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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

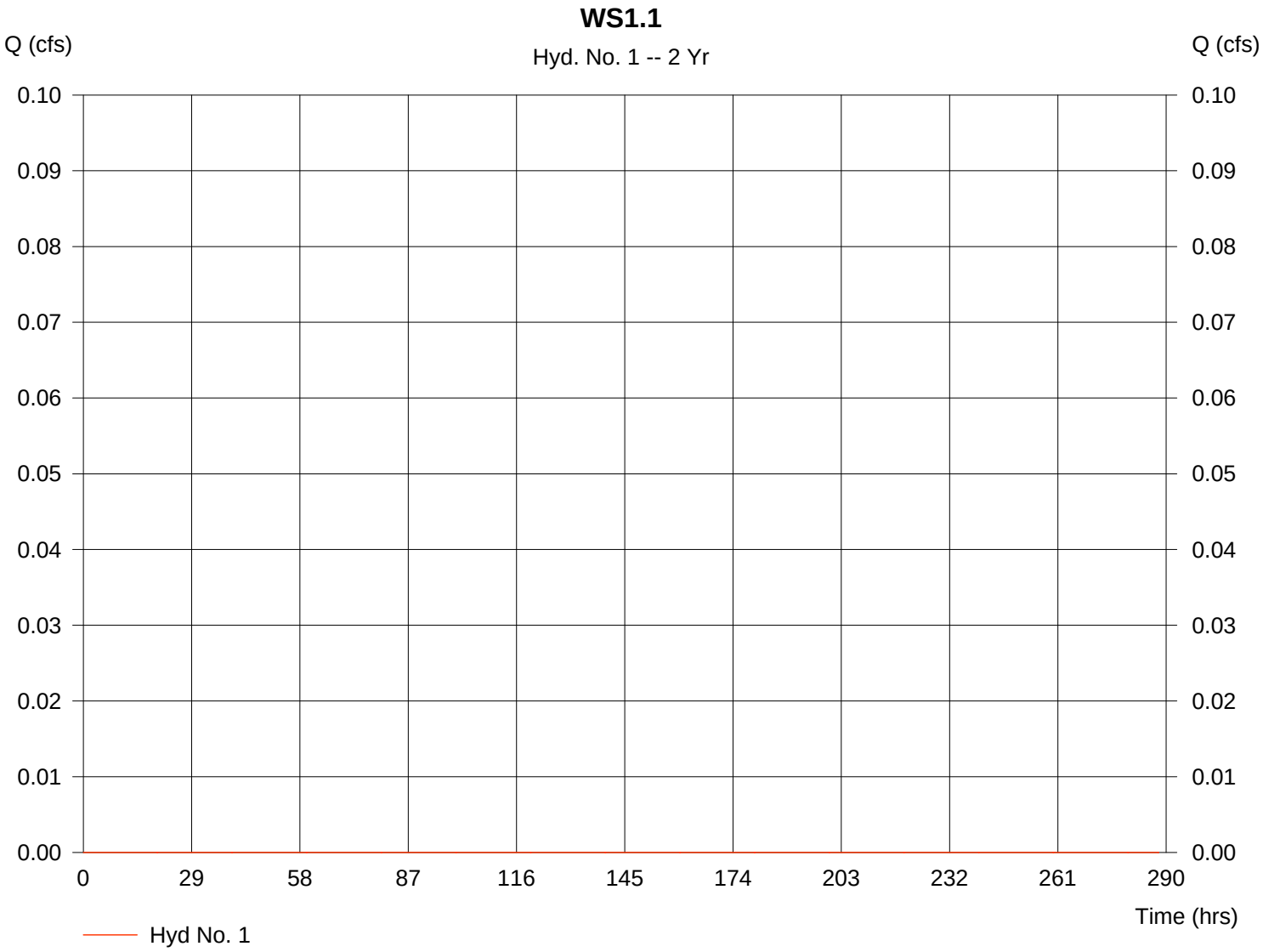
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 1

WS1.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 427.000 ac	Curve number	= 65
Basin Slope	= 21.8 %	Hydraulic length	= 7290 ft
Tc method	= LAG	Time of conc. (Tc)	= 50.80 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

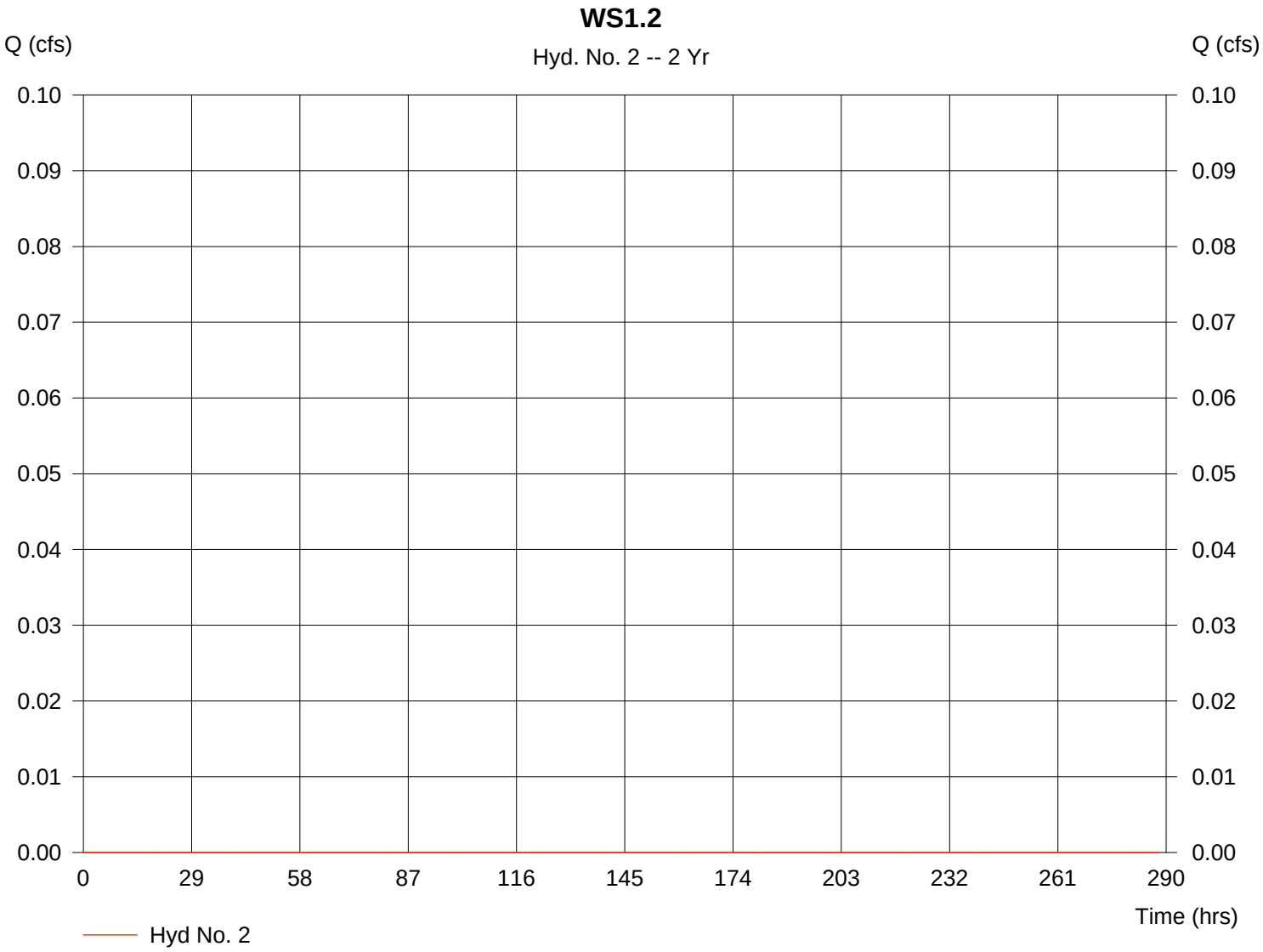
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 2

WS1.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 566.000 ac	Curve number	= 65
Basin Slope	= 4.3 %	Hydraulic length	= 7520 ft
Tc method	= LAG	Time of conc. (Tc)	= 118.00 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

Wednesday, Nov 30 2005, 7:43 AM

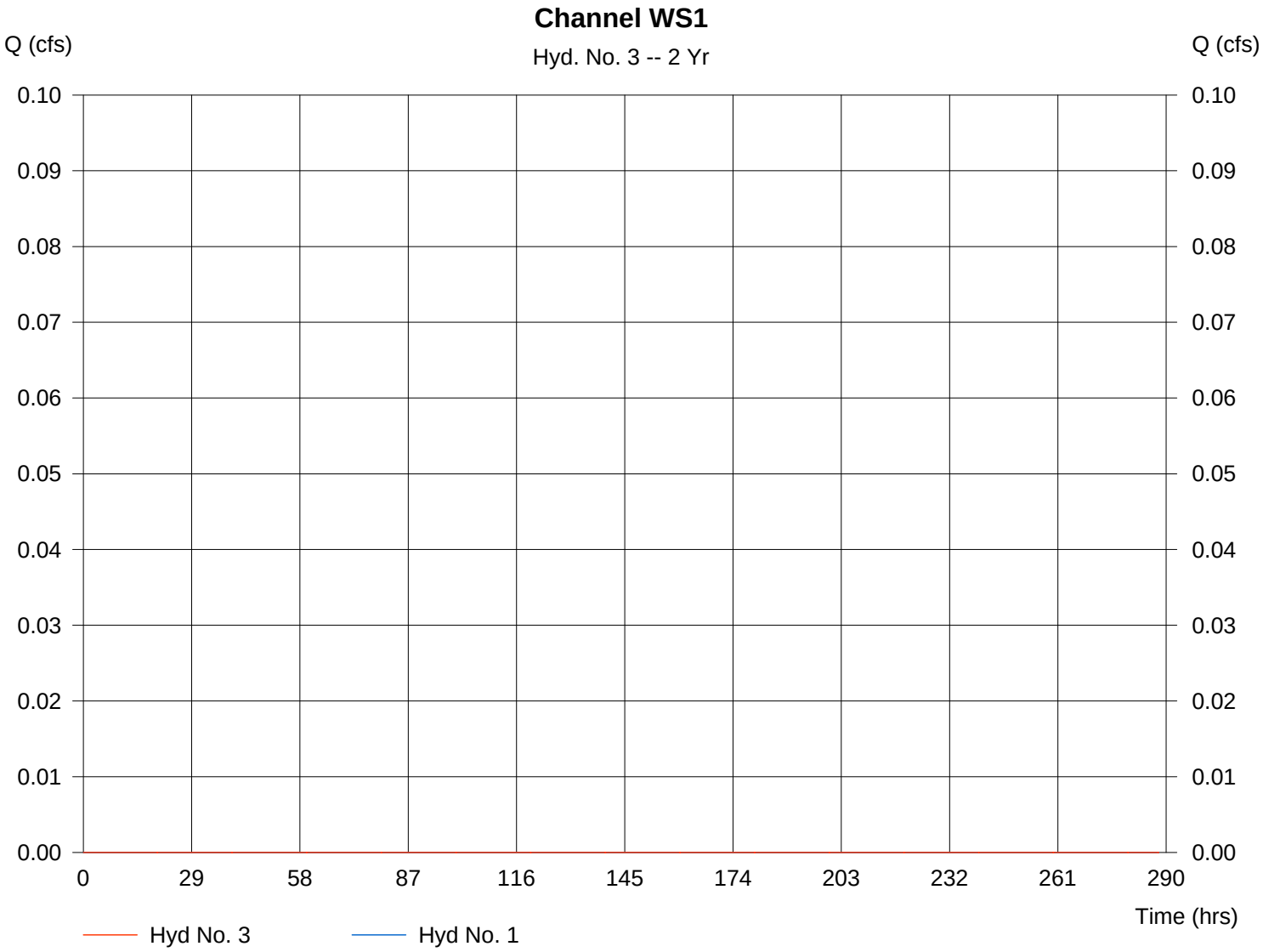
Hyd. No. 3

Channel WS1

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	7520.0 ft	Channel slope	=	4.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.561	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.1099

Modified Att-Kin routing method used.

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

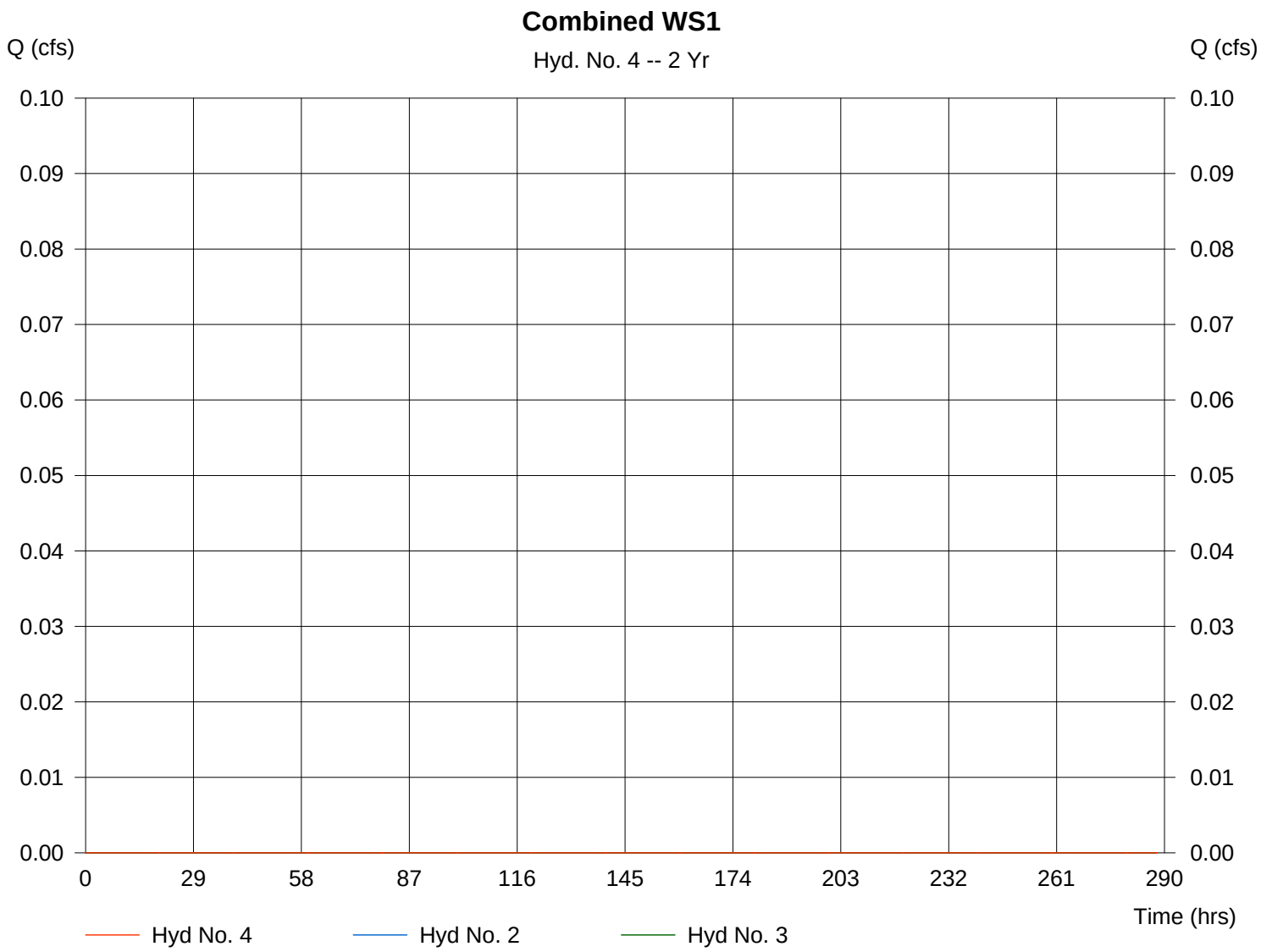
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 4

Combined WS1

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

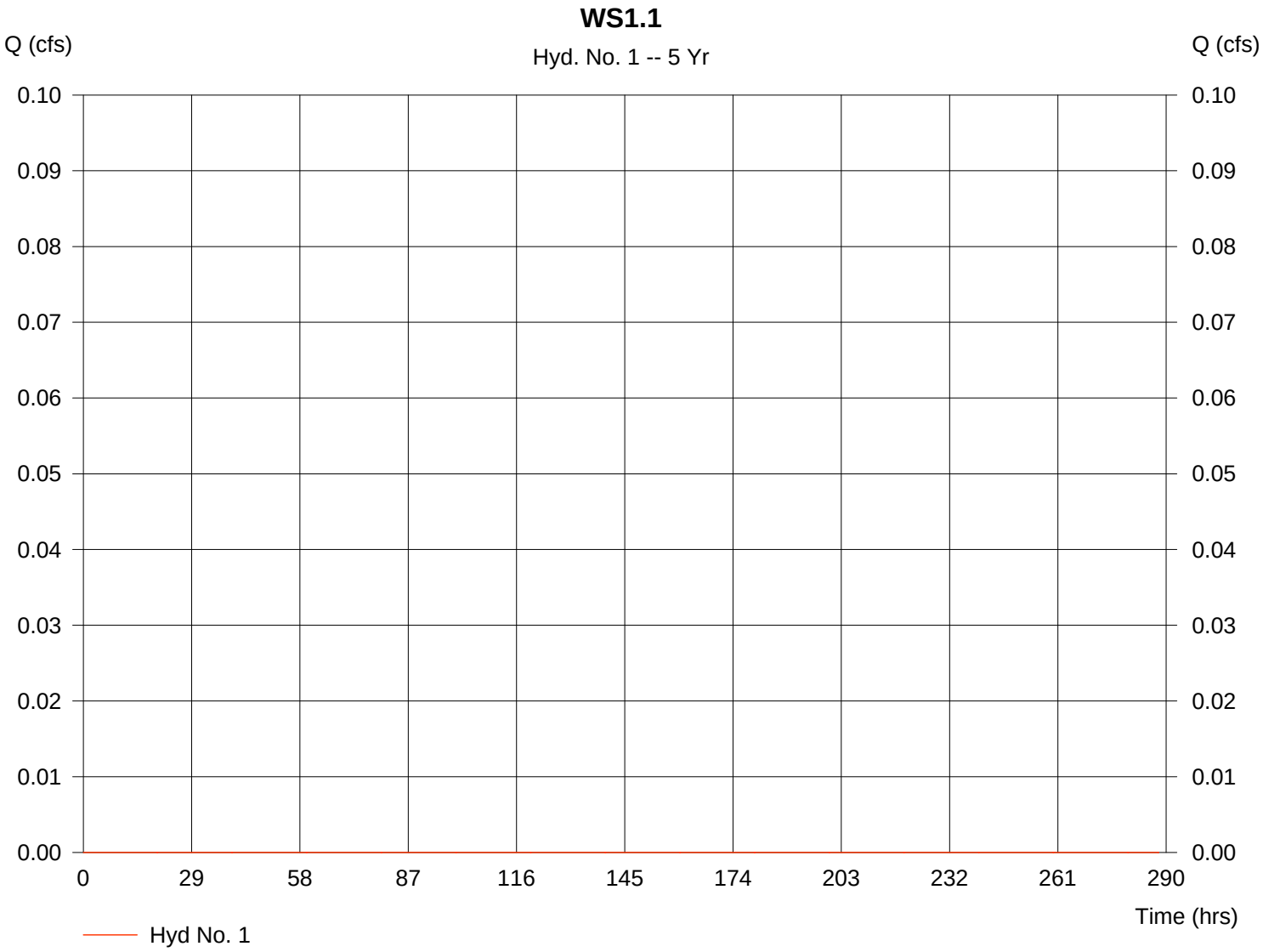
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 1

WS1.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 427.000 ac	Curve number	= 65
Basin Slope	= 21.8 %	Hydraulic length	= 7290 ft
Tc method	= LAG	Time of conc. (Tc)	= 50.80 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

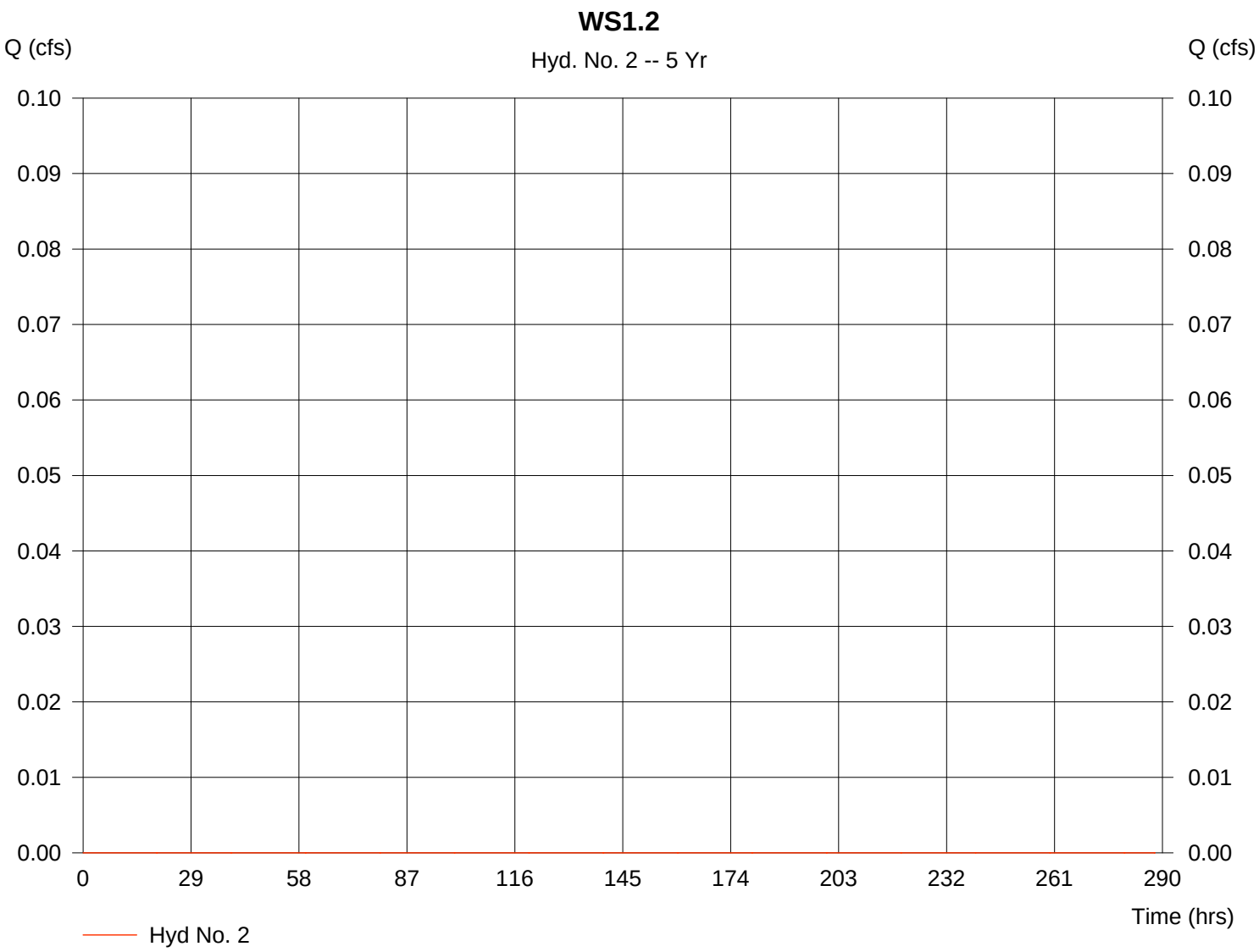
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 2

WS1.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 566.000 ac	Curve number	= 65
Basin Slope	= 4.3 %	Hydraulic length	= 7520 ft
Tc method	= LAG	Time of conc. (Tc)	= 118.00 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

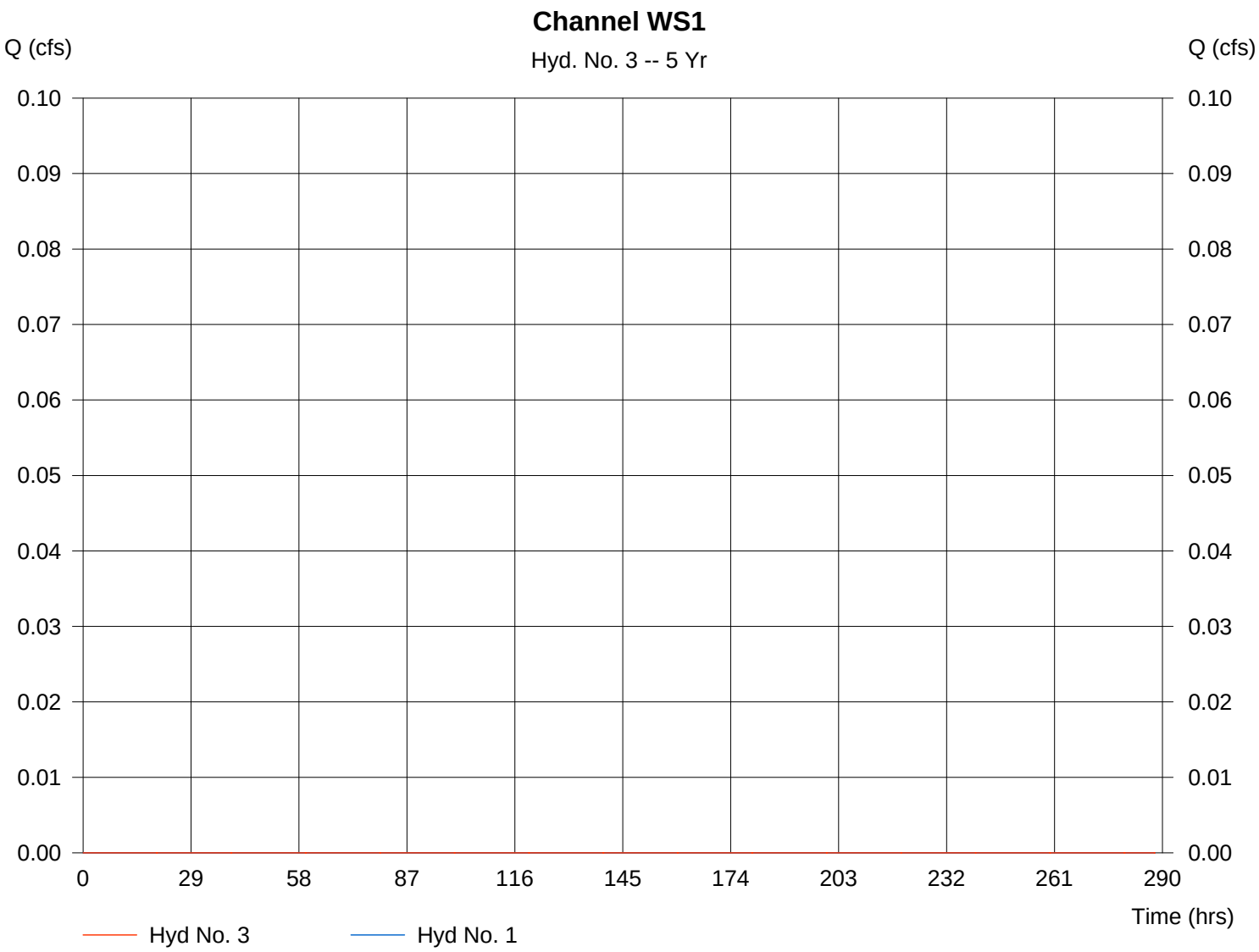
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 3

Channel WS1

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	7520.0 ft	Channel slope	=	4.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.561	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.1713

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

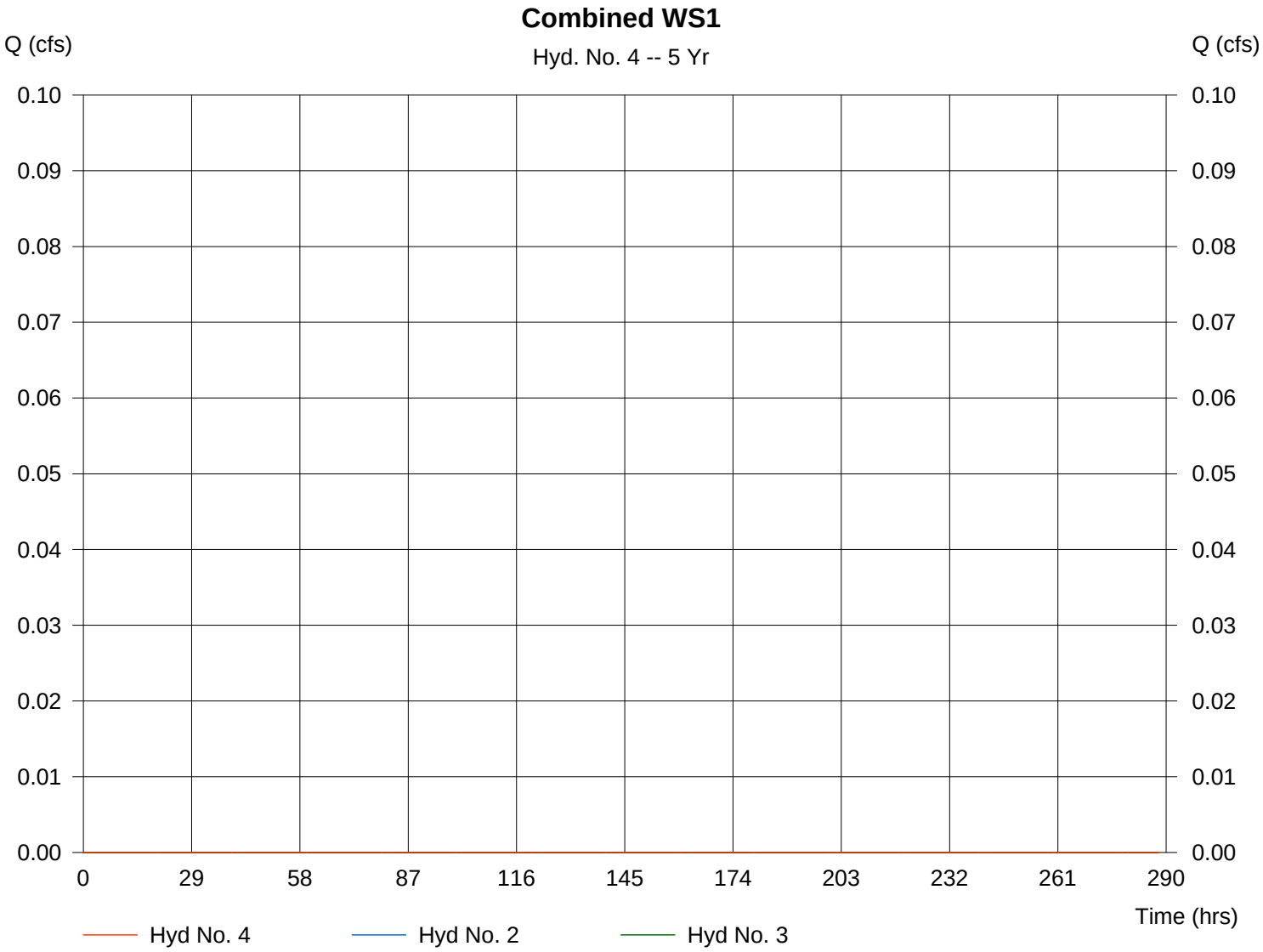
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 4

Combined WS1

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

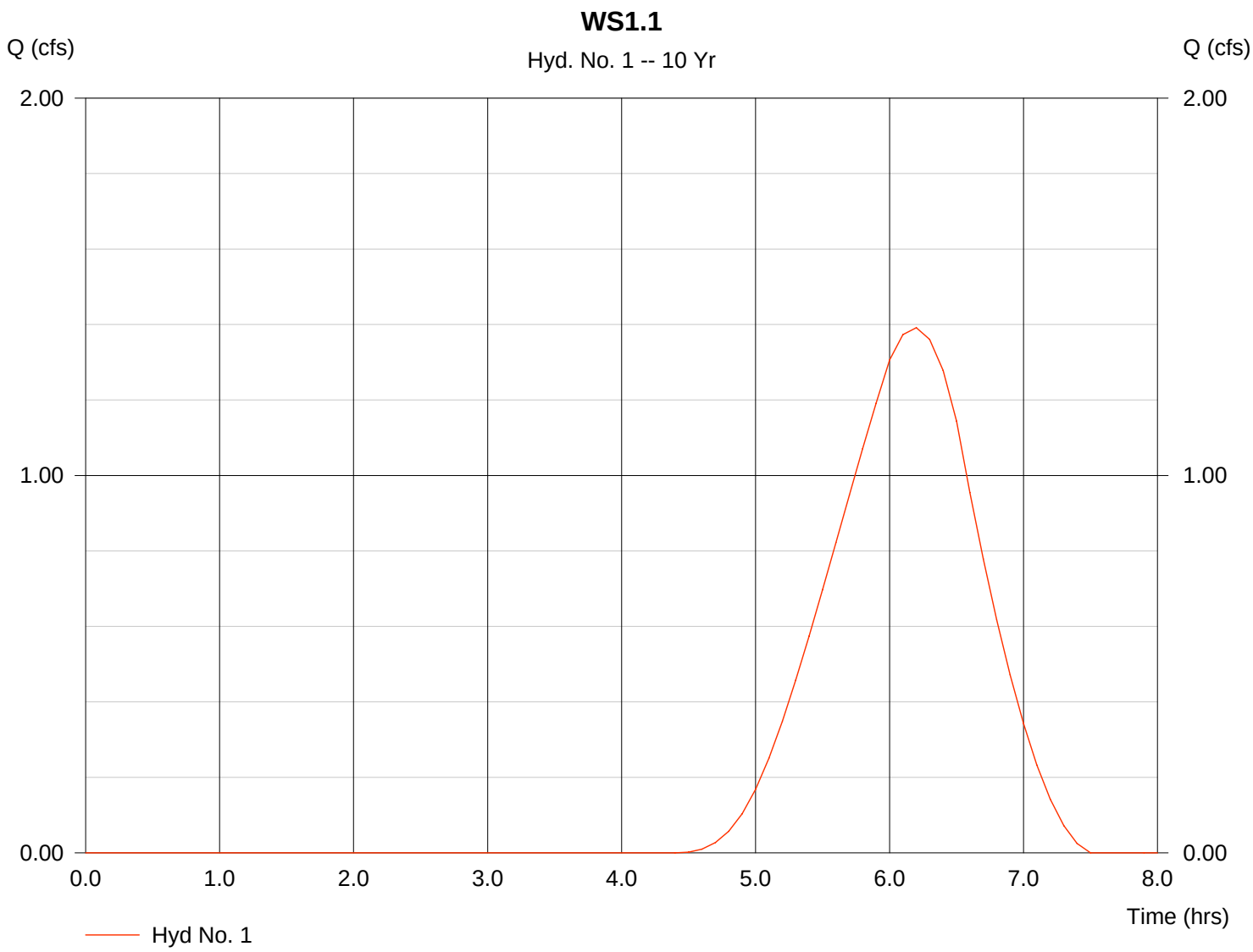
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 1

WS1.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.39 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	427.000 ac	Curve number	=	65
Basin Slope	=	21.8 %	Hydraulic length	=	7290 ft
Tc method	=	LAG	Time of conc. (Tc)	=	50.80 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 6,559 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

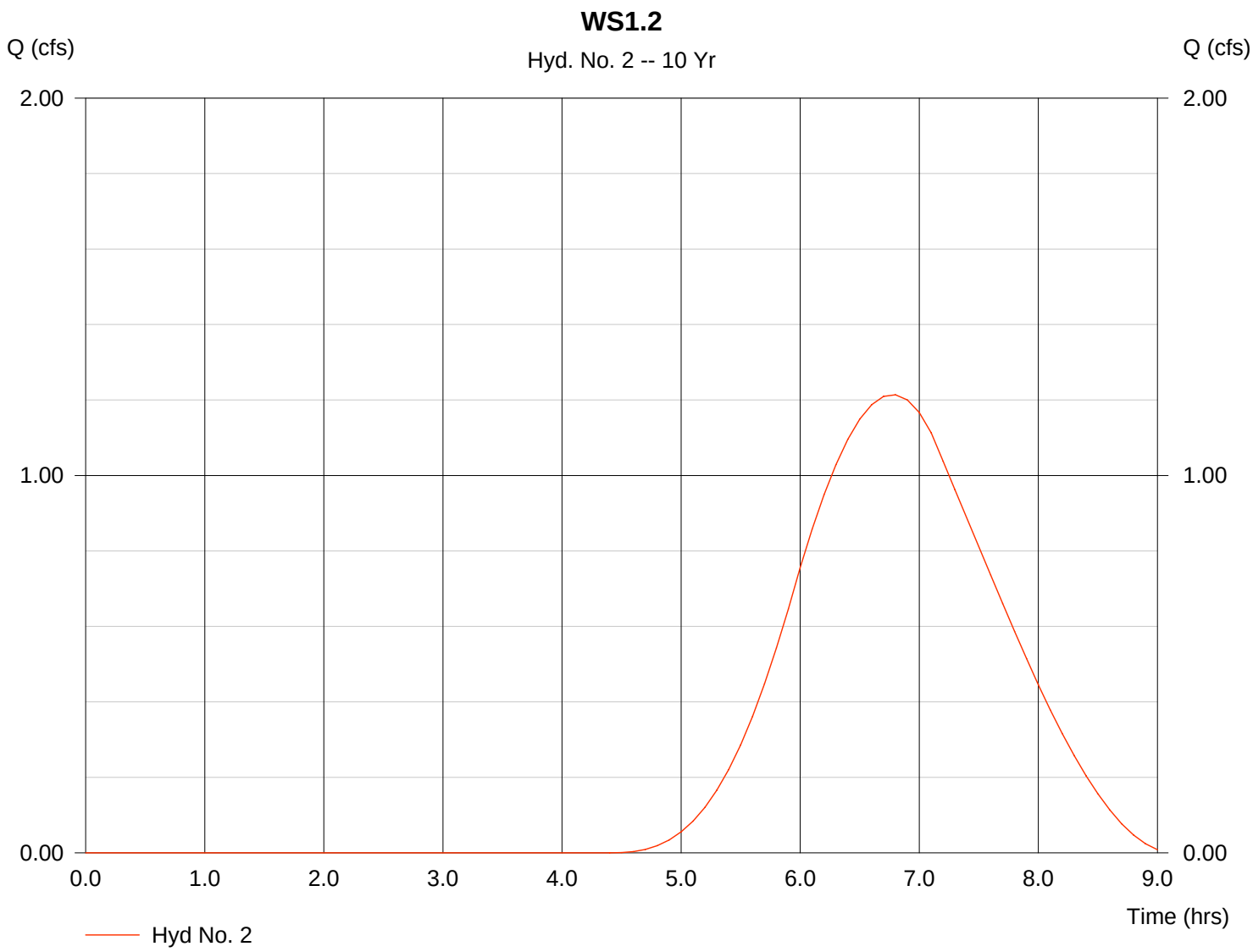
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 2

WS1.2

Hydrograph type	= SCS Runoff	Peak discharge	= 1.21 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 566.000 ac	Curve number	= 65
Basin Slope	= 4.3 %	Hydraulic length	= 7520 ft
Tc method	= LAG	Time of conc. (Tc)	= 118.00 min
Total precip.	= 1.23 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 8,694 cuft



Hydrograph Plot

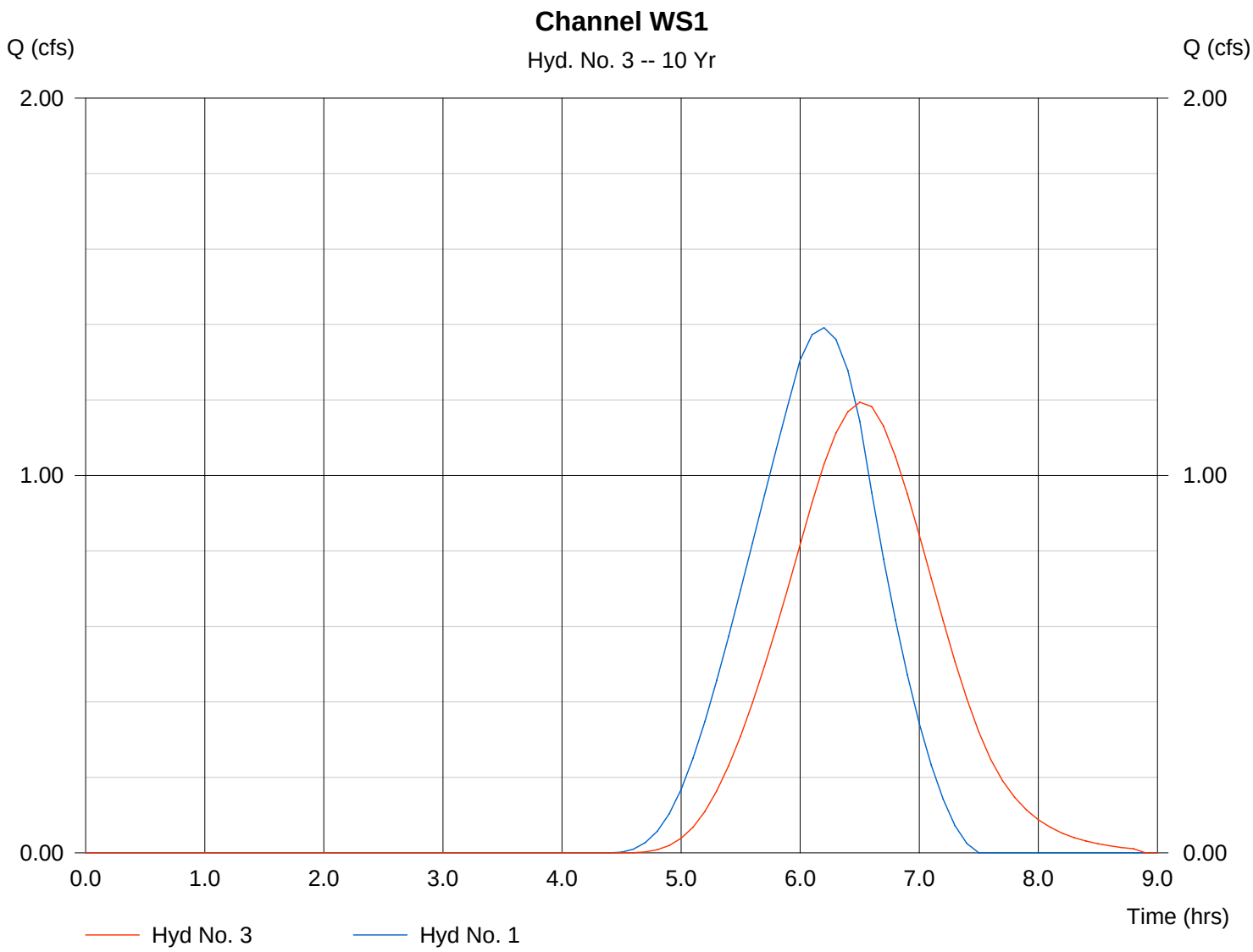
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 3

Channel WS1

Hydrograph type	=	Reach	Peak discharge	=	1.19 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	7520.0 ft	Channel slope	=	4.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.561	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.2282

Modified Att-Kin routing method used. | Hydrograph Volume = 6,545 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

