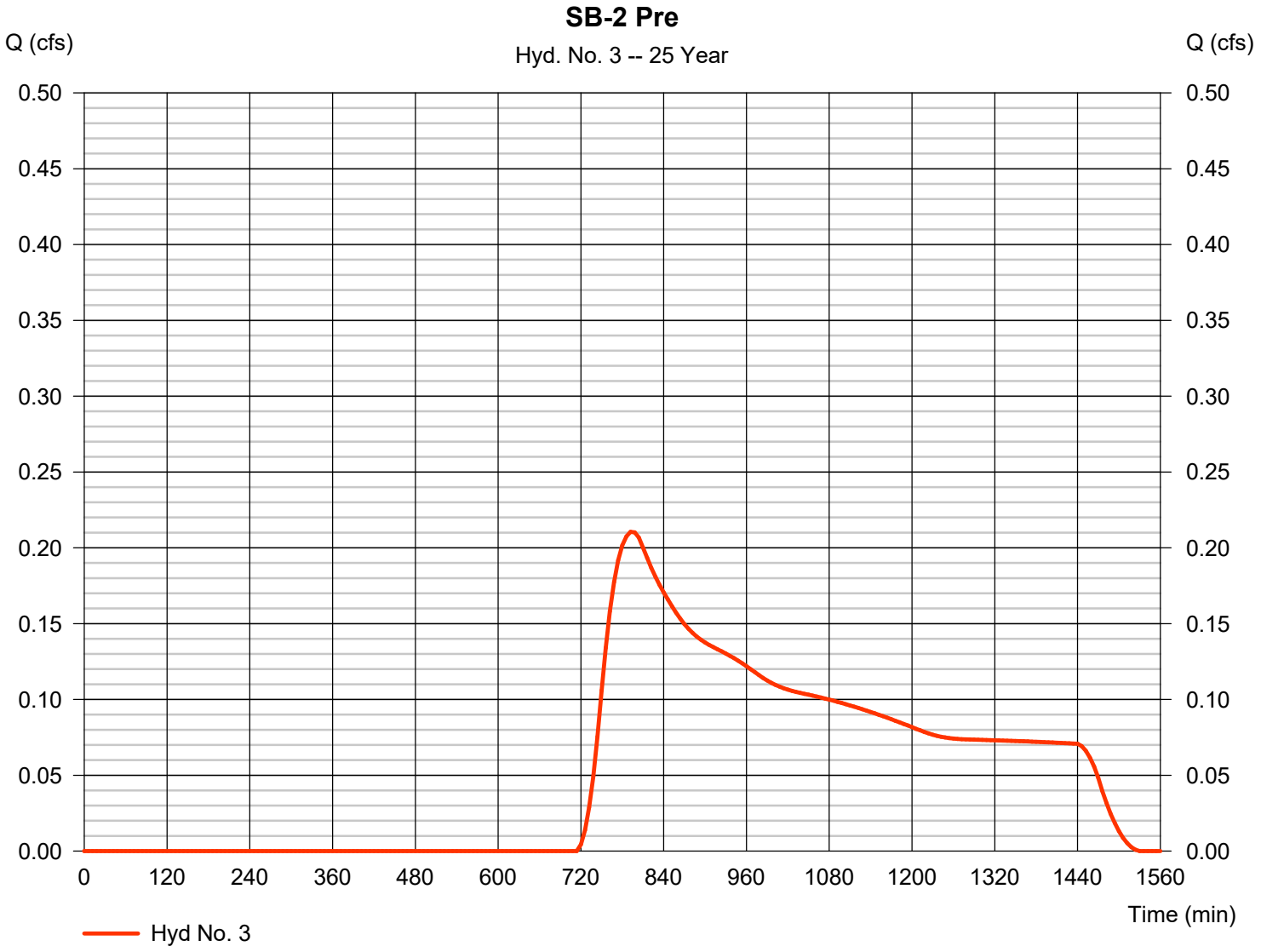


Hydrograph Report

Hyd. No. 3

SB-2 Pre

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.210 cfs
Storm frequency	=	25 yrs	Time to peak	=	792 min
Time interval	=	6 min	Hyd. volume	=	4,763 cuft
Drainage area	=	11.980 ac	Curve number	=	58
Basin Slope	=	2.5 %	Hydraulic length	=	1610 ft
Tc method	=	LAG	Time of conc. (Tc)	=	53.68 min
Total precip.	=	2.40 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

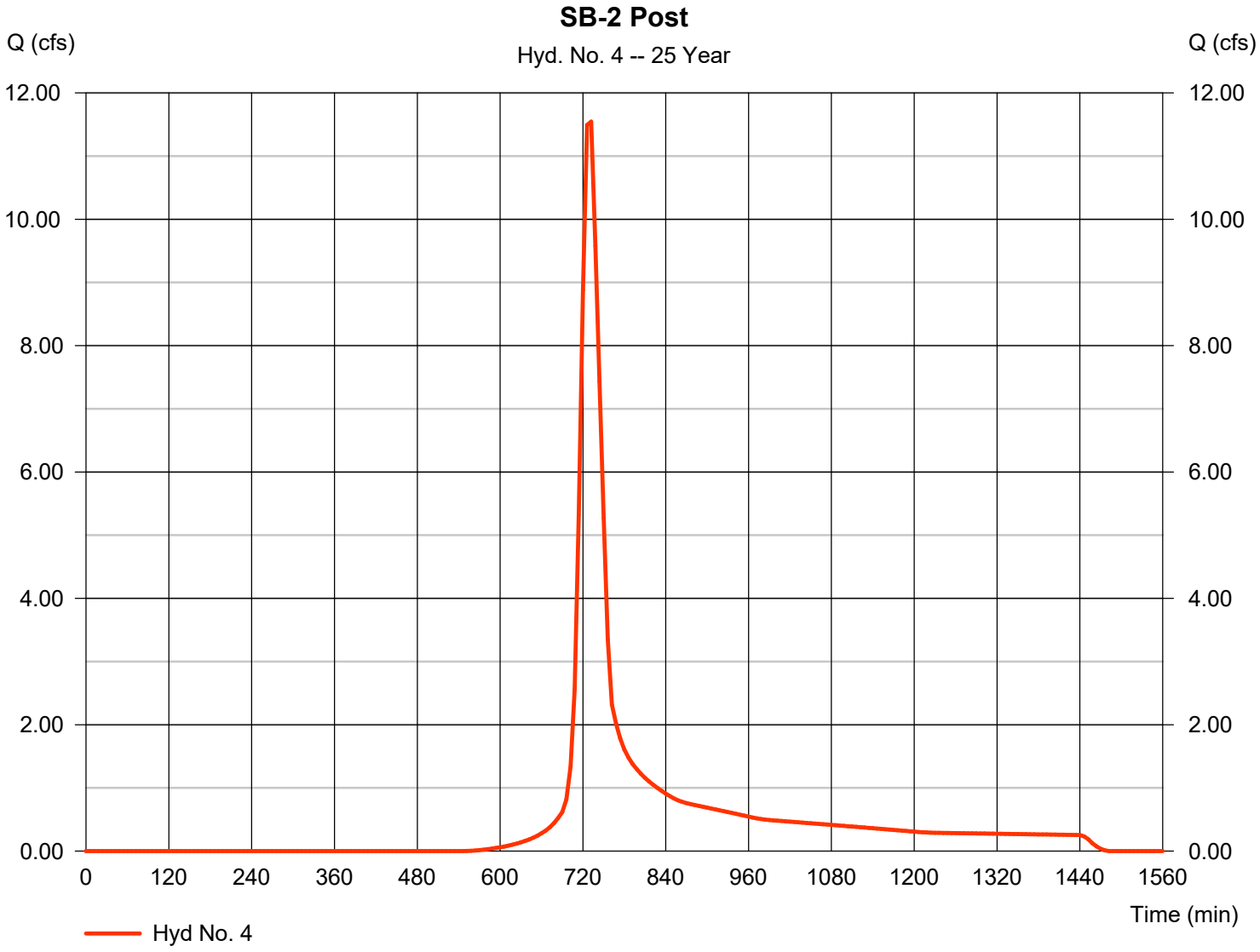


Hydrograph Report

Hyd. No. 4

SB-2 Post

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.55 cfs
Storm frequency	=	25 yrs	Time to peak	=	732 min
Time interval	=	6 min	Hyd. volume	=	47,808 cuft
Drainage area	=	11.980 ac	Curve number	=	85
Basin Slope	=	2.5 %	Hydraulic length	=	1610 ft
Tc method	=	LAG	Time of conc. (Tc)	=	24.99 min
Total precip.	=	2.40 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

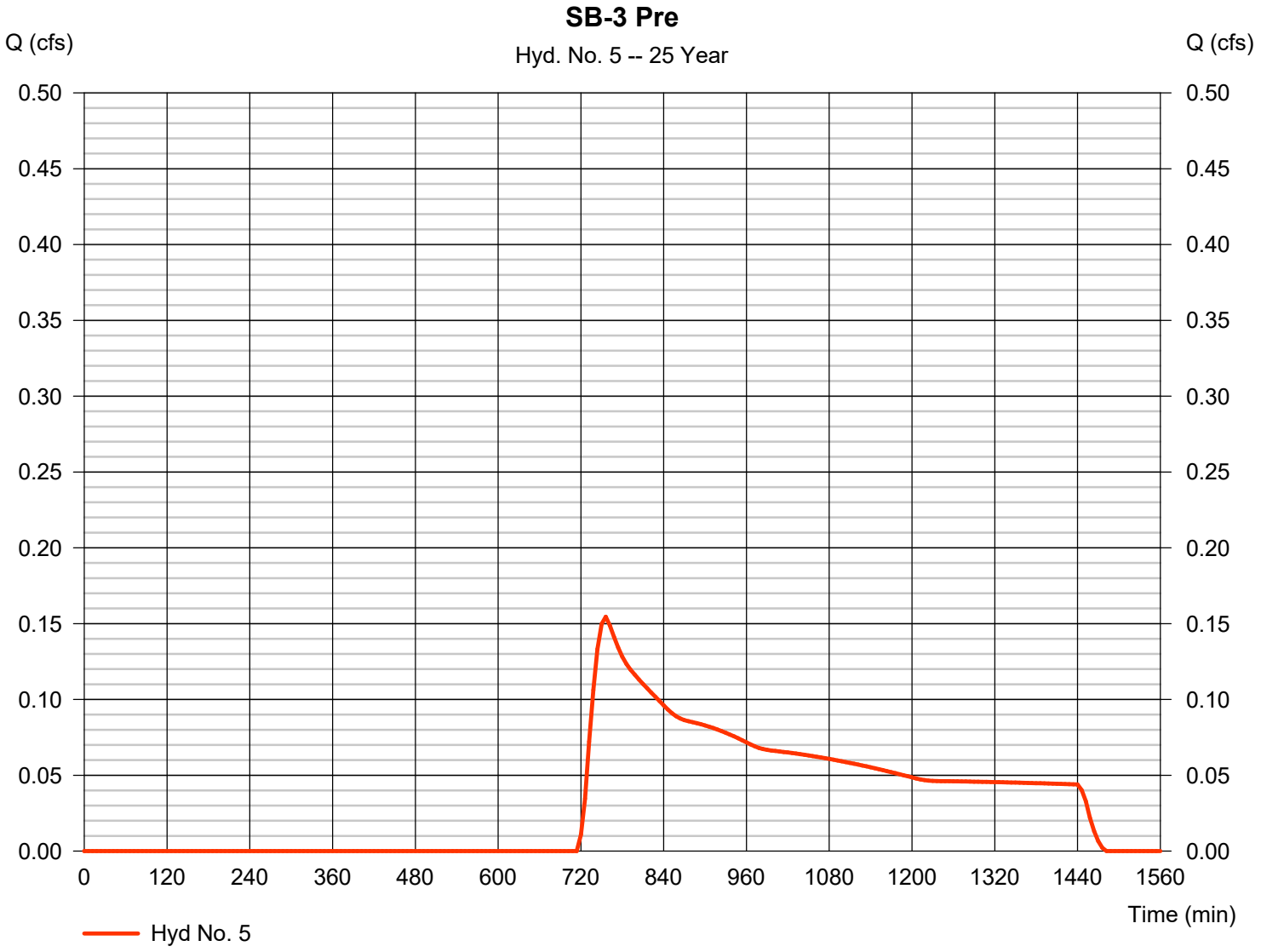


Hydrograph Report

Hyd. No. 5

SB-3 Pre

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.155 cfs
Storm frequency	=	25 yrs	Time to peak	=	756 min
Time interval	=	6 min	Hyd. volume	=	2,978 cuft
Drainage area	=	7.490 ac	Curve number	=	58
Basin Slope	=	2.1 %	Hydraulic length	=	615 ft
Tc method	=	LAG	Time of conc. (Tc)	=	27.12 min
Total precip.	=	2.40 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

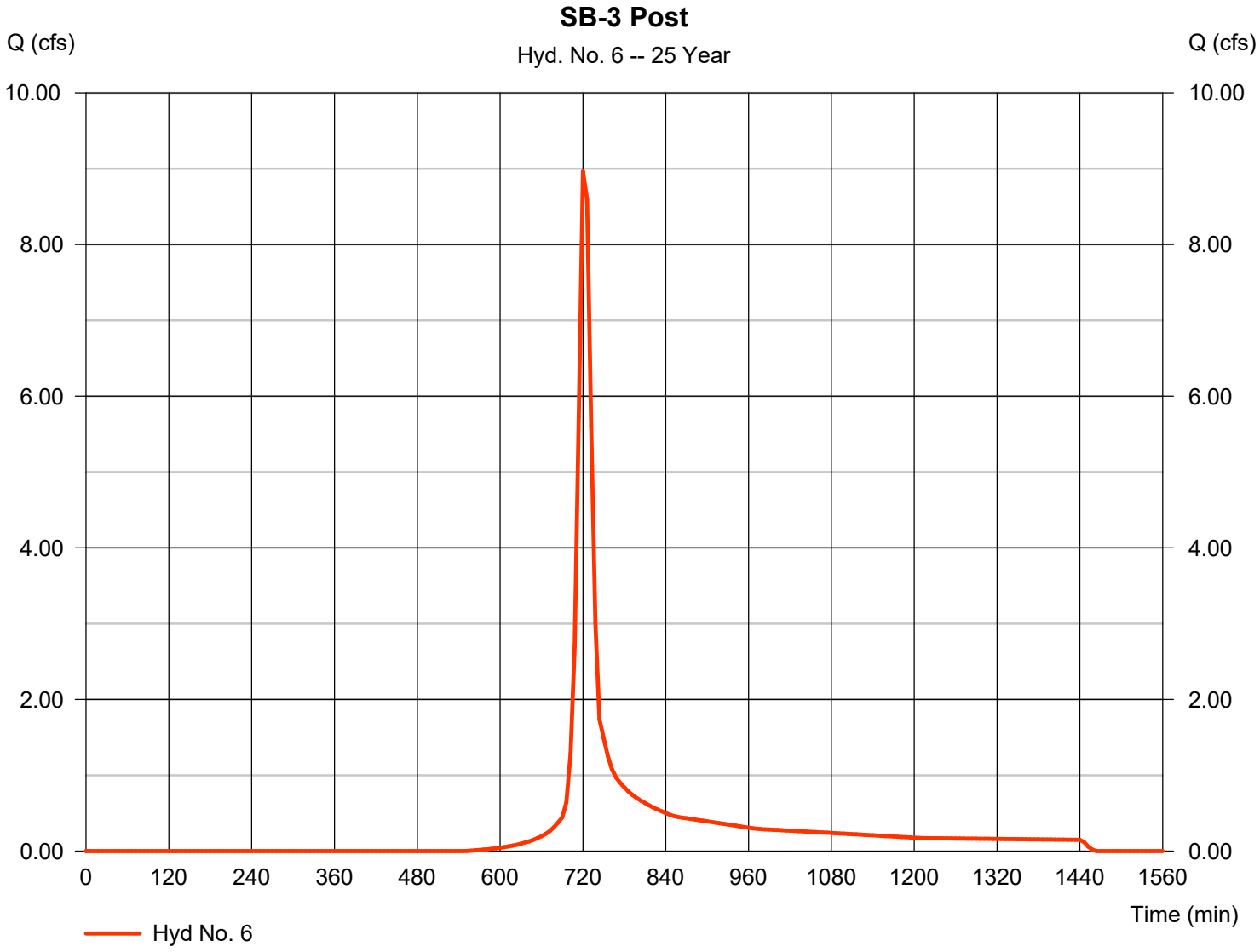


Hydrograph Report

Hyd. No. 6

SB-3 Post

Hydrograph type	=	SCS Runoff	Peak discharge	=	8.964 cfs
Storm frequency	=	25 yrs	Time to peak	=	720 min
Time interval	=	6 min	Hyd. volume	=	28,022 cuft
Drainage area	=	7.490 ac	Curve number	=	85
Basin Slope	=	2.1 %	Hydraulic length	=	615 ft
Tc method	=	LAG	Time of conc. (Tc)	=	12.63 min
Total precip.	=	2.40 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