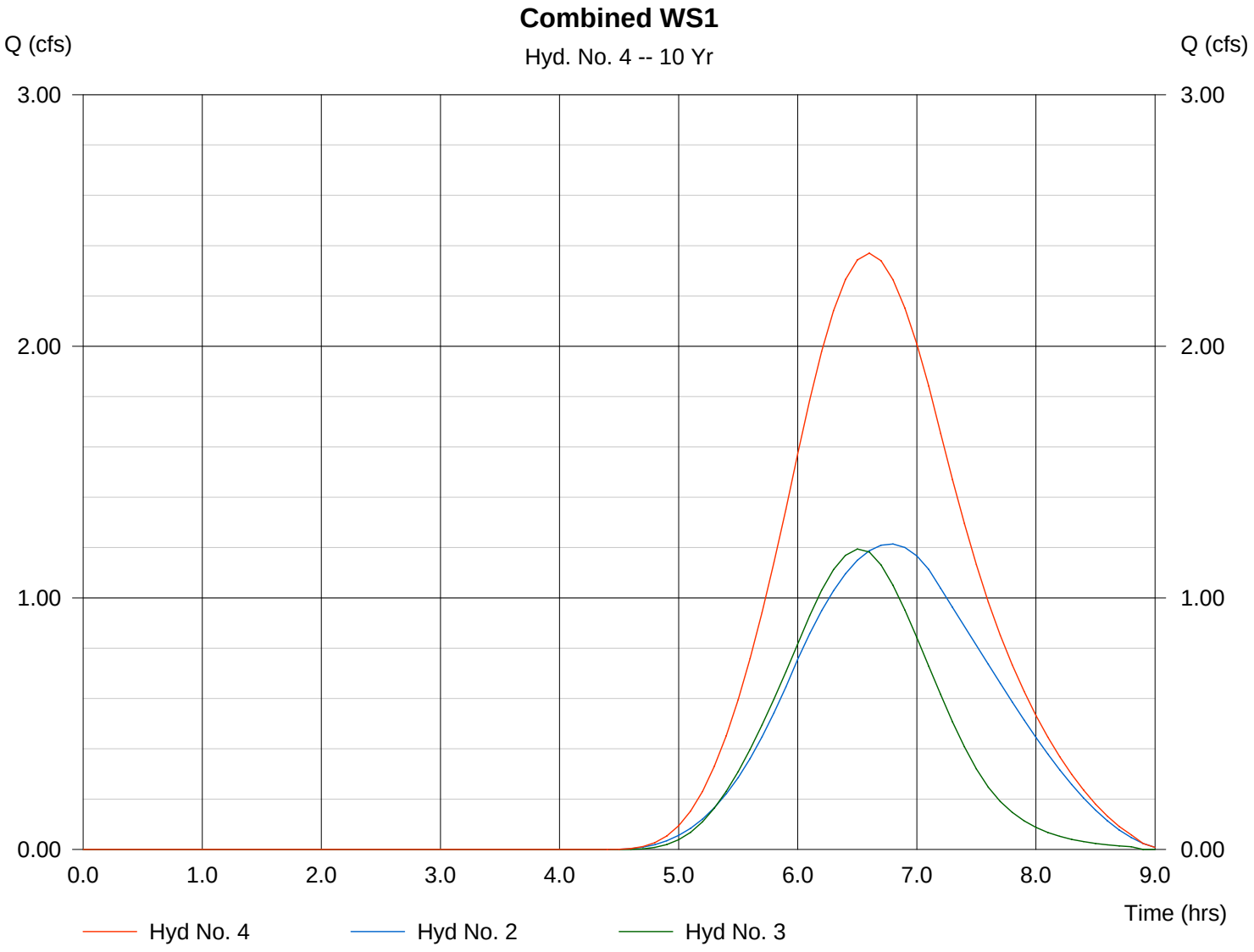
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 4

Combined WS1

Hydrograph type	=	Combine	Peak discharge	=	2.37 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 15,239 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

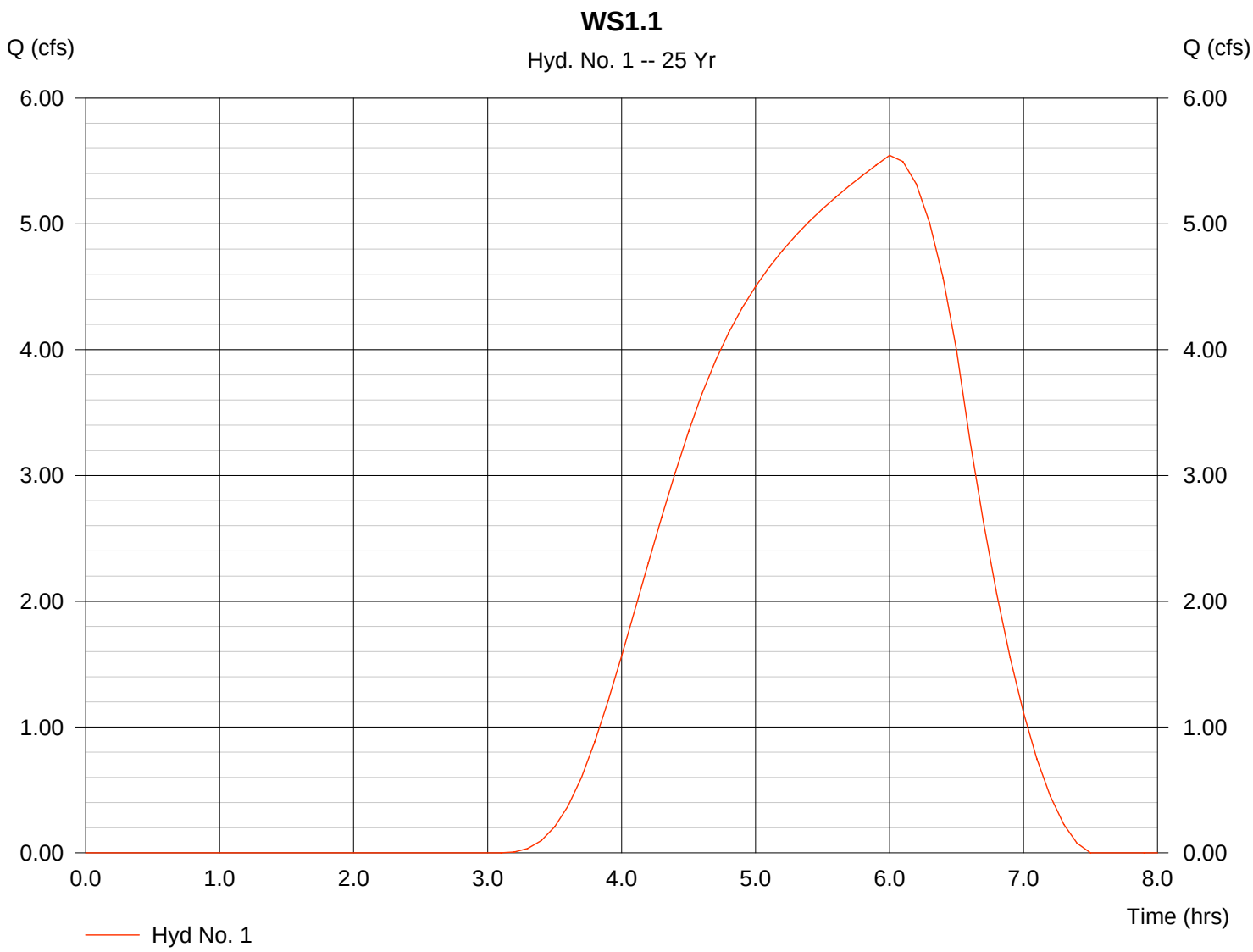
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 1

WS1.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.54 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Drainage area	=	427.000 ac	Curve number	=	65
Basin Slope	=	21.8 %	Hydraulic length	=	7290 ft
Tc method	=	LAG	Time of conc. (Tc)	=	50.80 min
Total precip.	=	1.49 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 45,616 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

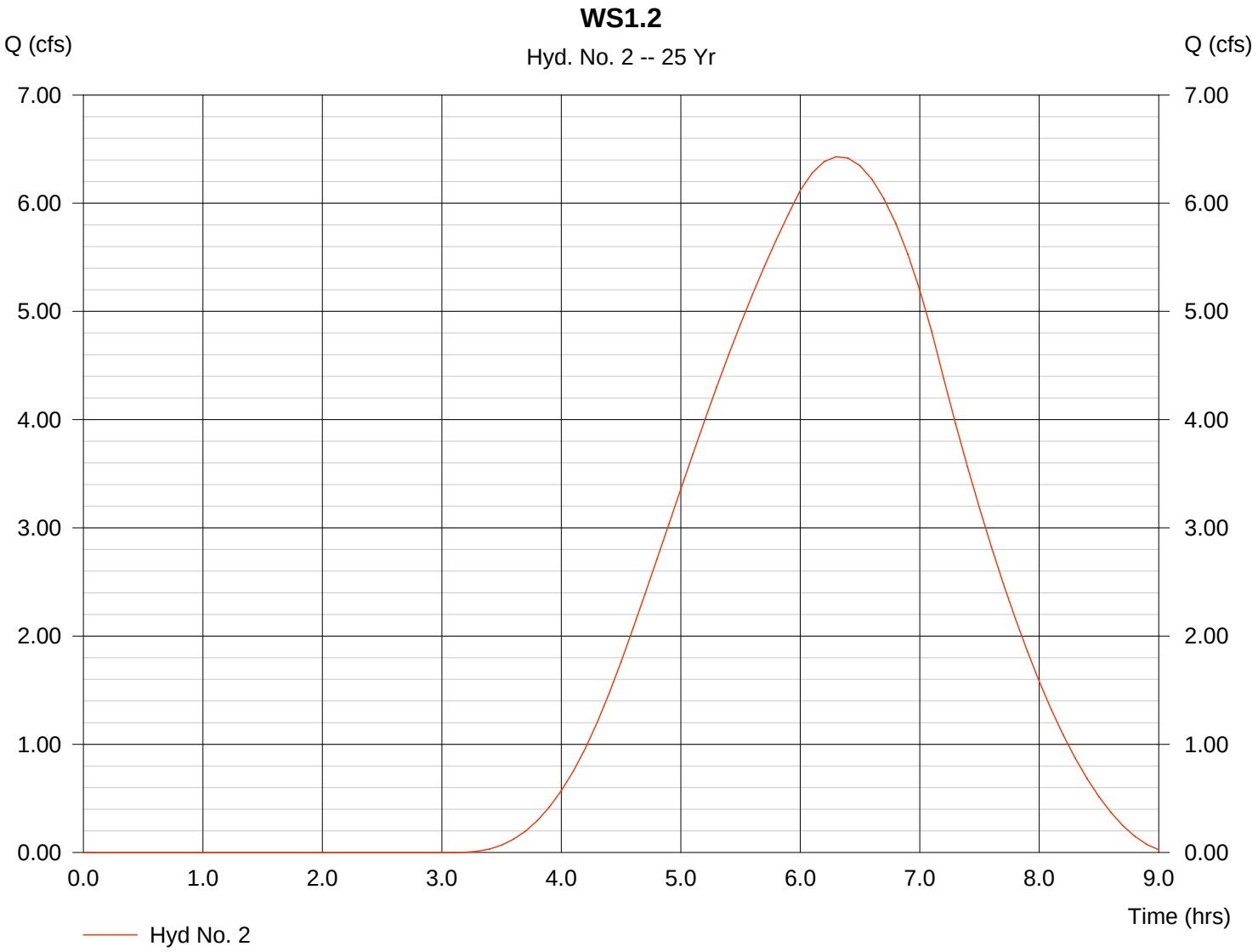
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 2

WS1.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.43 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Drainage area	=	566.000 ac	Curve number	=	65
Basin Slope	=	4.3 %	Hydraulic length	=	7520 ft
Tc method	=	LAG	Time of conc. (Tc)	=	118.00 min
Total precip.	=	1.49 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 60,465 cuft



Hydrograph Plot

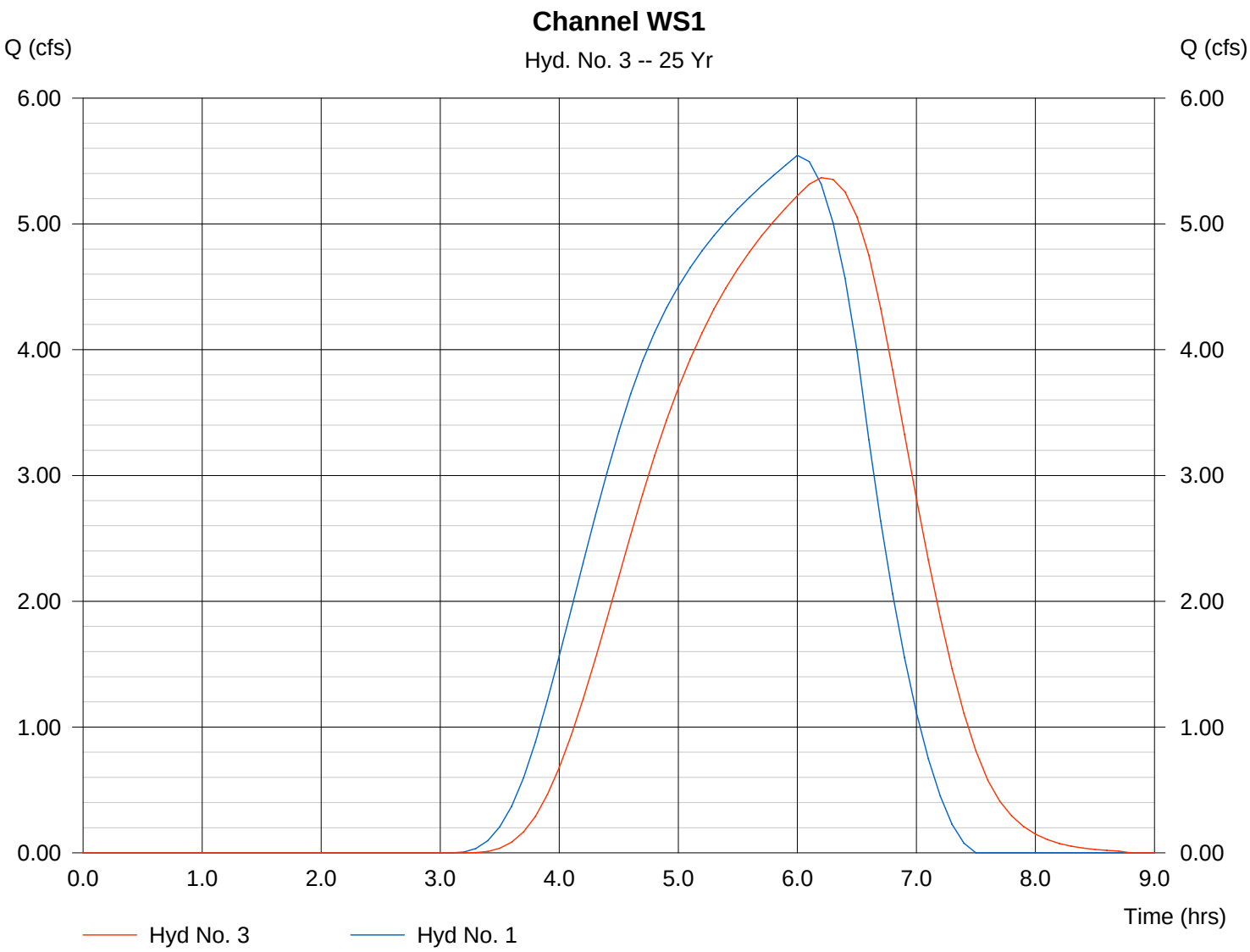
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 3

Channel WS1

Hydrograph type	=	Reach	Peak discharge	=	5.37 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	7520.0 ft	Channel slope	=	4.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.561	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.2879

Modified Att-Kin routing method used. | Hydrograph Volume = 45,604 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

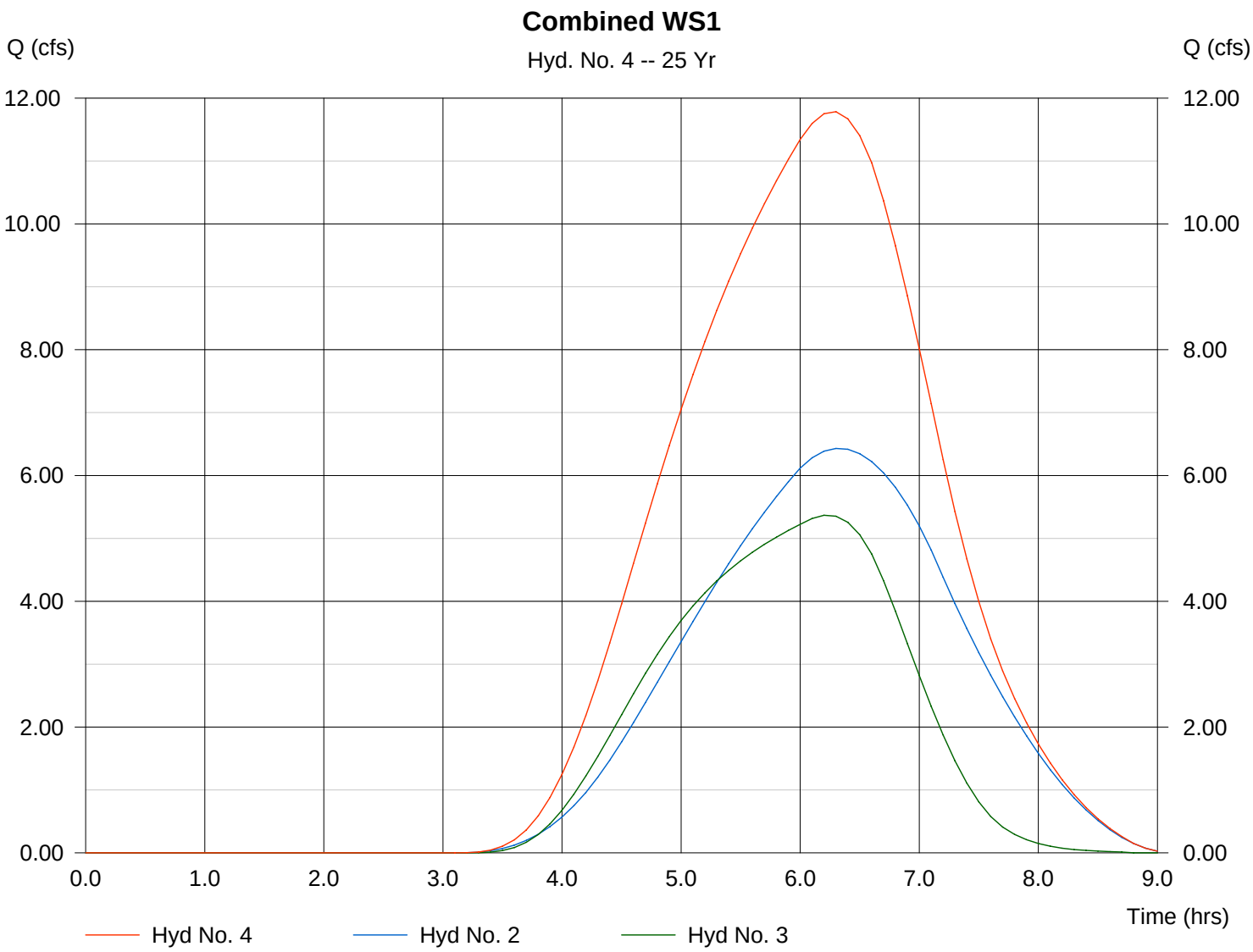
Wednesday, Nov 30 2005, 7:43 AM

Hyd. No. 4

Combined WS1

Hydrograph type	=	Combine	Peak discharge	=	11.78 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 106,069 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

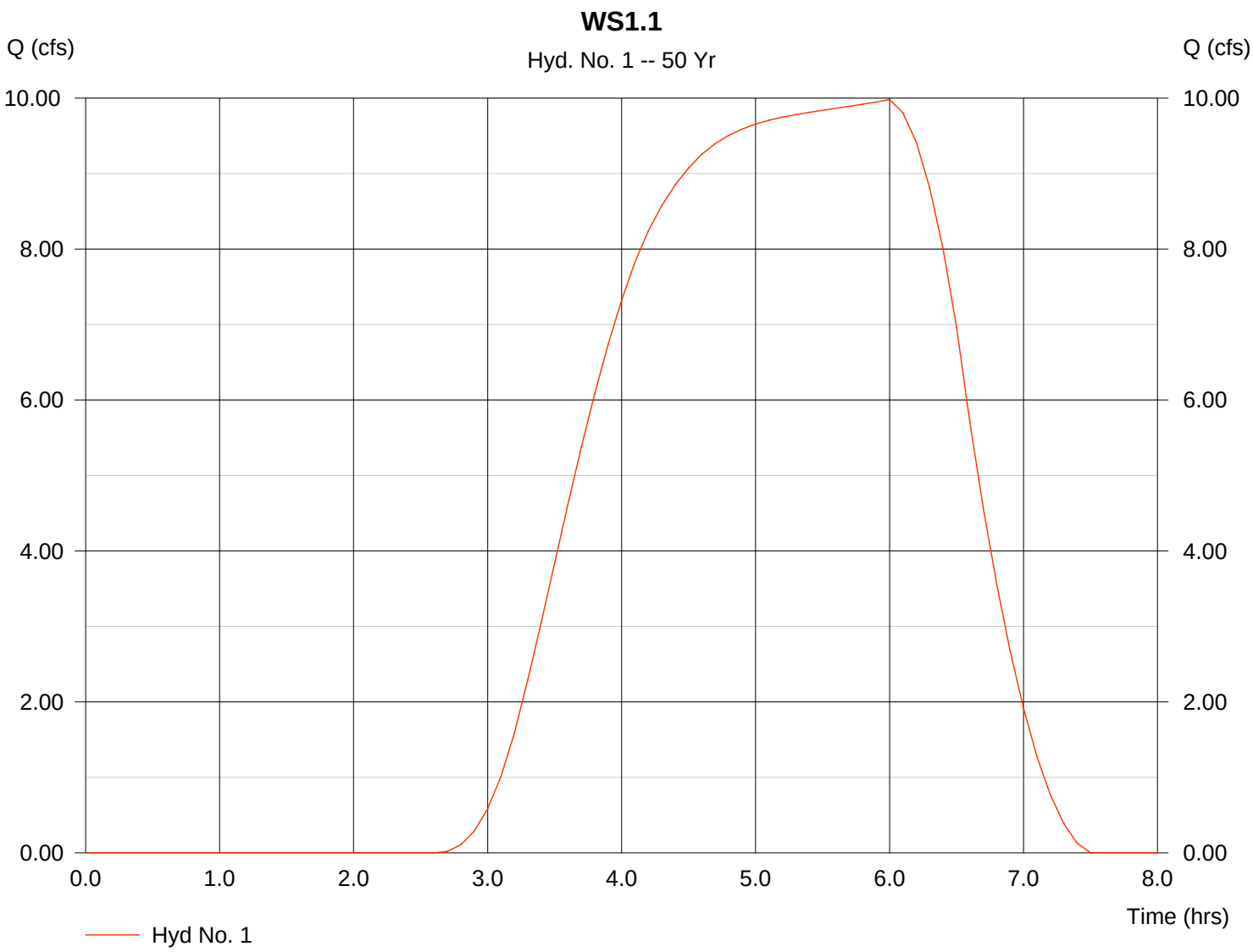
Wednesday, Nov 30 2005, 7:44 AM

Hyd. No. 1

WS1.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.98 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	427.000 ac	Curve number	=	65
Basin Slope	=	21.8 %	Hydraulic length	=	7290 ft
Tc method	=	LAG	Time of conc. (Tc)	=	50.80 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 106,335 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

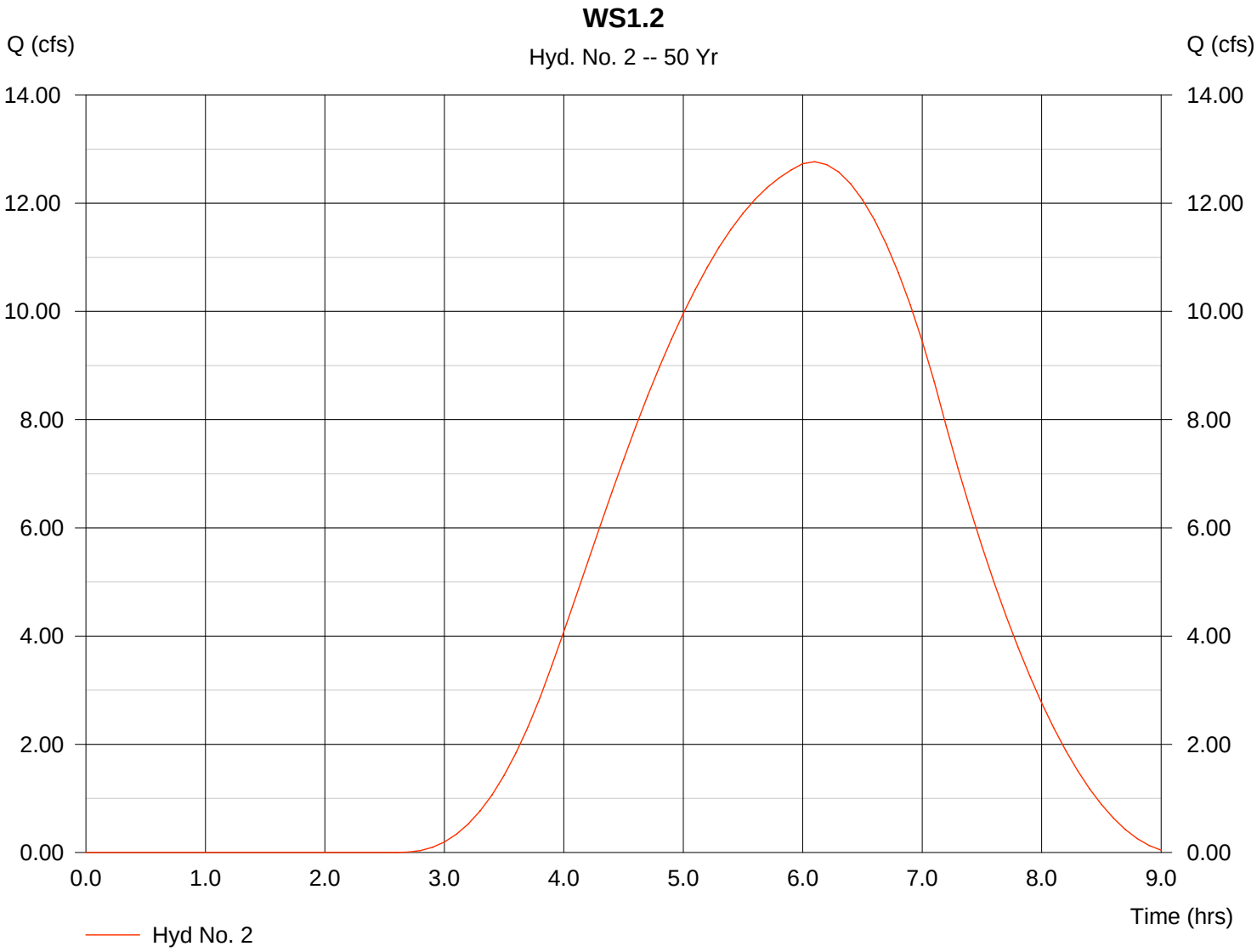
Wednesday, Nov 30 2005, 7:44 AM

Hyd. No. 2

WS1.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	12.77 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	566.000 ac	Curve number	=	65
Basin Slope	=	4.3 %	Hydraulic length	=	7520 ft
Tc method	=	LAG	Time of conc. (Tc)	=	118.00 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 140,950 cuft



Hydrograph Plot

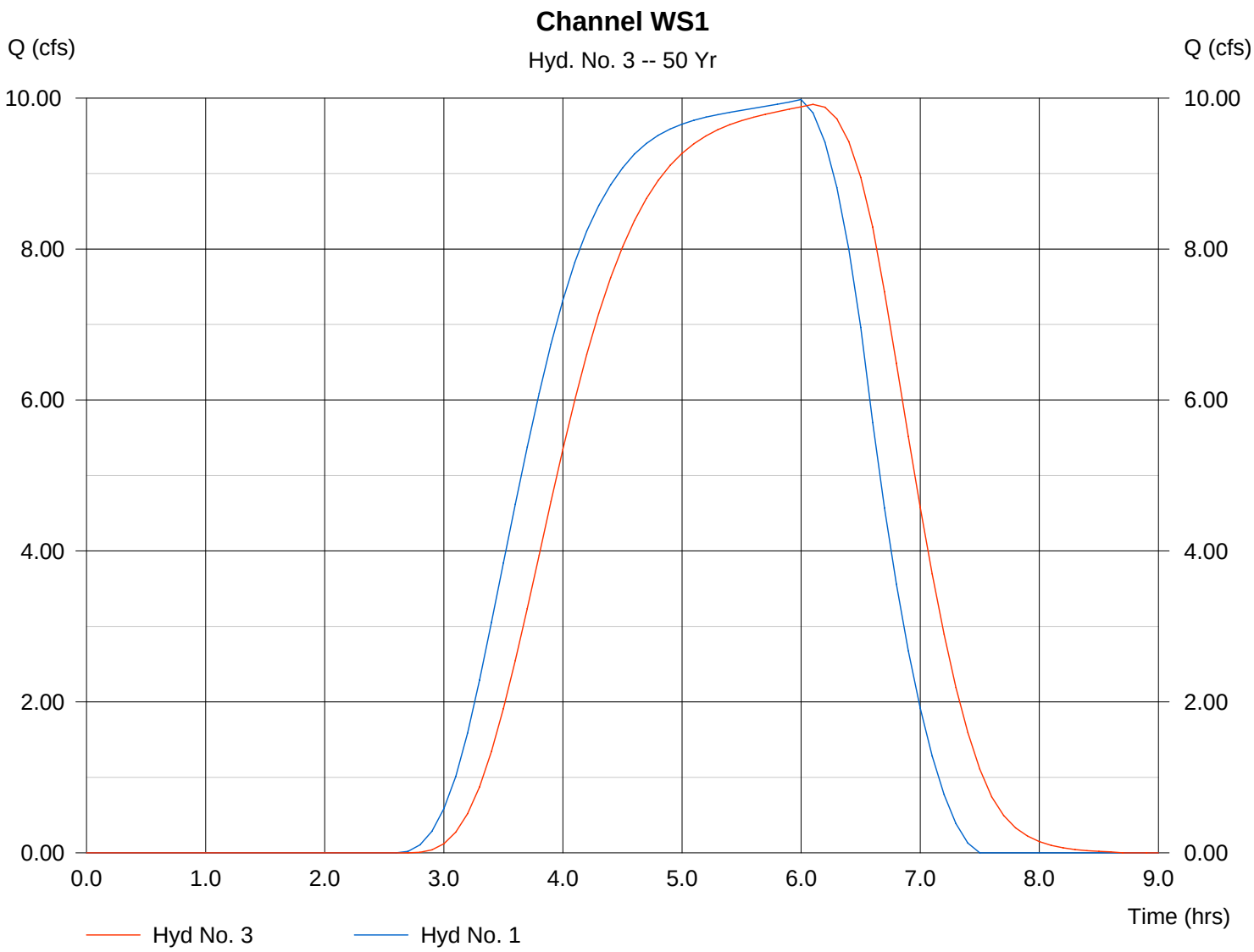
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:44 AM

Hyd. No. 3

Channel WS1

Hydrograph type	=	Reach	Peak discharge	=	9.92 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	7520.0 ft	Channel slope	=	4.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.561	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.3313

Modified Att-Kin routing method used. | Hydrograph Volume = 106,325 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

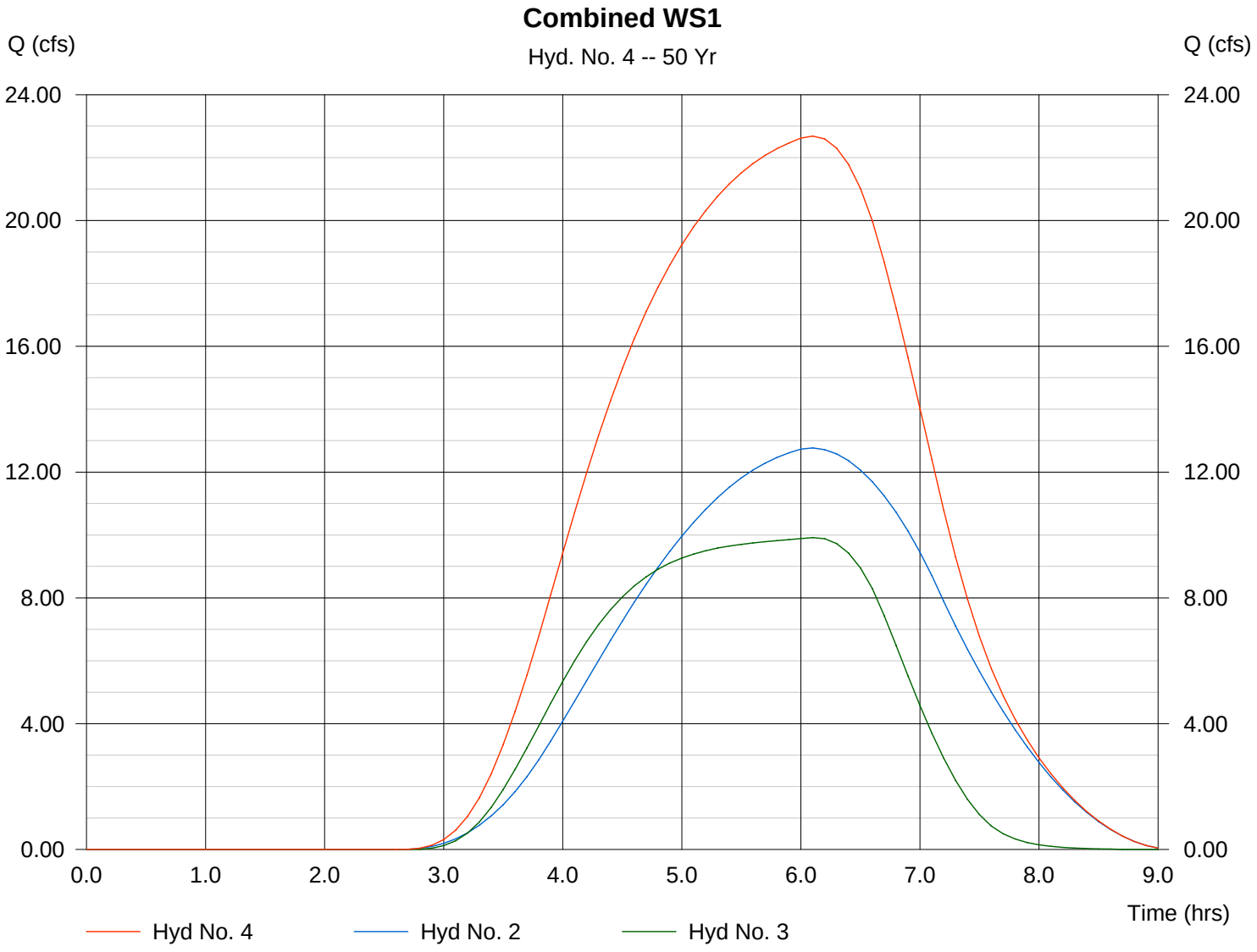
Wednesday, Nov 30 2005, 7:44 AM

Hyd. No. 4

Combined WS1

Hydrograph type	=	Combine	Peak discharge	=	22.68 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 247,275 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

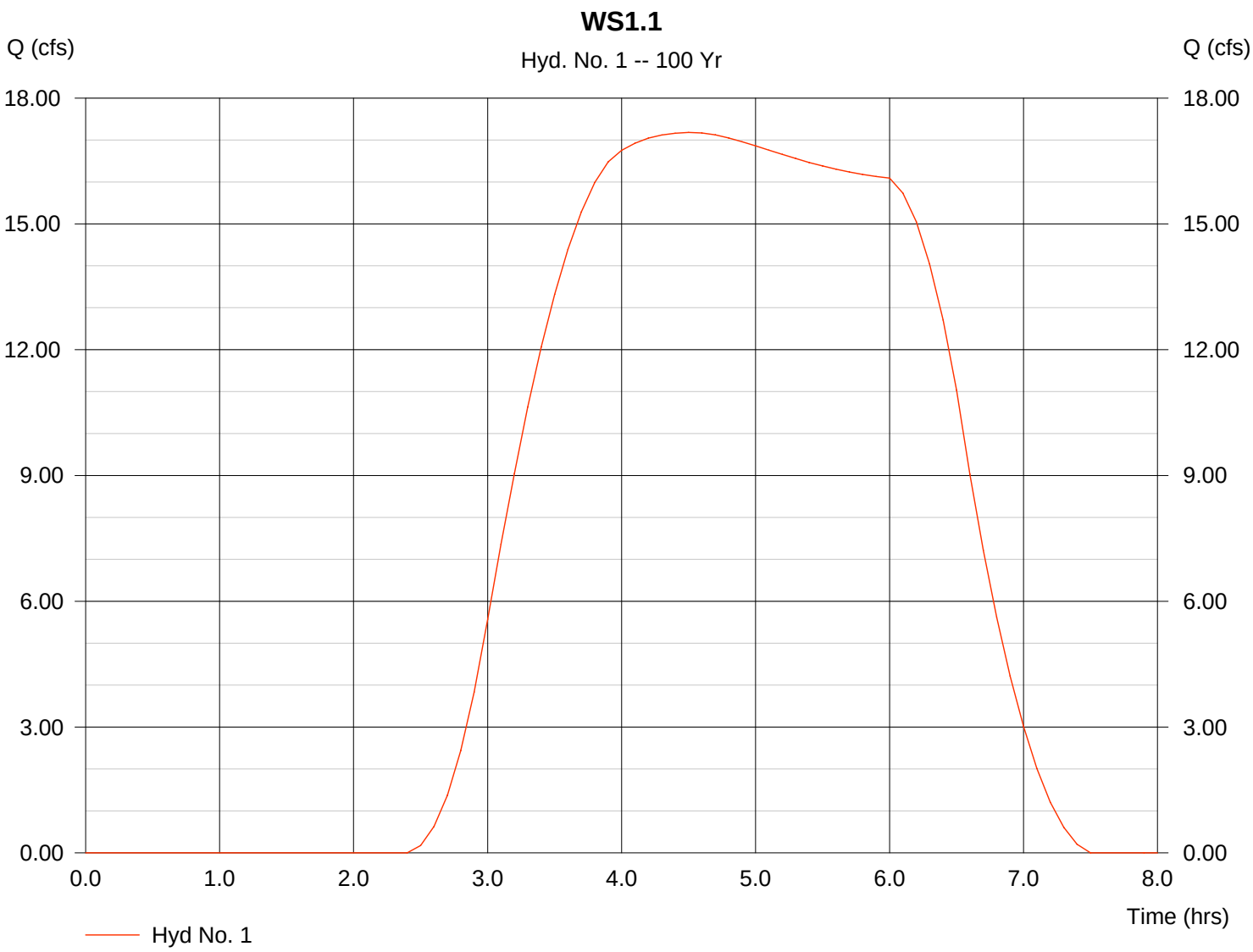
Wednesday, Nov 30 2005, 7:44 AM

Hyd. No. 1

WS1.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	17.18 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	427.000 ac	Curve number	=	65
Basin Slope	=	21.8 %	Hydraulic length	=	7290 ft
Tc method	=	LAG	Time of conc. (Tc)	=	50.80 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 209,300 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

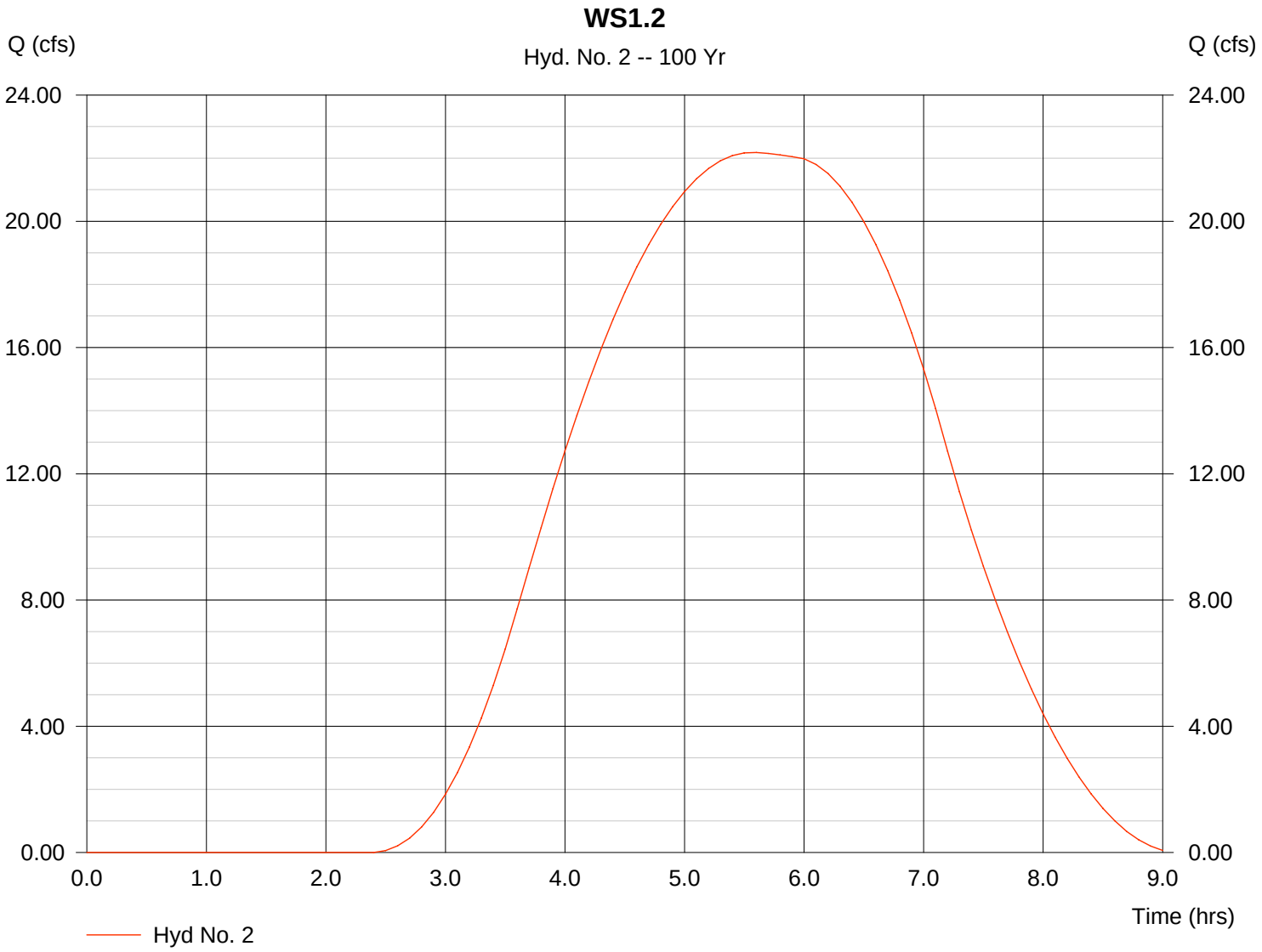
Wednesday, Nov 30 2005, 7:44 AM

Hyd. No. 2

WS1.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	22.18 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	566.000 ac	Curve number	=	65
Basin Slope	=	4.3 %	Hydraulic length	=	7520 ft
Tc method	=	LAG	Time of conc. (Tc)	=	118.00 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 277,432 cuft