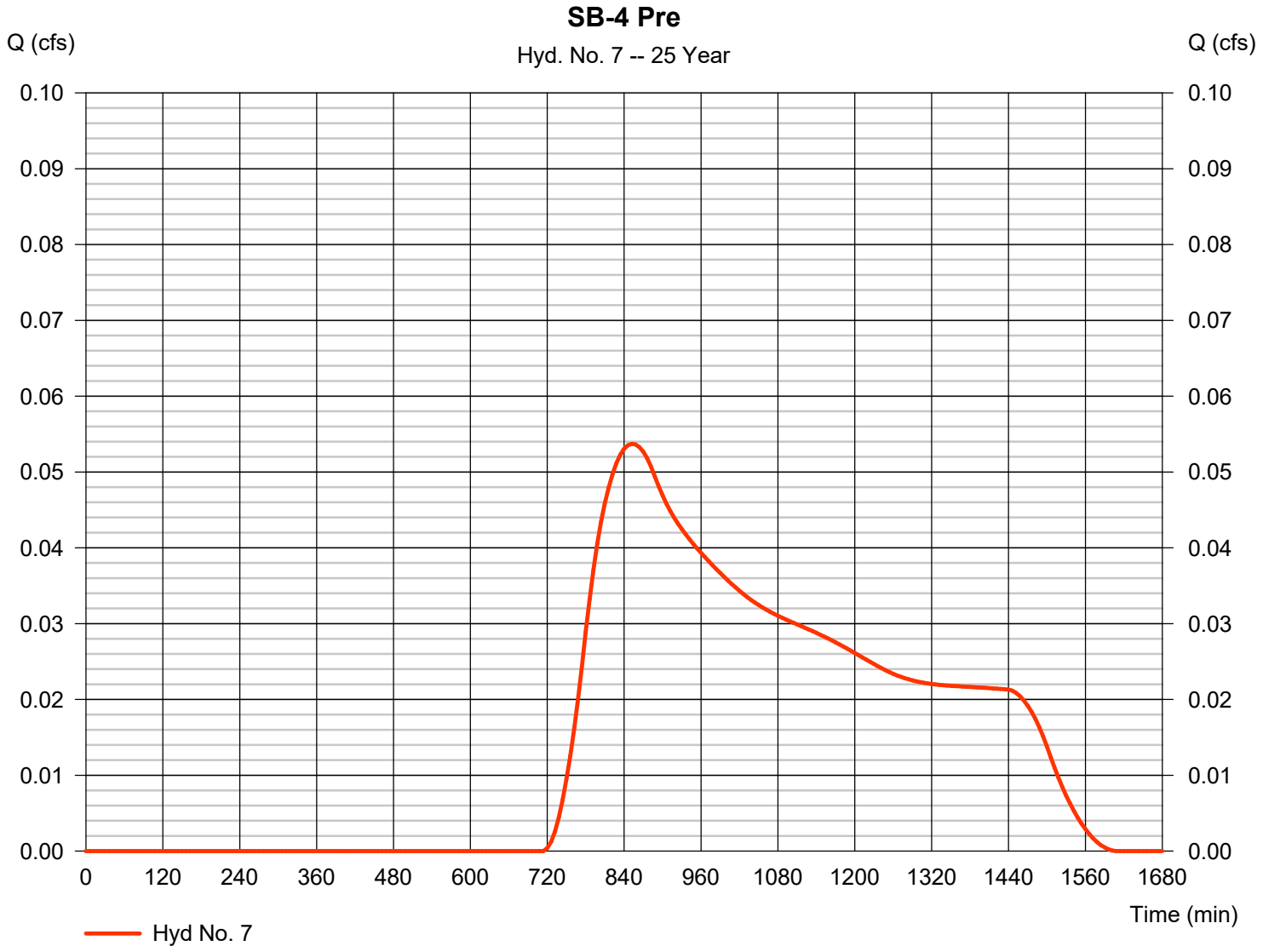


Hydrograph Report

Hyd. No. 7

SB-4 Pre

Hydrograph type	= SCS Runoff	Peak discharge	= 0.054 cfs
Storm frequency	= 25 yrs	Time to peak	= 852 min
Time interval	= 6 min	Hyd. volume	= 1,419 cuft
Drainage area	= 3.610 ac	Curve number	= 58
Basin Slope	= 0.6 %	Hydraulic length	= 1524 ft
Tc method	= LAG	Time of conc. (Tc)	= 104.86 min
Total precip.	= 2.40 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

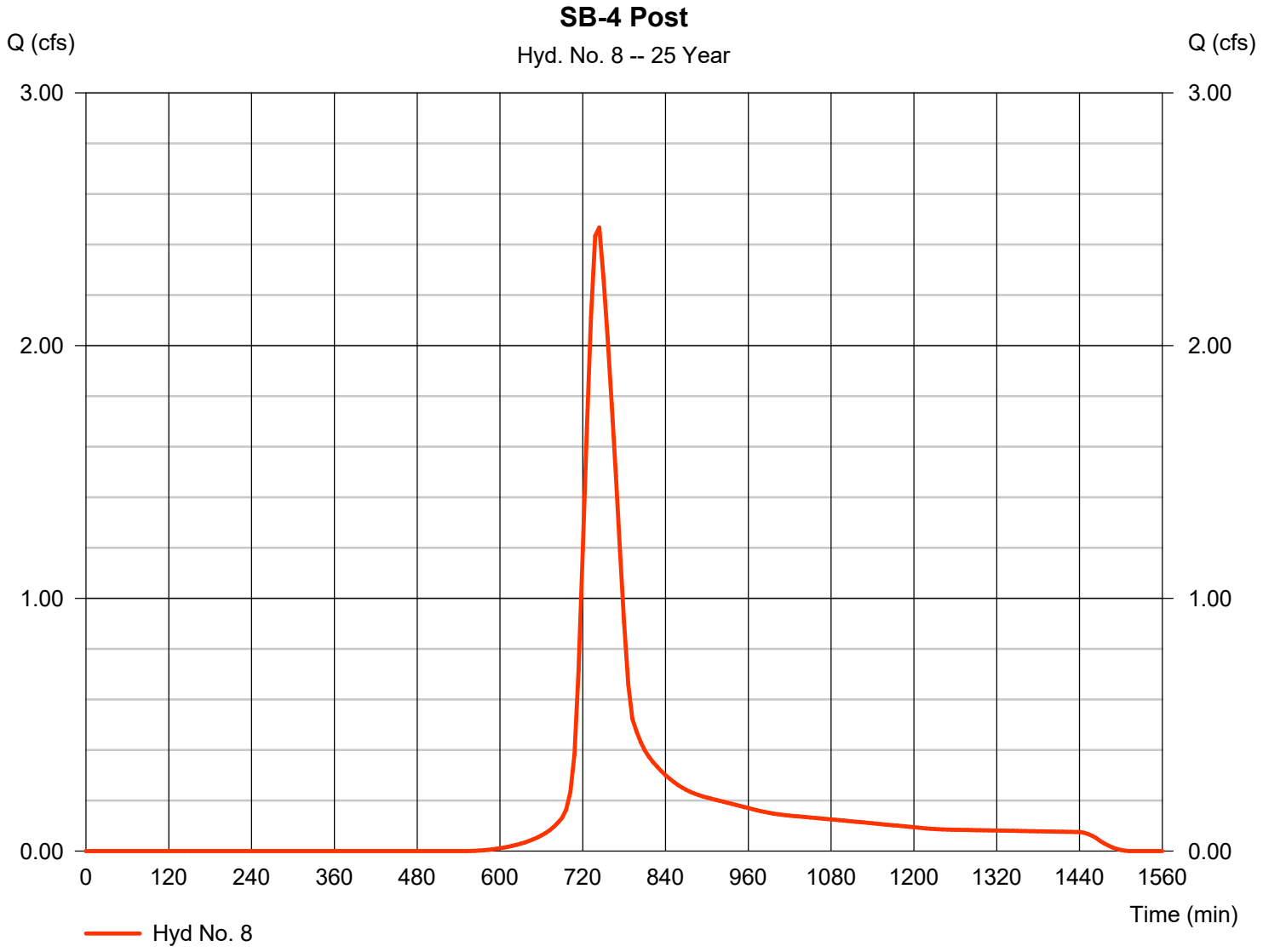


Hydrograph Report

Hyd. No. 8

SB-4 Post

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.467 cfs
Storm frequency	=	25 yrs	Time to peak	=	744 min
Time interval	=	6 min	Hyd. volume	=	14,046 cuft
Drainage area	=	3.610 ac	Curve number	=	85
Basin Slope	=	0.6 %	Hydraulic length	=	1524 ft
Tc method	=	LAG	Time of conc. (Tc)	=	48.82 min
Total precip.	=	2.40 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

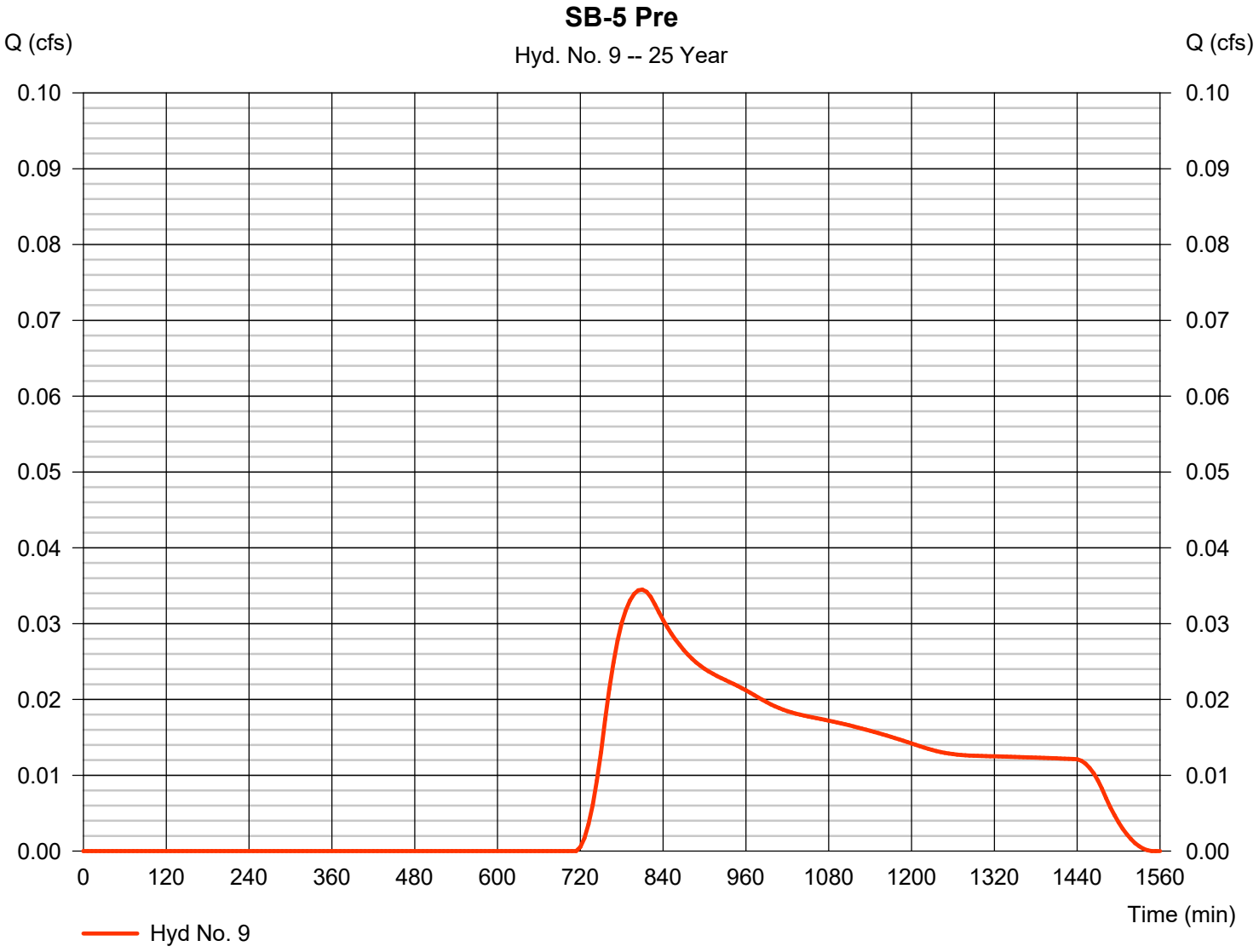


Hydrograph Report

Hyd. No. 9

SB-5 Pre

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.034 cfs
Storm frequency	=	25 yrs	Time to peak	=	810 min
Time interval	=	6 min	Hyd. volume	=	813 cuft
Drainage area	=	2.010 ac	Curve number	=	58
Basin Slope	=	1.2 %	Hydraulic length	=	1275 ft
Tc method	=	LAG	Time of conc. (Tc)	=	64.29 min
Total precip.	=	2.40 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

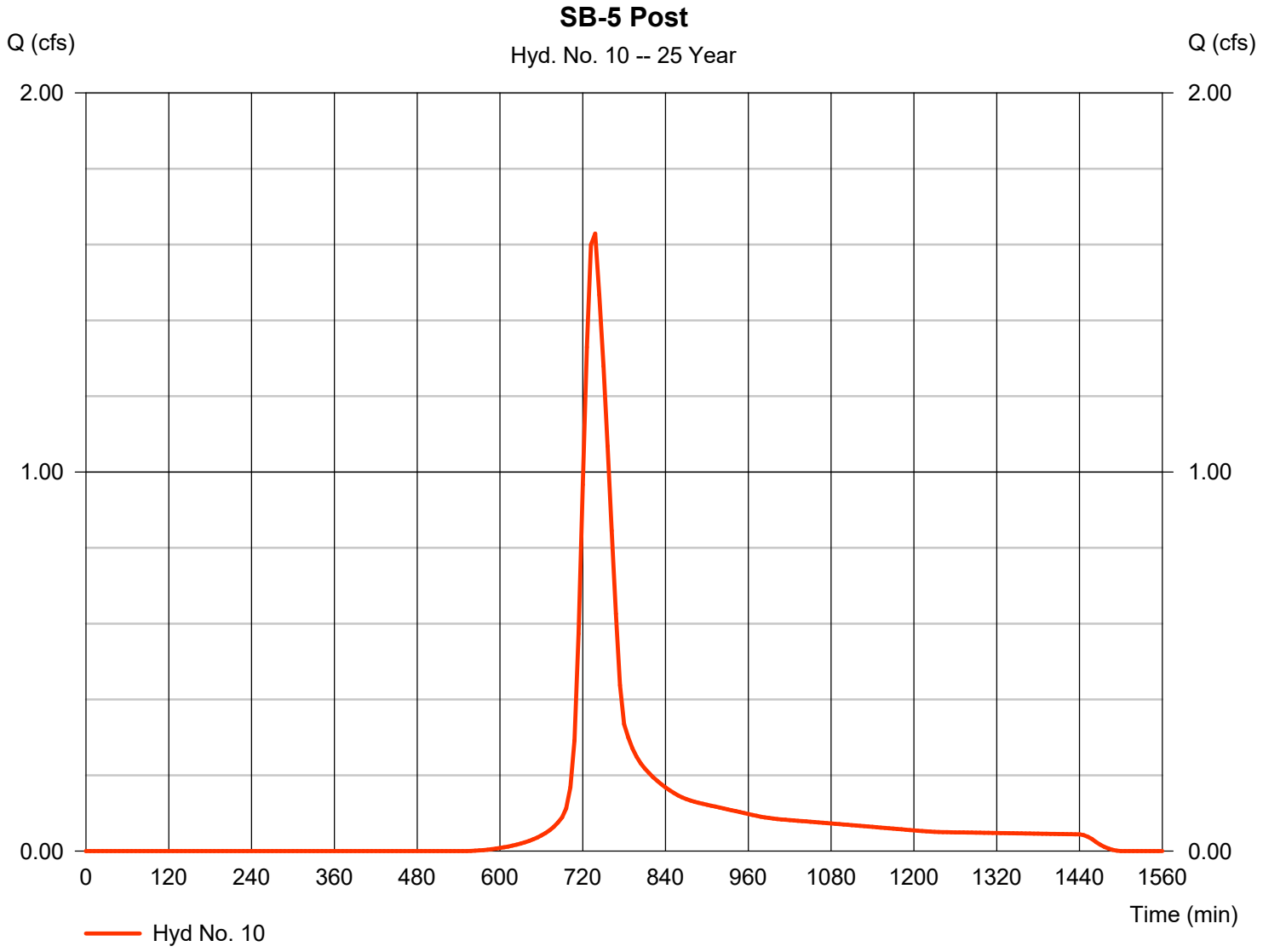


Hydrograph Report

Hyd. No. 10

SB-5 Post

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.629 cfs
Storm frequency	=	25 yrs	Time to peak	=	738 min
Time interval	=	6 min	Hyd. volume	=	8,272 cuft
Drainage area	=	2.010 ac	Curve number	=	85
Basin Slope	=	1.2 %	Hydraulic length	=	1275 ft
Tc method	=	LAG	Time of conc. (Tc)	=	29.93 min
Total precip.	=	2.40 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