Hydrograph Plot

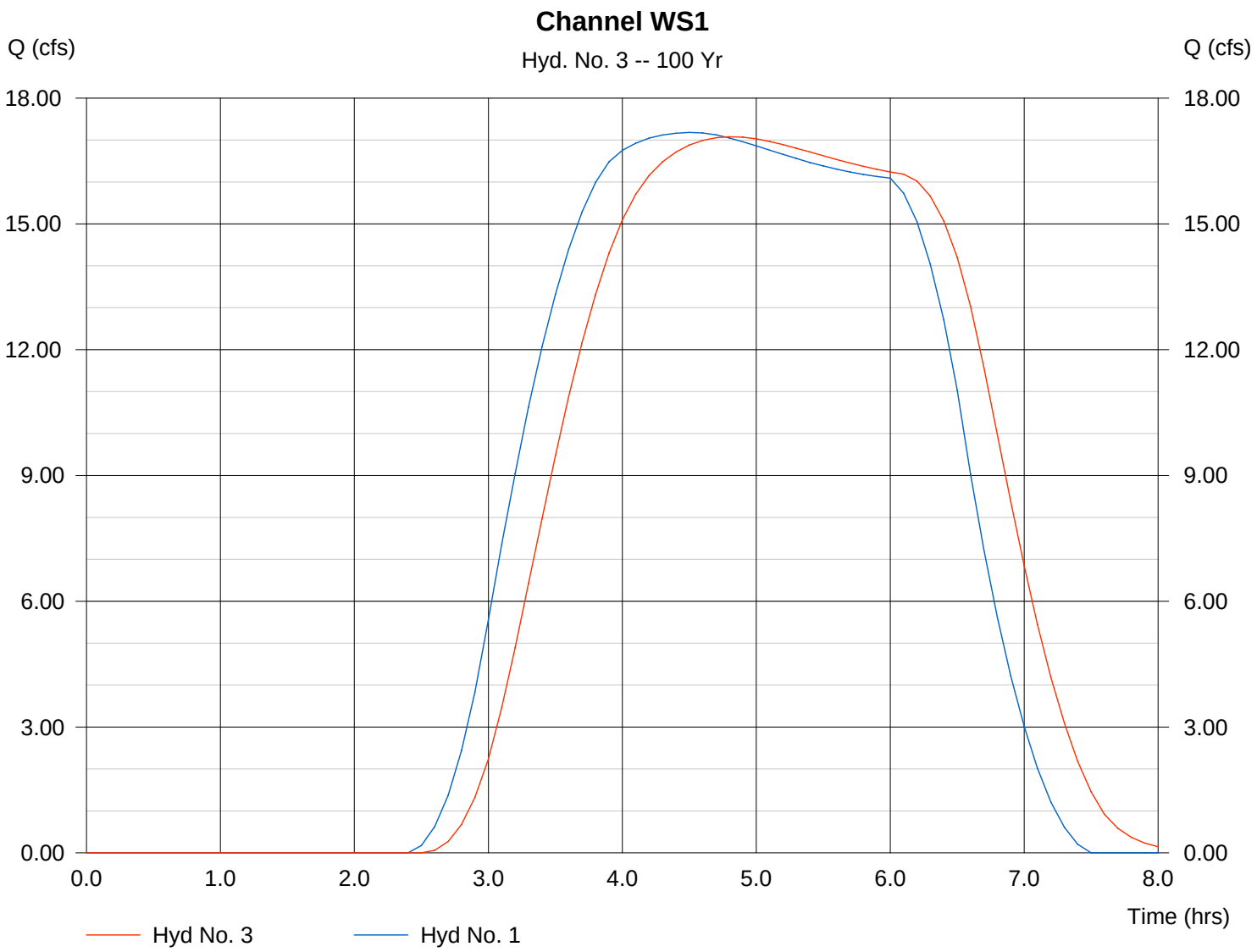
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:44 AM

Hyd. No. 3

Channel WS1

Hydrograph type	=	Reach	Peak discharge	=	17.08 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	7520.0 ft	Channel slope	=	4.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.561	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.3670

Modified Att-Kin routing method used. | Hydrograph Volume = 209,290 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

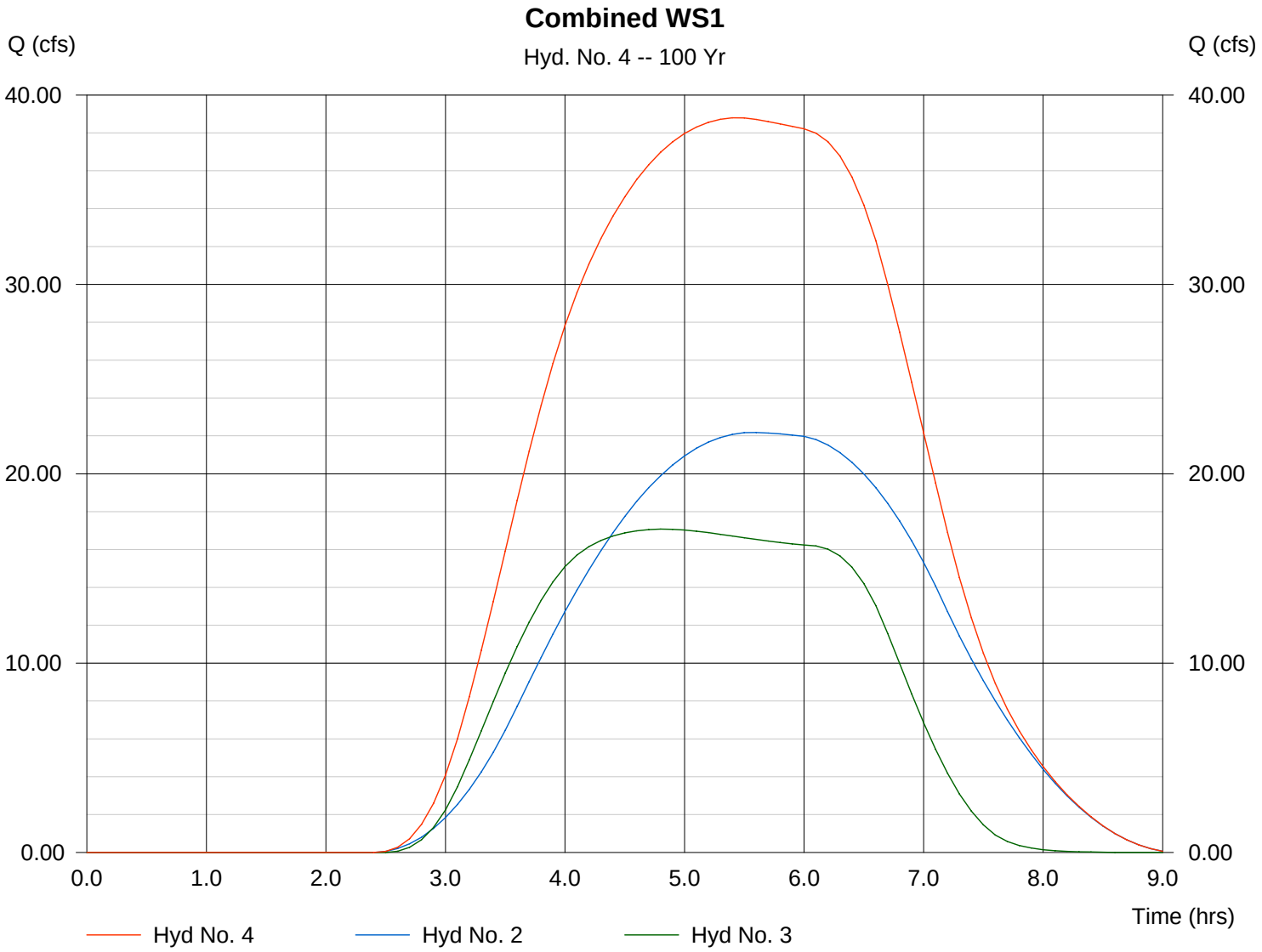
Wednesday, Nov 30 2005, 7:44 AM

Hyd. No. 4

Combined WS1

Hydrograph type	=	Combine	Peak discharge	=	38.79 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 486,722 cuft



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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

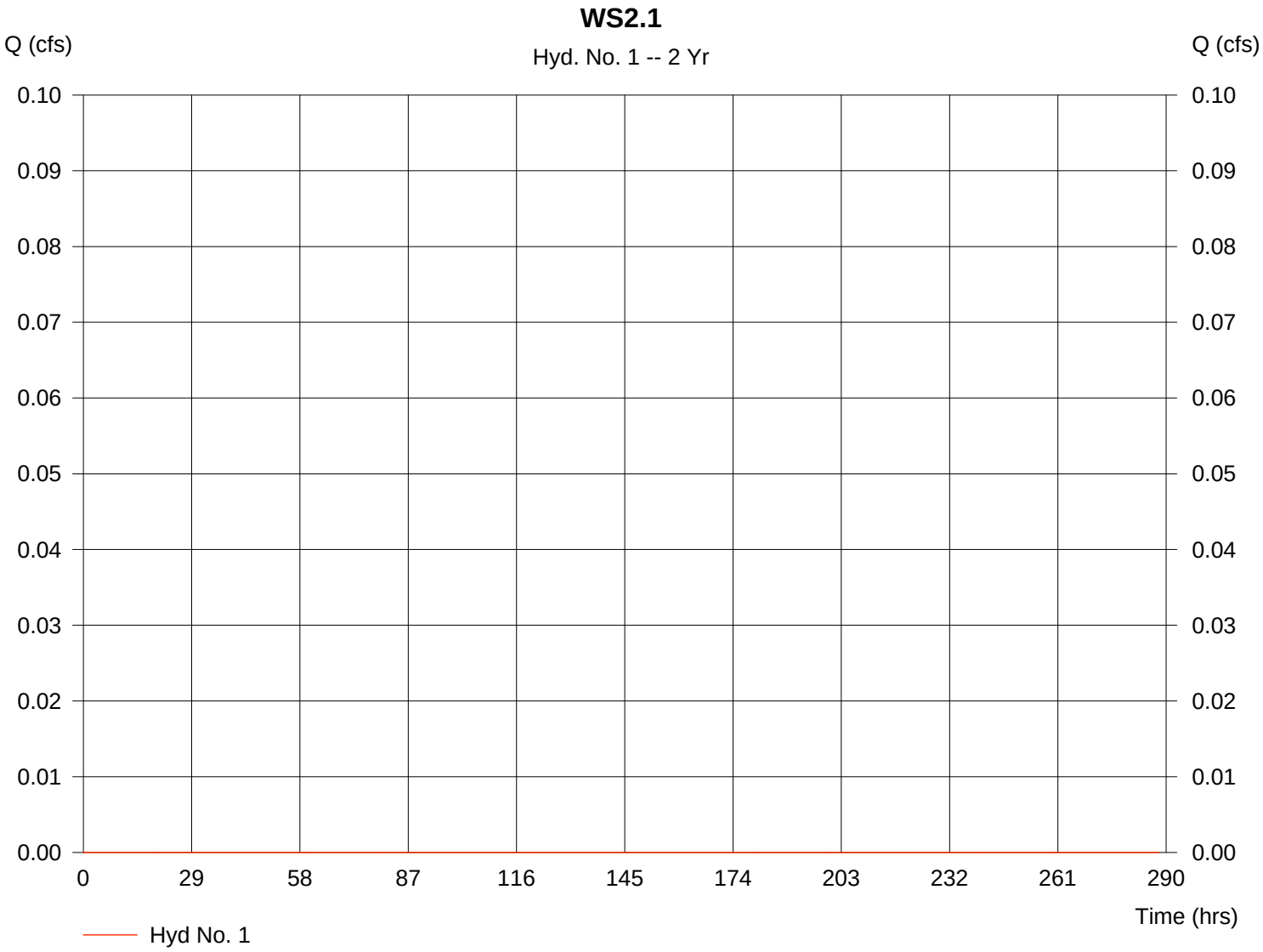
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 1

WS2.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 272.000 ac	Curve number	= 62
Basin Slope	= 22.0 %	Hydraulic length	= 7810 ft
Tc method	= LAG	Time of conc. (Tc)	= 57.80 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

Wednesday, Nov 30 2005, 7:47 AM

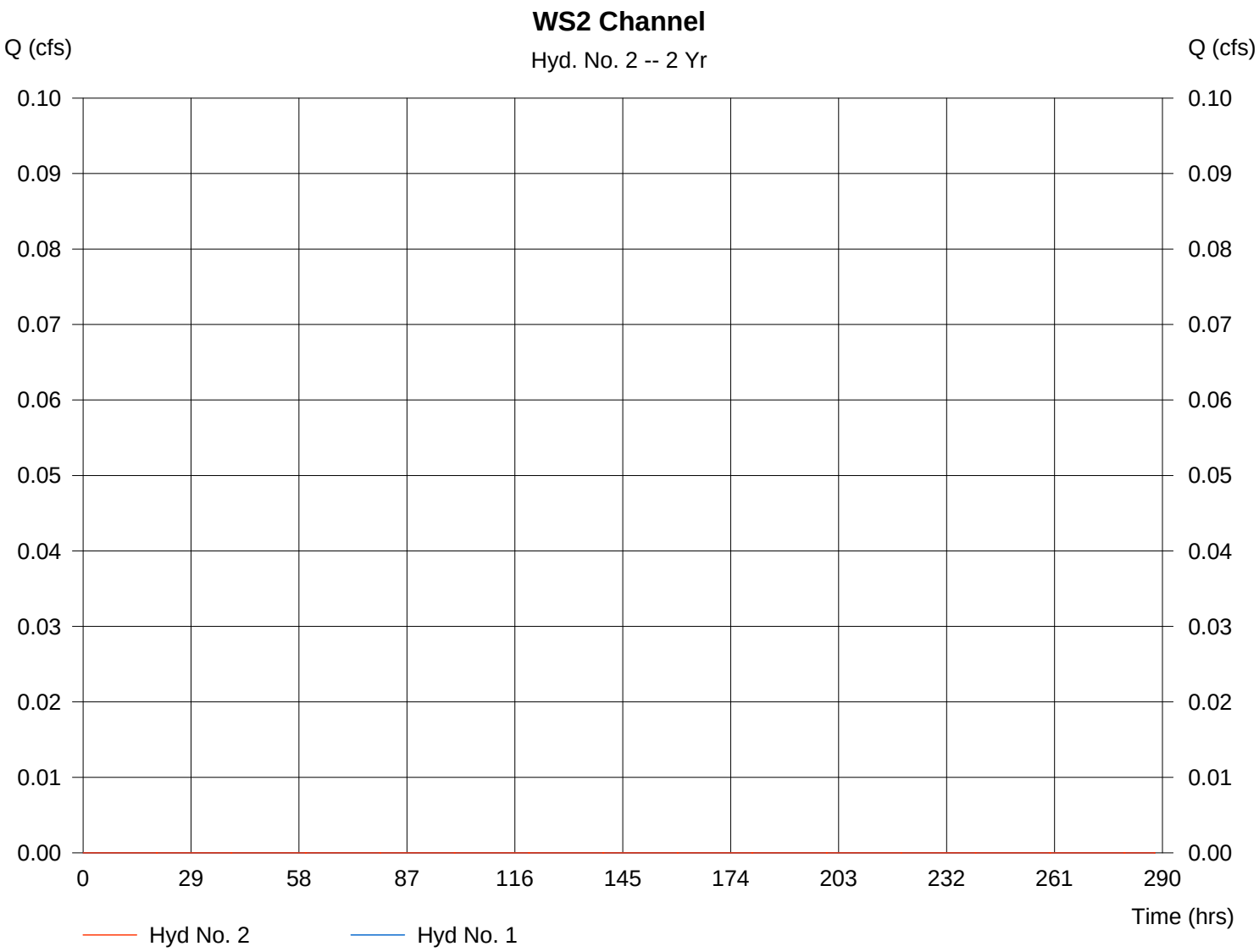
Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.0676

Modified Att-Kin routing method used.

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

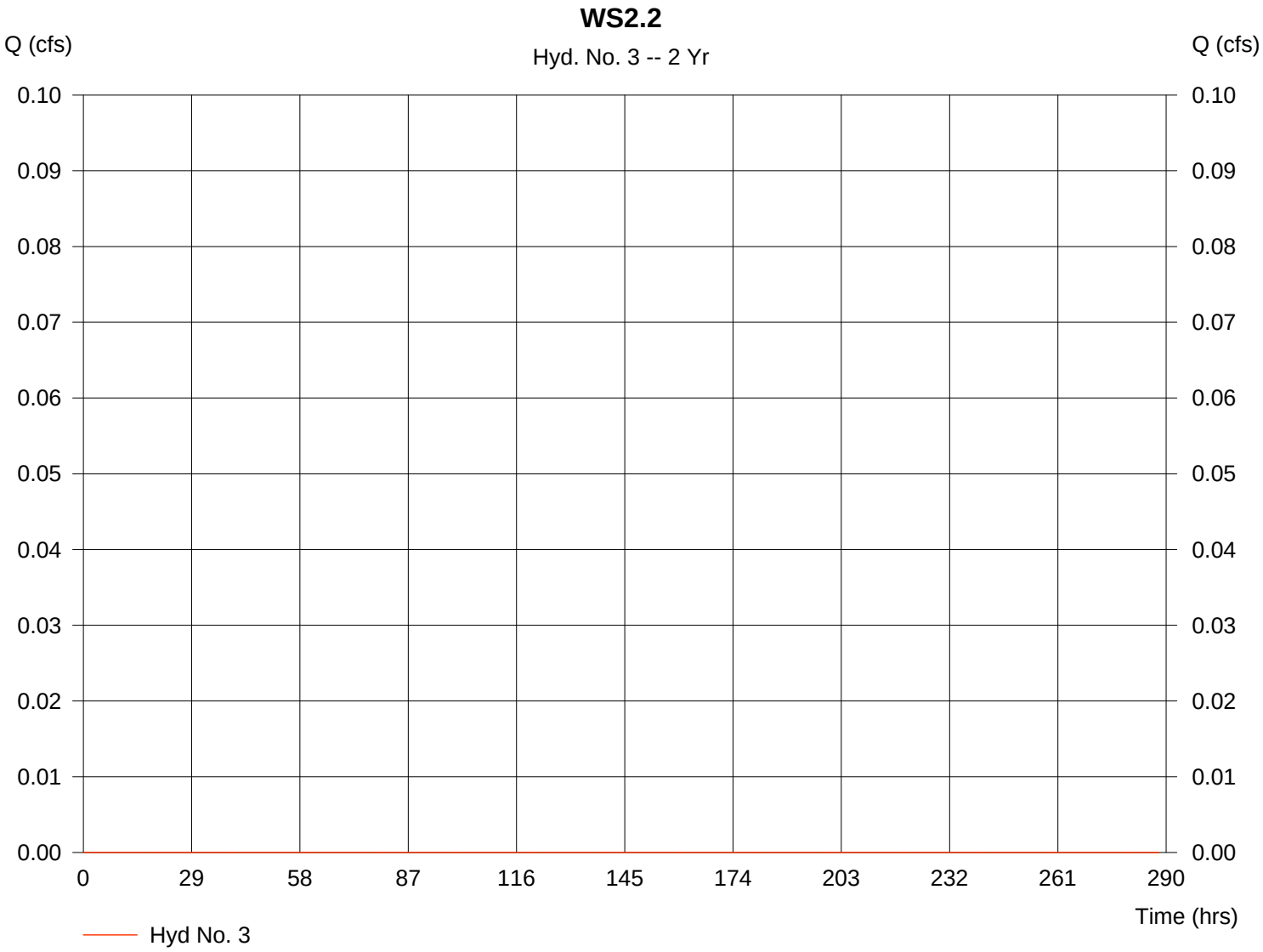
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

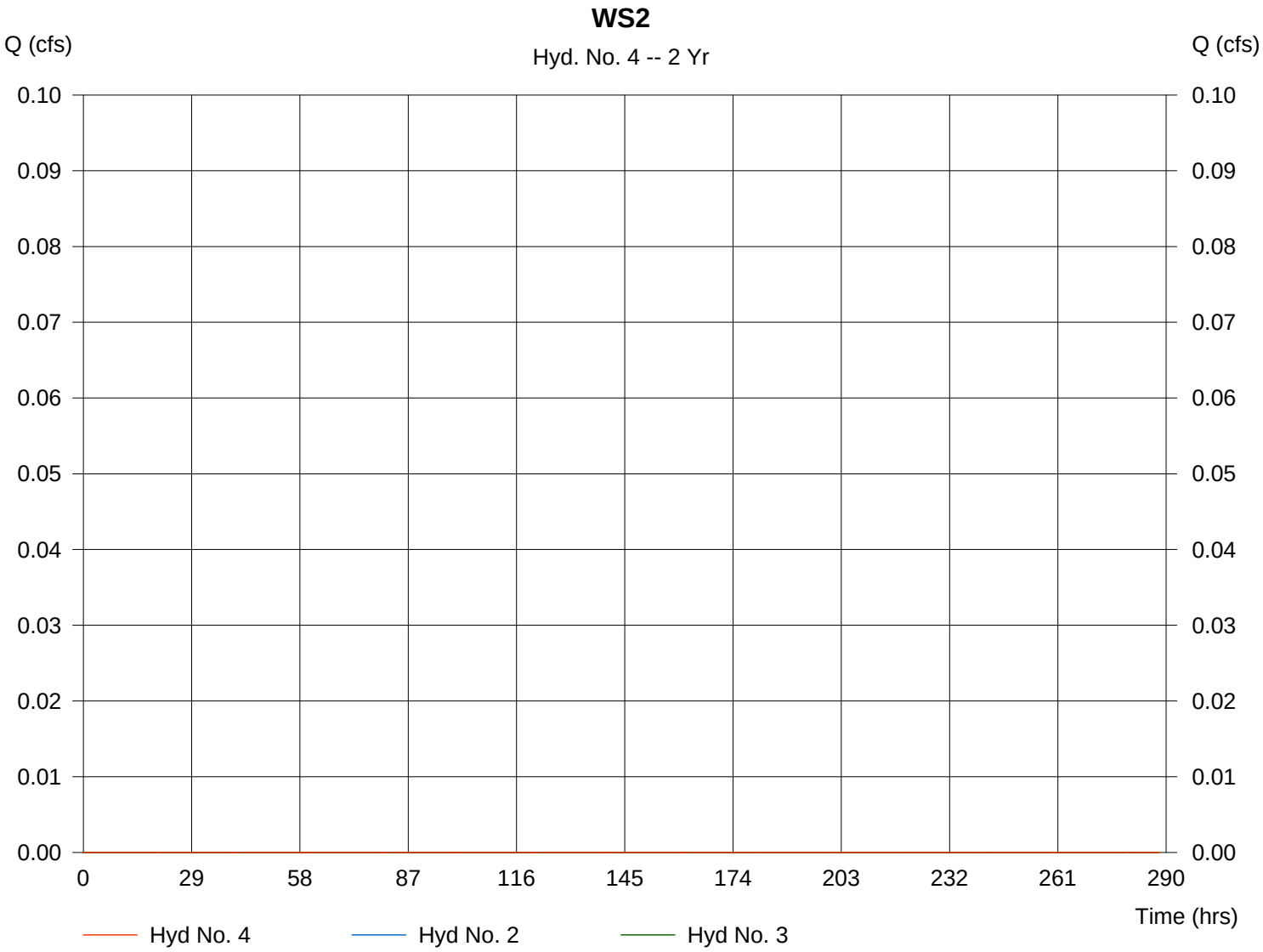
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

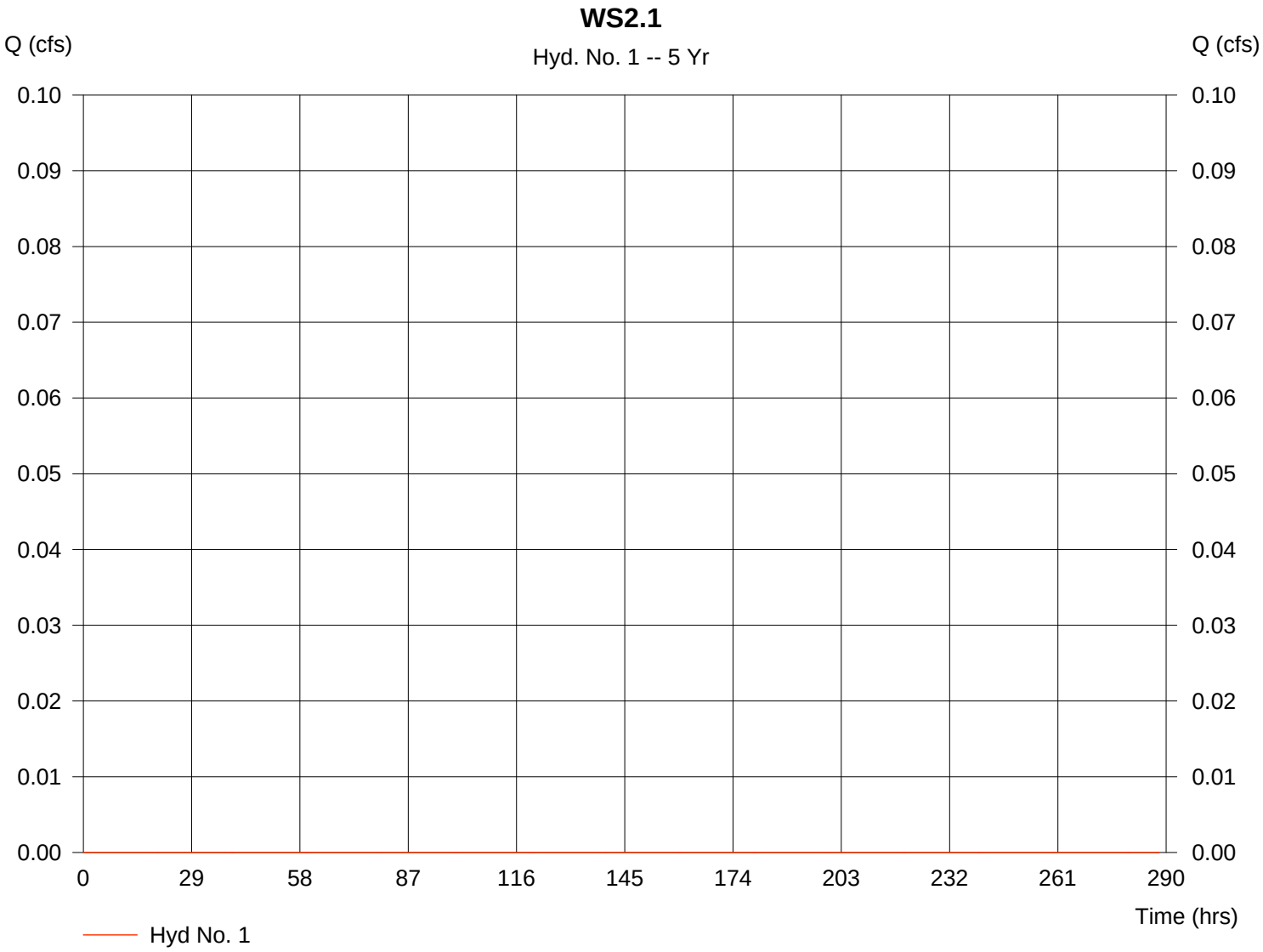
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 1

WS2.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 272.000 ac	Curve number	= 62
Basin Slope	= 22.0 %	Hydraulic length	= 7810 ft
Tc method	= LAG	Time of conc. (Tc)	= 57.80 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

Wednesday, Nov 30 2005, 7:47 AM

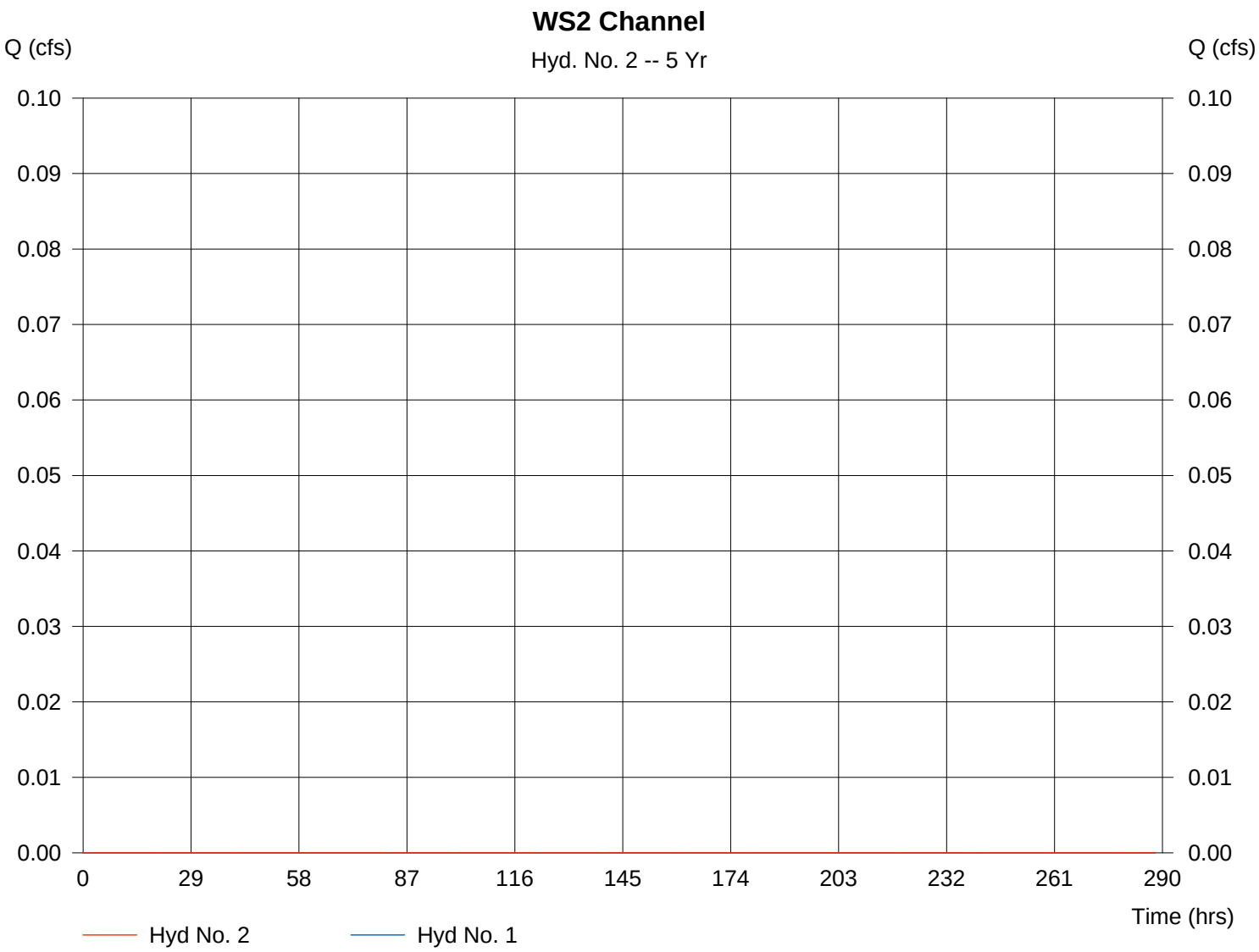
Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.1063

Modified Att-Kin routing method used.

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

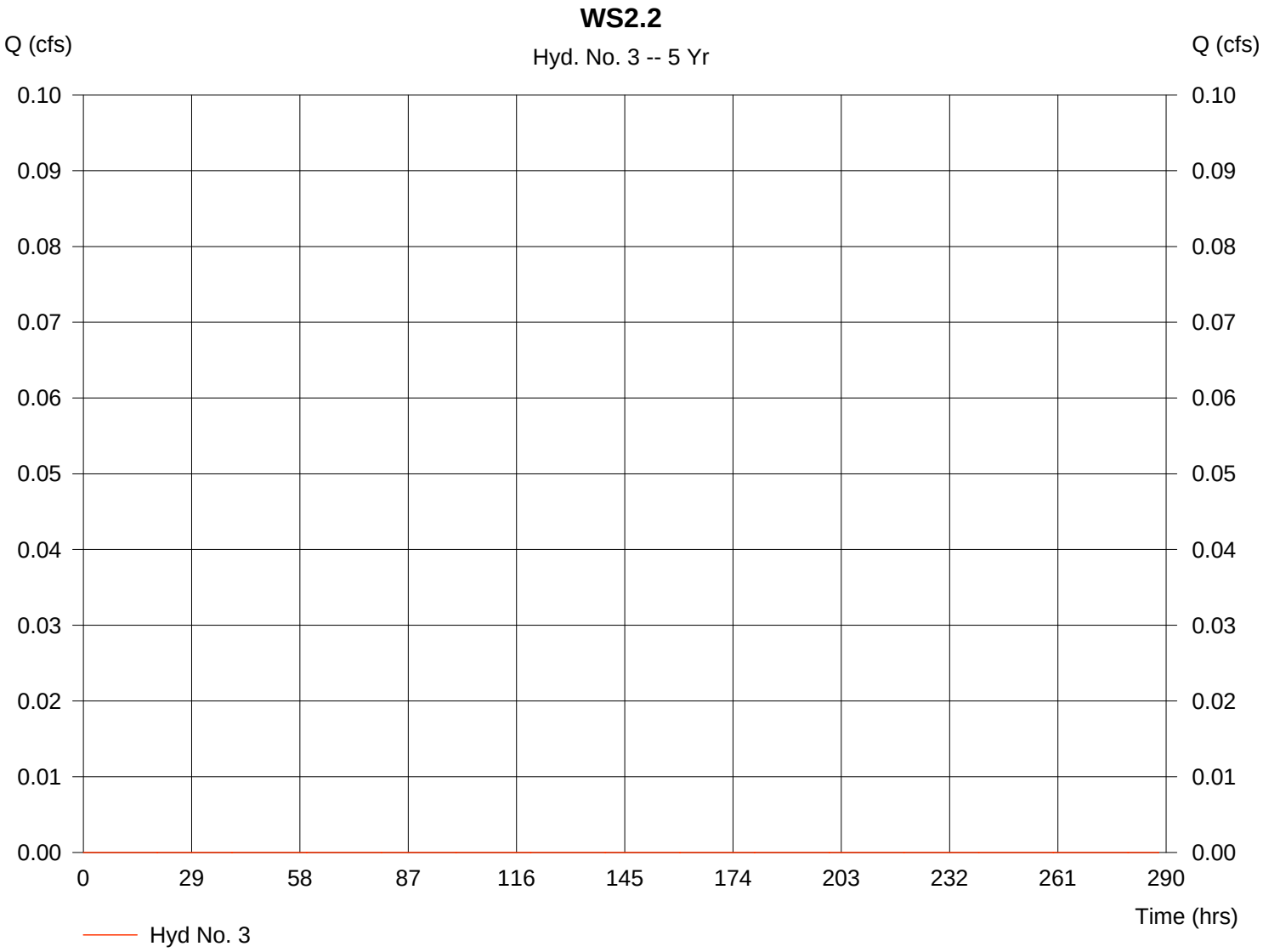
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

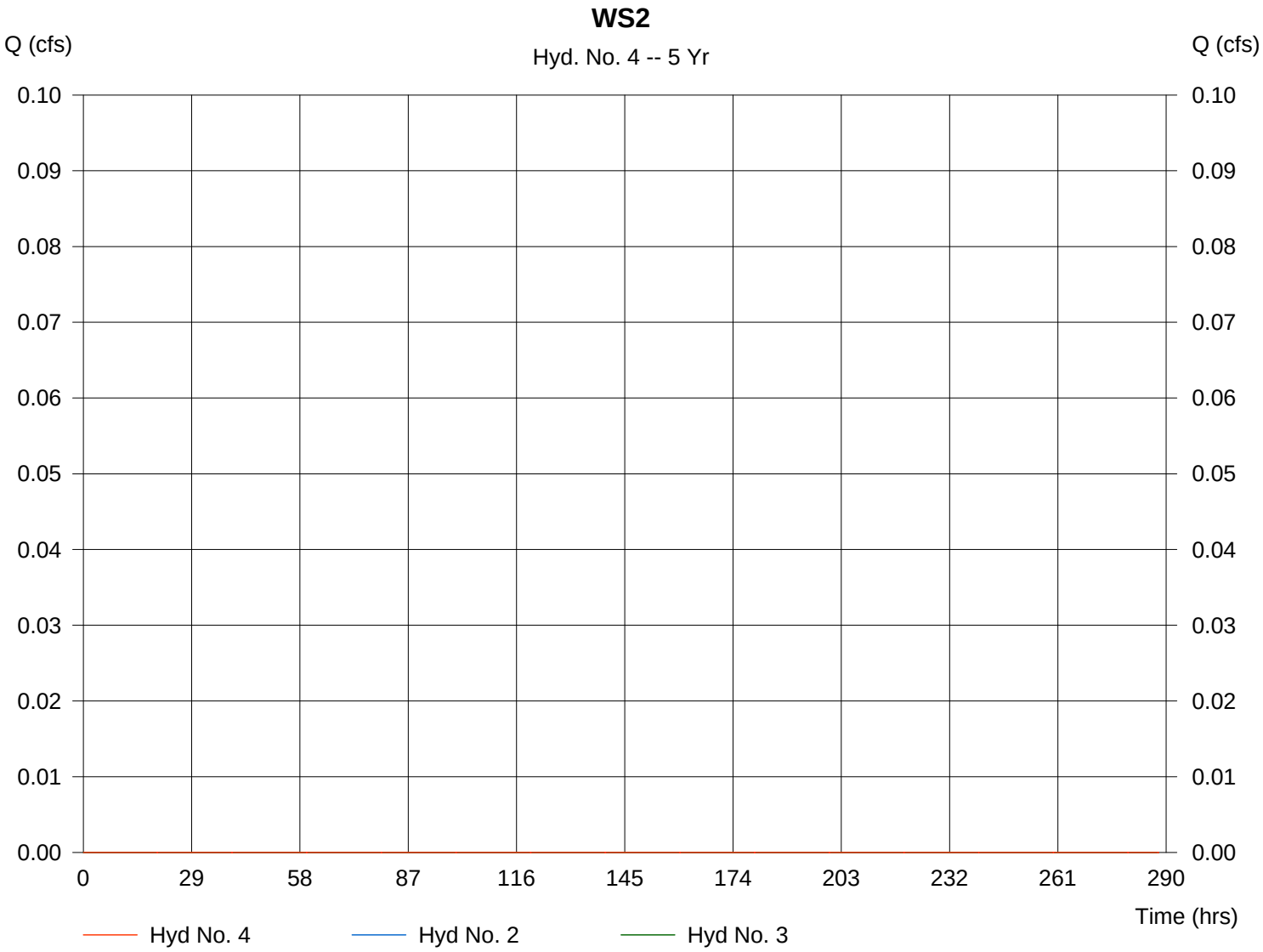
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

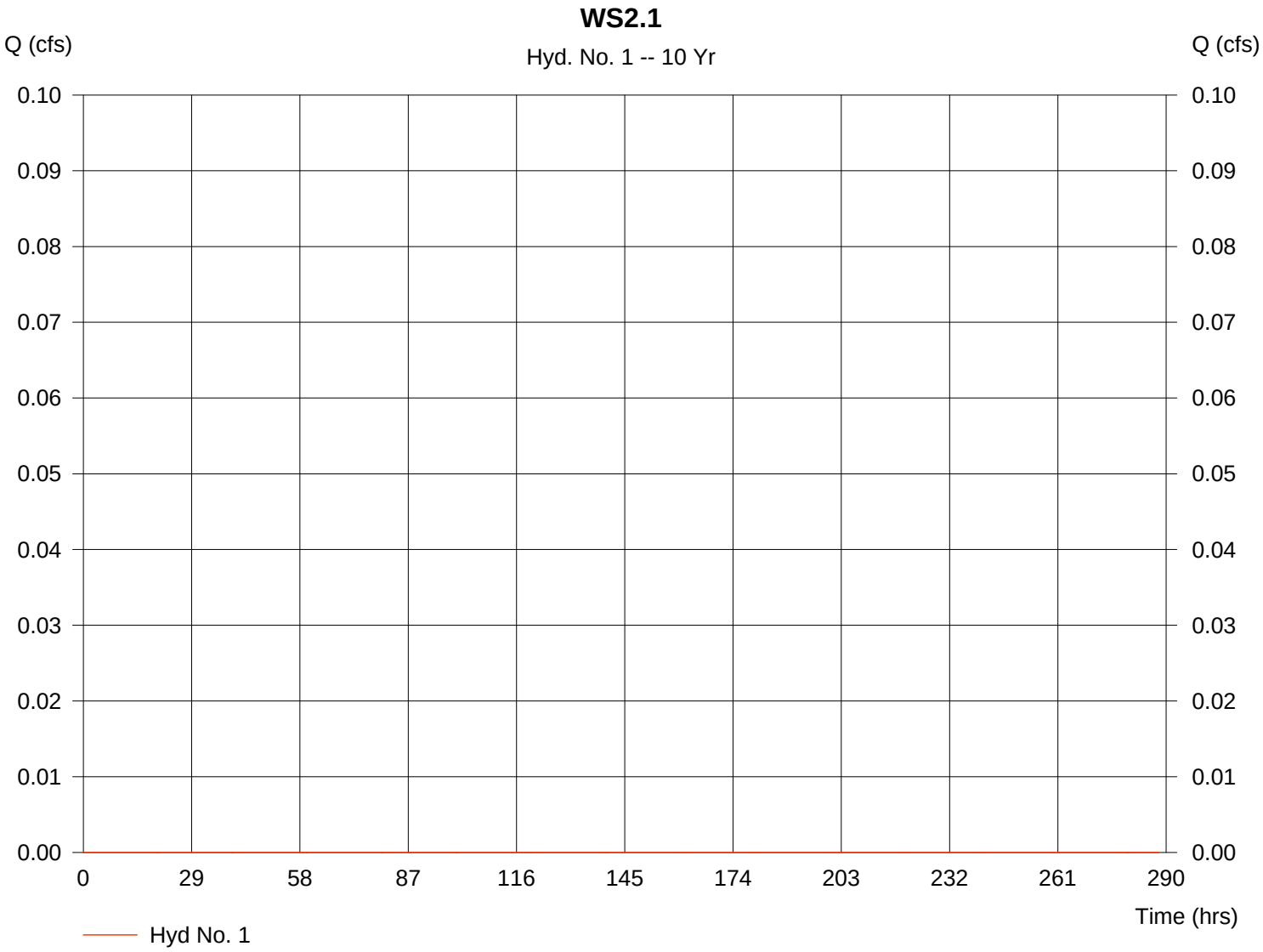
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 1

WS2.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 272.000 ac	Curve number	= 62
Basin Slope	= 22.0 %	Hydraulic length	= 7810 ft
Tc method	= LAG	Time of conc. (Tc)	= 57.80 min
Total precip.	= 1.23 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

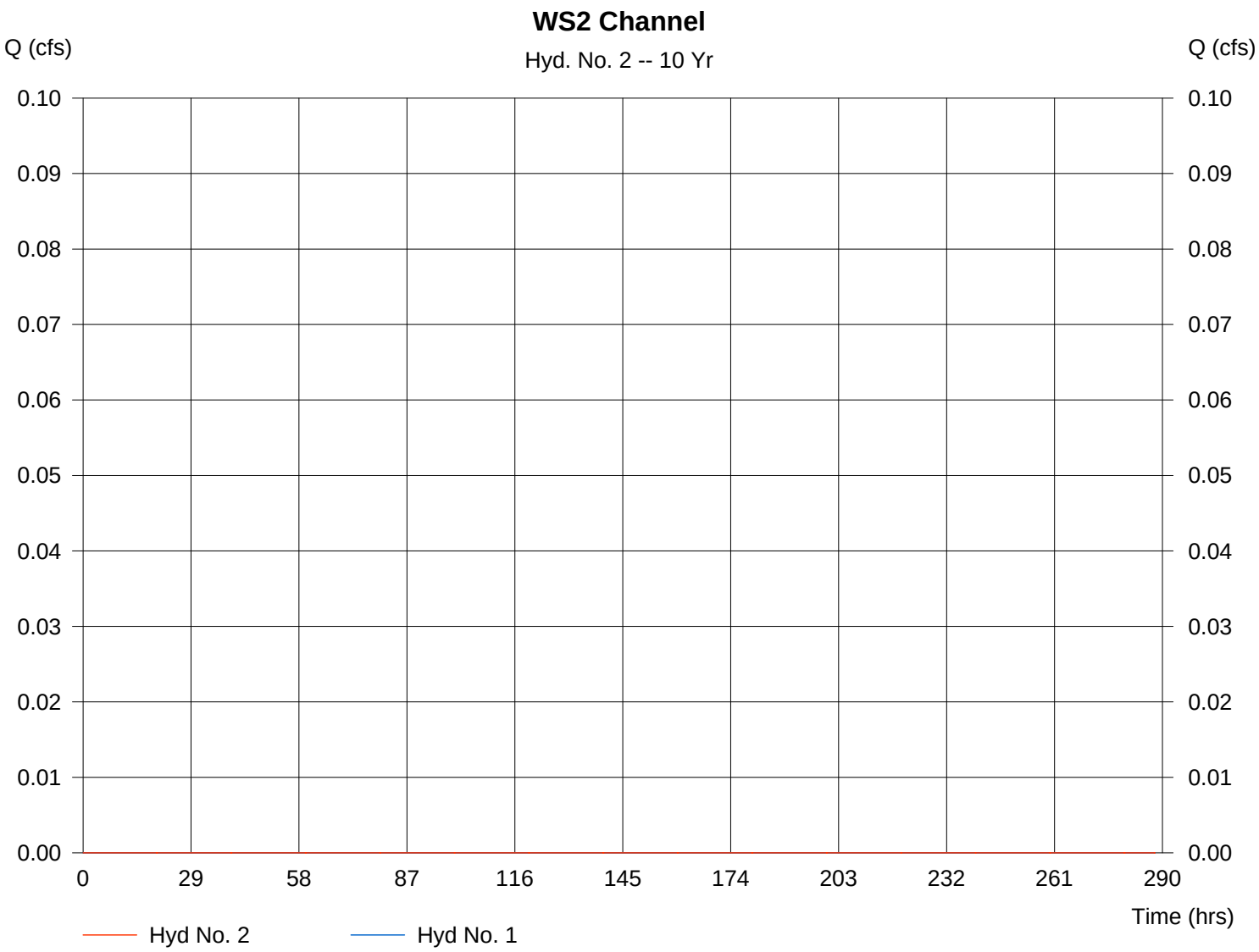
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.1468