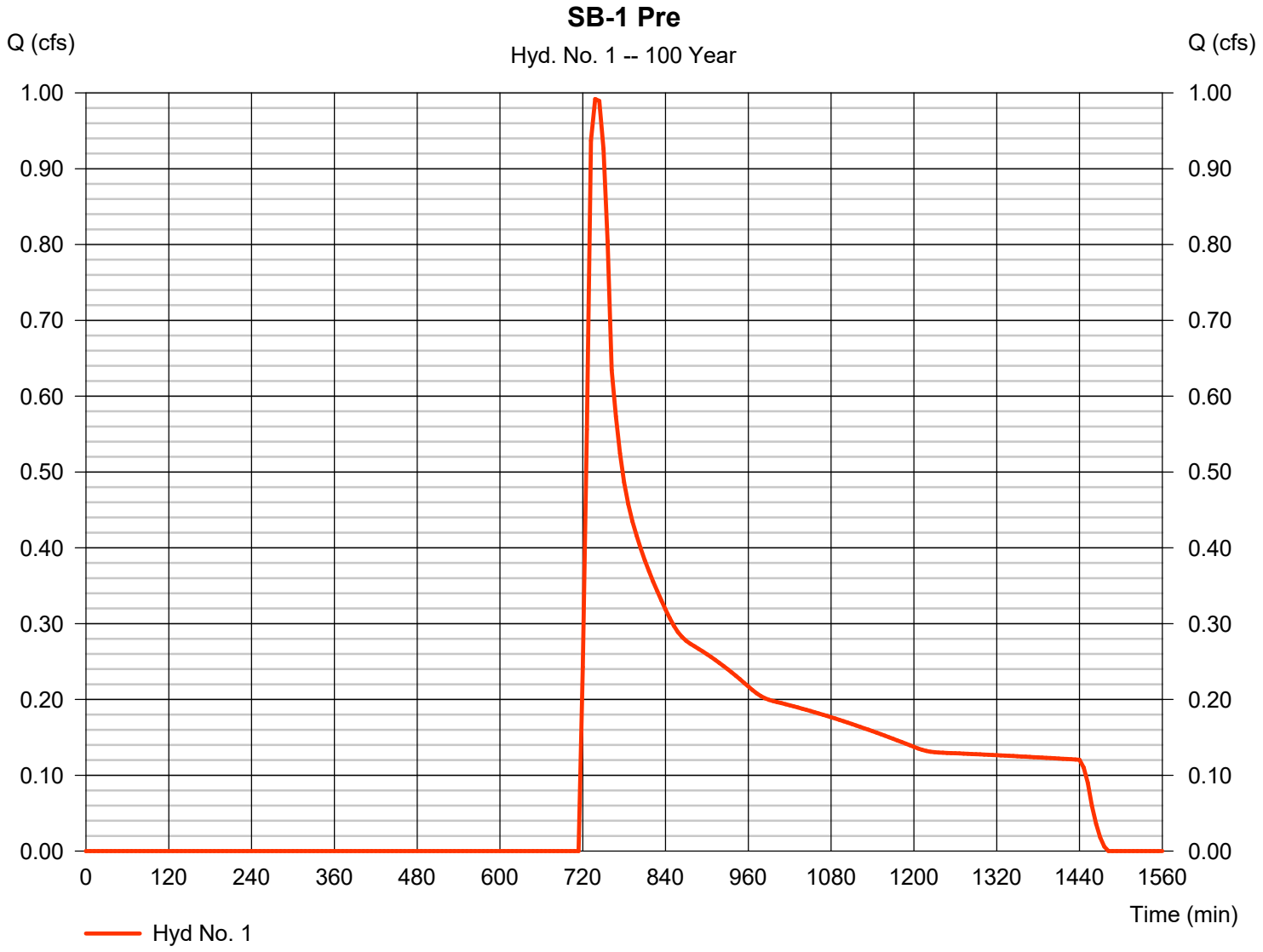


Hydrograph Report

Hyd. No. 1

SB-1 Pre

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.992 cfs
Storm frequency	=	100 yrs	Time to peak	=	738 min
Time interval	=	6 min	Hyd. volume	=	10,433 cuft
Drainage area	=	12.120 ac	Curve number	=	58
Basin Slope	=	3.4 %	Hydraulic length	=	765 ft
Tc method	=	LAG	Time of conc. (Tc)	=	25.38 min
Total precip.	=	2.90 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

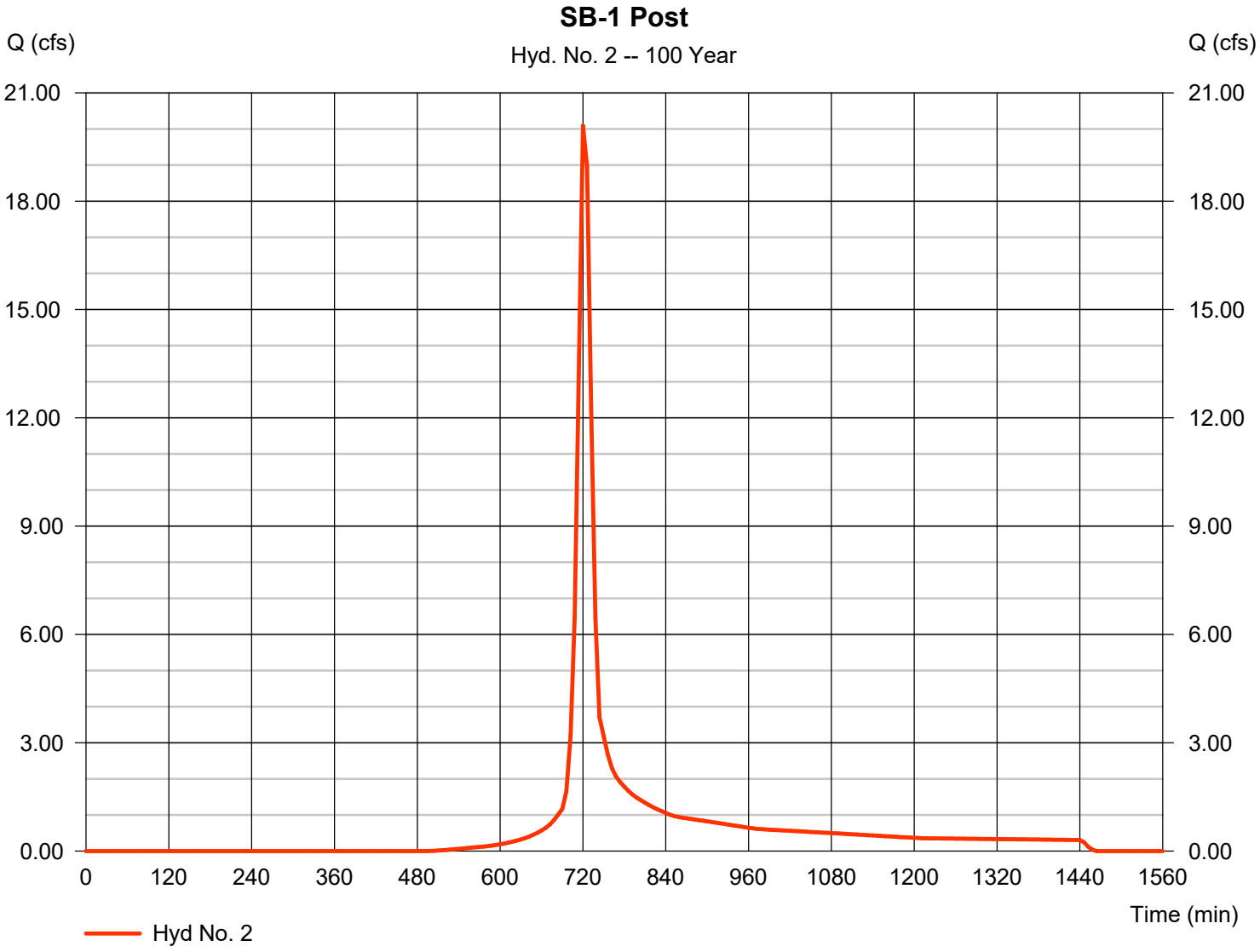


Hydrograph Report

Hyd. No. 2

SB-1 Post

Hydrograph type	=	SCS Runoff	Peak discharge	=	20.09 cfs
Storm frequency	=	100 yrs	Time to peak	=	720 min
Time interval	=	6 min	Hyd. volume	=	62,059 cuft
Drainage area	=	12.120 ac	Curve number	=	85
Basin Slope	=	3.4 %	Hydraulic length	=	765 ft
Tc method	=	LAG	Time of conc. (Tc)	=	11.82 min
Total precip.	=	2.90 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