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

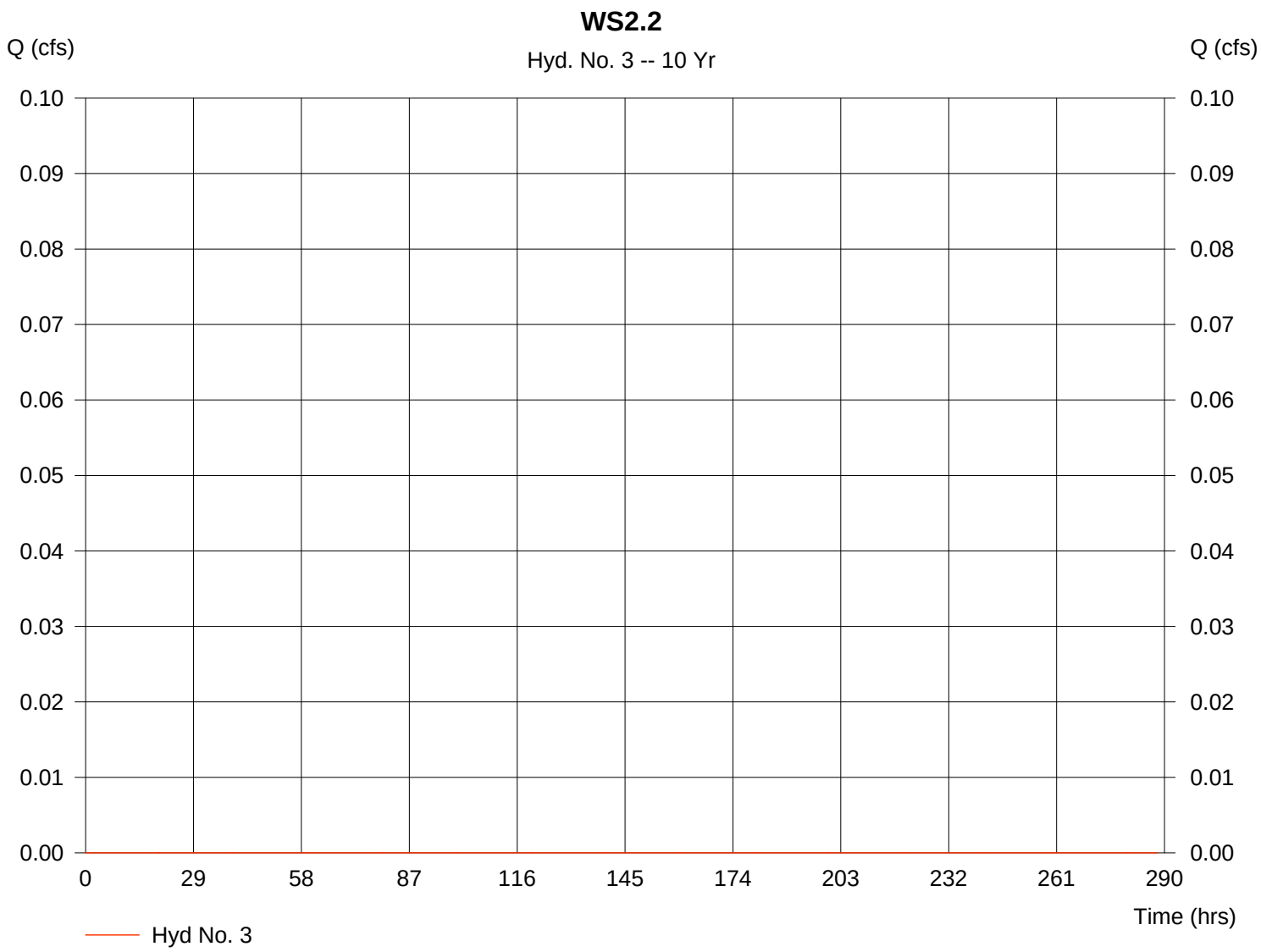
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 1.23 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

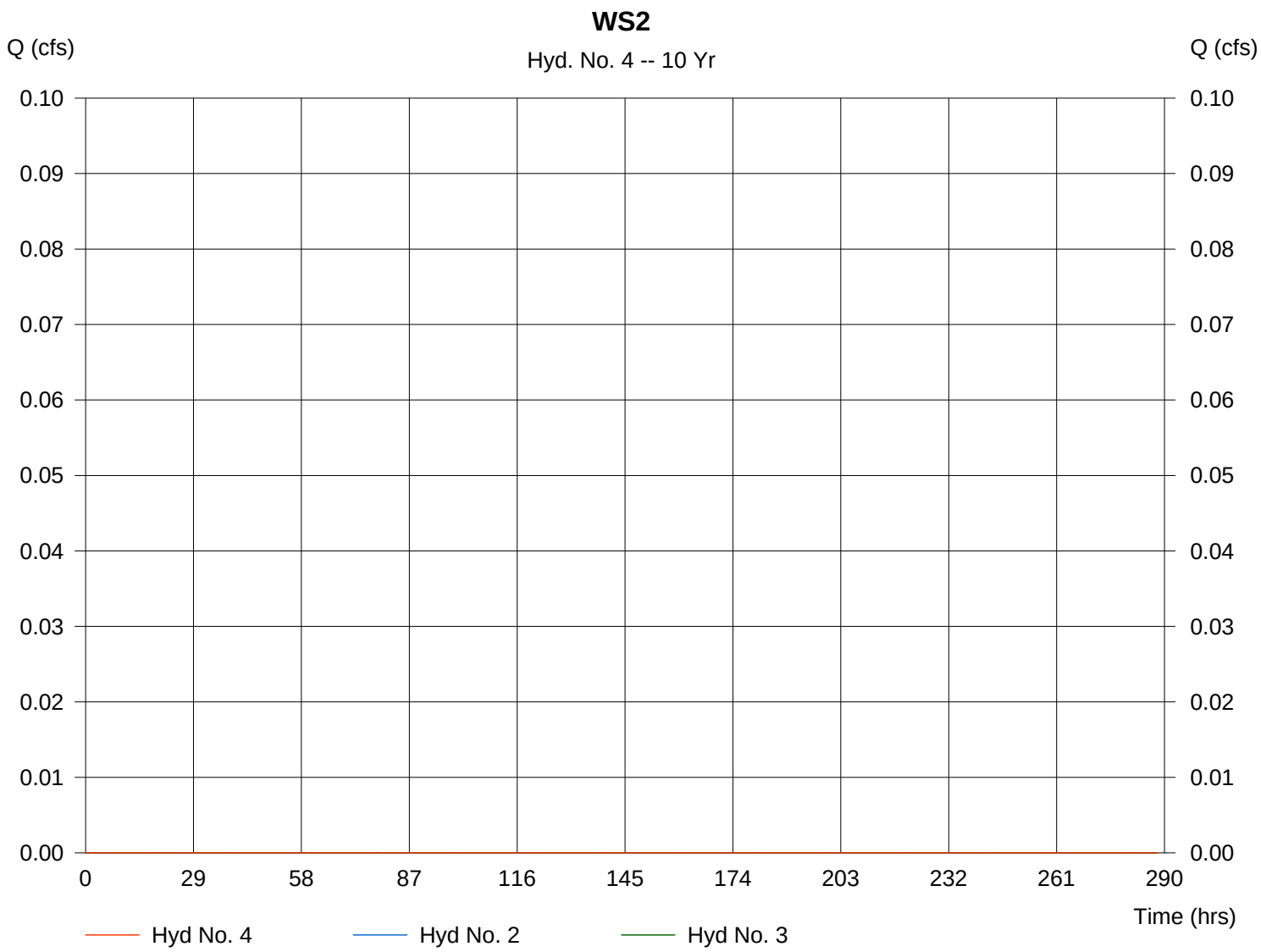
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

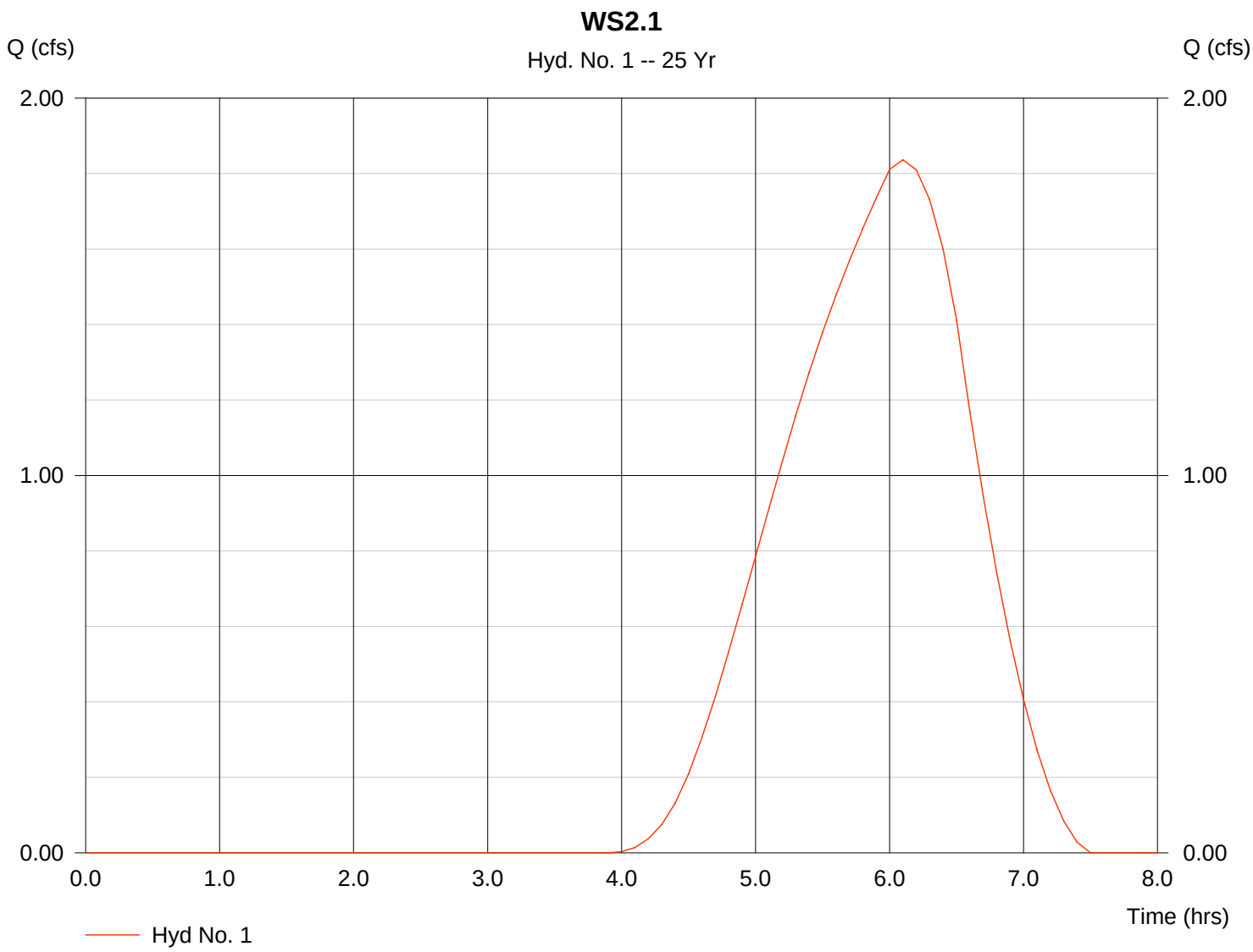
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 1

WS2.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.84 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Drainage area	=	272.000 ac	Curve number	=	62
Basin Slope	=	22.0 %	Hydraulic length	=	7810 ft
Tc method	=	LAG	Time of conc. (Tc)	=	57.80 min
Total precip.	=	1.49 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 10,778 cuft



Hydrograph Plot

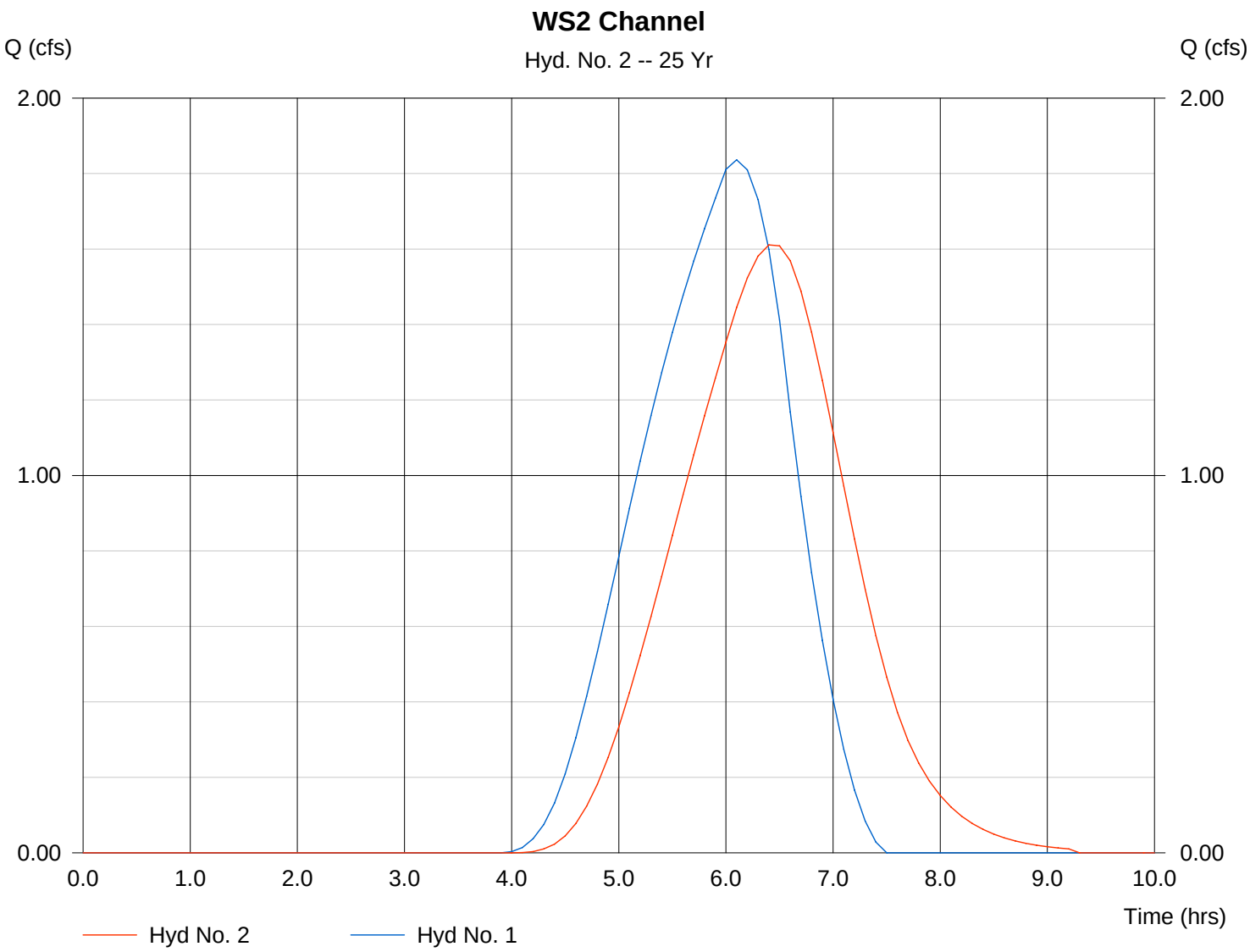
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	1.61 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.2006

Modified Att-Kin routing method used. | Hydrograph Volume = 10,763 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

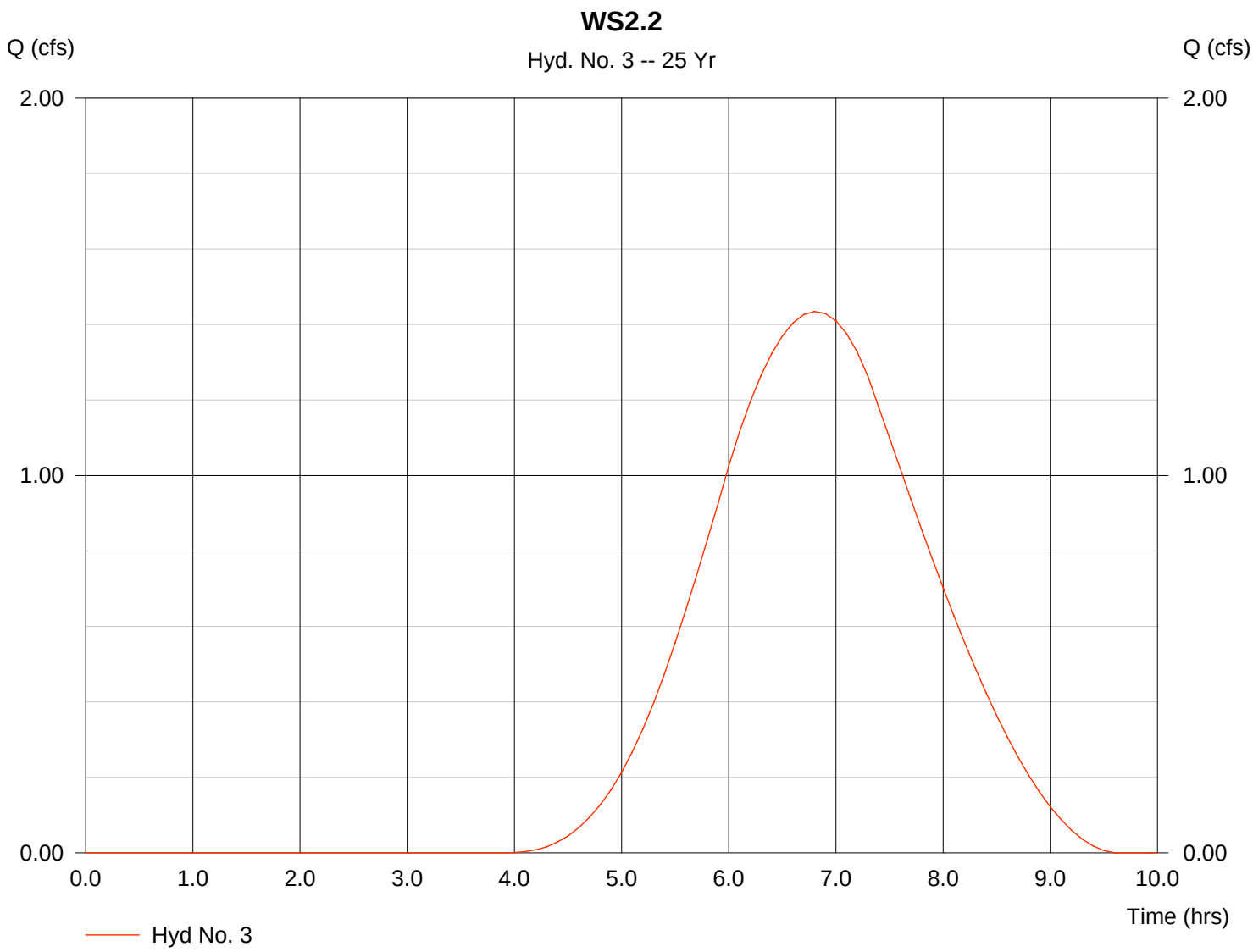
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 1.43 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 12,449 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

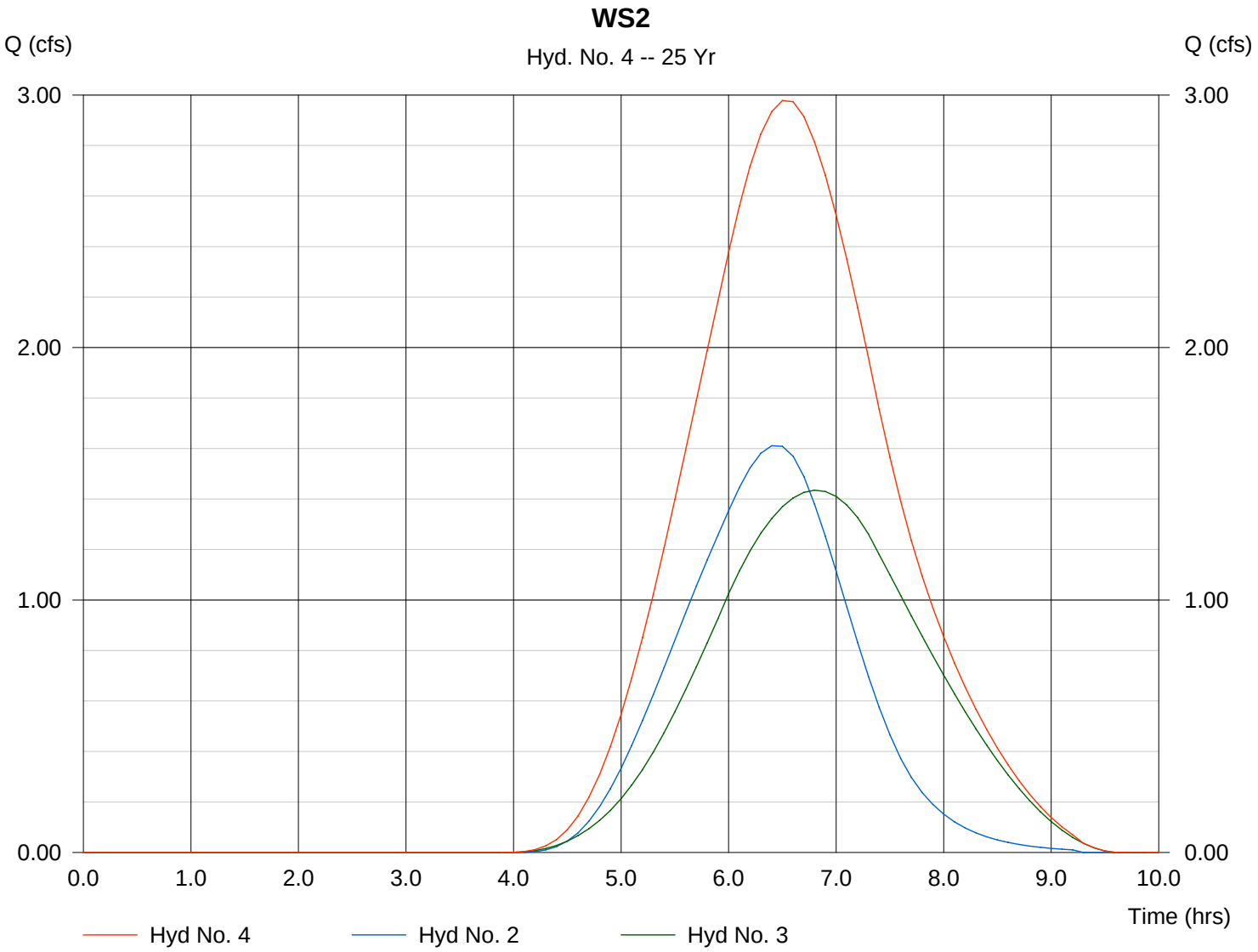
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	2.98 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 23,213 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

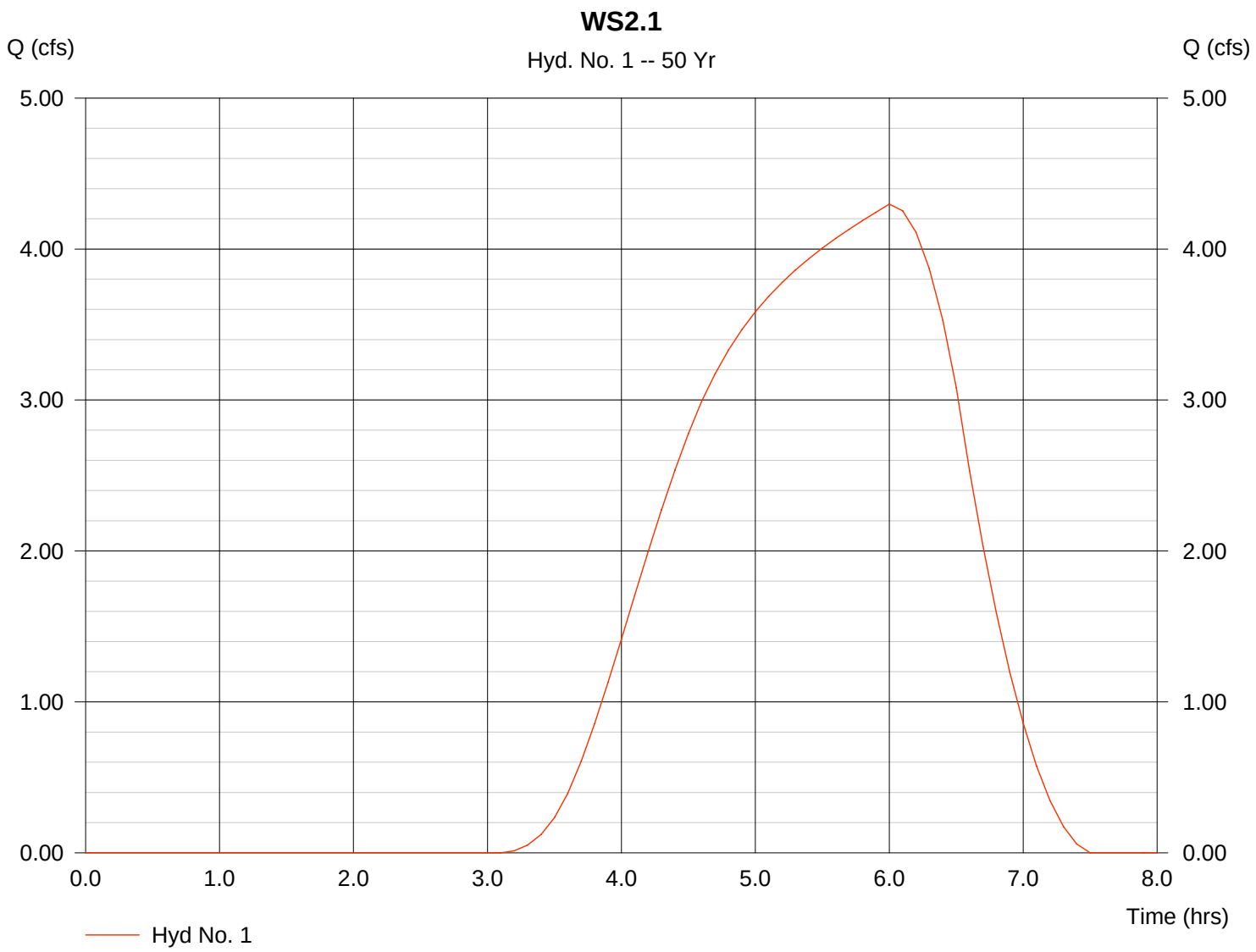
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 1

WS2.1

Hydrograph type	= SCS Runoff	Peak discharge	= 4.30 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 272.000 ac	Curve number	= 62
Basin Slope	= 22.0 %	Hydraulic length	= 7810 ft
Tc method	= LAG	Time of conc. (Tc)	= 57.80 min
Total precip.	= 1.72 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 36,380 cuft



Hydrograph Plot

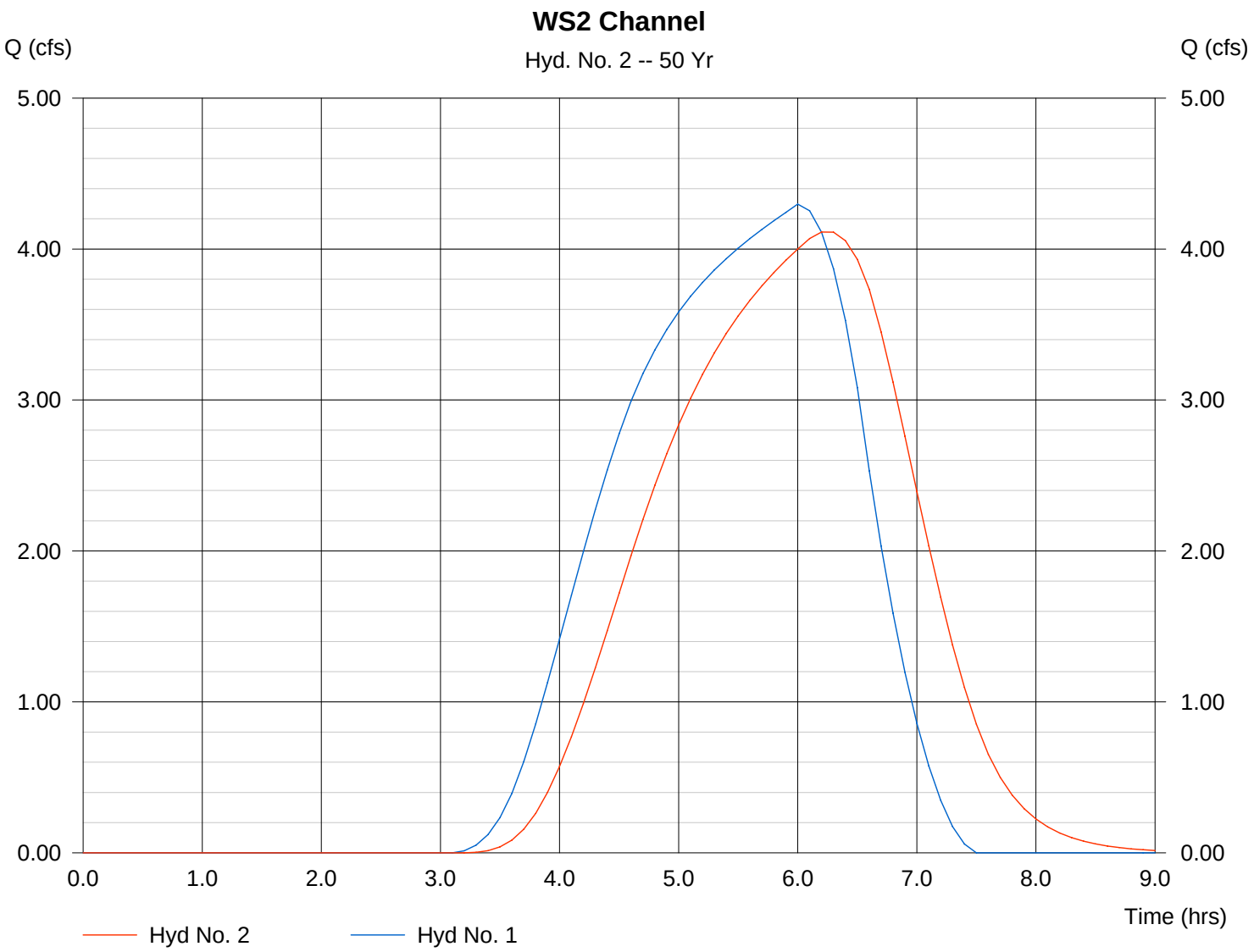
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	4.11 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.2343

Modified Att-Kin routing method used. | Hydrograph Volume = 36,366 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

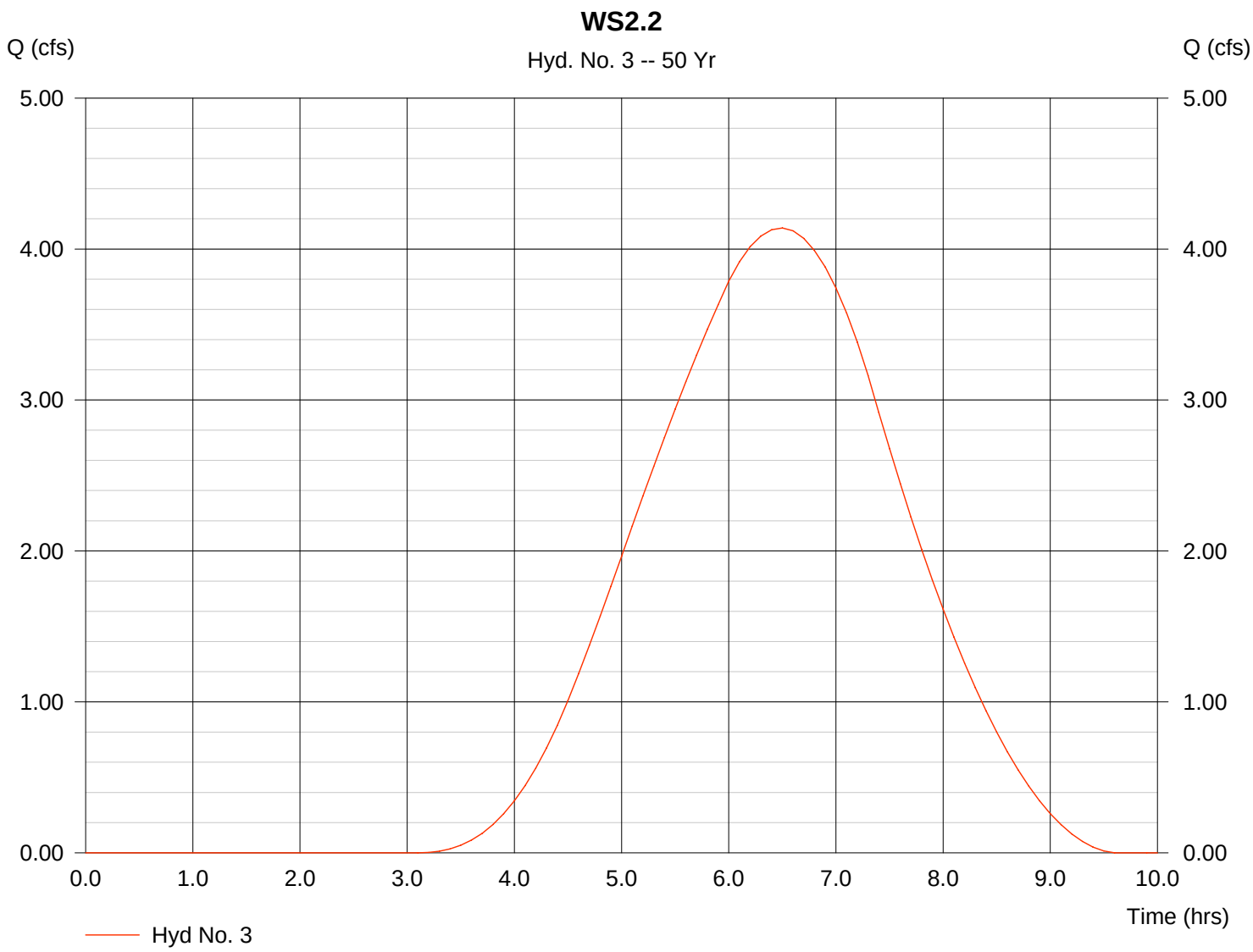
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 4.14 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 1.72 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 42,020 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

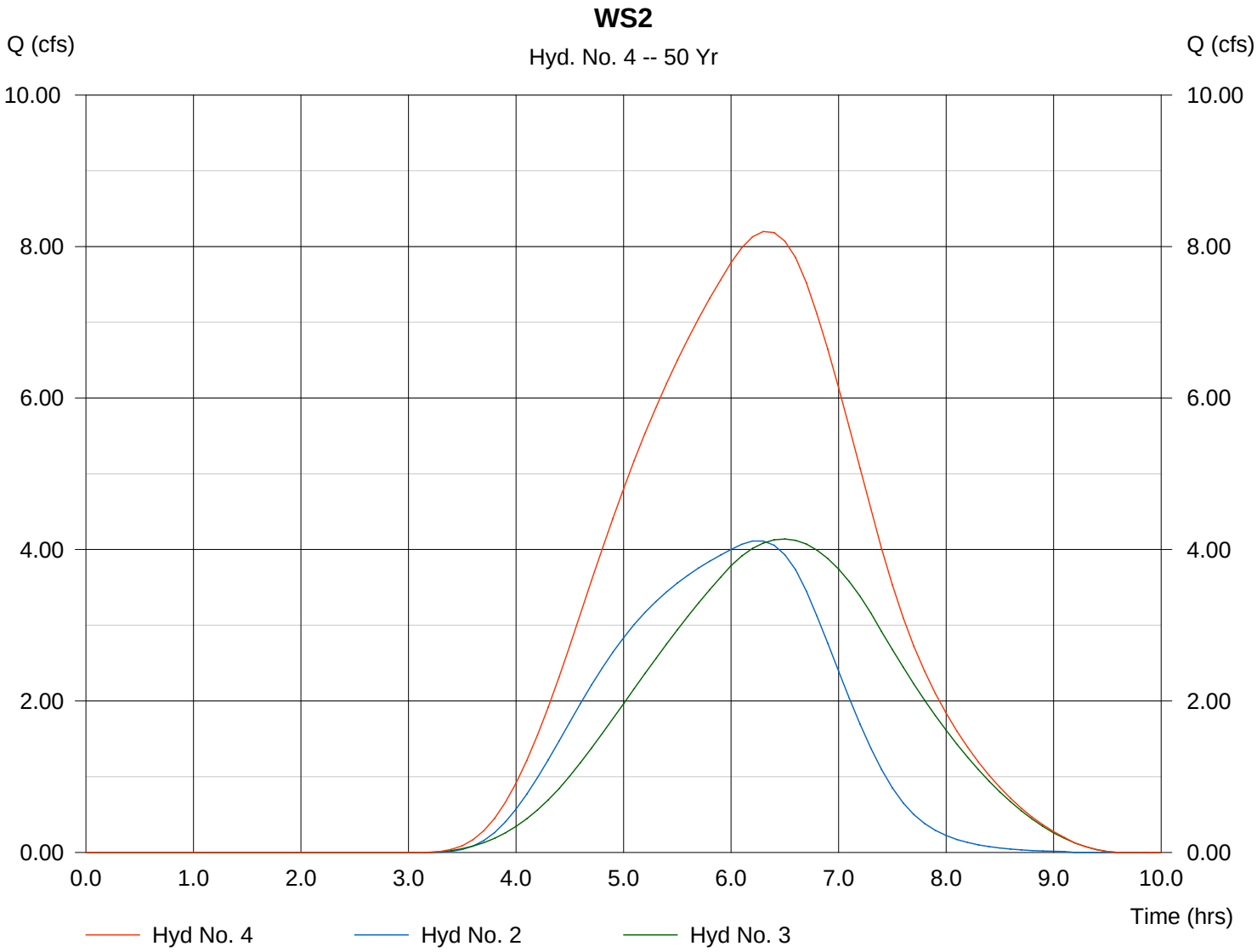
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	8.20 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 78,386 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

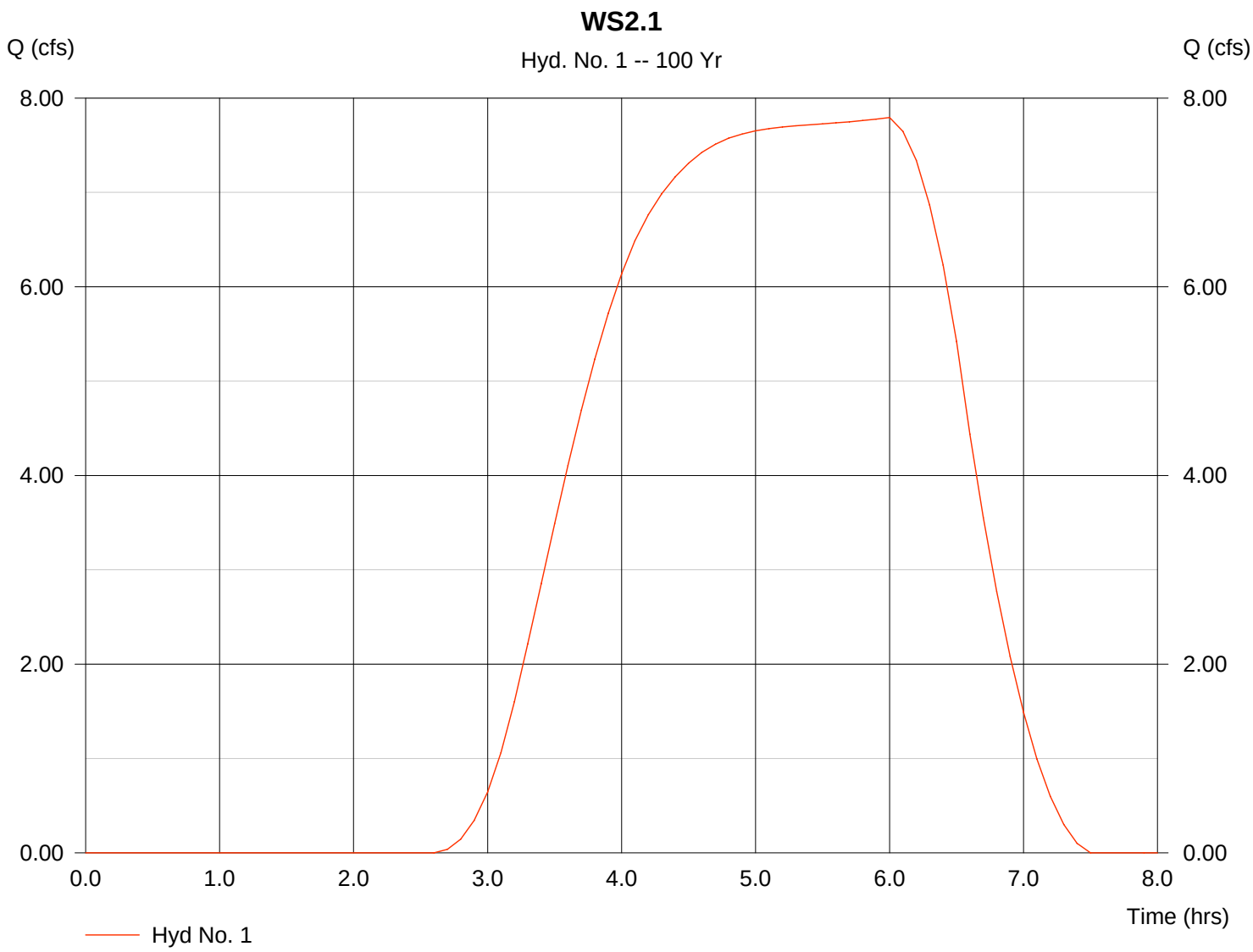
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 1

WS2.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.79 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	272.000 ac	Curve number	=	62
Basin Slope	=	22.0 %	Hydraulic length	=	7810 ft
Tc method	=	LAG	Time of conc. (Tc)	=	57.80 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 85,663 cuft



Hydrograph Plot

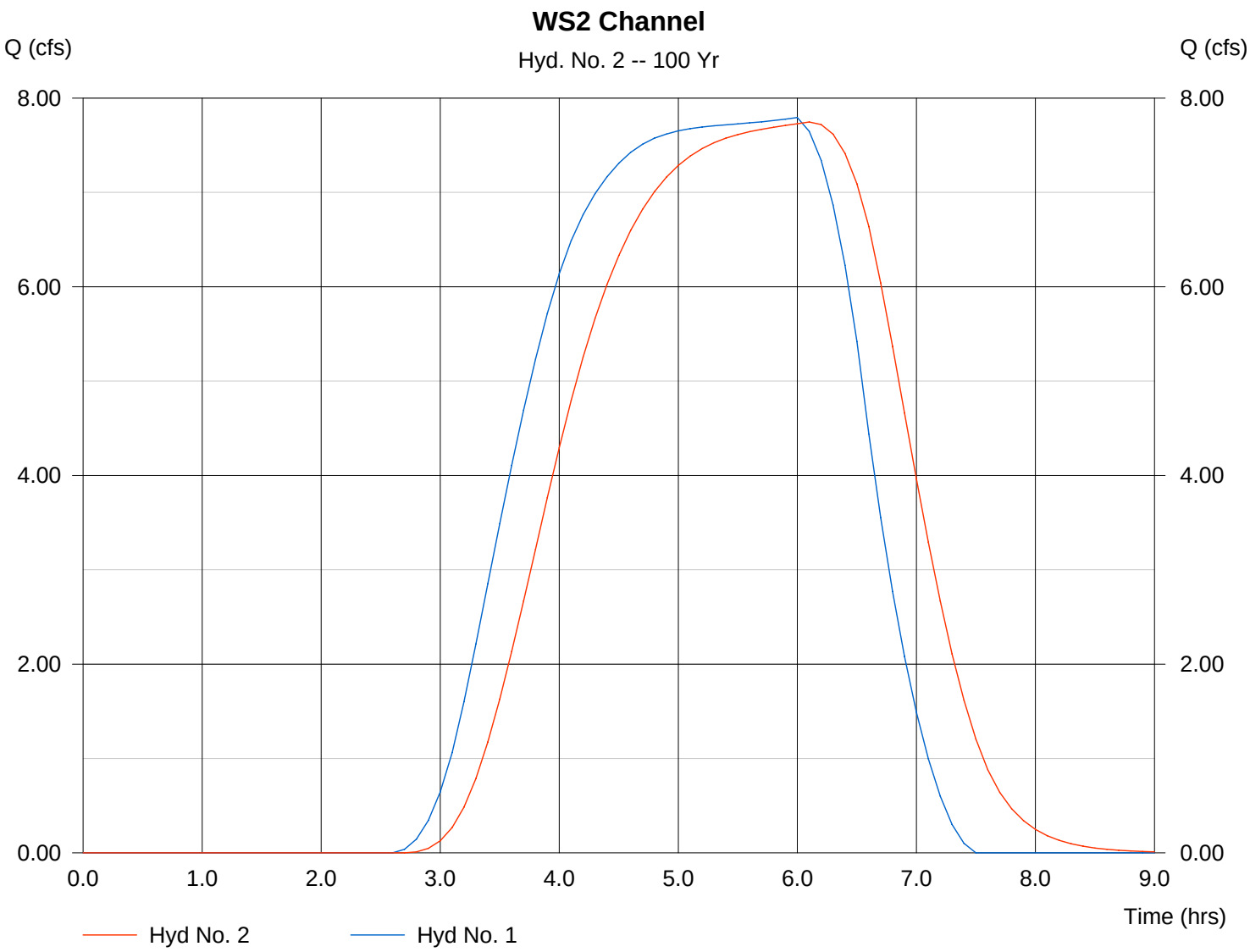
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	7.75 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.2712

Modified Att-Kin routing method used. | Hydrograph Volume = 85,652 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

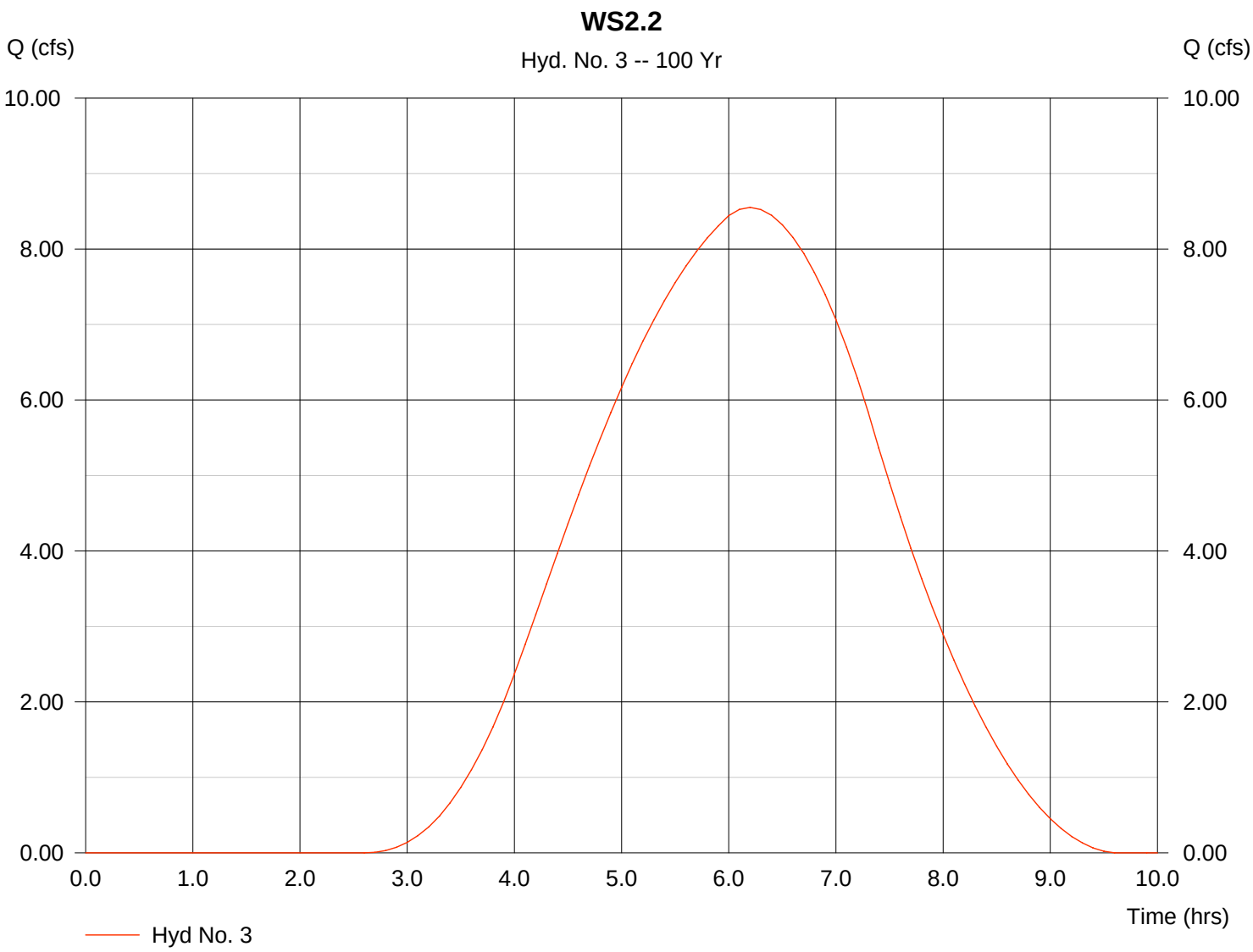
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 3

WS2.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	8.55 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	317.000 ac	Curve number	=	62
Basin Slope	=	4.7 %	Hydraulic length	=	8560 ft
Tc method	=	LAG	Time of conc. (Tc)	=	135.00 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 98,943 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

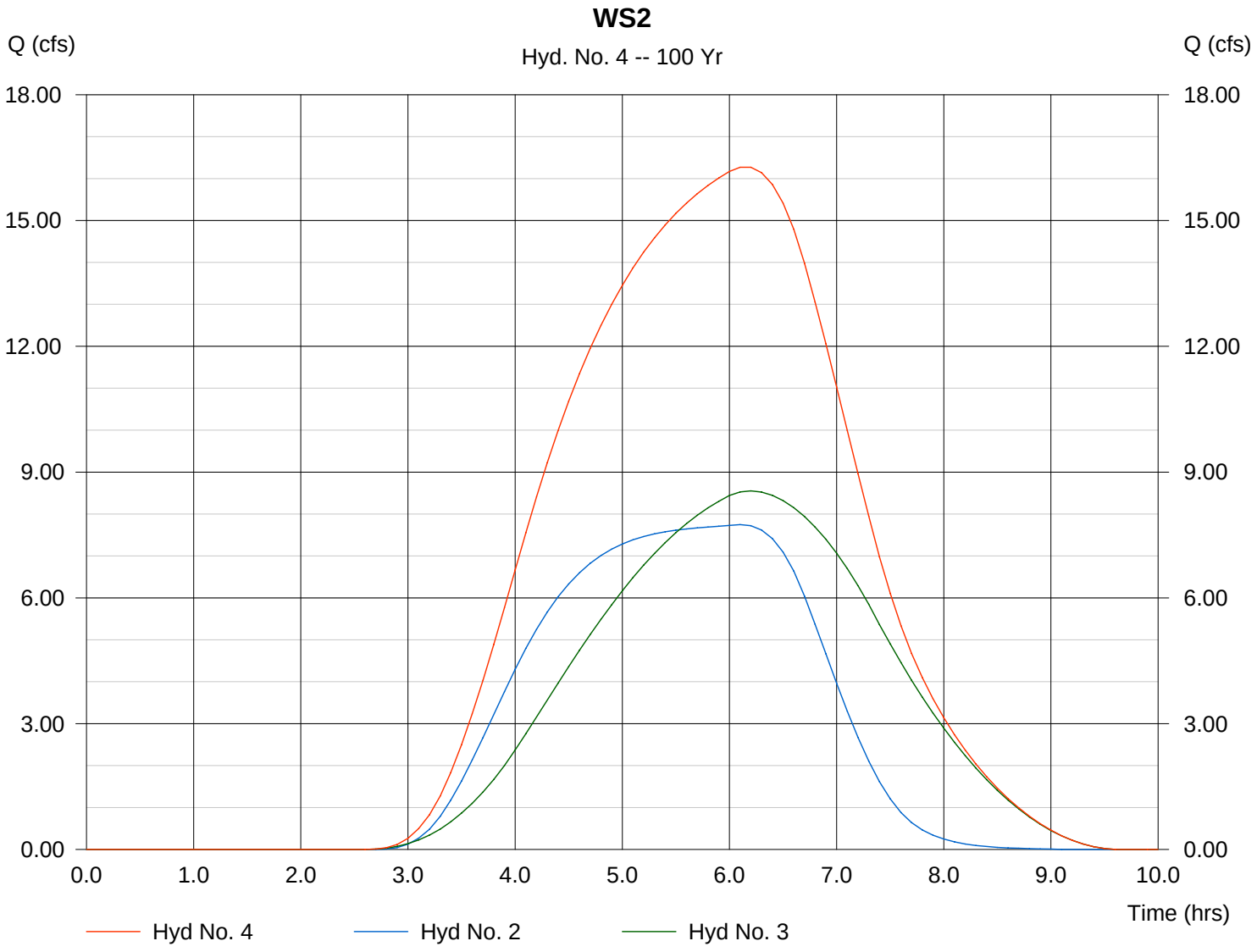
Wednesday, Nov 30 2005, 7:47 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	16.27 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 184,596 cuft



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Hydrograph Reports 6

Hydrograph No. 1, SCS Runoff, WS7.1 6

Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

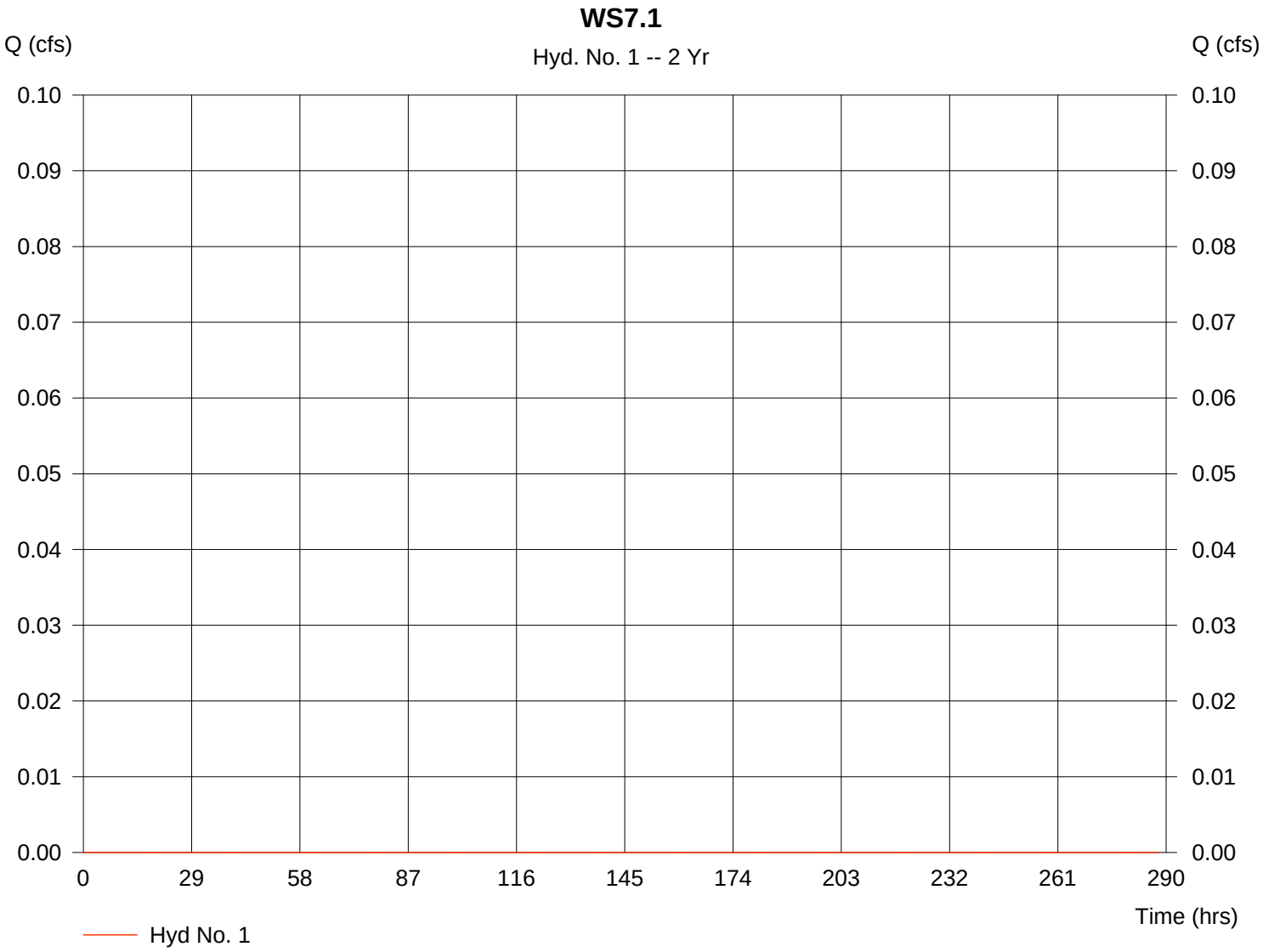
Wednesday, Nov 30 2005, 7:49 AM

Hyd. No. 1

WS7.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 849.000 ac	Curve number	= 65
Basin Slope	= 19.7 %	Hydraulic length	= 12880 ft
Tc method	= LAG	Time of conc. (Tc)	= 84.30 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

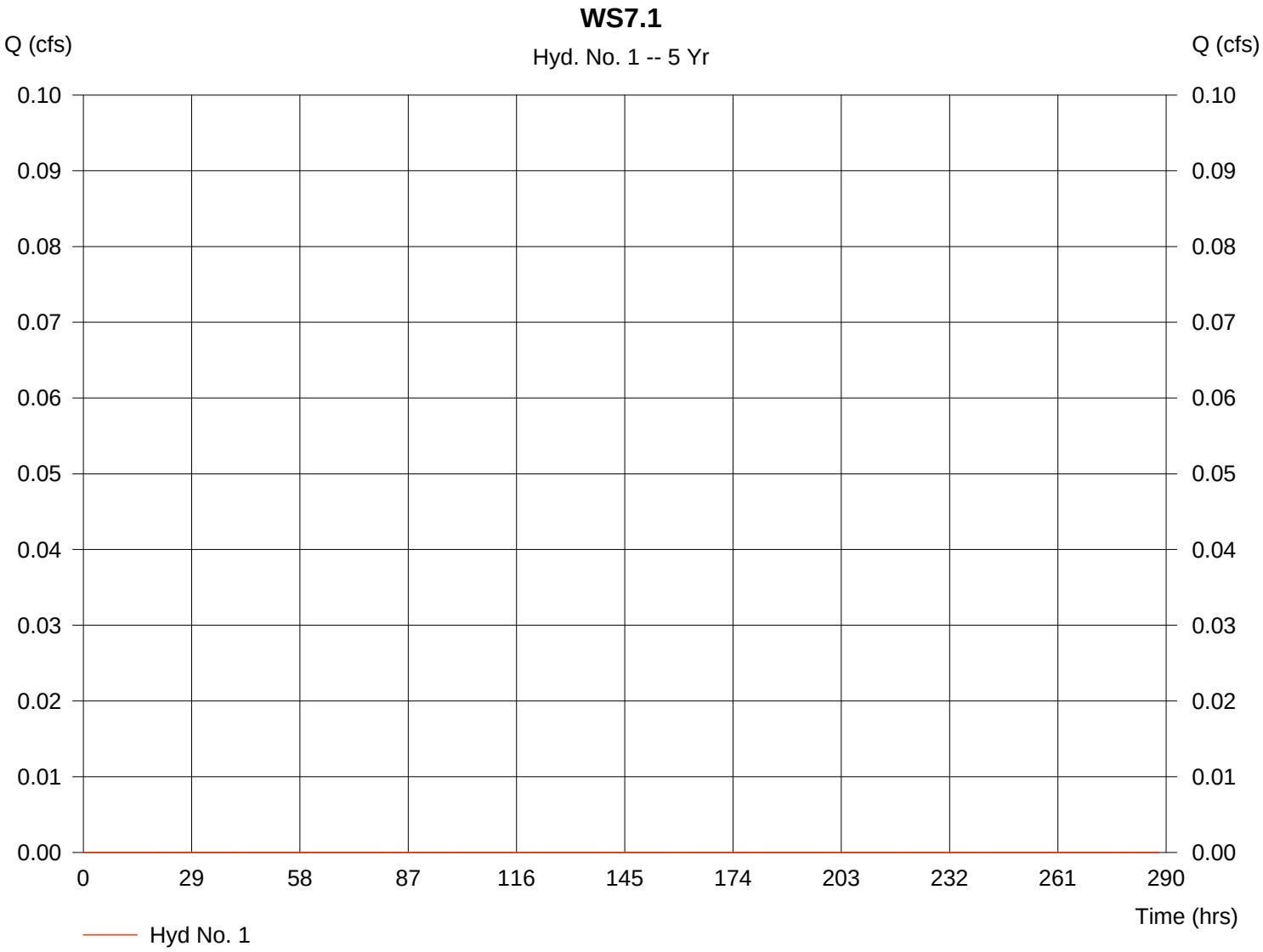
Wednesday, Nov 30 2005, 7:49 AM

Hyd. No. 1

WS7.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 849.000 ac	Curve number	= 65
Basin Slope	= 19.7 %	Hydraulic length	= 12880 ft
Tc method	= LAG	Time of conc. (Tc)	= 84.30 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

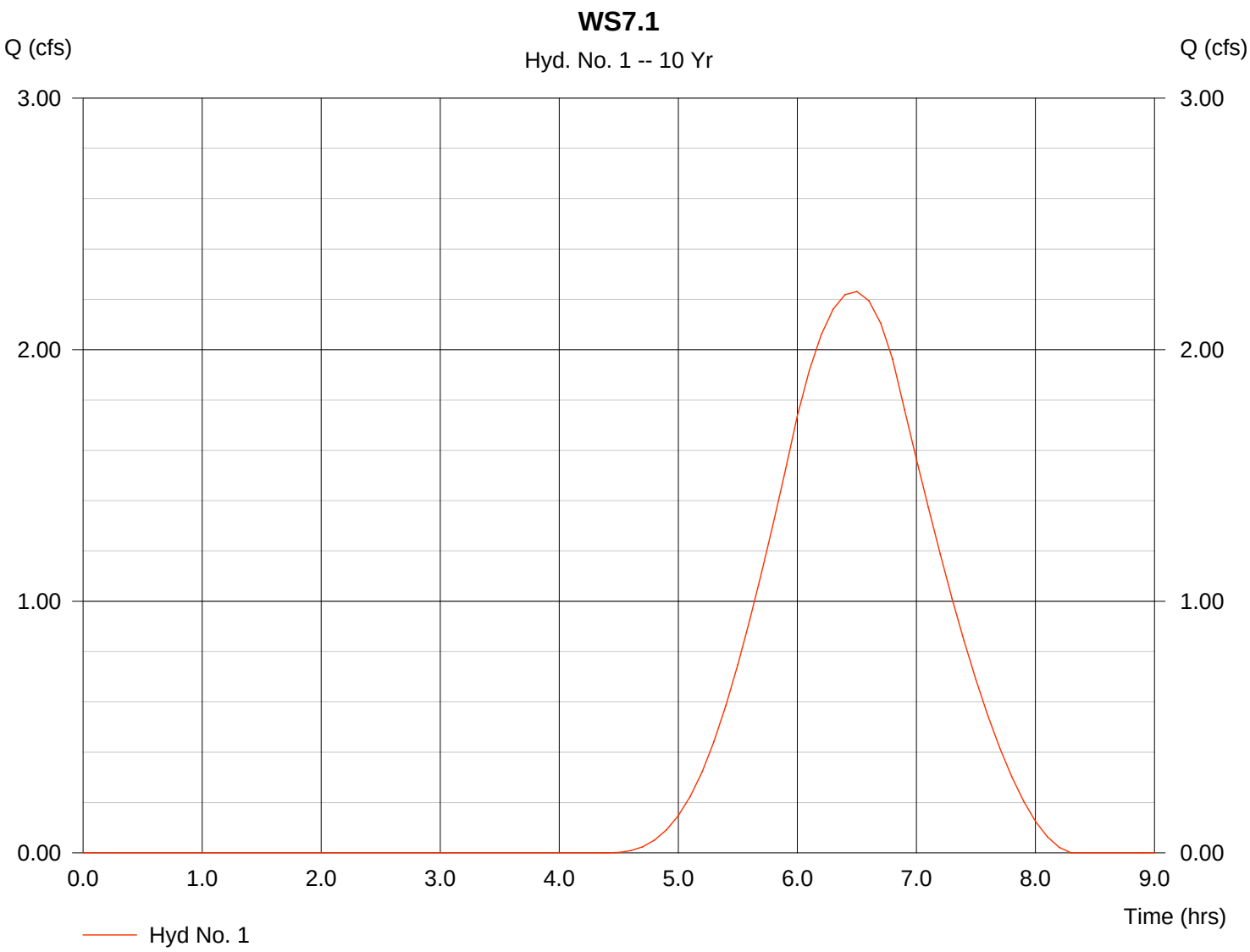
Wednesday, Nov 30 2005, 7:50 AM

Hyd. No. 1

WS7.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.23 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	849.000 ac	Curve number	=	65
Basin Slope	=	19.7 %	Hydraulic length	=	12880 ft
Tc method	=	LAG	Time of conc. (Tc)	=	84.30 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 13,041 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

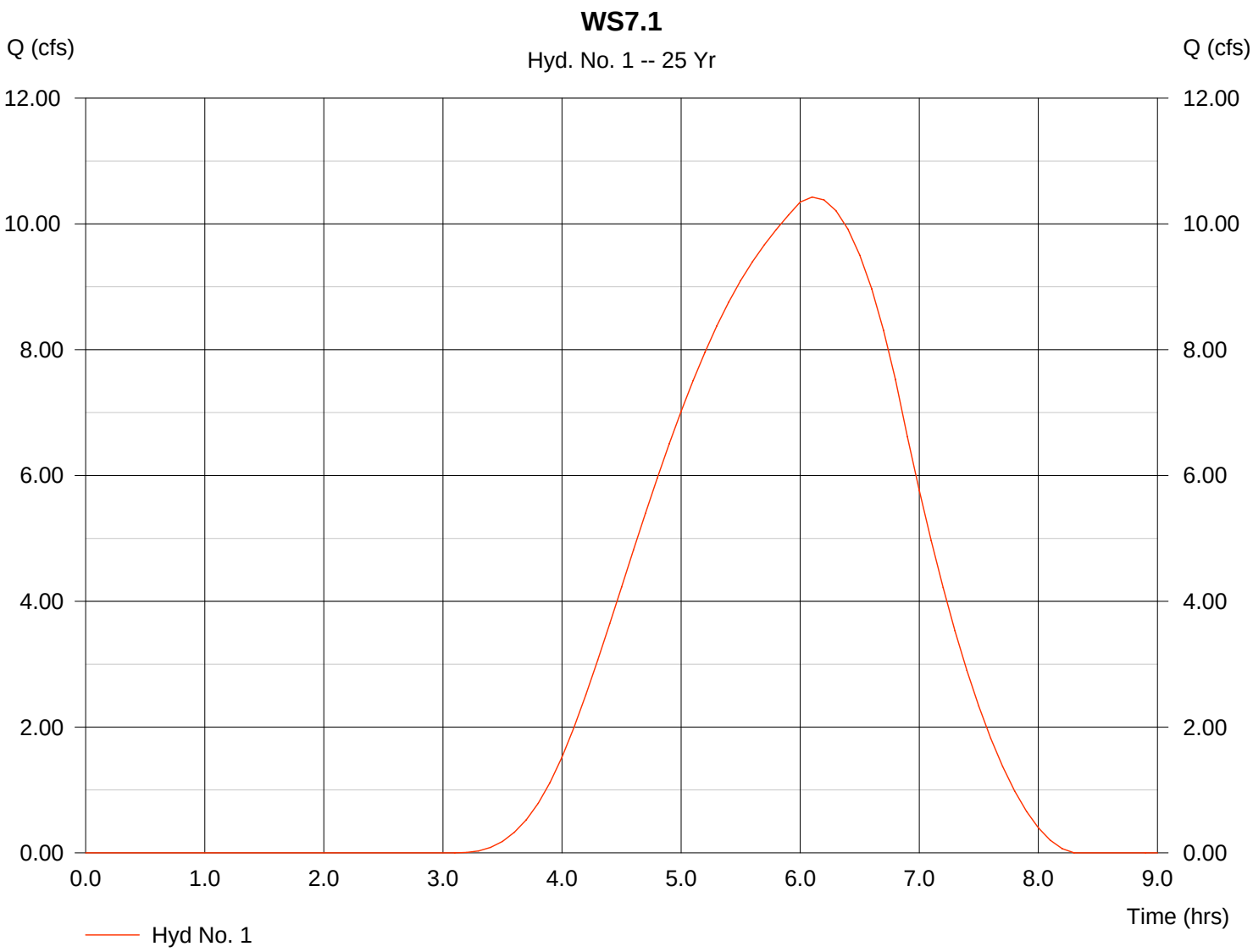
Wednesday, Nov 30 2005, 7:50 AM

Hyd. No. 1

WS7.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	10.43 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Drainage area	=	849.000 ac	Curve number	=	65
Basin Slope	=	19.7 %	Hydraulic length	=	12880 ft
Tc method	=	LAG	Time of conc. (Tc)	=	84.30 min
Total precip.	=	1.49 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 90,698 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

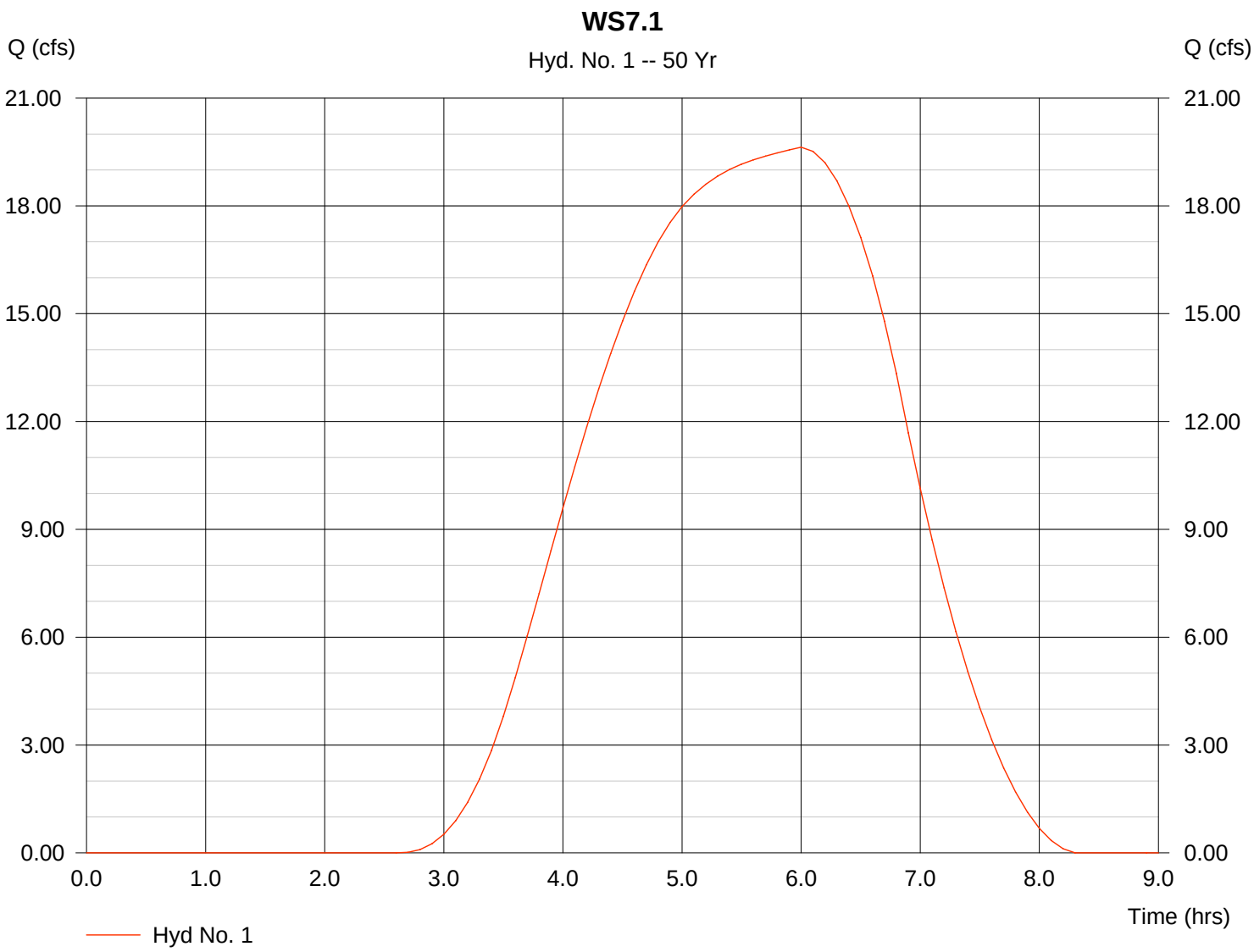
Wednesday, Nov 30 2005, 7:50 AM

Hyd. No. 1

WS7.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	19.63 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	849.000 ac	Curve number	=	65
Basin Slope	=	19.7 %	Hydraulic length	=	12880 ft
Tc method	=	LAG	Time of conc. (Tc)	=	84.30 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 211,425 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

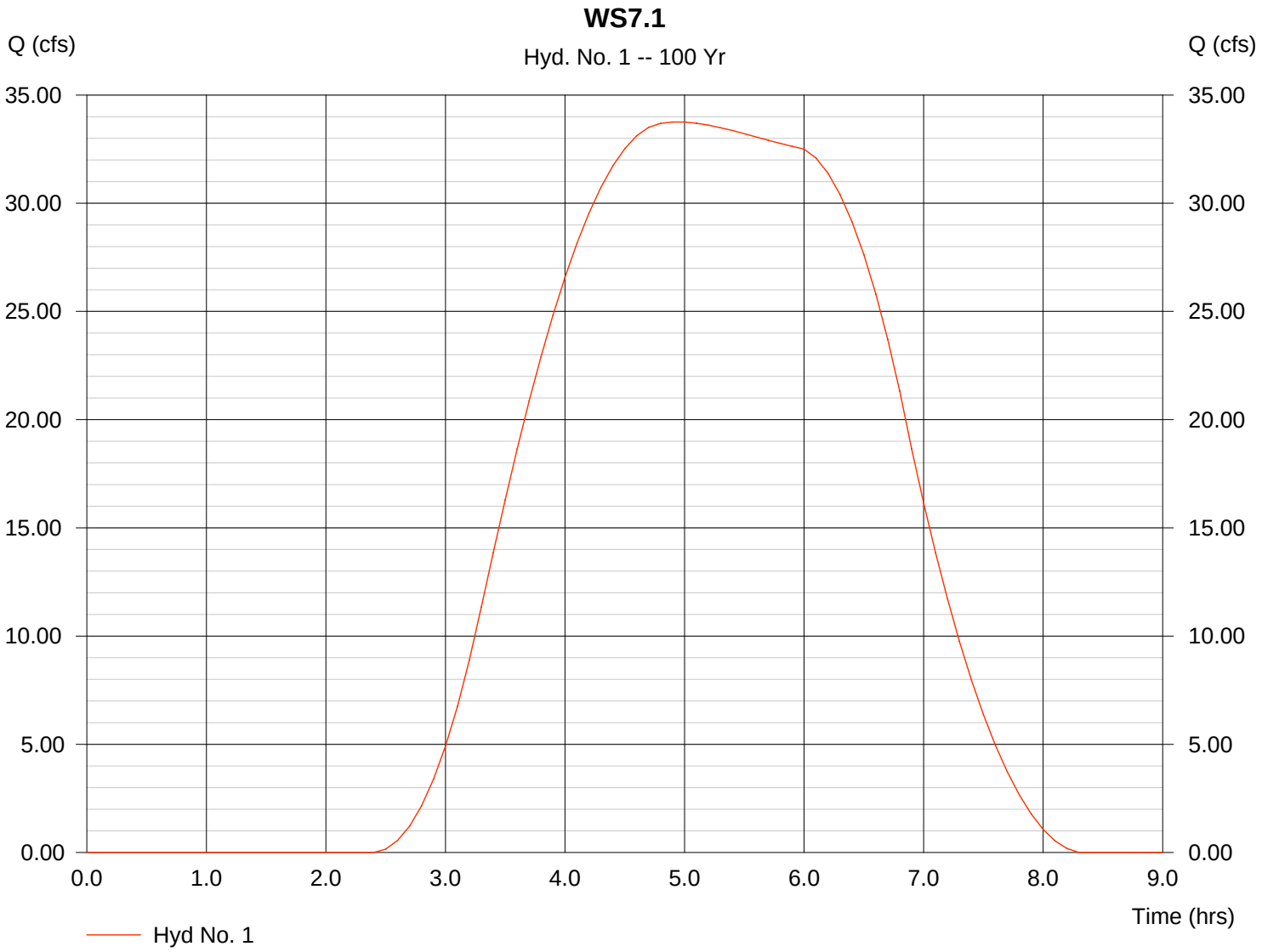
Wednesday, Nov 30 2005, 7:50 AM

Hyd. No. 1

WS7.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	33.75 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	849.000 ac	Curve number	=	65
Basin Slope	=	19.7 %	Hydraulic length	=	12880 ft
Tc method	=	LAG	Time of conc. (Tc)	=	84.30 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 416,148 cuft



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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

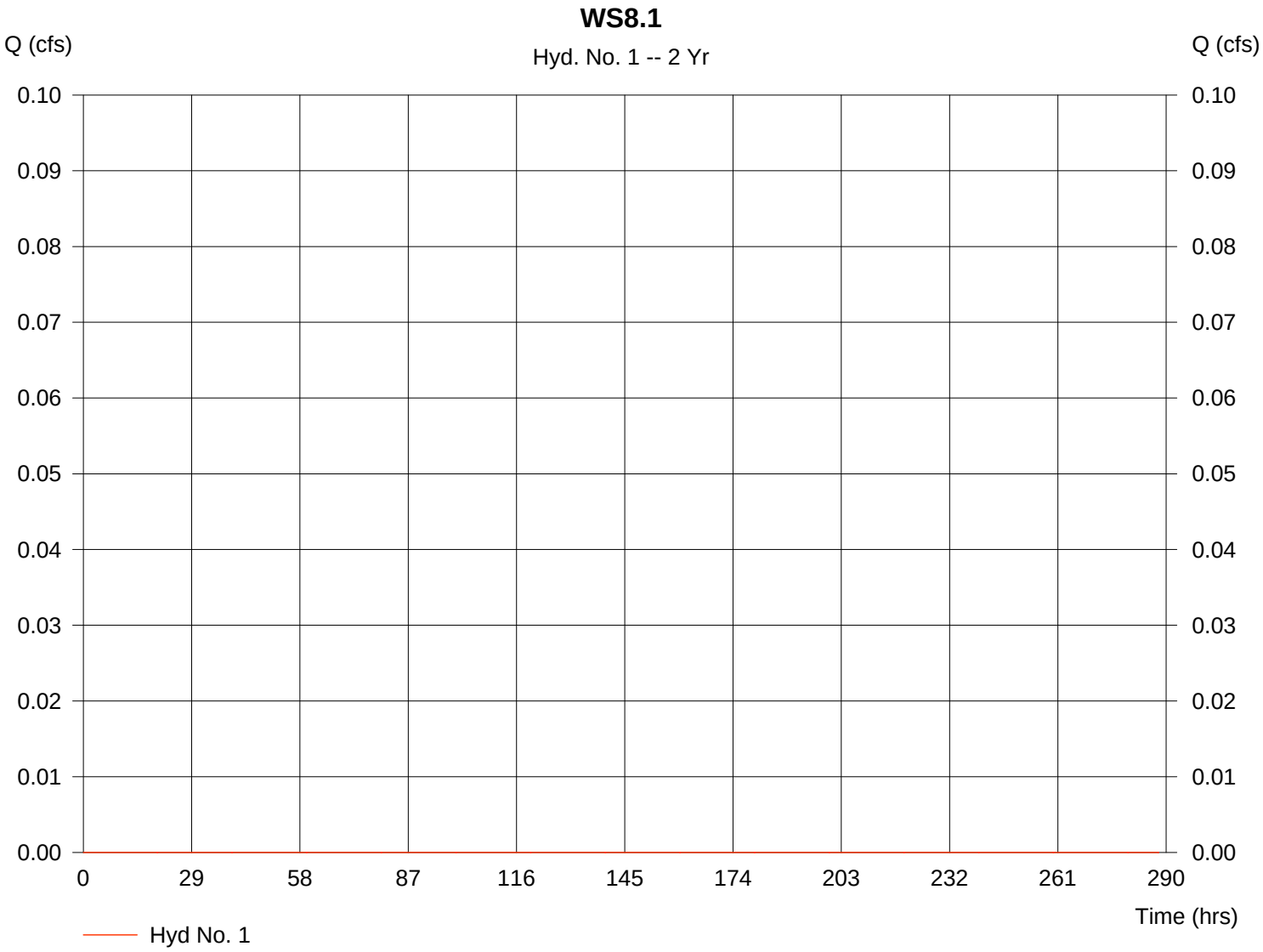
Wednesday, Nov 30 2005, 7:52 AM

Hyd. No. 1

WS8.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 278.000 ac	Curve number	= 65
Basin Slope	= 21.1 %	Hydraulic length	= 9670 ft
Tc method	= LAG	Time of conc. (Tc)	= 64.80 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

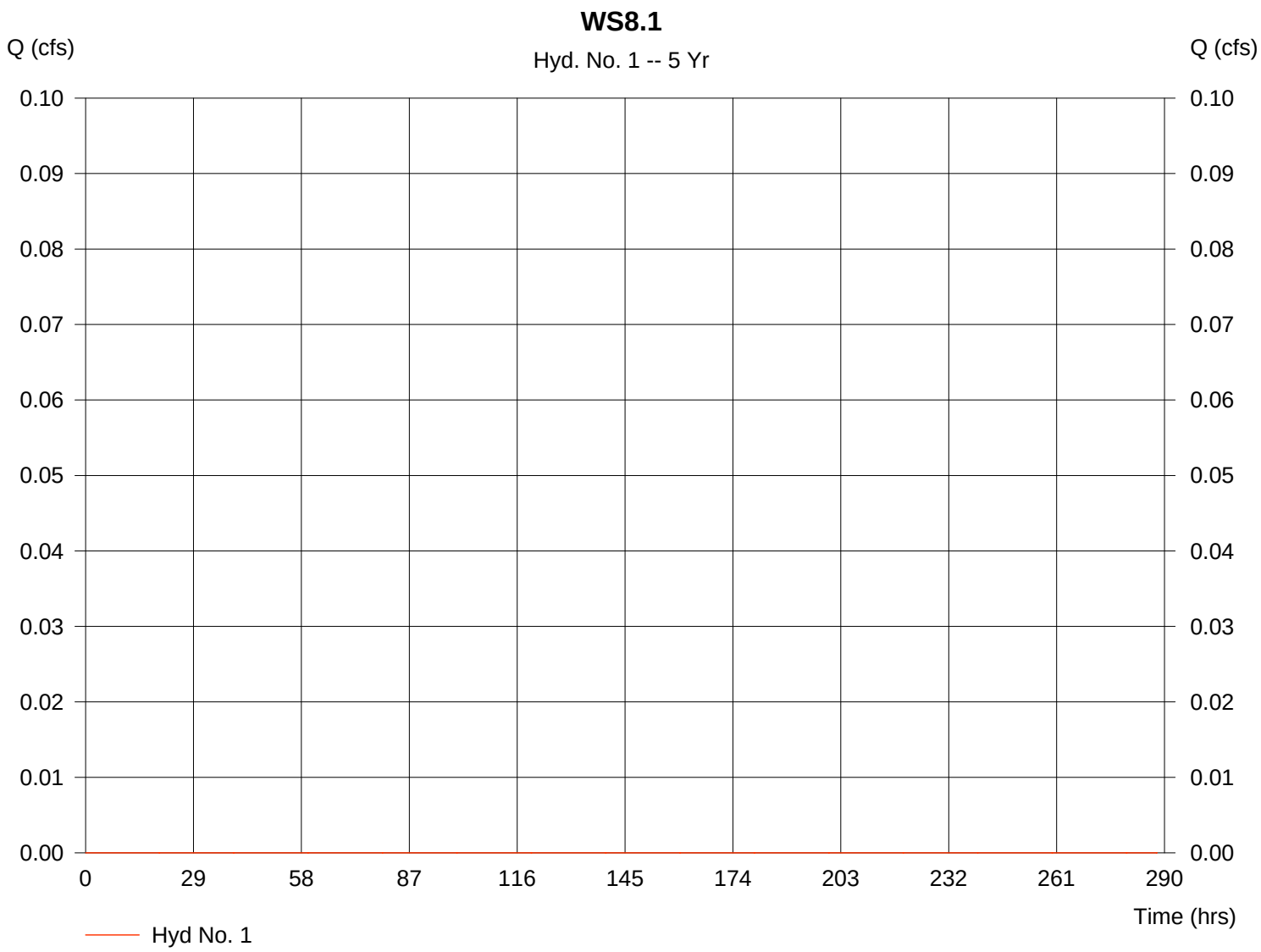
Wednesday, Nov 30 2005, 7:52 AM

Hyd. No. 1

WS8.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 278.000 ac	Curve number	= 65
Basin Slope	= 21.1 %	Hydraulic length	= 9670 ft
Tc method	= LAG	Time of conc. (Tc)	= 64.80 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