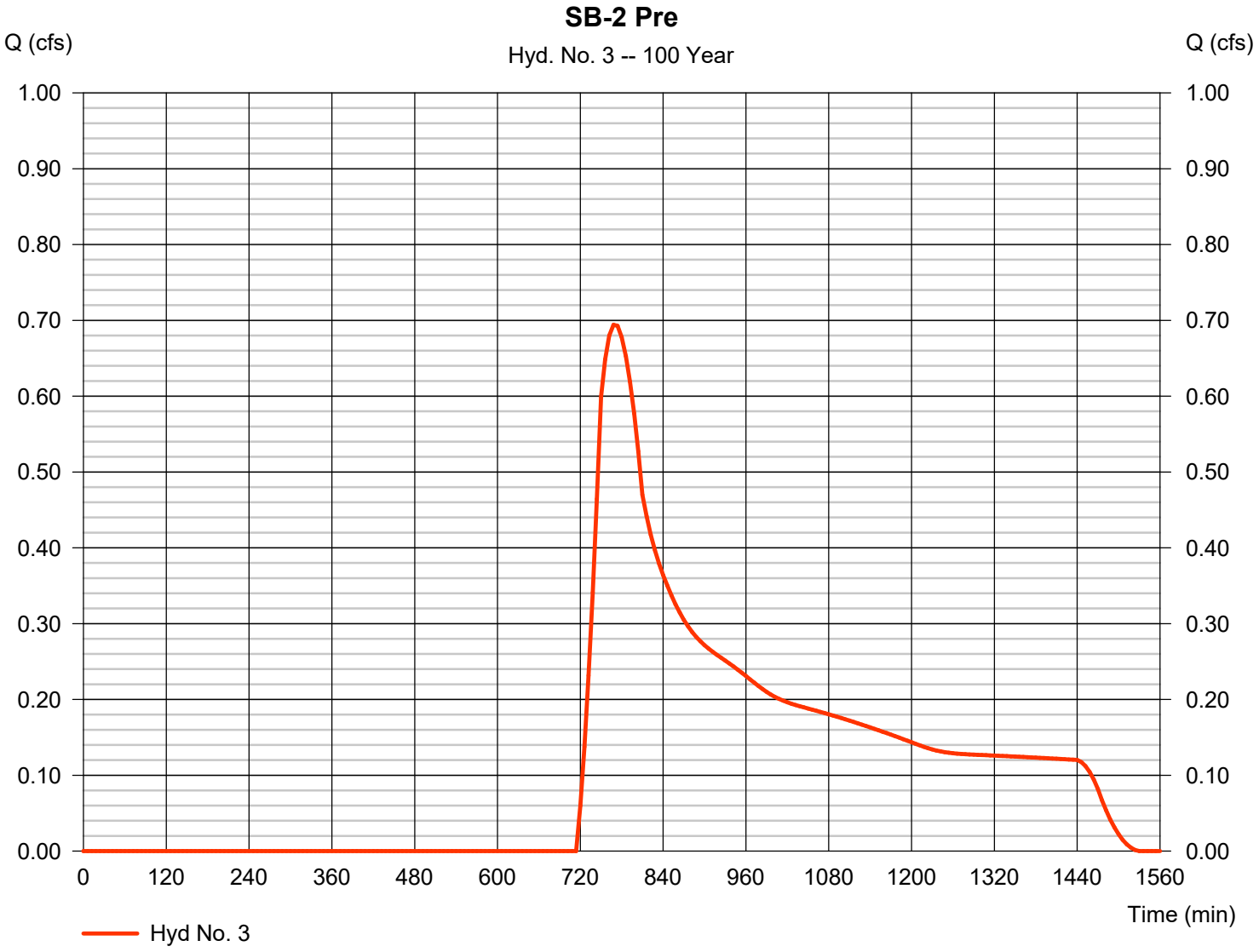


Hydrograph Report

Hyd. No. 3

SB-2 Pre

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.694 cfs
Storm frequency	=	100 yrs	Time to peak	=	768 min
Time interval	=	6 min	Hyd. volume	=	10,313 cuft
Drainage area	=	11.980 ac	Curve number	=	58
Basin Slope	=	2.5 %	Hydraulic length	=	1610 ft
Tc method	=	LAG	Time of conc. (Tc)	=	53.68 min
Total precip.	=	2.90 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

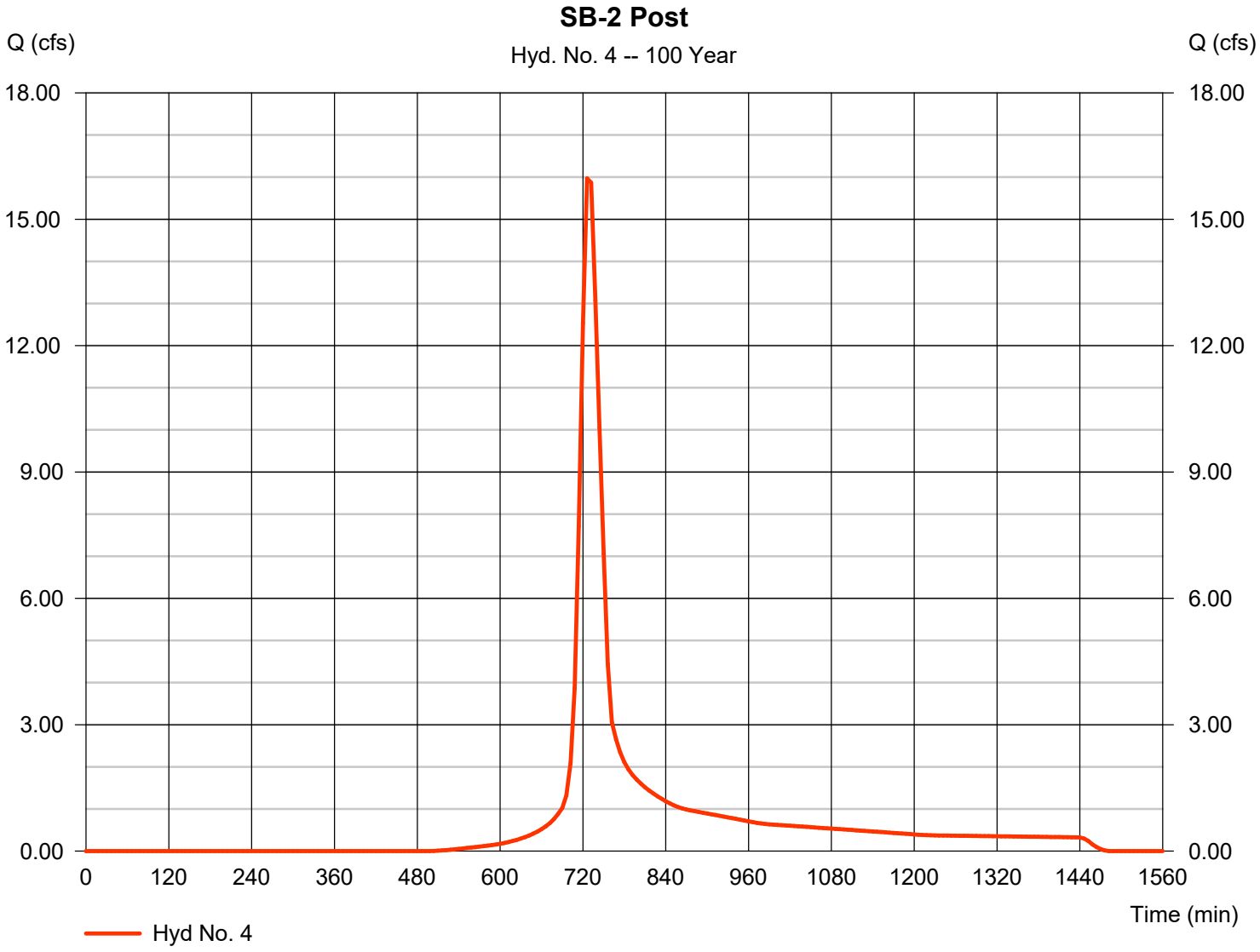


Hydrograph Report

Hyd. No. 4

SB-2 Post

Hydrograph type	=	SCS Runoff	Peak discharge	=	15.97 cfs
Storm frequency	=	100 yrs	Time to peak	=	726 min
Time interval	=	6 min	Hyd. volume	=	65,431 cuft
Drainage area	=	11.980 ac	Curve number	=	85
Basin Slope	=	2.5 %	Hydraulic length	=	1610 ft
Tc method	=	LAG	Time of conc. (Tc)	=	24.99 min
Total precip.	=	2.90 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

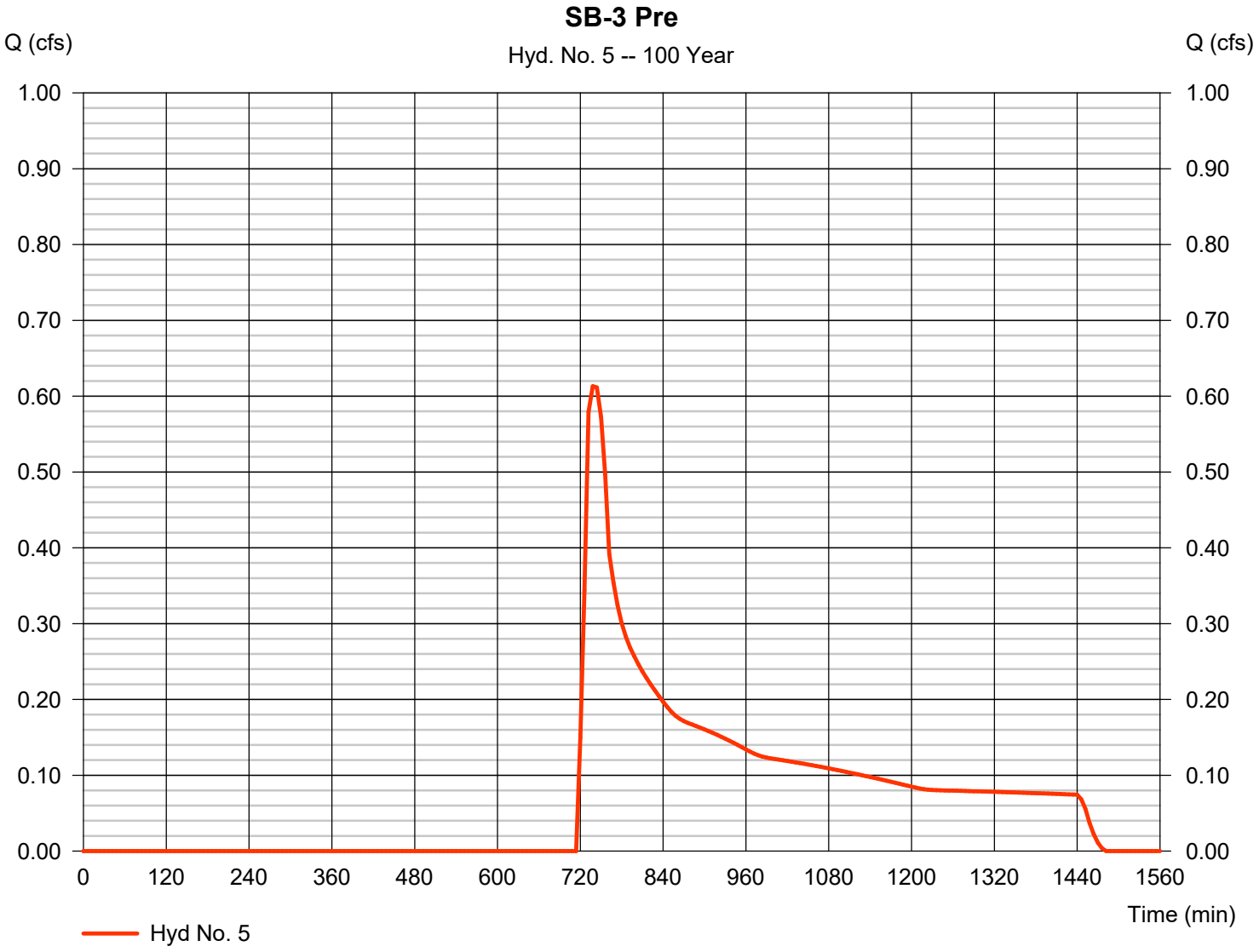


Hydrograph Report

Hyd. No. 5

SB-3 Pre

Hydrograph type	= SCS Runoff	Peak discharge	= 0.613 cfs
Storm frequency	= 100 yrs	Time to peak	= 738 min
Time interval	= 6 min	Hyd. volume	= 6,448 cuft
Drainage area	= 7.490 ac	Curve number	= 58
Basin Slope	= 2.1 %	Hydraulic length	= 615 ft
Tc method	= LAG	Time of conc. (Tc)	= 27.12 min
Total precip.	= 2.90 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