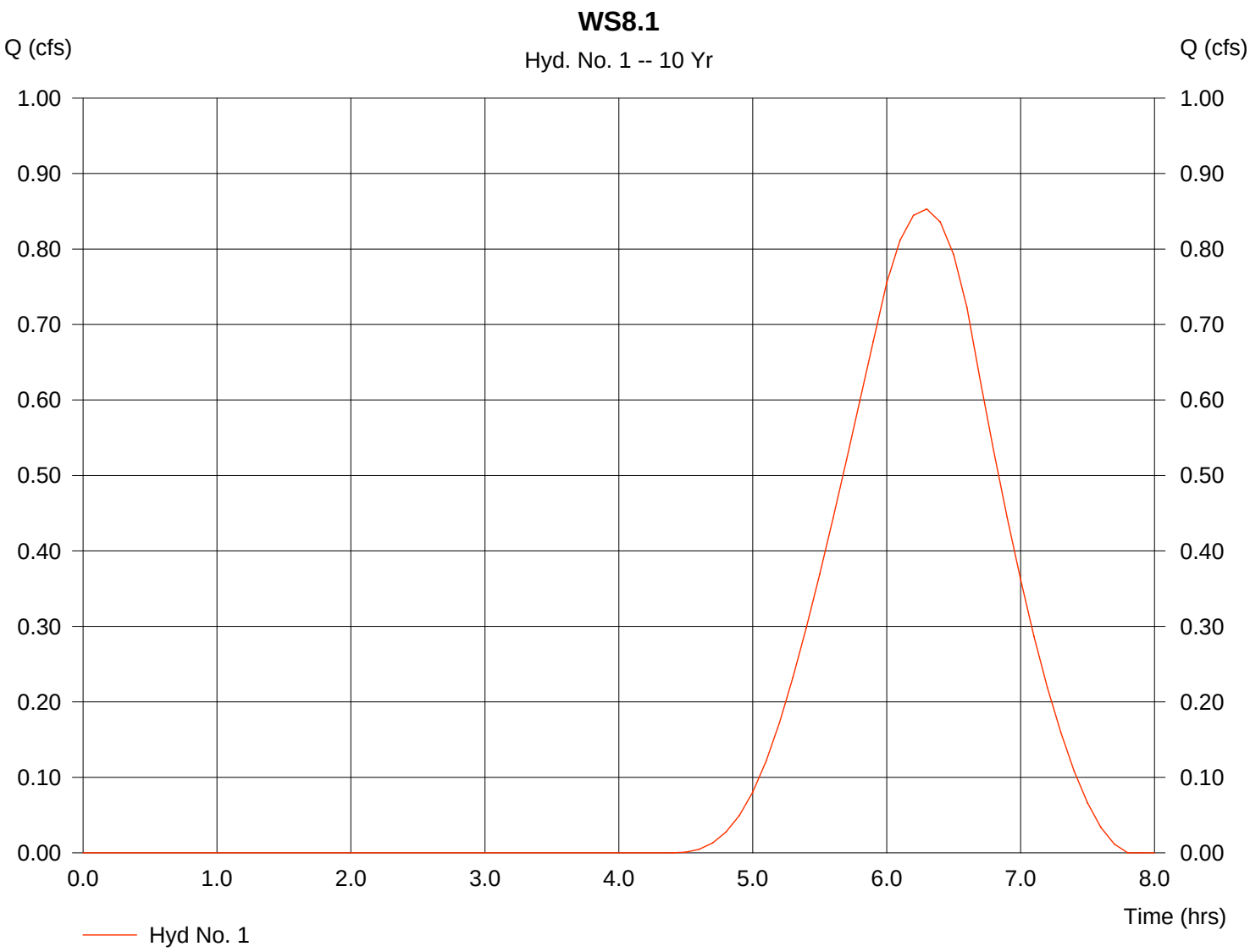
Wednesday, Nov 30 2005, 7:52 AM

Hyd. No. 1

WS8.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.85 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	278.000 ac	Curve number	=	65
Basin Slope	=	21.1 %	Hydraulic length	=	9670 ft
Tc method	=	LAG	Time of conc. (Tc)	=	64.80 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 4,346 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

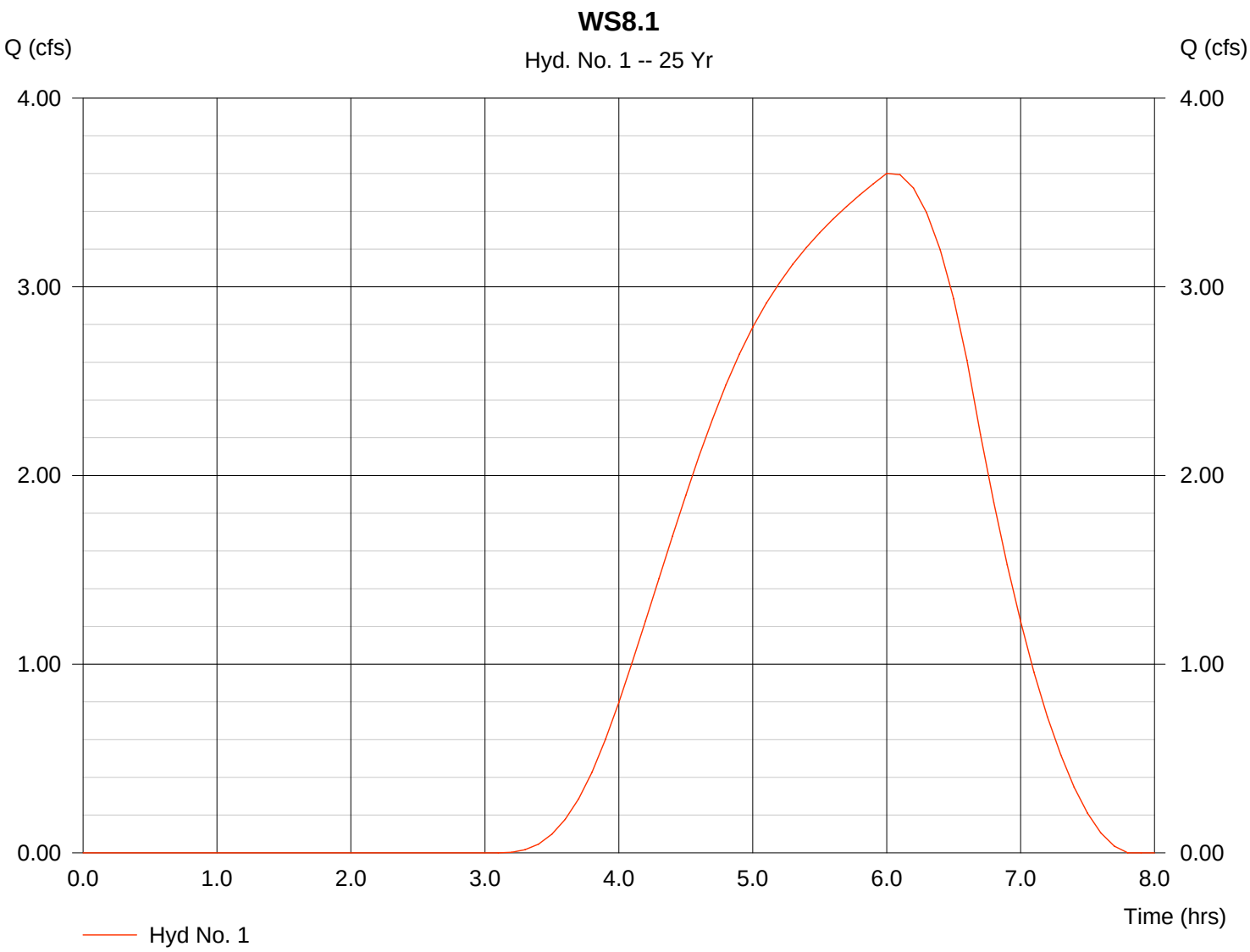
Wednesday, Nov 30 2005, 7:52 AM

Hyd. No. 1

WS8.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.60 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Drainage area	=	278.000 ac	Curve number	=	65
Basin Slope	=	21.1 %	Hydraulic length	=	9670 ft
Tc method	=	LAG	Time of conc. (Tc)	=	64.80 min
Total precip.	=	1.49 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 30,229 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

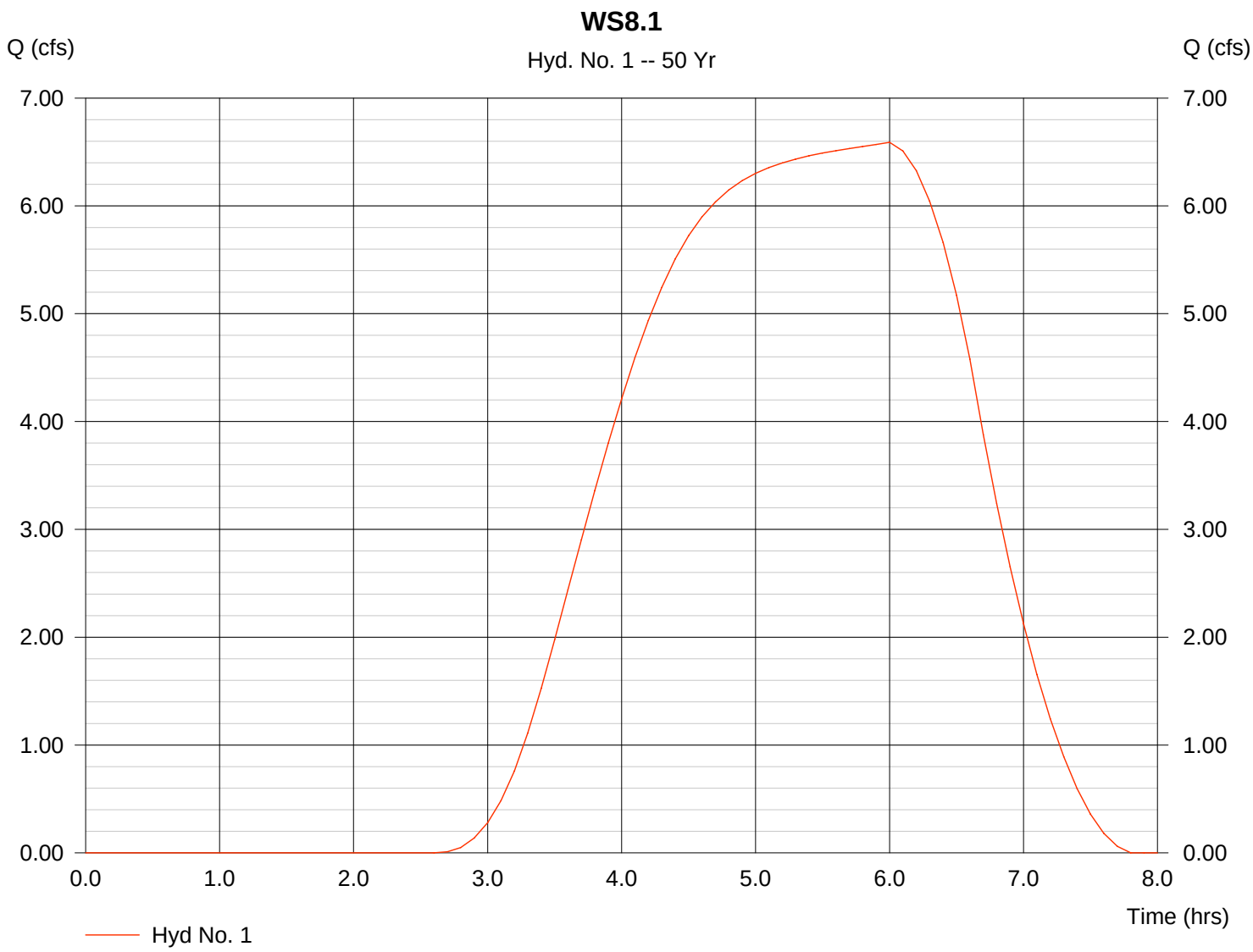
Wednesday, Nov 30 2005, 7:52 AM

Hyd. No. 1

WS8.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.59 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	278.000 ac	Curve number	=	65
Basin Slope	=	21.1 %	Hydraulic length	=	9670 ft
Tc method	=	LAG	Time of conc. (Tc)	=	64.80 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 70,466 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

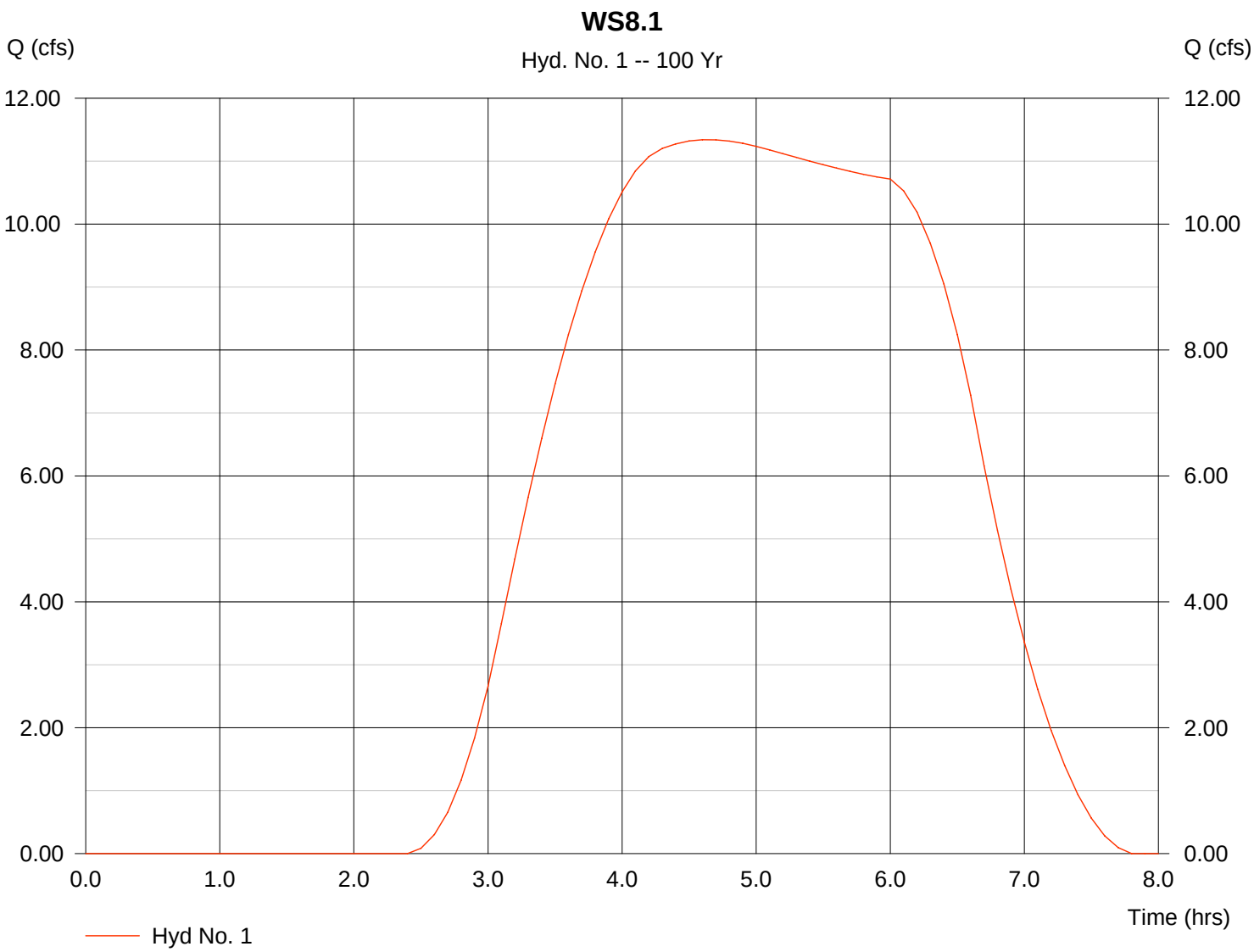
Wednesday, Nov 30 2005, 7:52 AM

Hyd. No. 1

WS8.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.34 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	278.000 ac	Curve number	=	65
Basin Slope	=	21.1 %	Hydraulic length	=	9670 ft
Tc method	=	LAG	Time of conc. (Tc)	=	64.80 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 138,699 cuft



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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

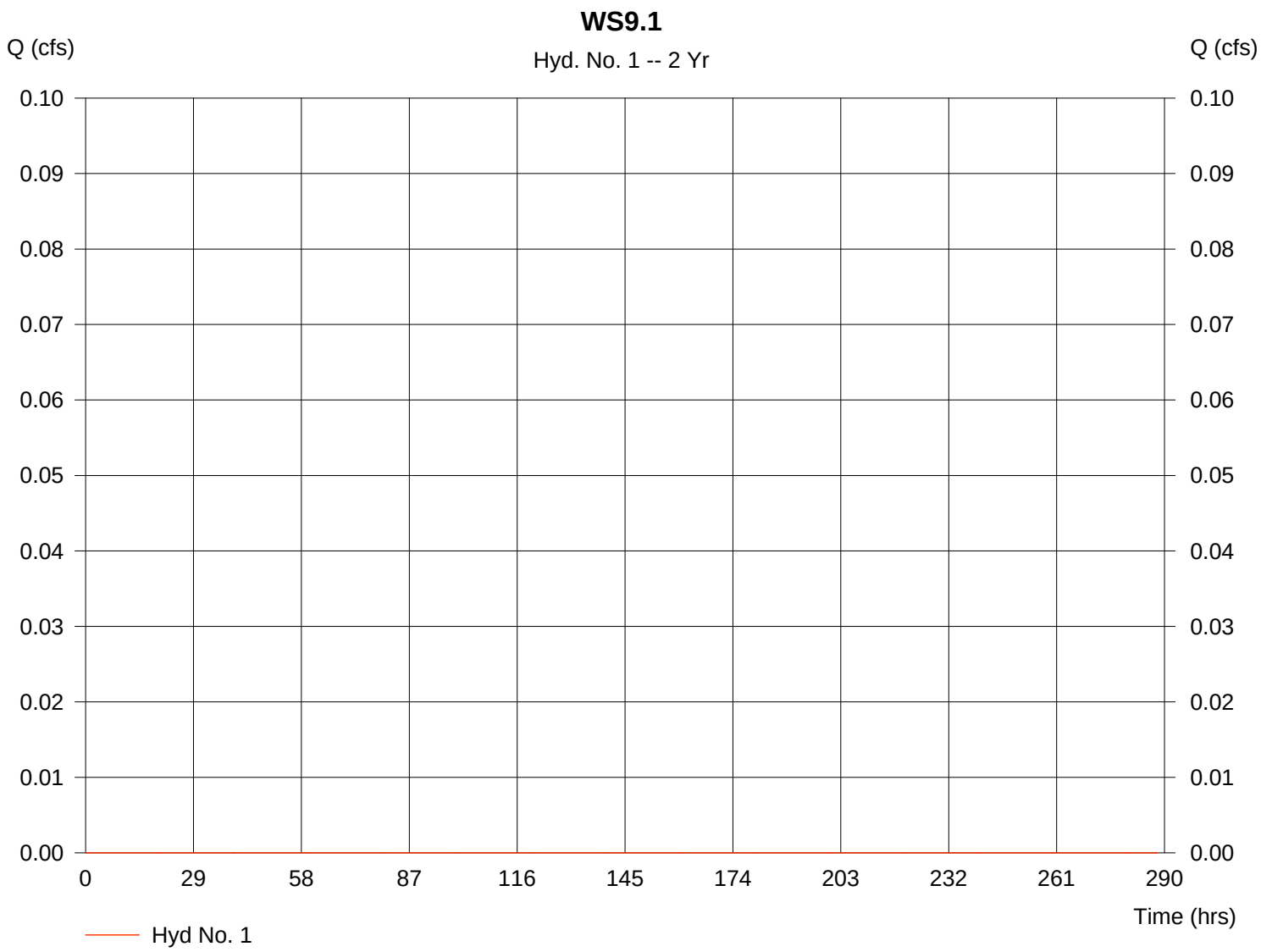
Wednesday, Nov 30 2005, 7:54 AM

Hyd. No. 1

WS9.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 1317.000 ac	Curve number	= 65
Basin Slope	= 20.0 %	Hydraulic length	= 13900 ft
Tc method	= LAG	Time of conc. (Tc)	= 89.00 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

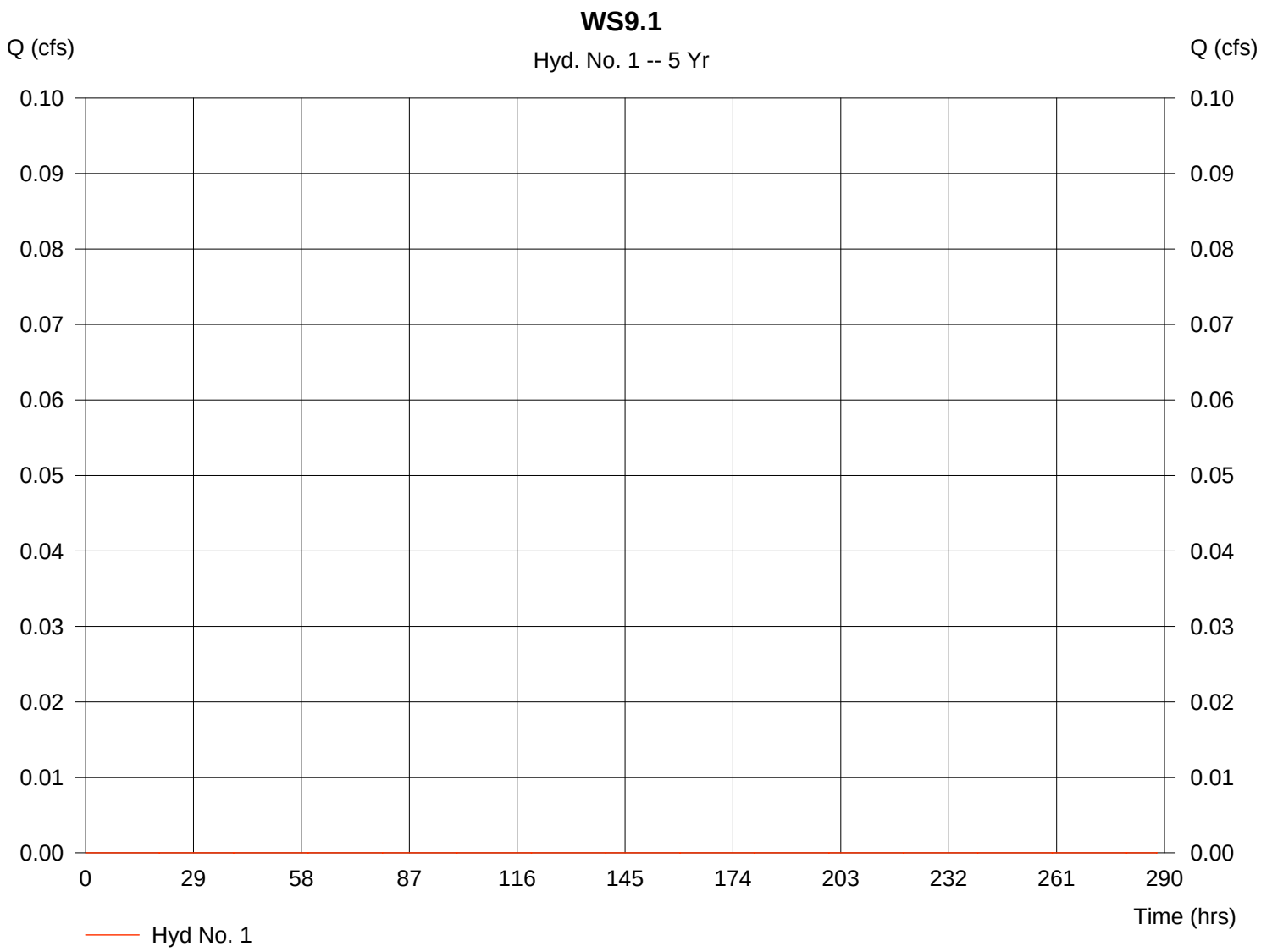
Wednesday, Nov 30 2005, 7:54 AM

Hyd. No. 1

WS9.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 1317.000 ac	Curve number	= 65
Basin Slope	= 20.0 %	Hydraulic length	= 13900 ft
Tc method	= LAG	Time of conc. (Tc)	= 89.00 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

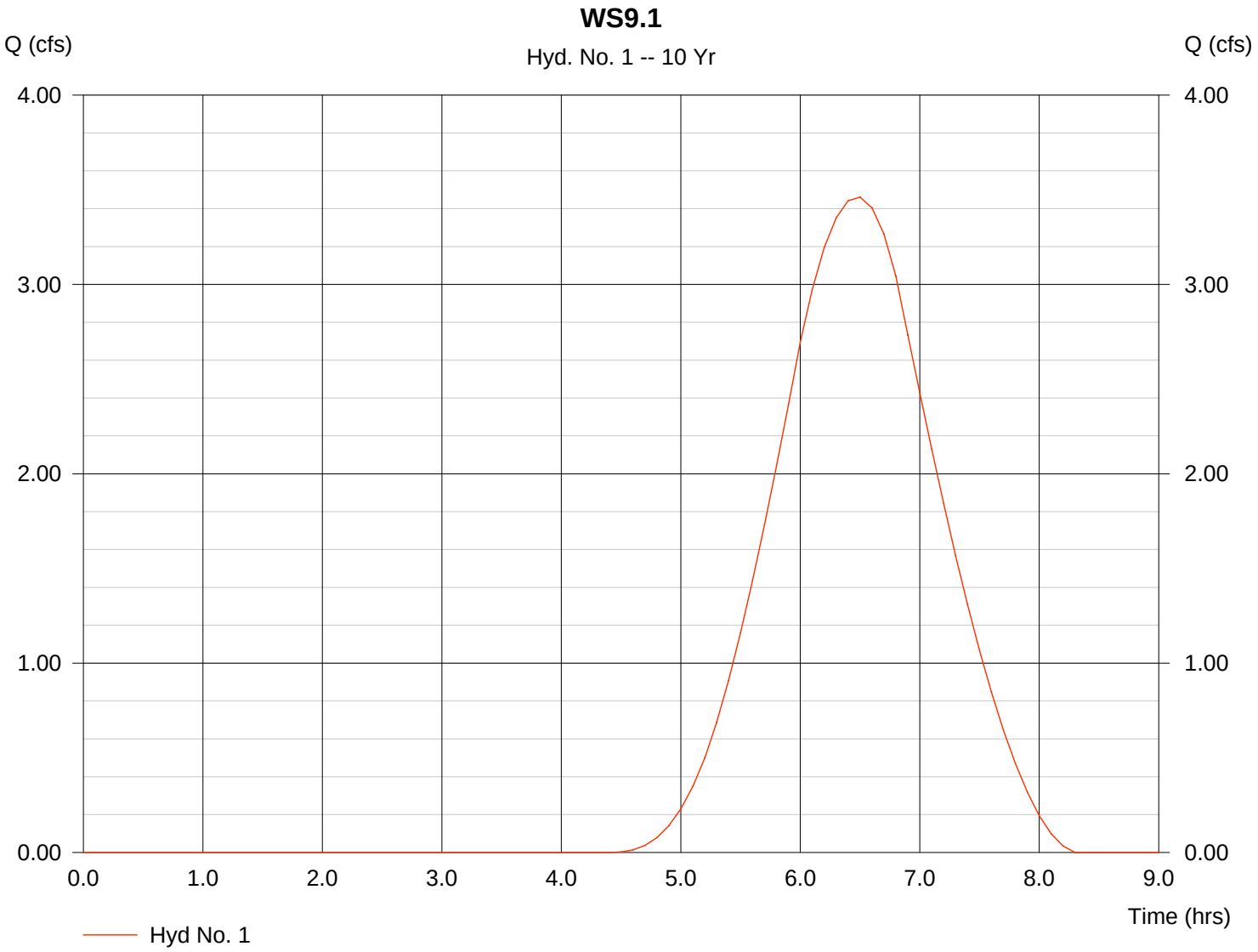
Wednesday, Nov 30 2005, 7:55 AM

Hyd. No. 1

WS9.1

Hydrograph type	= SCS Runoff	Peak discharge	= 3.46 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 1317.000 ac	Curve number	= 65
Basin Slope	= 20.0 %	Hydraulic length	= 13900 ft
Tc method	= LAG	Time of conc. (Tc)	= 89.00 min
Total precip.	= 1.23 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 20,229 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

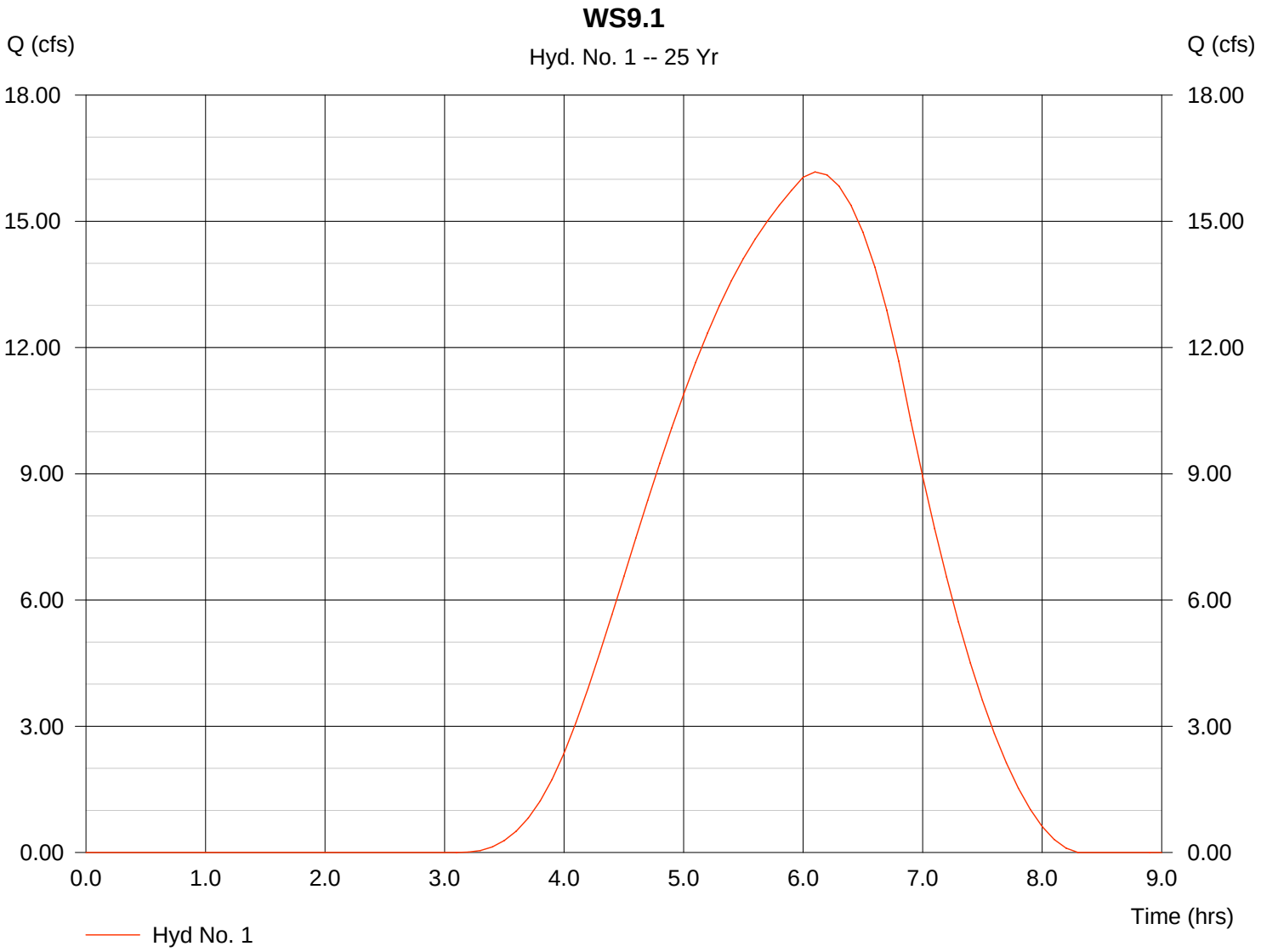
Wednesday, Nov 30 2005, 7:55 AM

Hyd. No. 1

WS9.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	16.17 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Drainage area	=	1317.000 ac	Curve number	=	65
Basin Slope	=	20.0 %	Hydraulic length	=	13900 ft
Tc method	=	LAG	Time of conc. (Tc)	=	89.00 min
Total precip.	=	1.49 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 140,694 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

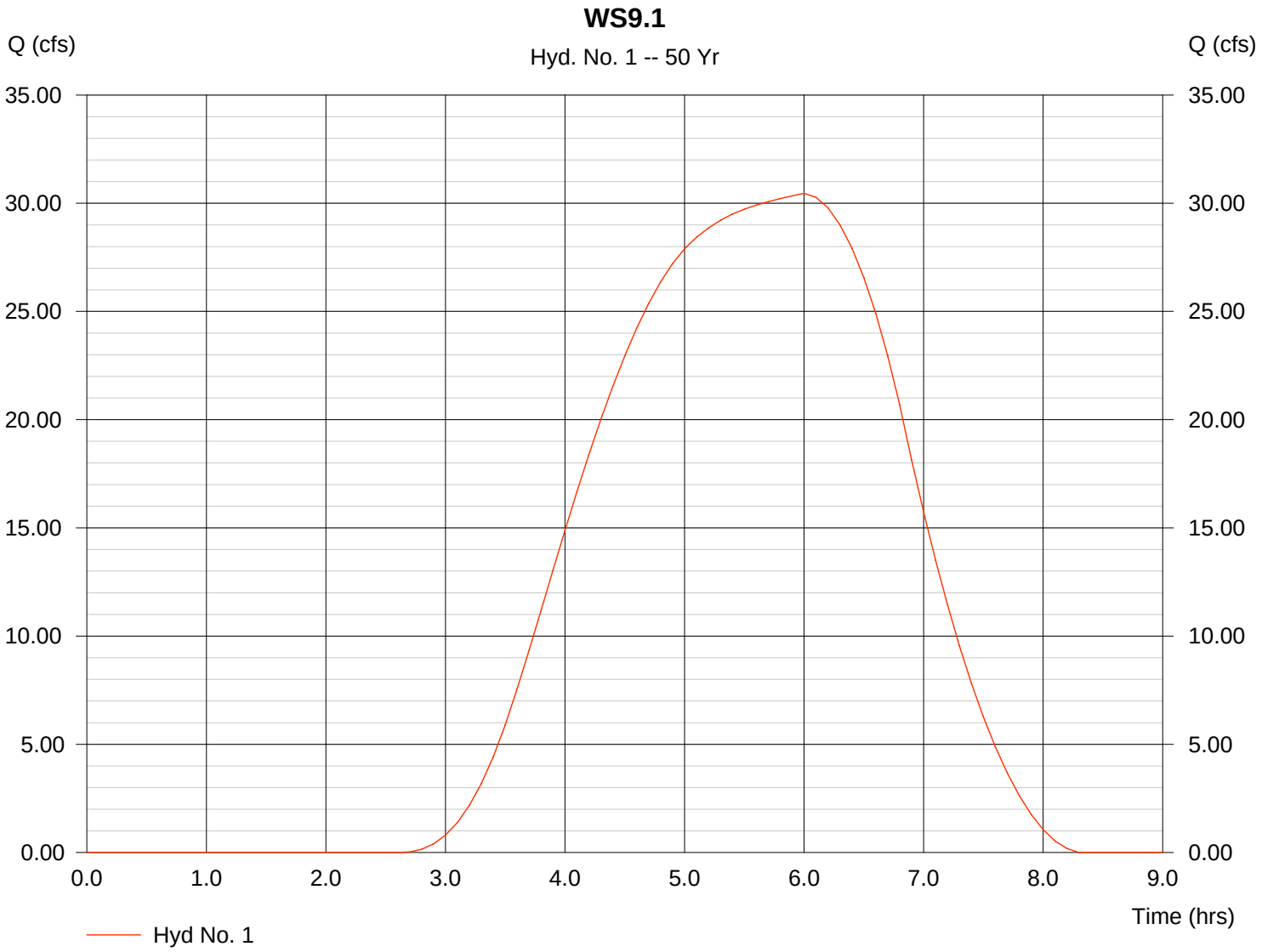
Wednesday, Nov 30 2005, 7:55 AM

Hyd. No. 1

WS9.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	30.46 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	1317.000 ac	Curve number	=	65
Basin Slope	=	20.0 %	Hydraulic length	=	13900 ft
Tc method	=	LAG	Time of conc. (Tc)	=	89.00 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 327,969 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

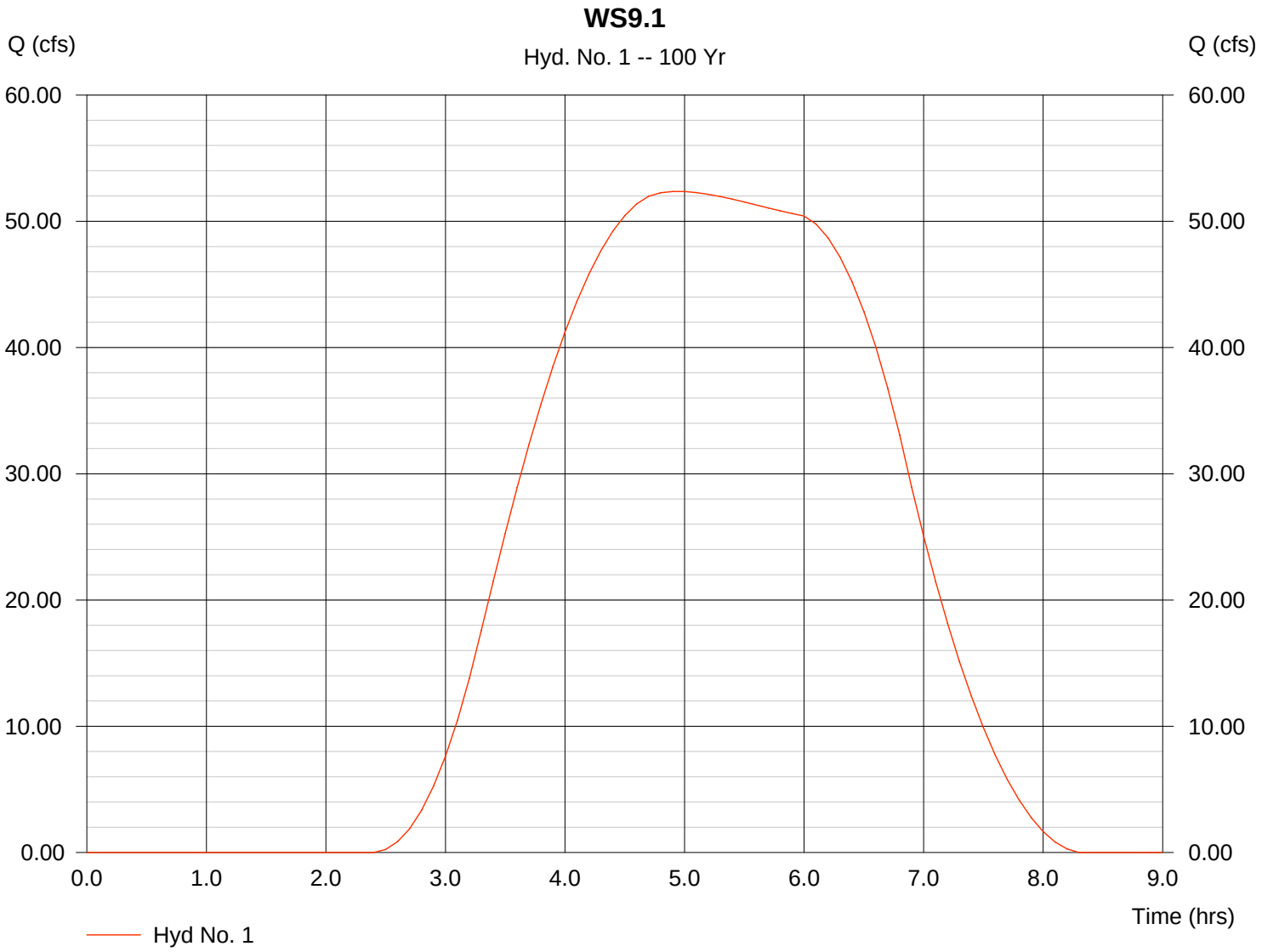
Wednesday, Nov 30 2005, 7:55 AM

Hyd. No. 1

WS9.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	52.36 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	1317.000 ac	Curve number	=	65
Basin Slope	=	20.0 %	Hydraulic length	=	13900 ft
Tc method	=	LAG	Time of conc. (Tc)	=	89.00 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 645,544 cuft



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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

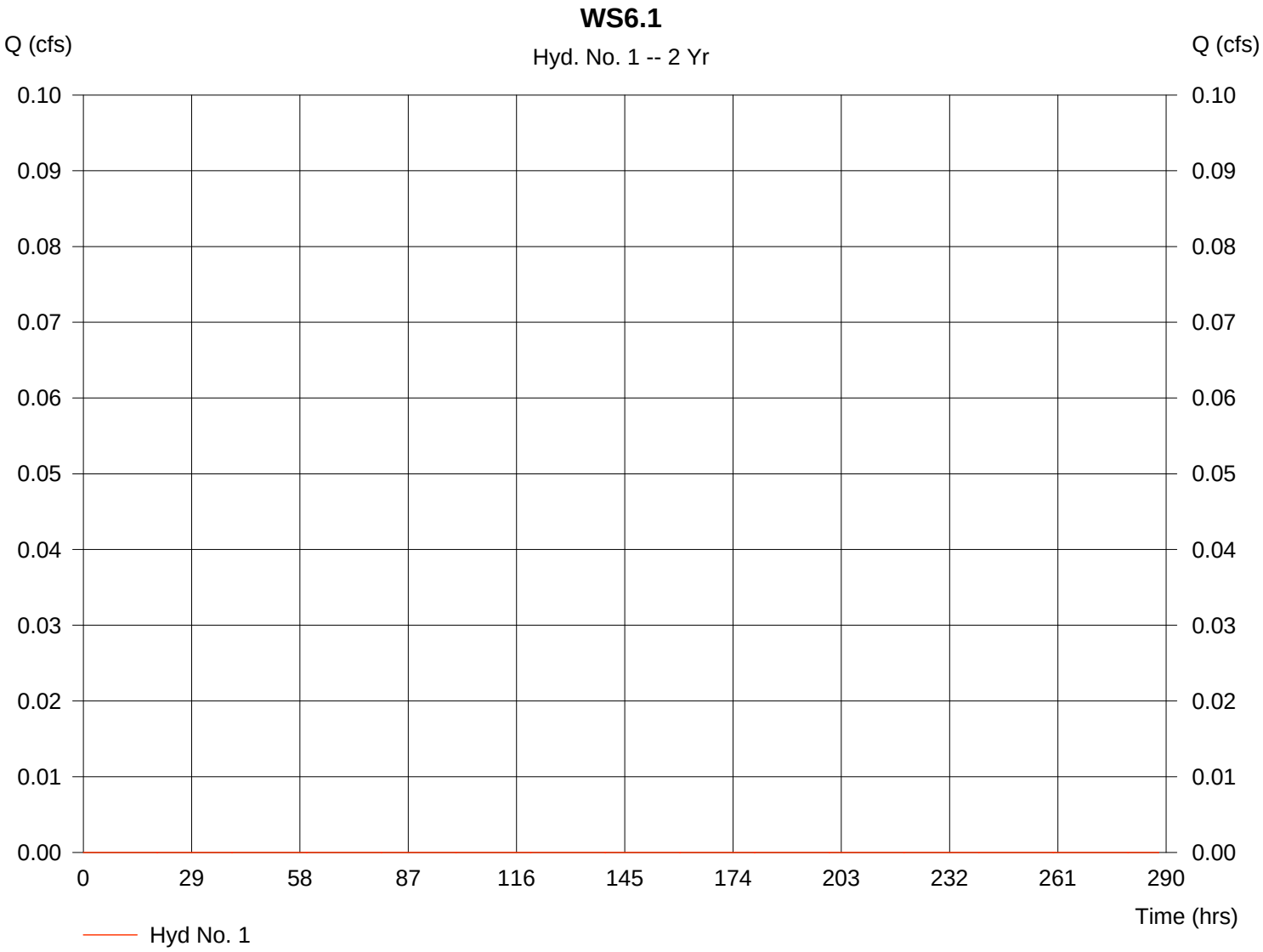
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 1

WS6.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 499.000 ac	Curve number	= 65
Basin Slope	= 20.8 %	Hydraulic length	= 7930 ft
Tc method	= LAG	Time of conc. (Tc)	= 55.70 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

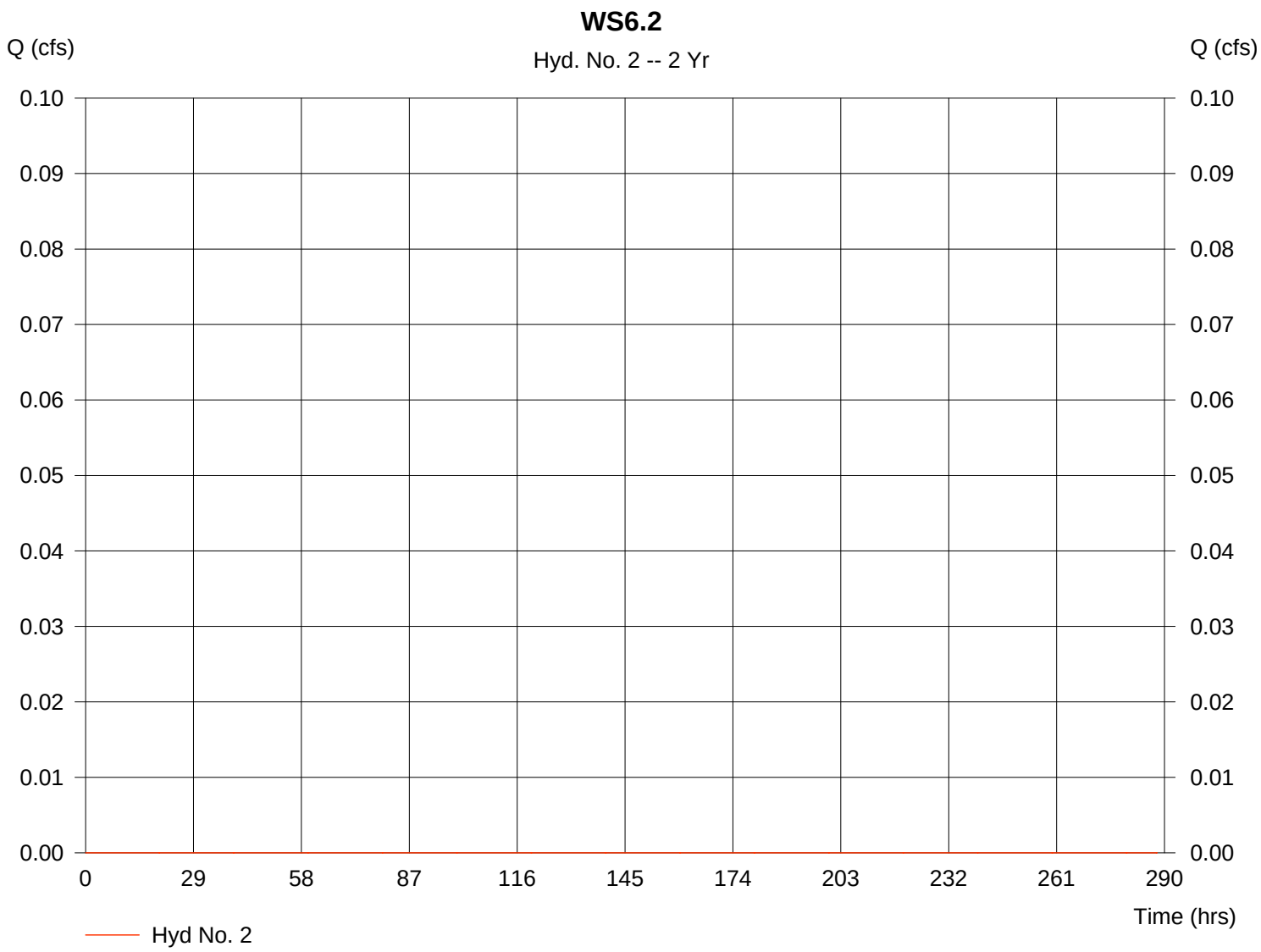
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 2

WS6.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 285.000 ac	Curve number	= 65
Basin Slope	= 19.3 %	Hydraulic length	= 6790 ft
Tc method	= LAG	Time of conc. (Tc)	= 51.10 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

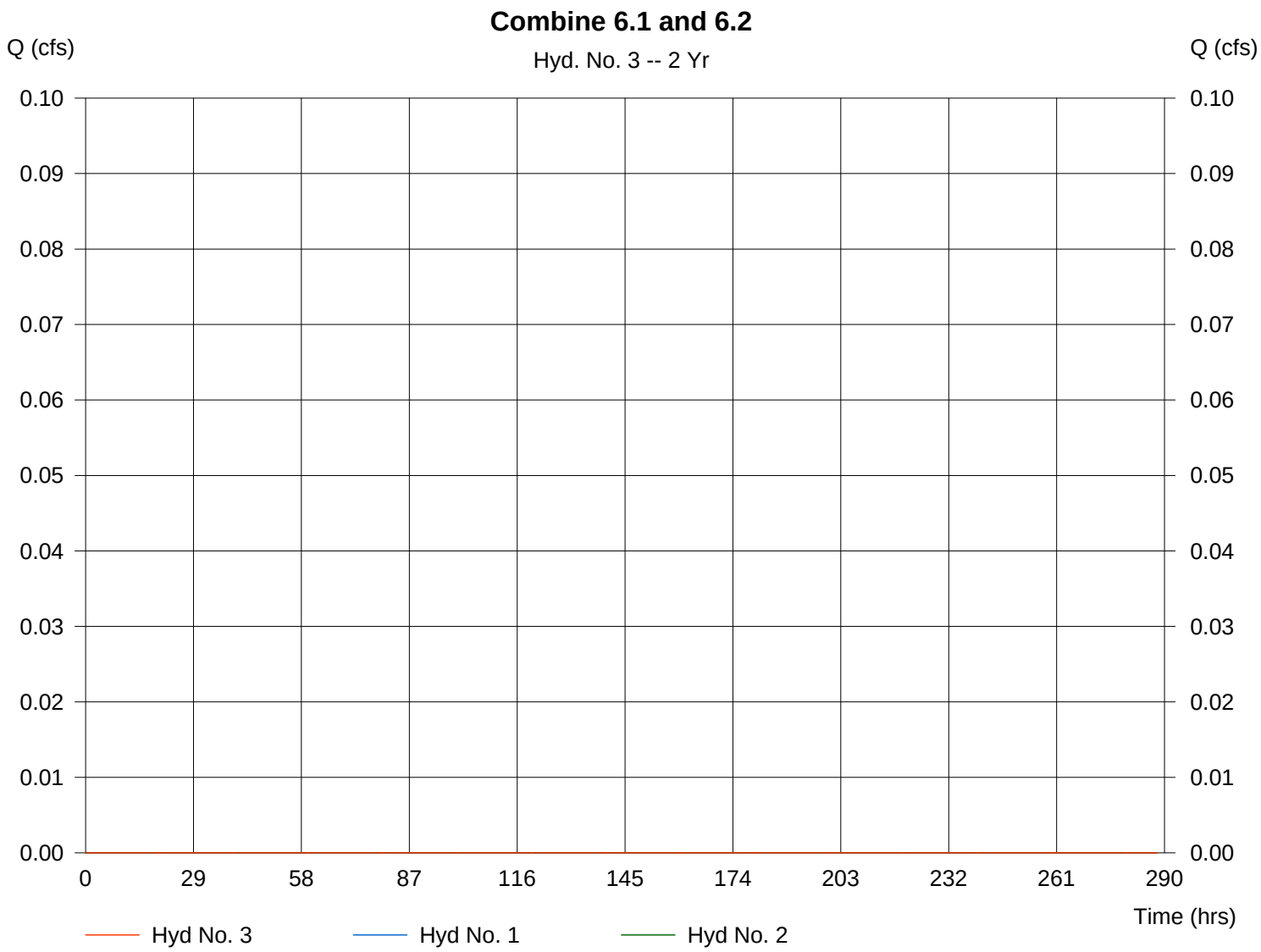
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 3

Combine 6.1 and 6.2

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyds.	=	1, 2			

Hydrograph Volume = 0 cuft



Hydrograph Plot

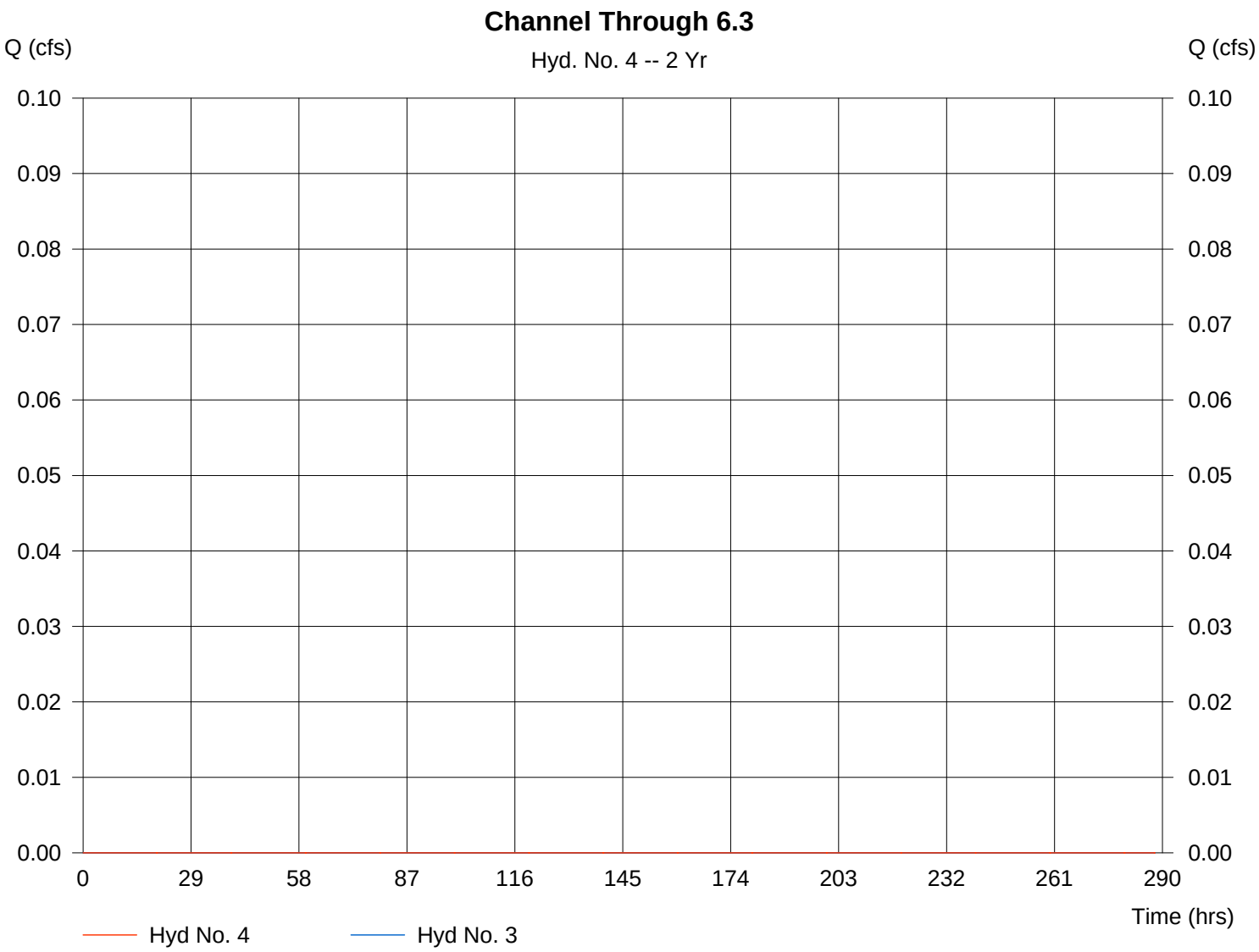
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 4

Channel Through 6.3

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyd. No.	=	3	Section type	=	Trapezoidal
Reach length	=	2170.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.528	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.3863

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

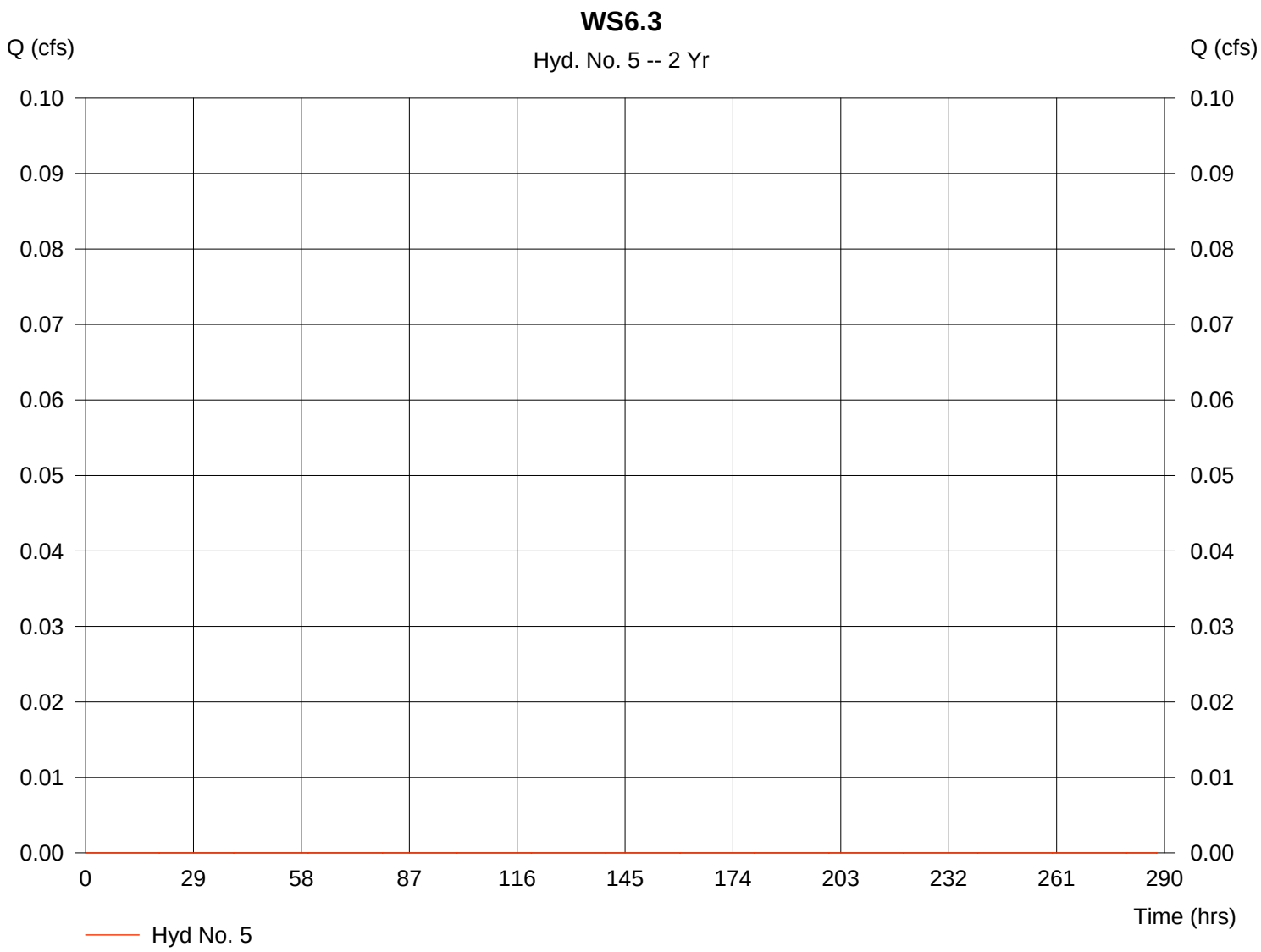
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 5

WS6.3

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 94.000 ac	Curve number	= 65
Basin Slope	= 4.2 %	Hydraulic length	= 2170 ft
Tc method	= LAG	Time of conc. (Tc)	= 44.20 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

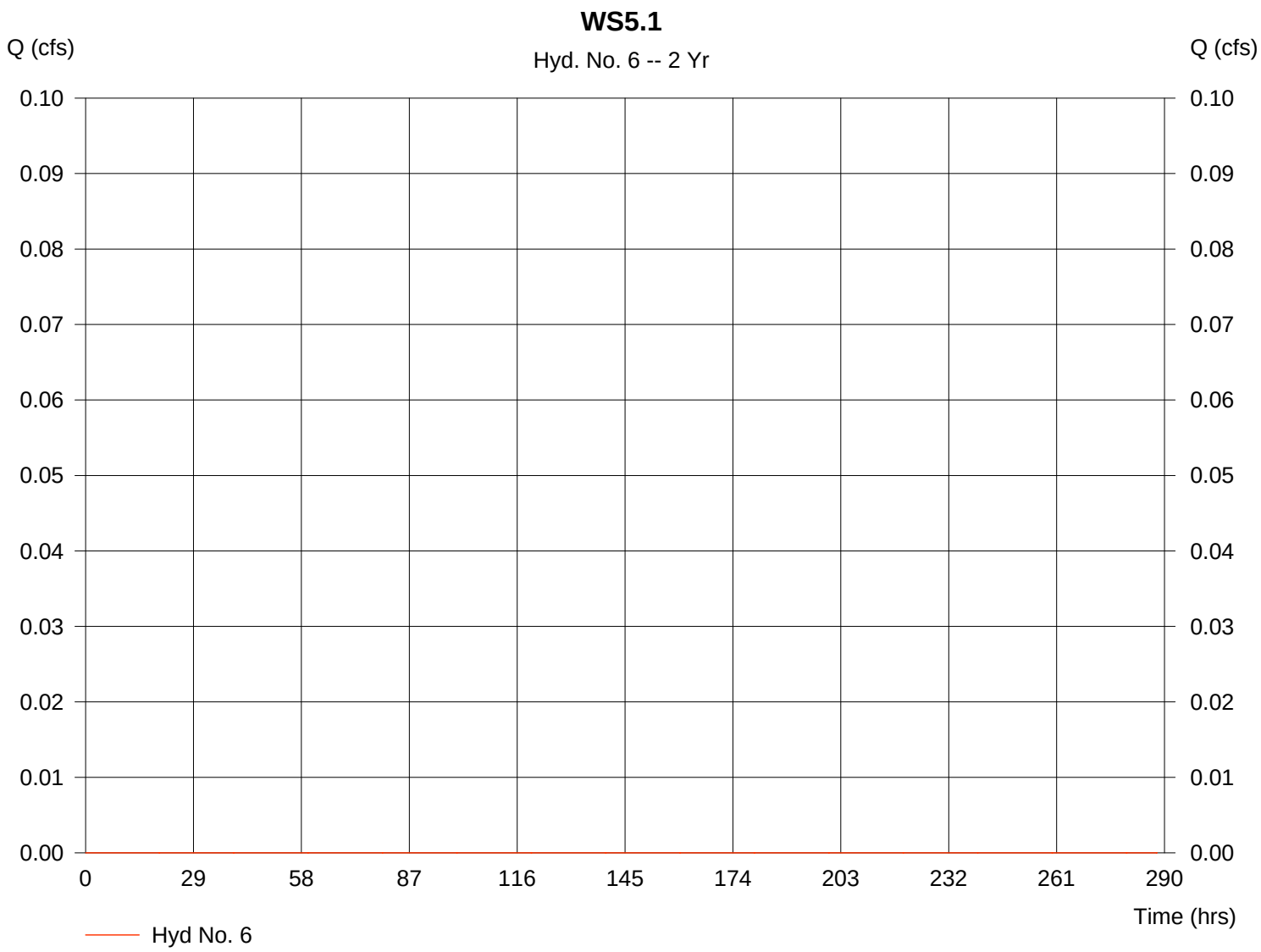
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 6

WS5.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 77.000 ac	Curve number	= 65
Basin Slope	= 44.8 %	Hydraulic length	= 2230 ft
Tc method	= LAG	Time of conc. (Tc)	= 13.70 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

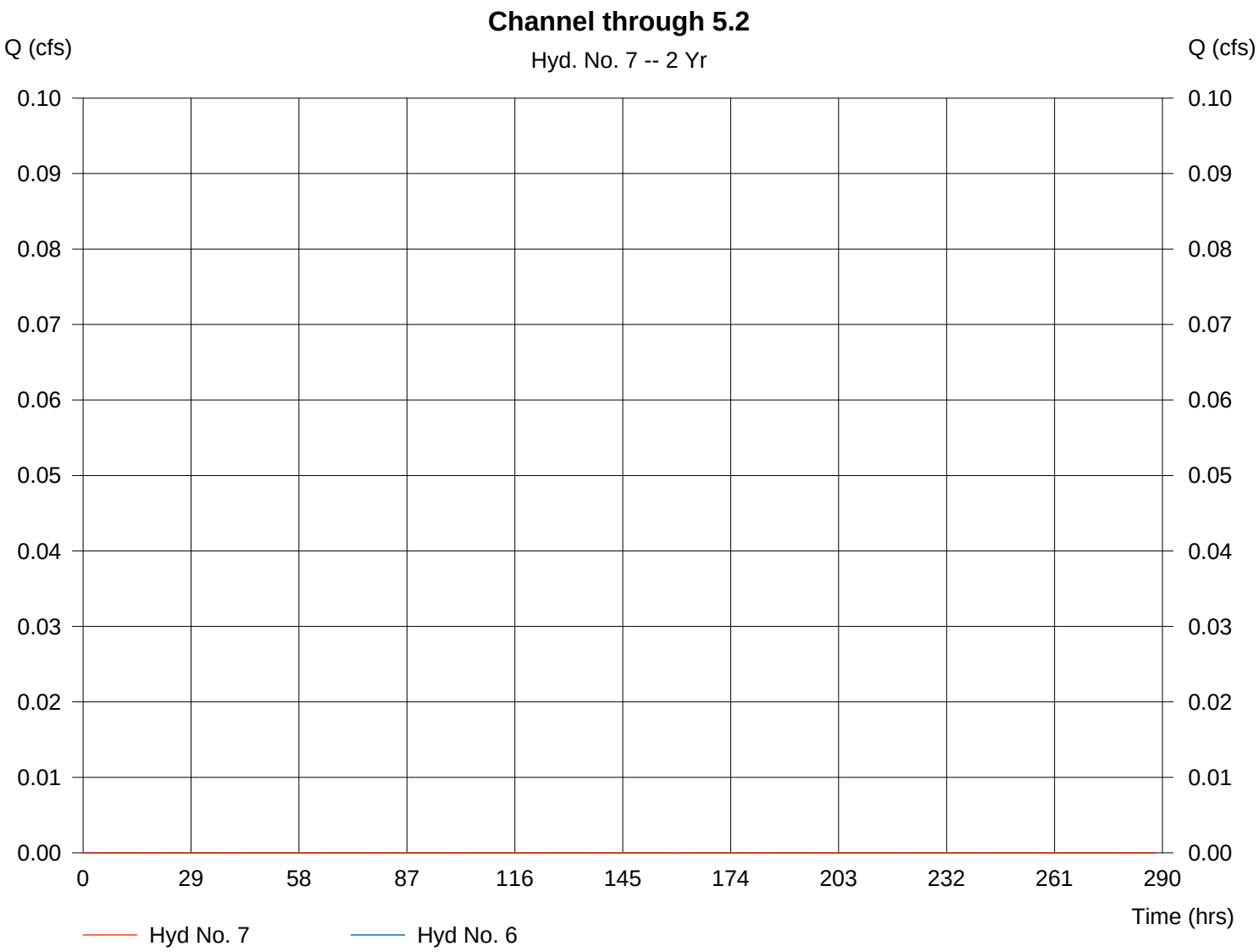
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 7

Channel through 5.2

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyd. No.	=	6	Section type	=	Trapezoidal
Reach length	=	4550.0 ft	Channel slope	=	13.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	4.506	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.1549

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

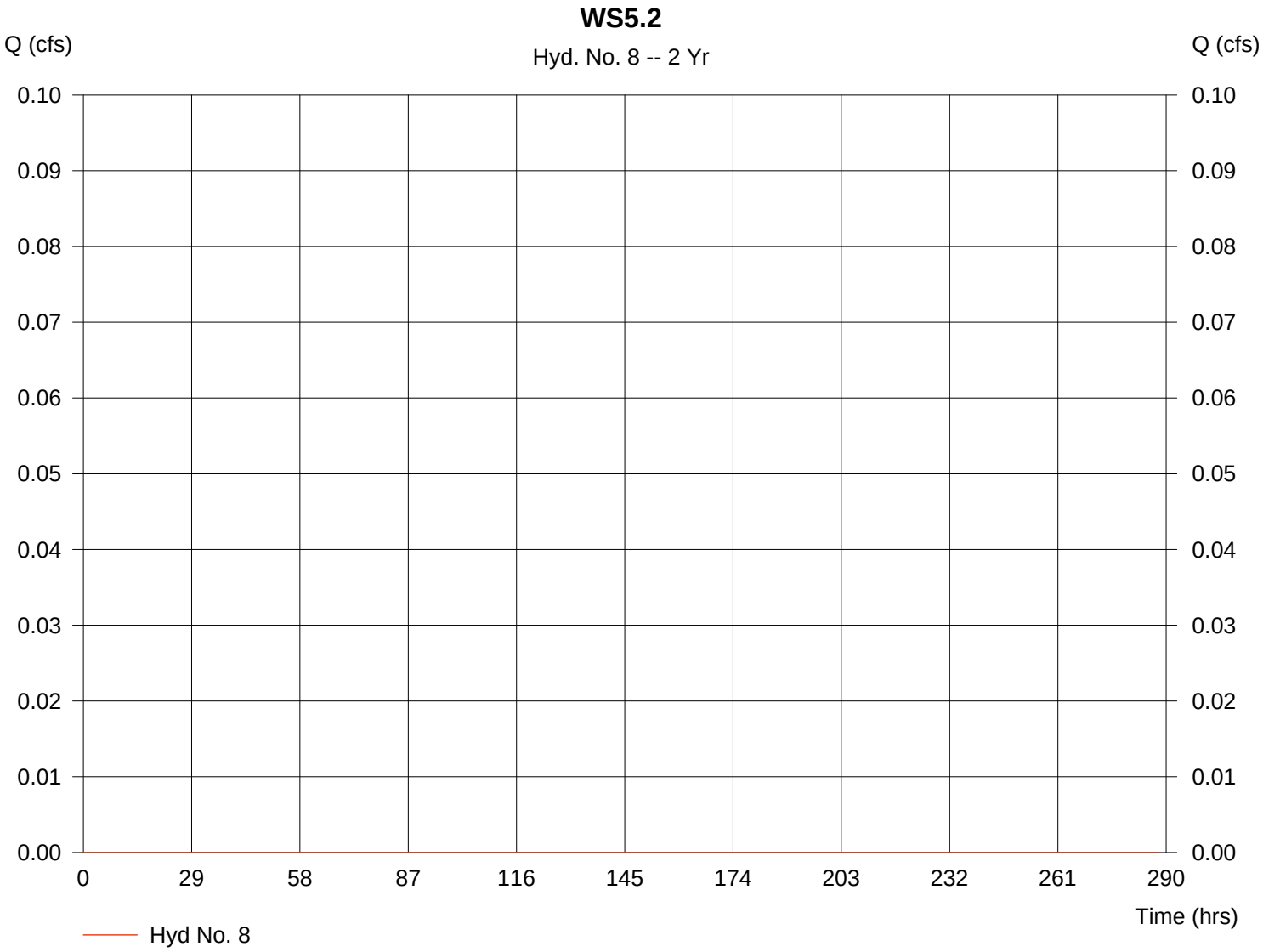
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 8

WS5.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 213.000 ac	Curve number	= 65
Basin Slope	= 13.2 %	Hydraulic length	= 4550 ft
Tc method	= LAG	Time of conc. (Tc)	= 44.80 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

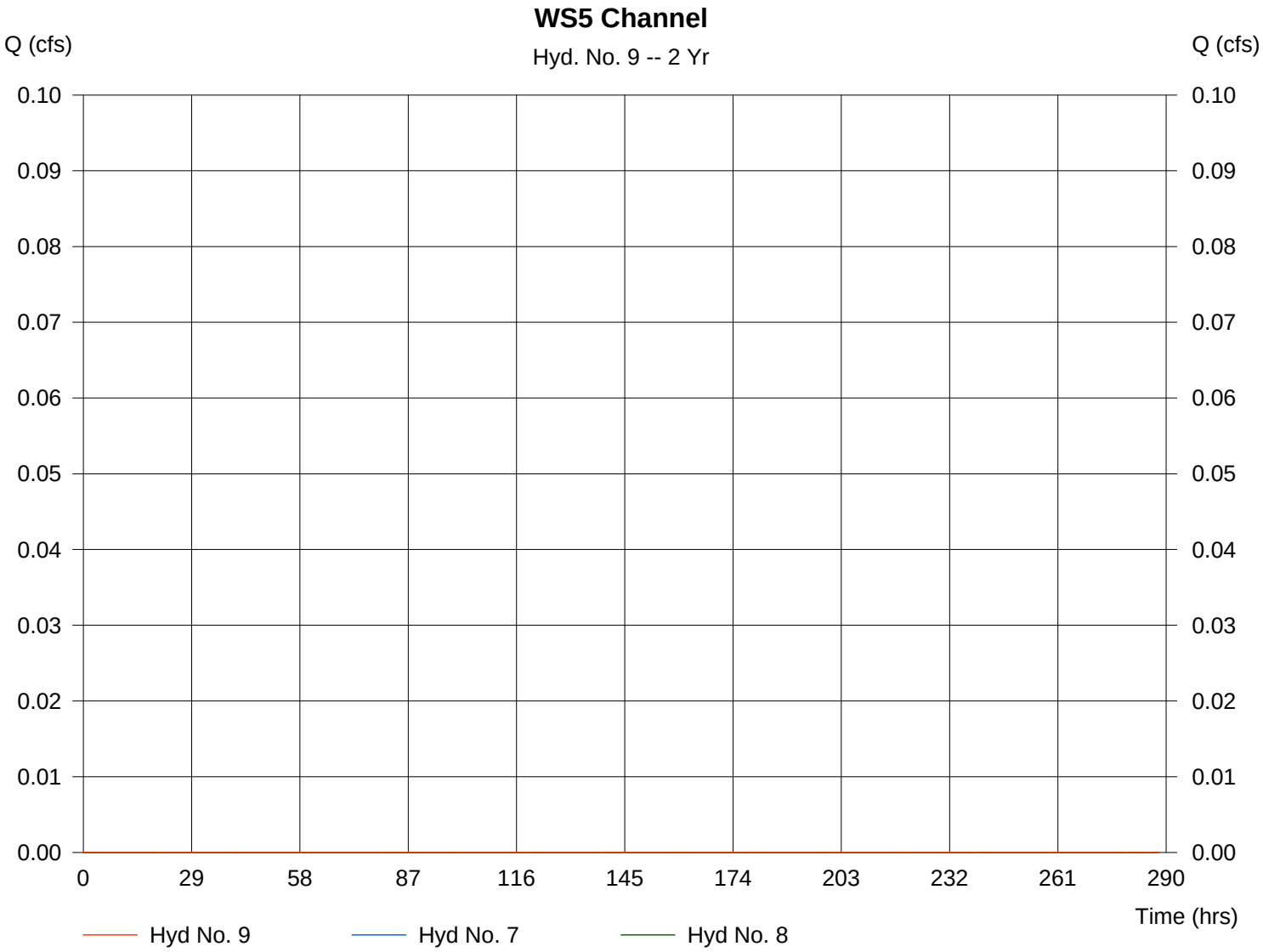
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 9

WS5 Channel

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Inflow hyds.	= 7, 8		

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

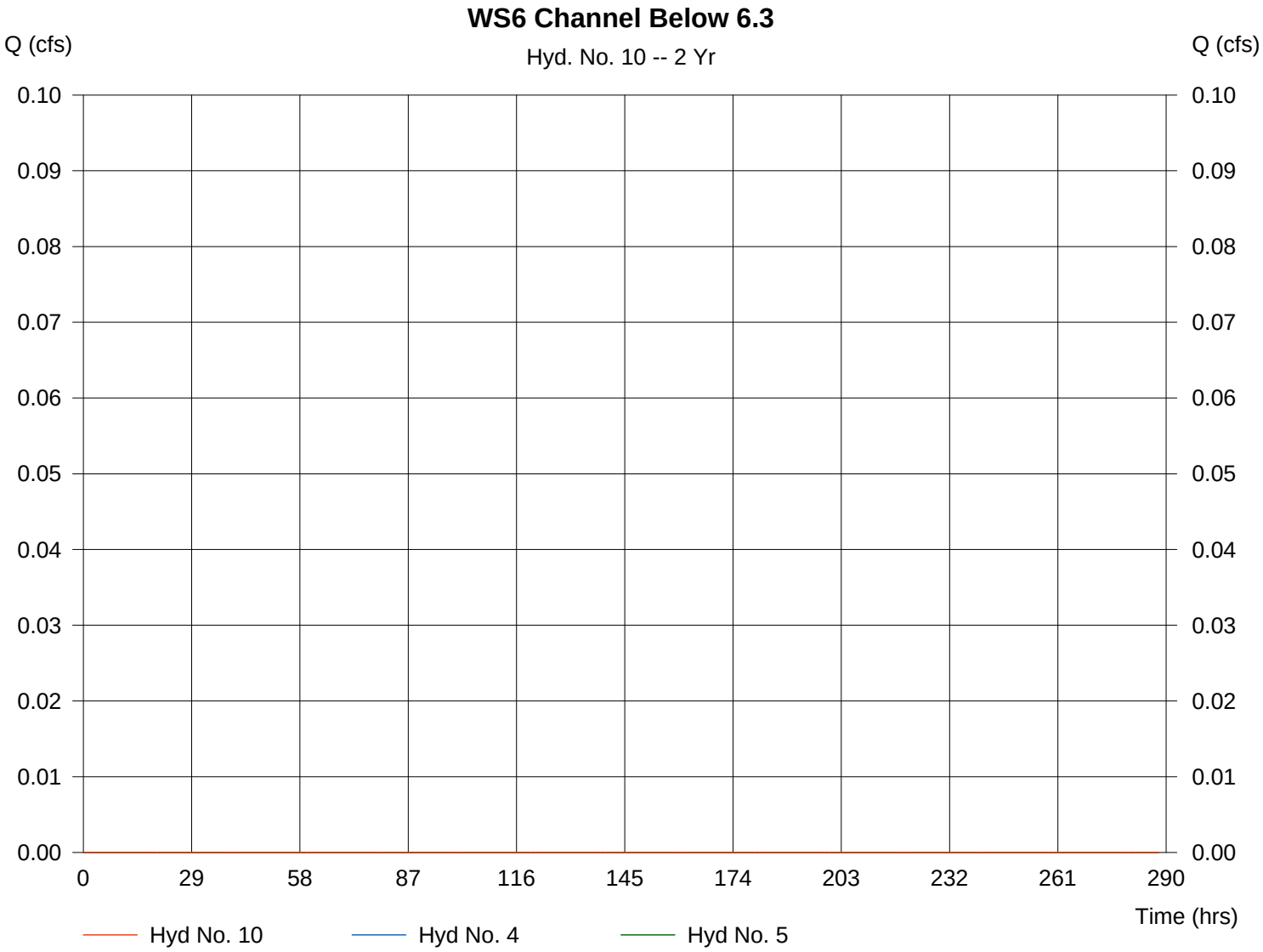
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 10

WS6 Channel Below 6.3

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Inflow hyds.	= 4, 5		

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

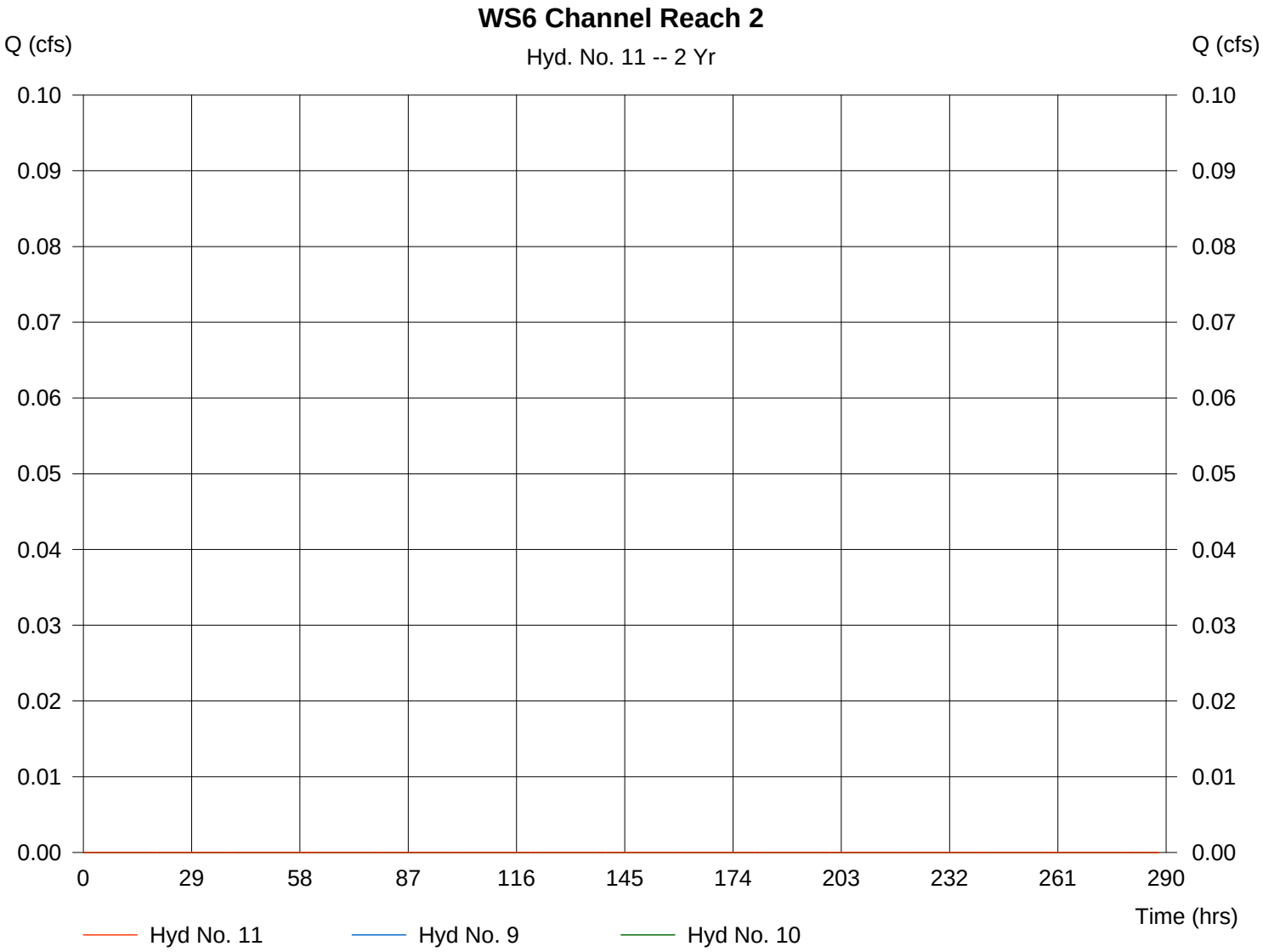
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 11

WS6 Channel Reach 2

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Inflow hyds.	= 9, 10		

Hydrograph Volume = 0 cuft



Hydrograph Plot

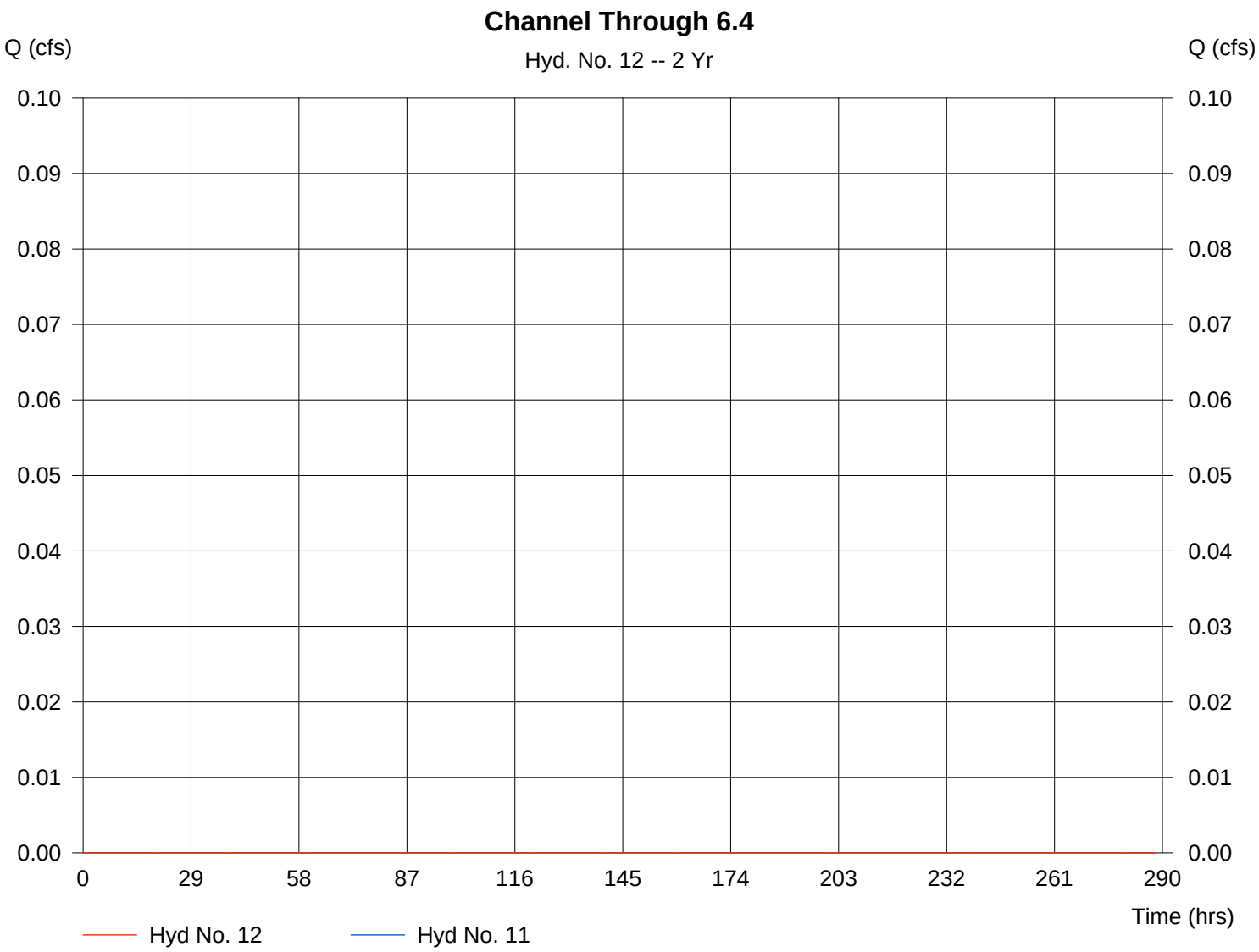
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 12