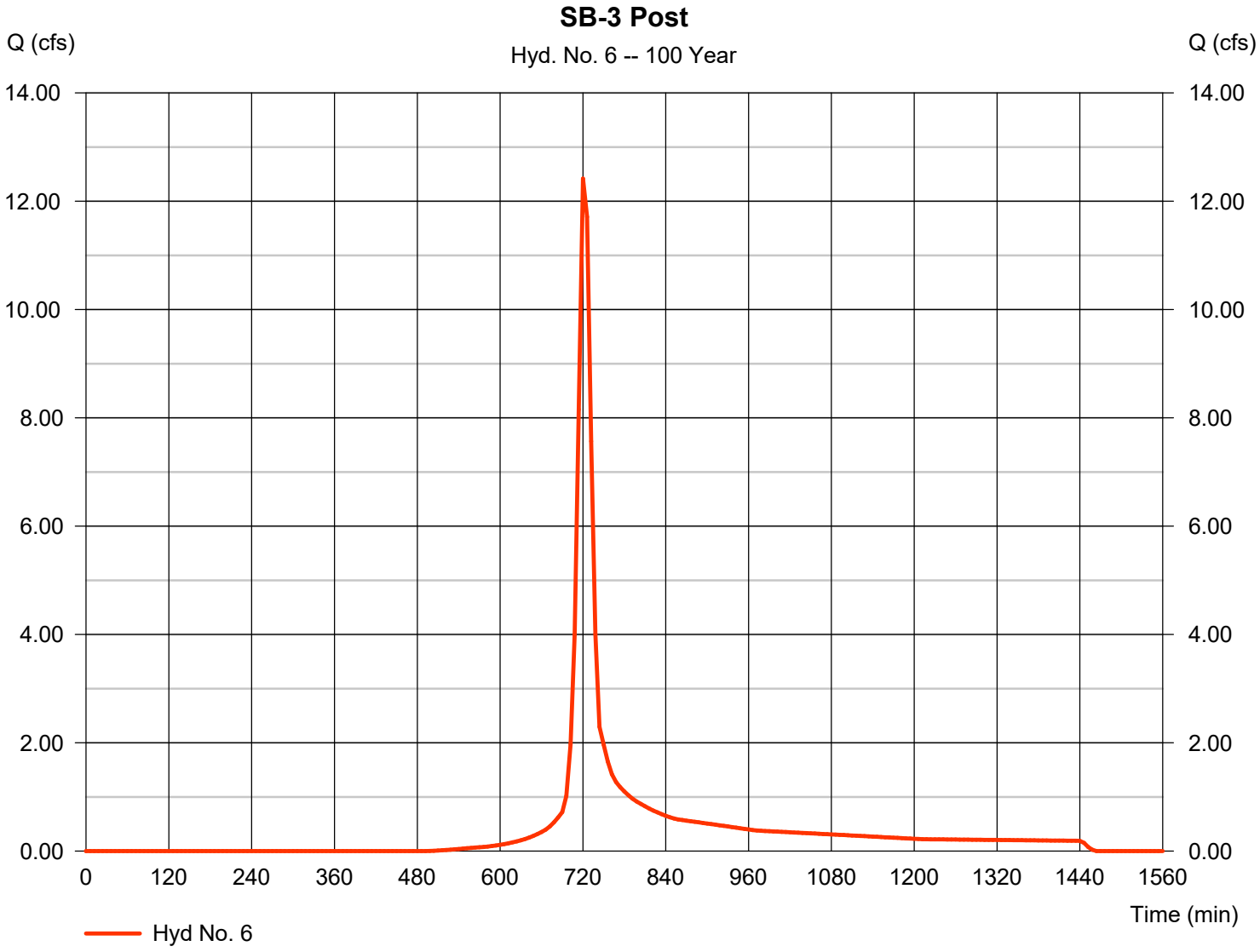


Hydrograph Report

Hyd. No. 6

SB-3 Post

Hydrograph type	=	SCS Runoff	Peak discharge	=	12.42 cfs
Storm frequency	=	100 yrs	Time to peak	=	720 min
Time interval	=	6 min	Hyd. volume	=	38,351 cuft
Drainage area	=	7.490 ac	Curve number	=	85
Basin Slope	=	2.1 %	Hydraulic length	=	615 ft
Tc method	=	LAG	Time of conc. (Tc)	=	12.63 min
Total precip.	=	2.90 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

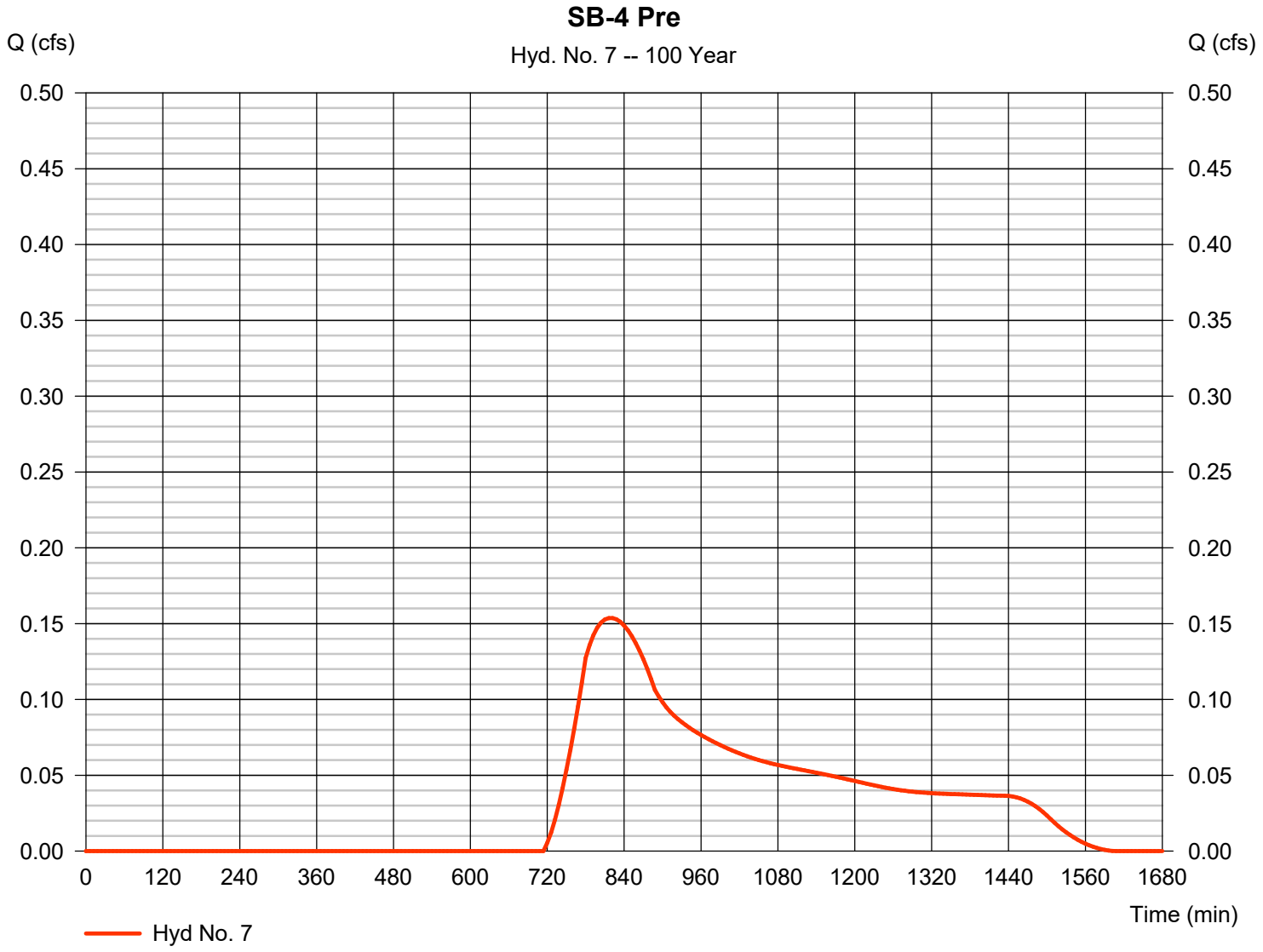


Hydrograph Report

Hyd. No. 7

SB-4 Pre

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.154 cfs
Storm frequency	=	100 yrs	Time to peak	=	822 min
Time interval	=	6 min	Hyd. volume	=	3,072 cuft
Drainage area	=	3.610 ac	Curve number	=	58
Basin Slope	=	0.6 %	Hydraulic length	=	1524 ft
Tc method	=	LAG	Time of conc. (Tc)	=	104.86 min
Total precip.	=	2.90 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

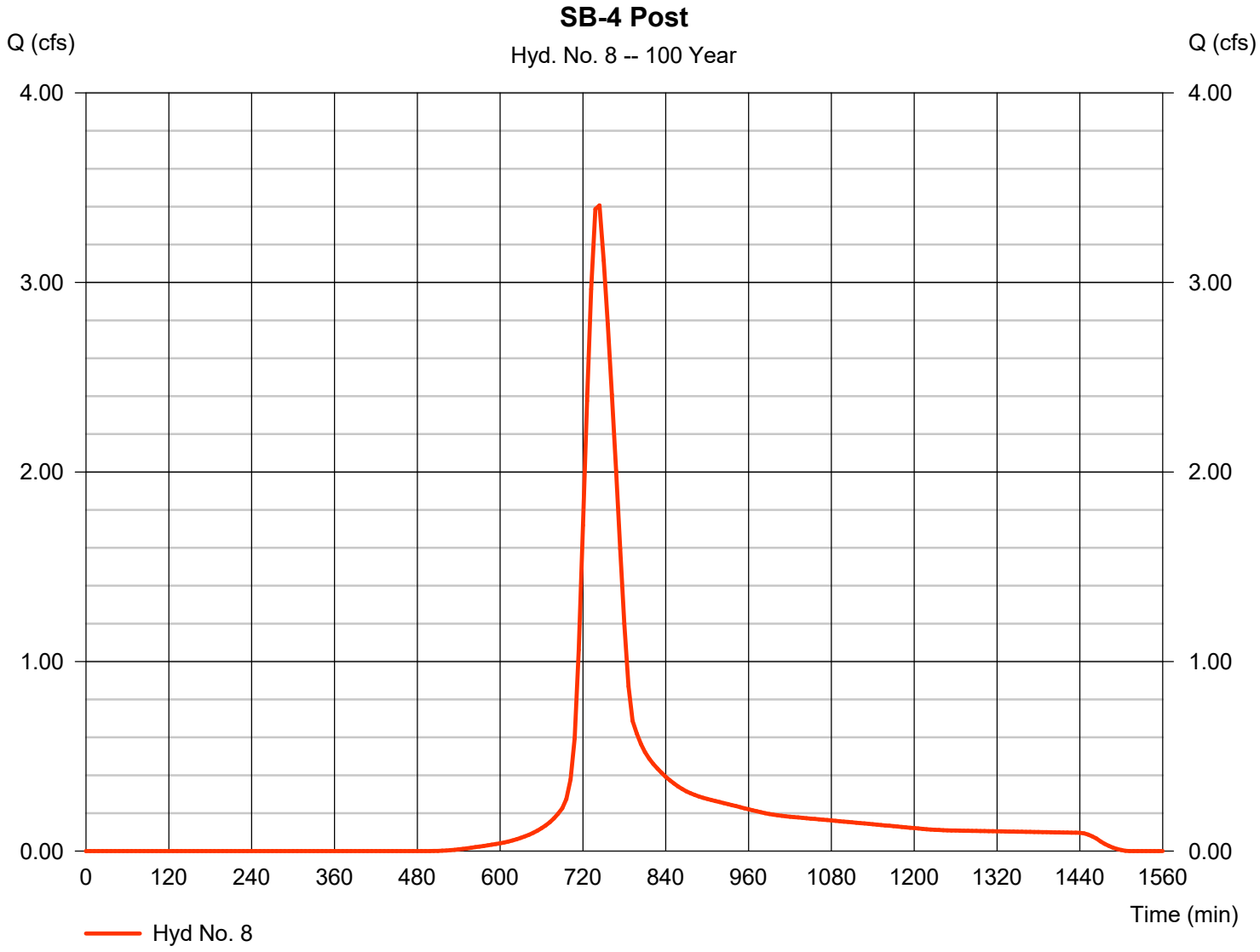


Hydrograph Report

Hyd. No. 8

SB-4 Post

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.407 cfs
Storm frequency	=	100 yrs	Time to peak	=	744 min
Time interval	=	6 min	Hyd. volume	=	19,224 cuft
Drainage area	=	3.610 ac	Curve number	=	85
Basin Slope	=	0.6 %	Hydraulic length	=	1524 ft
Tc method	=	LAG	Time of conc. (Tc)	=	48.82 min
Total precip.	=	2.90 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

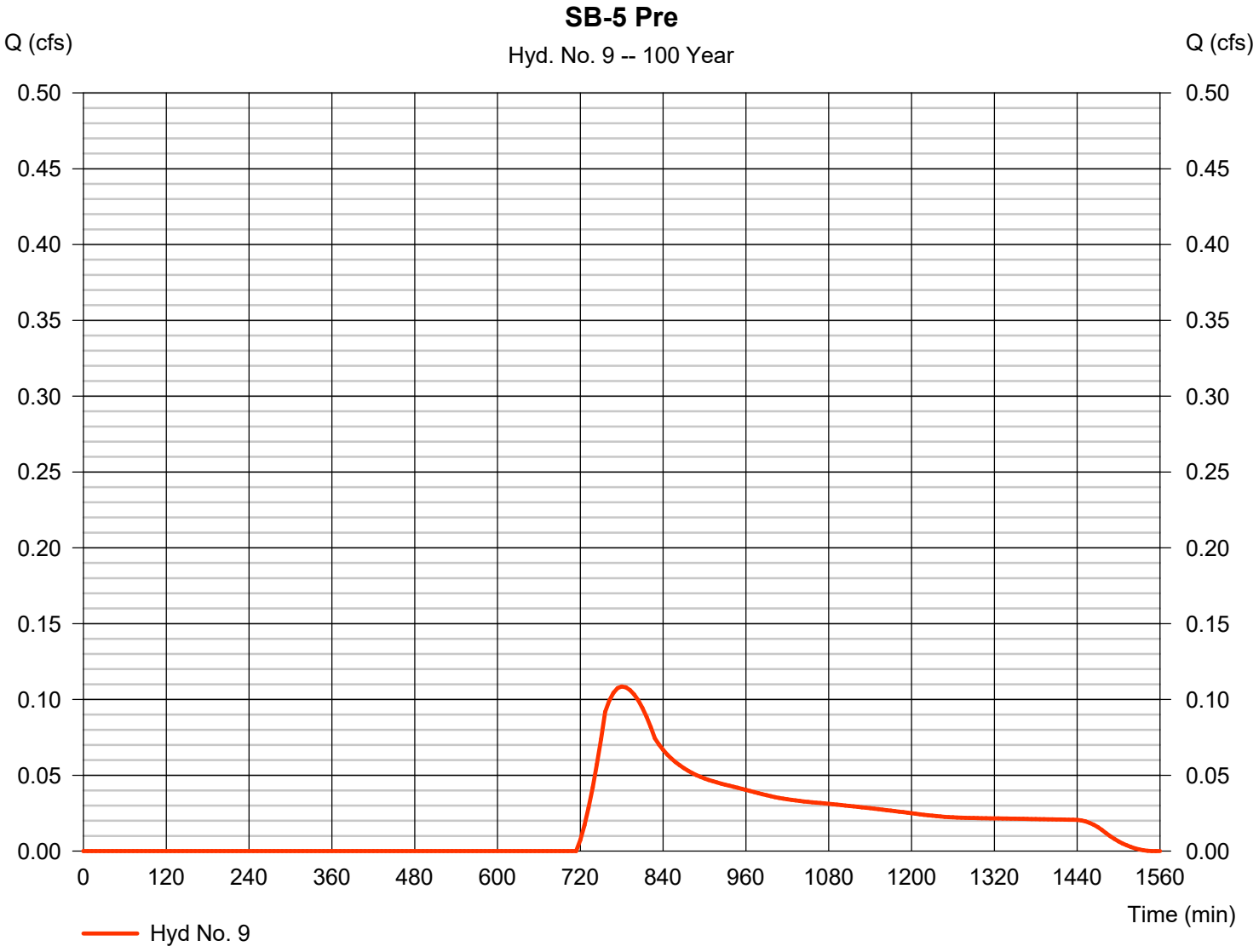


Hydrograph Report

Hyd. No. 9

SB-5 Pre

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.109 cfs
Storm frequency	=	100 yrs	Time to peak	=	780 min
Time interval	=	6 min	Hyd. volume	=	1,761 cuft
Drainage area	=	2.010 ac	Curve number	=	58
Basin Slope	=	1.2 %	Hydraulic length	=	1275 ft
Tc method	=	LAG	Time of conc. (Tc)	=	64.29 min
Total precip.	=	2.90 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



Hydrograph Report

Hyd. No. 10

SB-5 Post

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.247 cfs
Storm frequency	=	100 yrs	Time to peak	=	738 min
Time interval	=	6 min	Hyd. volume	=	11,321 cuft
Drainage area	=	2.010 ac	Curve number	=	85
Basin Slope	=	1.2 %	Hydraulic length	=	1275 ft
Tc method	=	LAG	Time of conc. (Tc)	=	29.93 min
Total precip.	=	2.90 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484