Channel Through 6.4

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyd. No.	=	11	Section type	=	Trapezoidal
Reach length	=	2370.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.549	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.3967

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

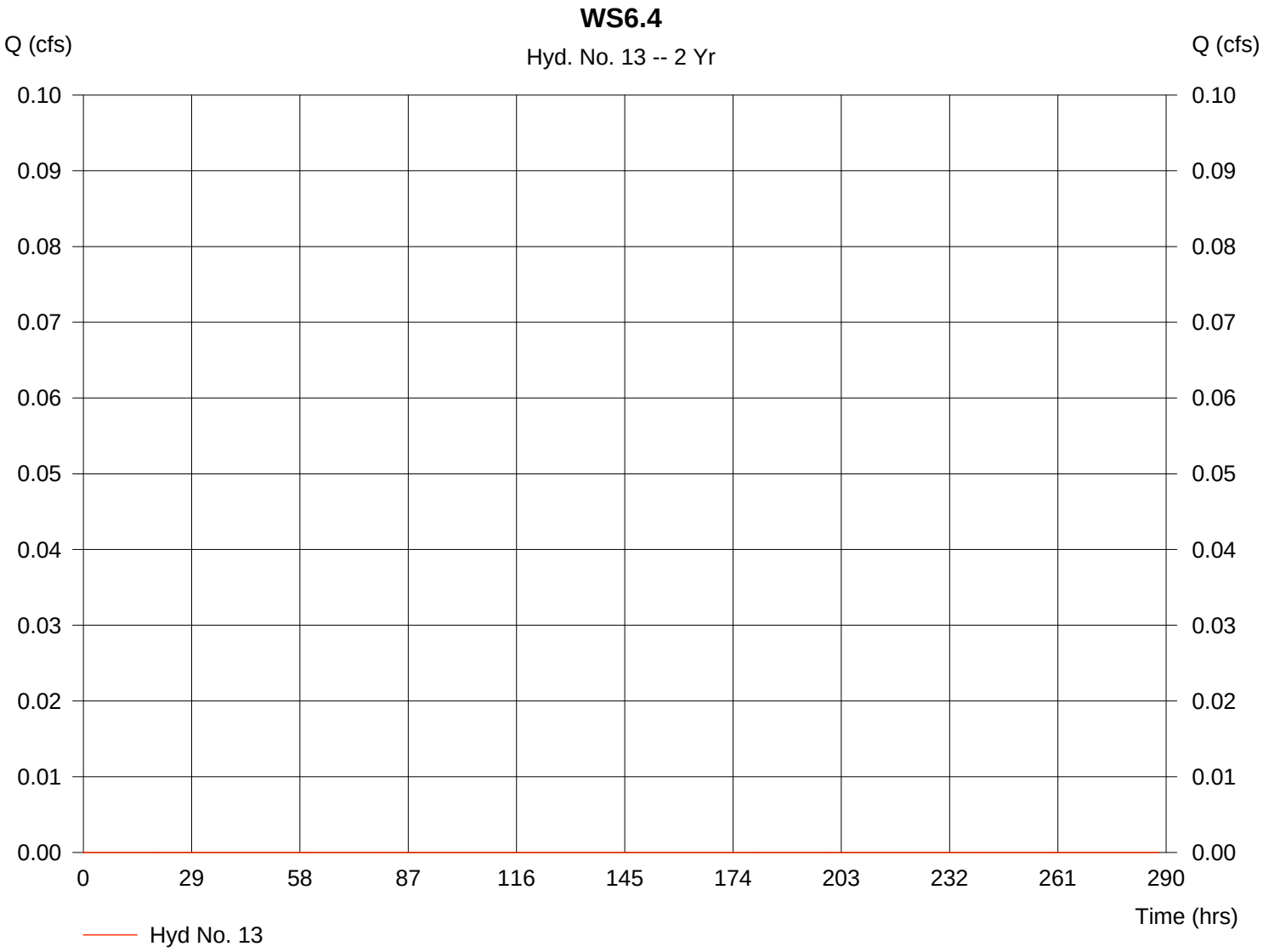
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 13

WS6.4

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 67.000 ac	Curve number	= 65
Basin Slope	= 4.2 %	Hydraulic length	= 2370 ft
Tc method	= LAG	Time of conc. (Tc)	= 47.00 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

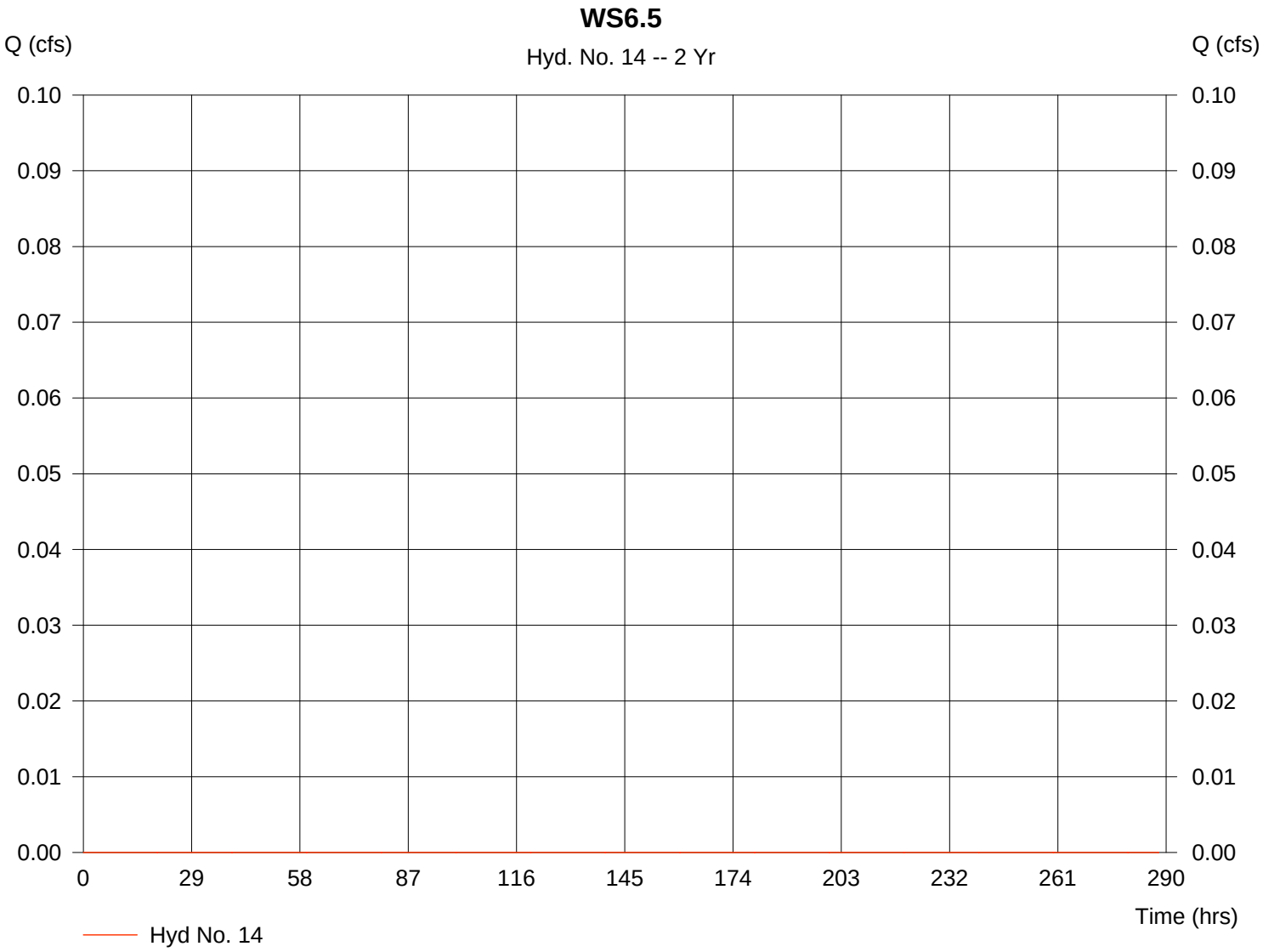
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 14

WS6.5

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 276.000 ac	Curve number	= 65
Basin Slope	= 17.5 %	Hydraulic length	= 6770 ft
Tc method	= LAG	Time of conc. (Tc)	= 53.50 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

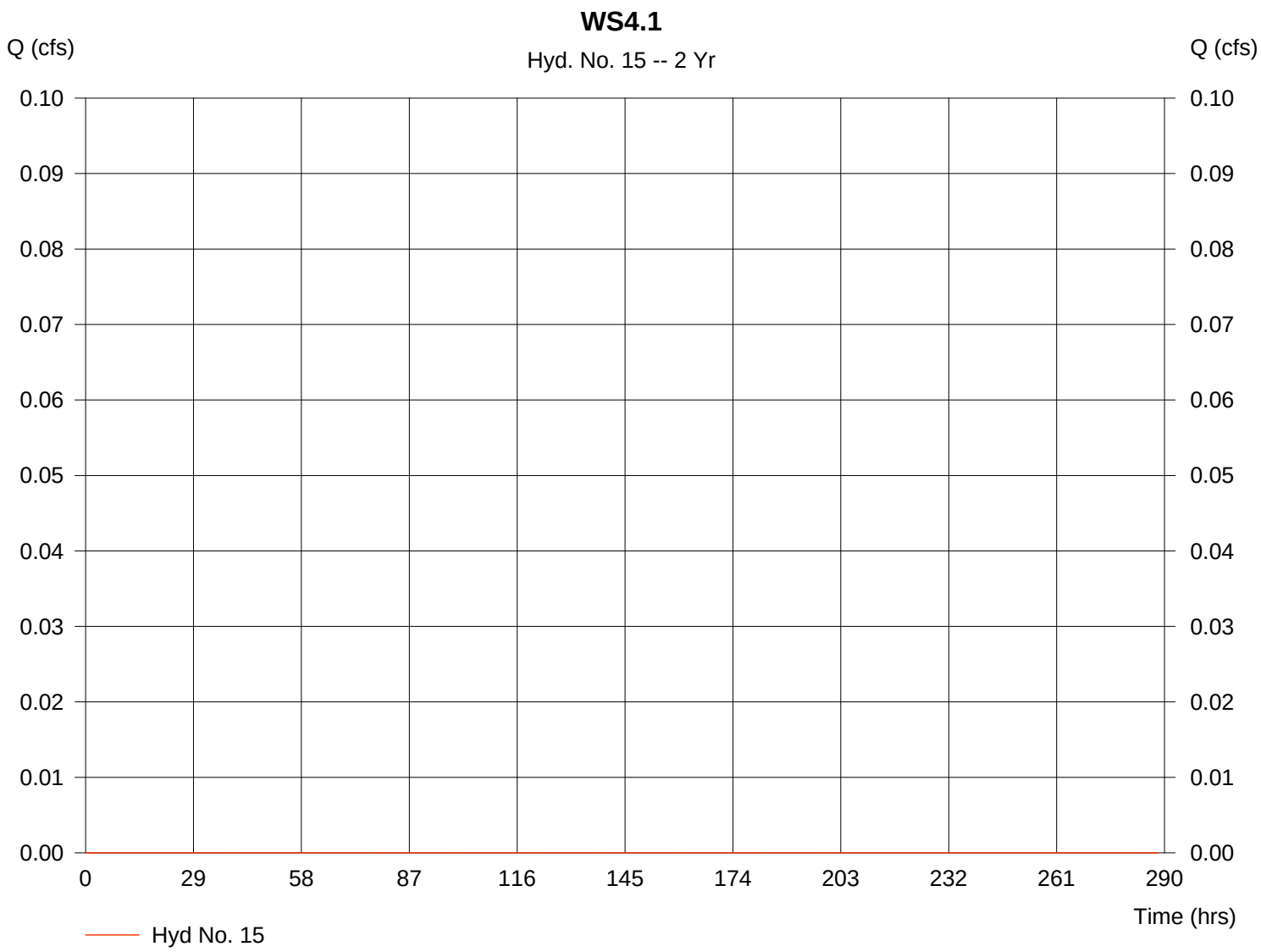
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 15

WS4.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 189.000 ac	Curve number	= 65
Basin Slope	= 31.3 %	Hydraulic length	= 3850 ft
Tc method	= LAG	Time of conc. (Tc)	= 25.40 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

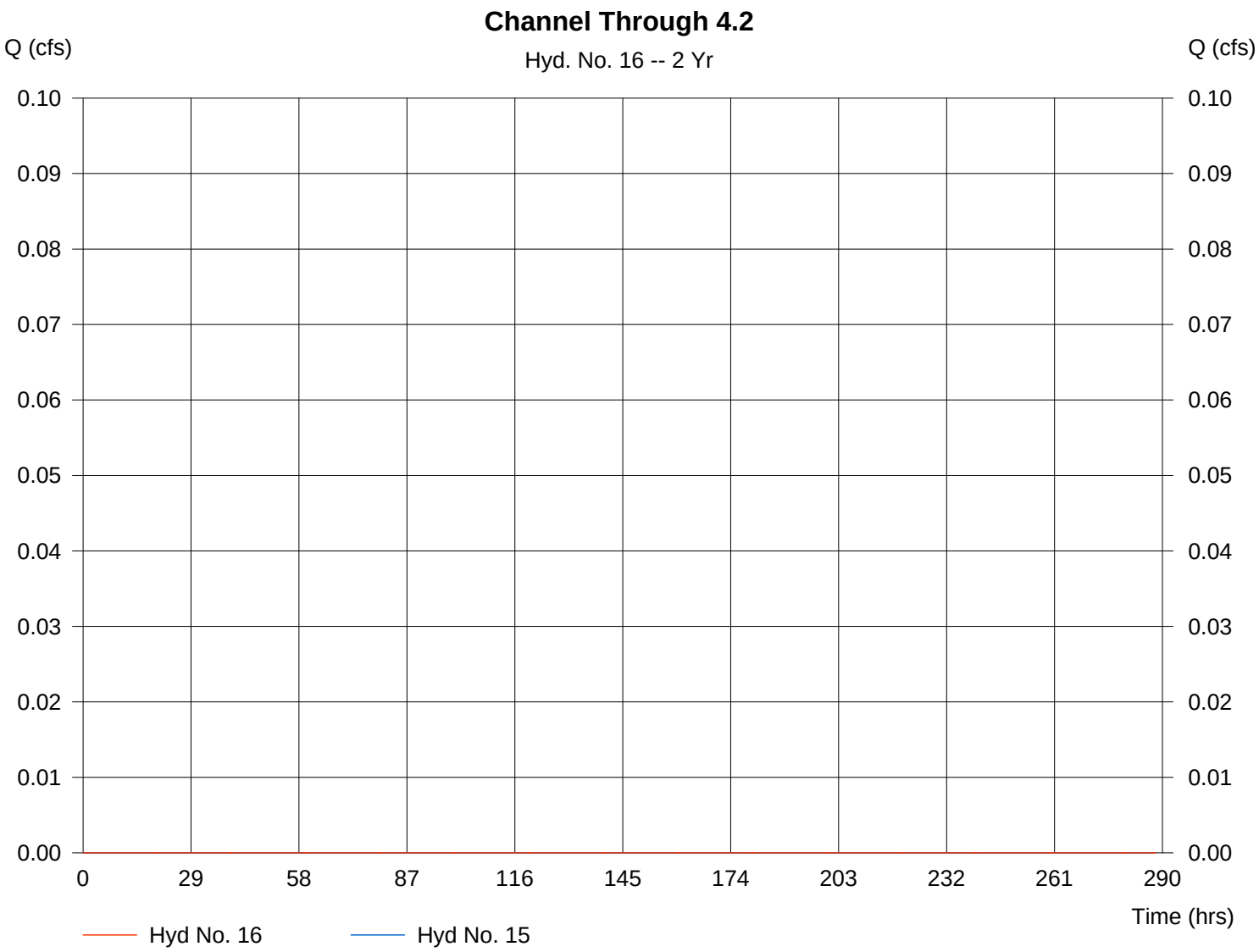
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 16

Channel Through 4.2

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyd. No.	=	15	Section type	=	Trapezoidal
Reach length	=	5010.0 ft	Channel slope	=	10.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	3.998	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.1710

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

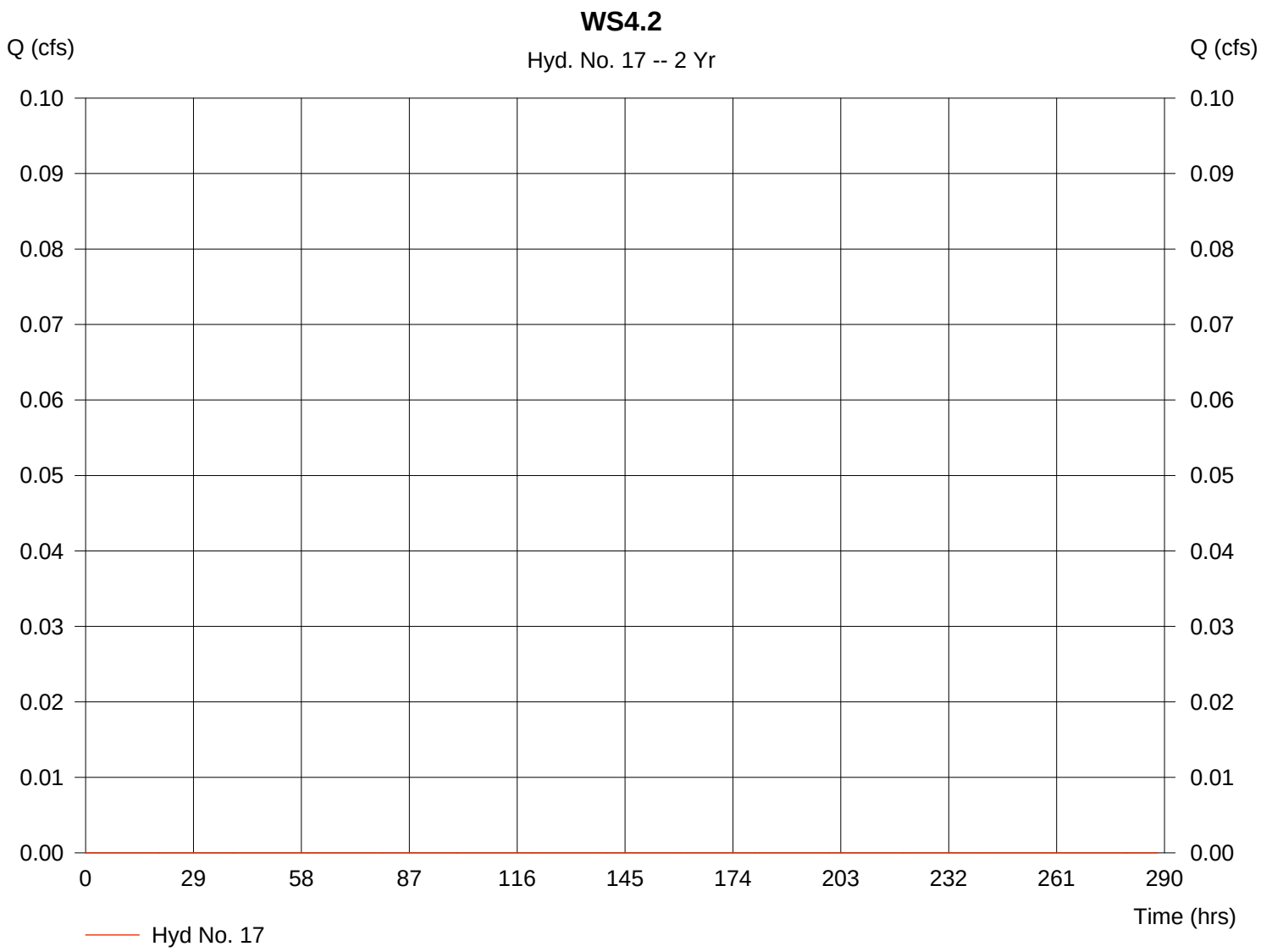
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 17

WS4.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 232.000 ac	Curve number	= 65
Basin Slope	= 10.4 %	Hydraulic length	= 5010 ft
Tc method	= LAG	Time of conc. (Tc)	= 54.60 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

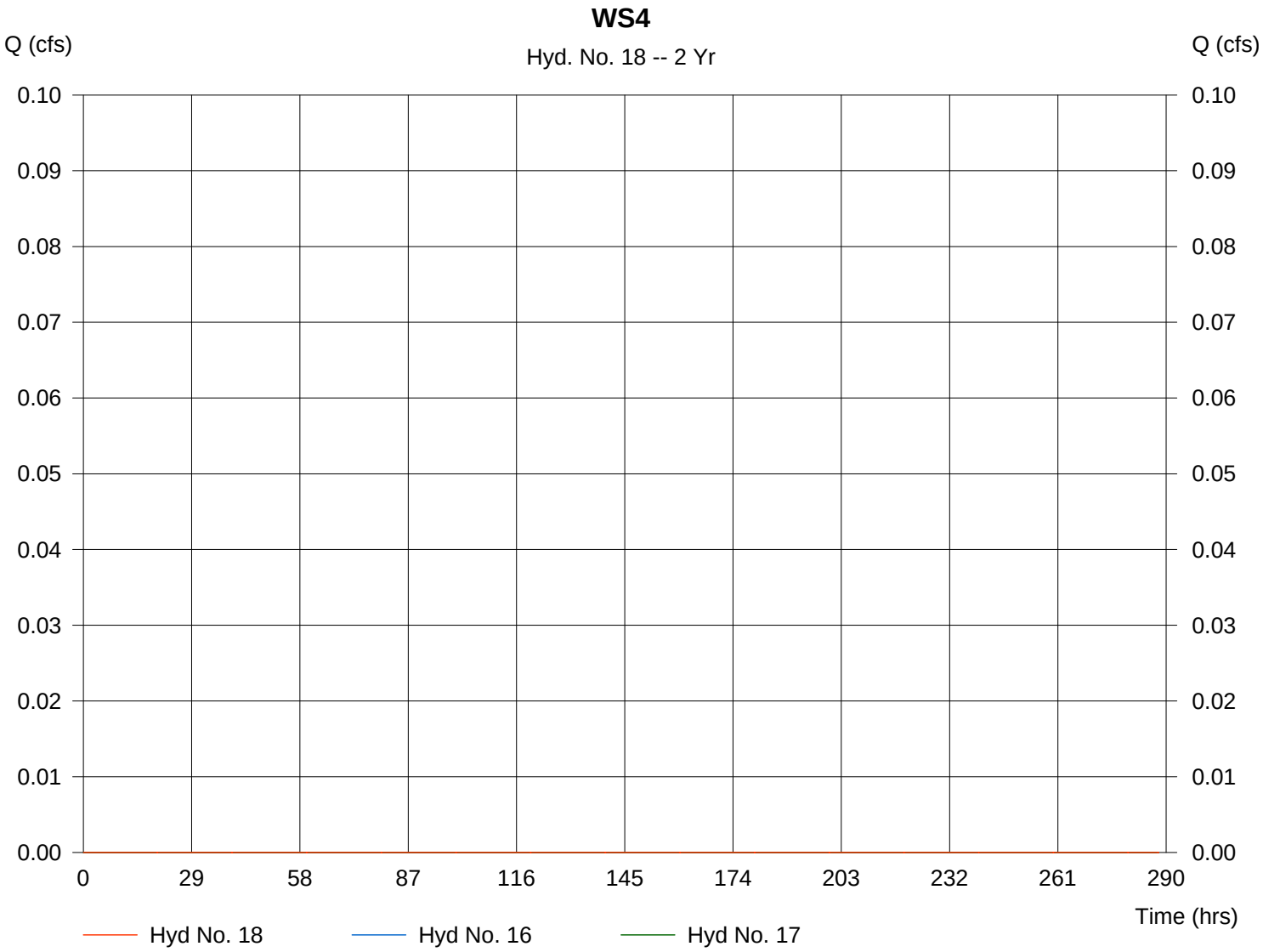
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 18

WS4

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Inflow hyds.	= 16, 17		

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

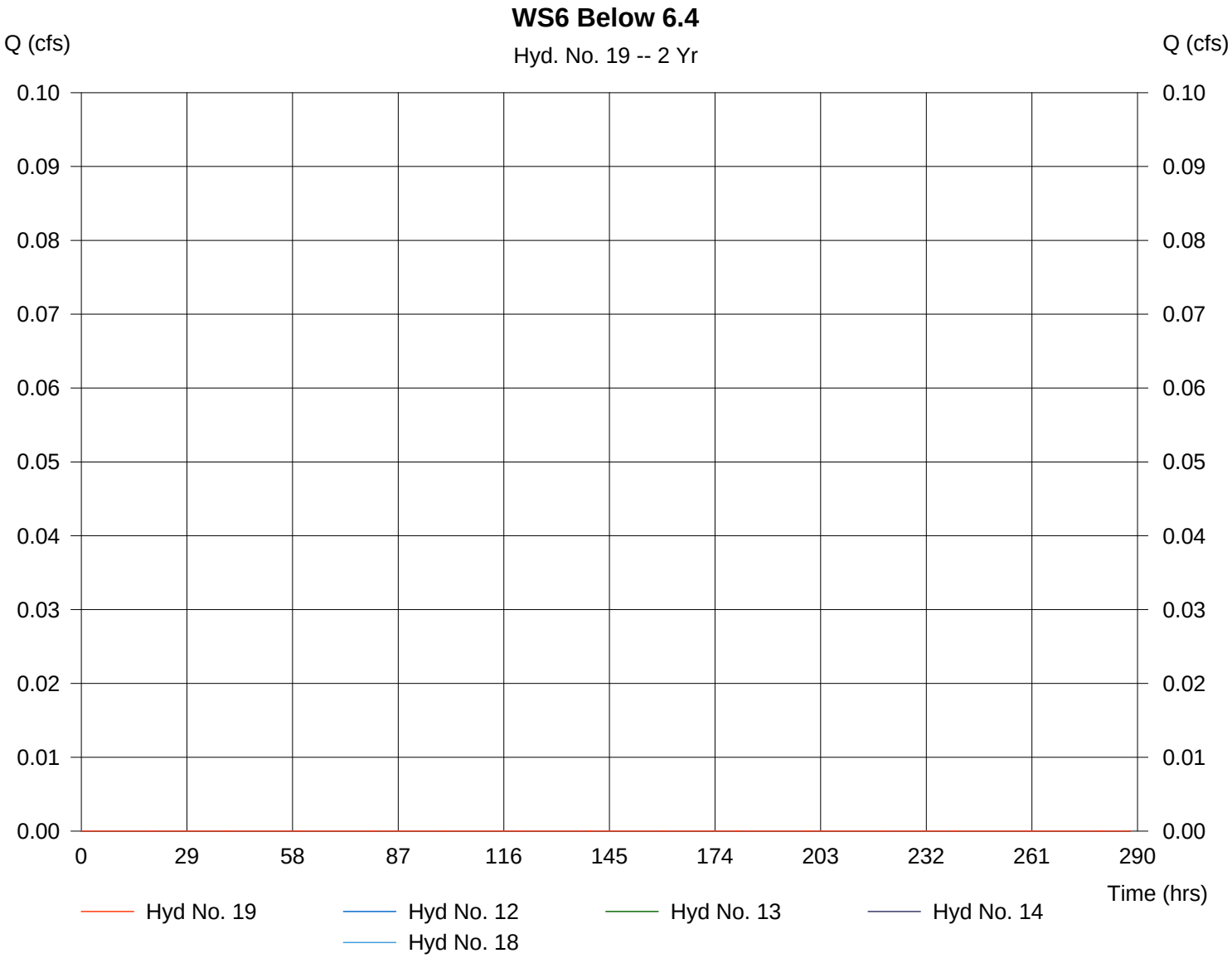
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 19

WS6 Below 6.4

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Inflow hyds.	= 12, 13, 14, 18		

Hydrograph Volume = 0 cuft



Hydrograph Plot

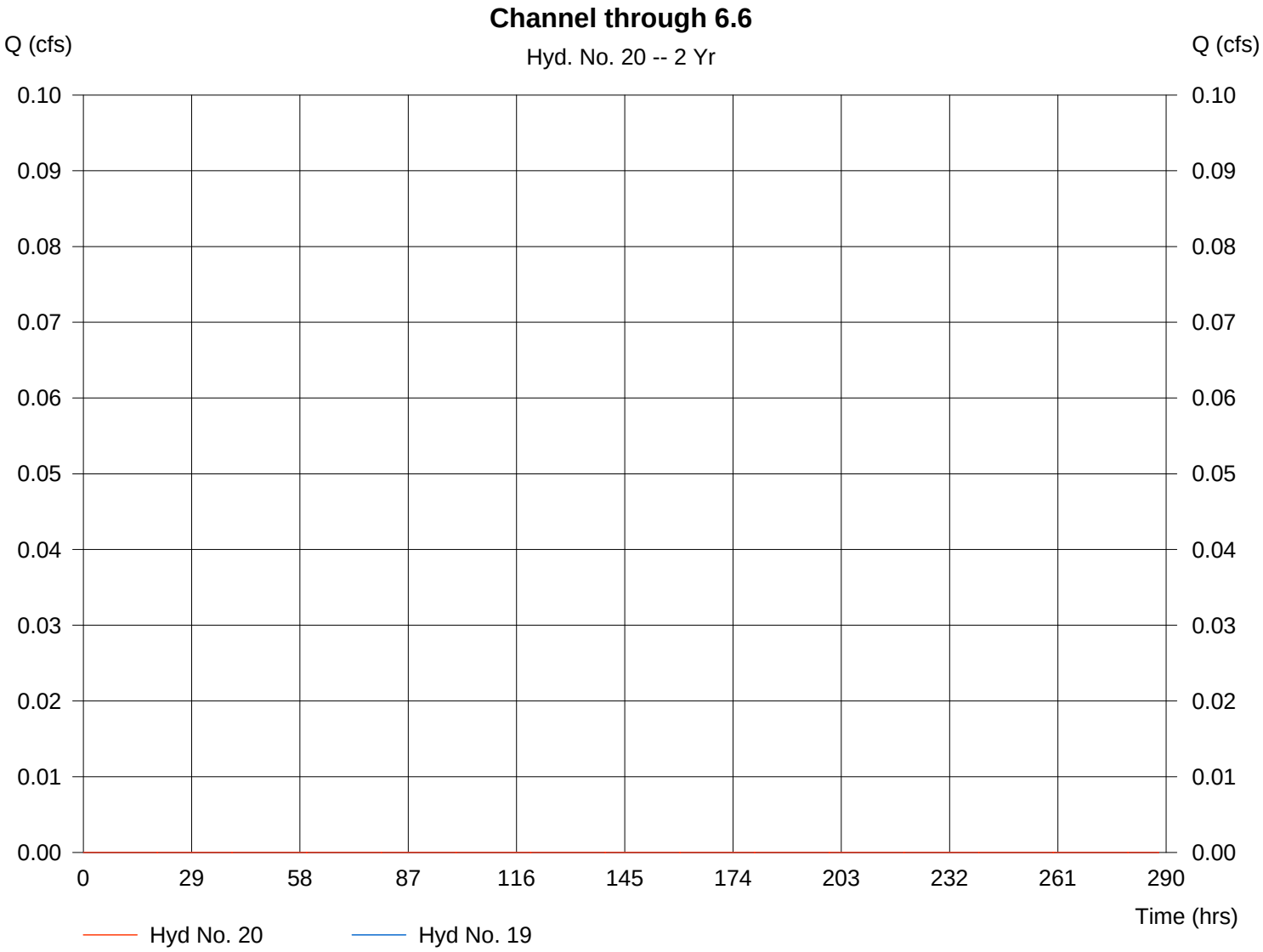
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 20

Channel through 6.6

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyd. No.	=	19	Section type	=	Trapezoidal
Reach length	=	5730.0 ft	Channel slope	=	3.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.261	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.1974

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

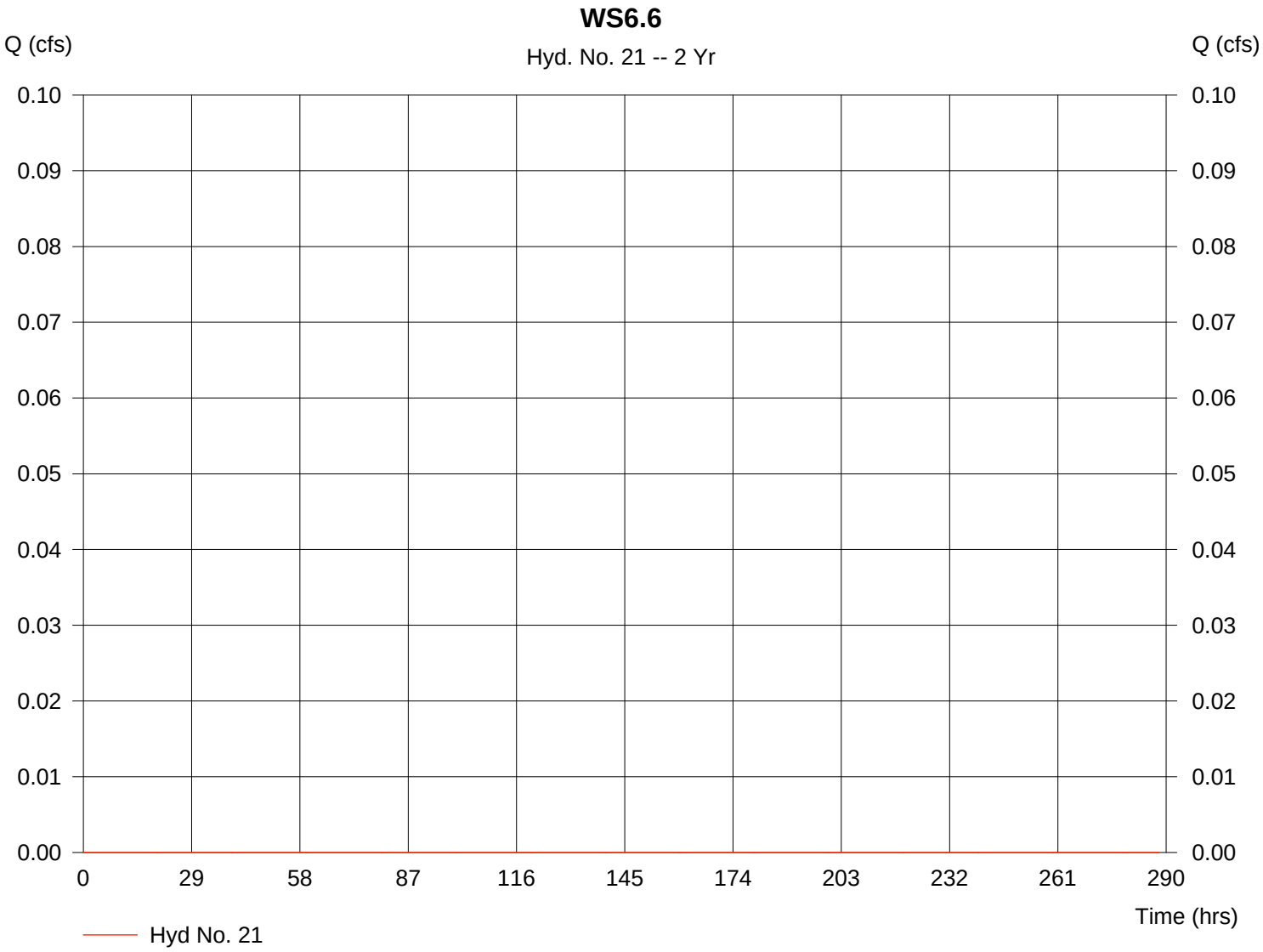
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 21

WS6.6

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 383.000 ac	Curve number	= 65
Basin Slope	= 3.3 %	Hydraulic length	= 5730 ft
Tc method	= LAG	Time of conc. (Tc)	= 107.50 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

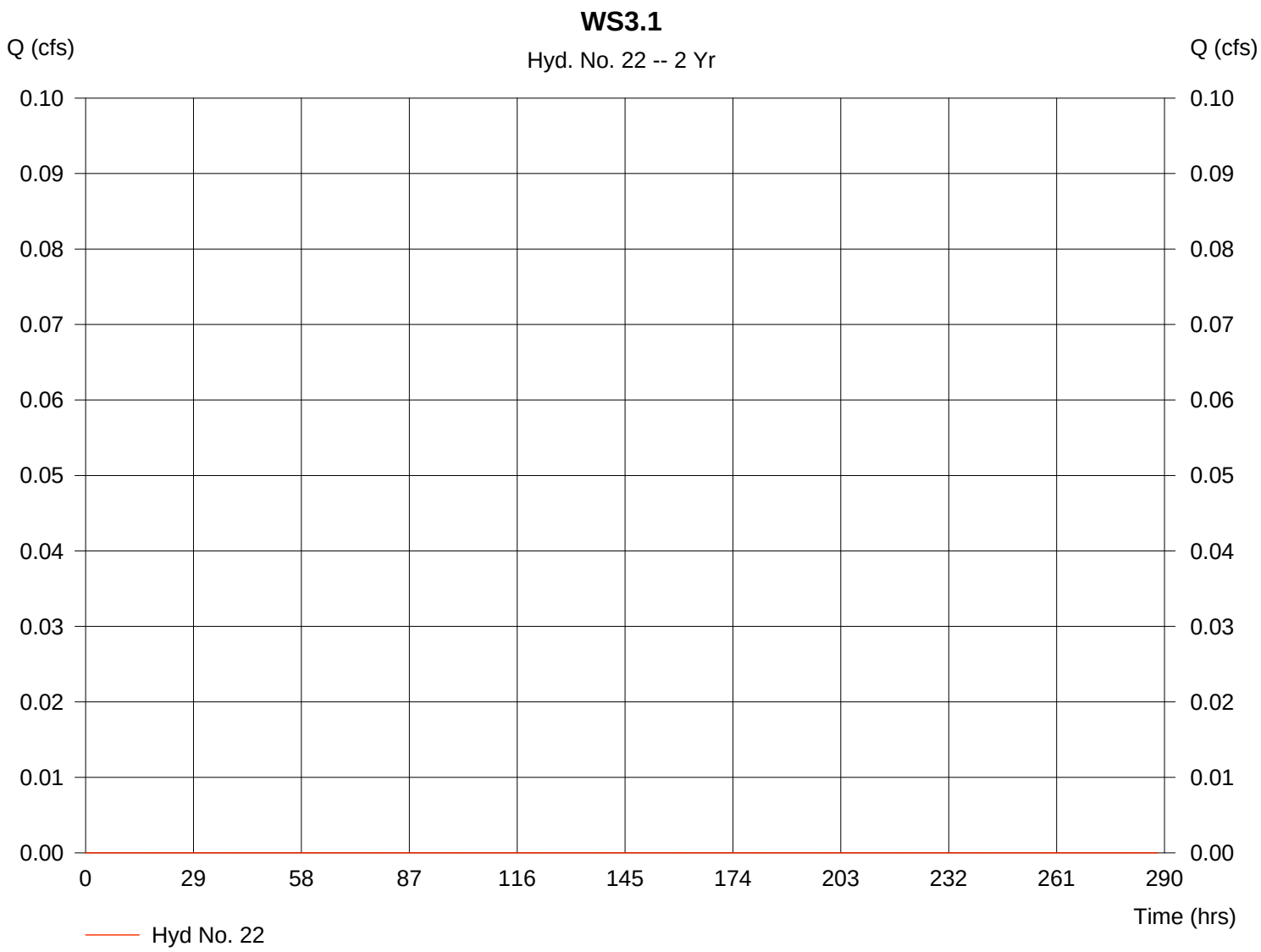
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 22

WS3.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 687.000 ac	Curve number	= 65
Basin Slope	= 24.2 %	Hydraulic length	= 7090 ft
Tc method	= LAG	Time of conc. (Tc)	= 47.20 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

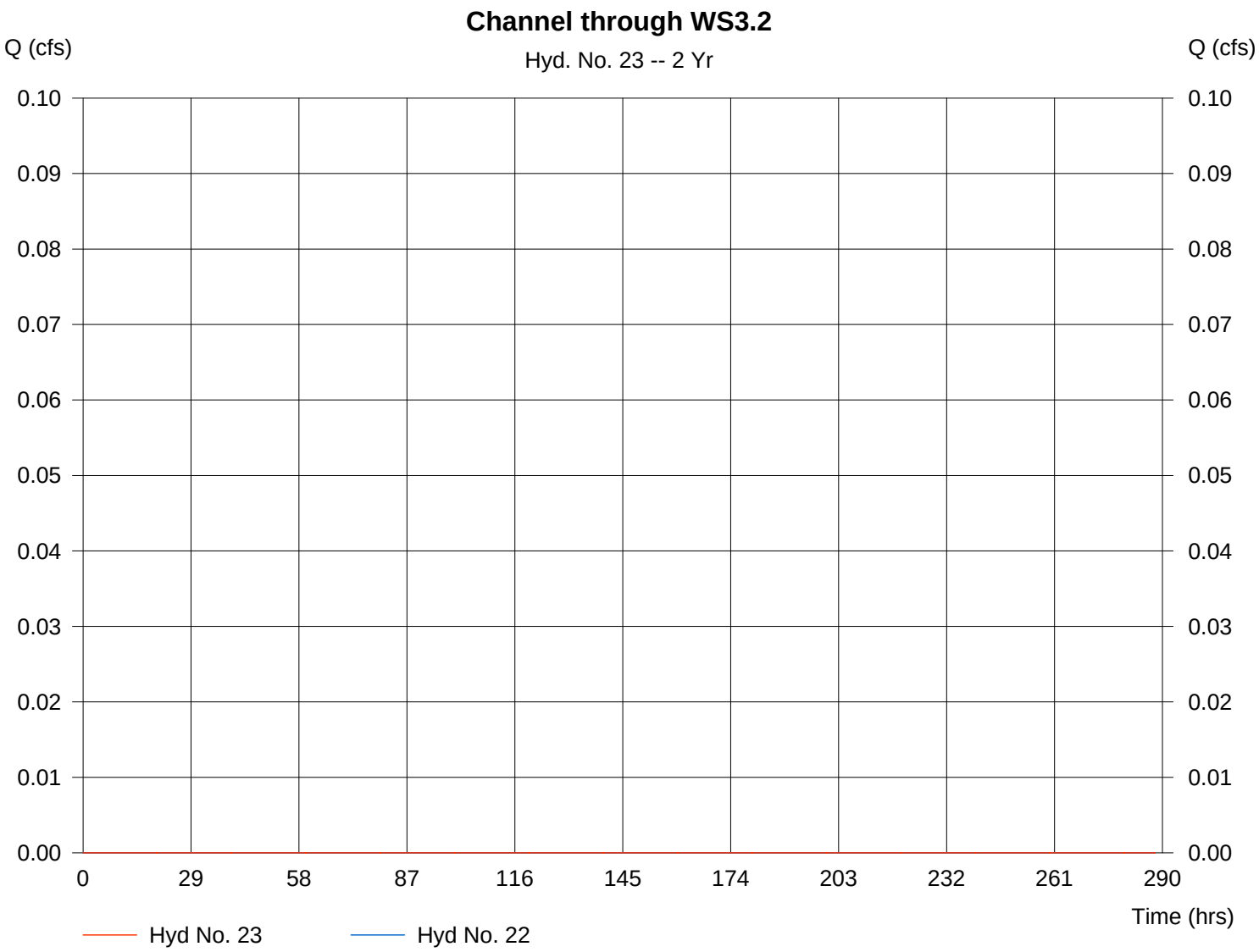
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 23

Channel through WS3.2

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyd. No.	=	22	Section type	=	Trapezoidal
Reach length	=	4980.0 ft	Channel slope	=	4.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.609	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.1848

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

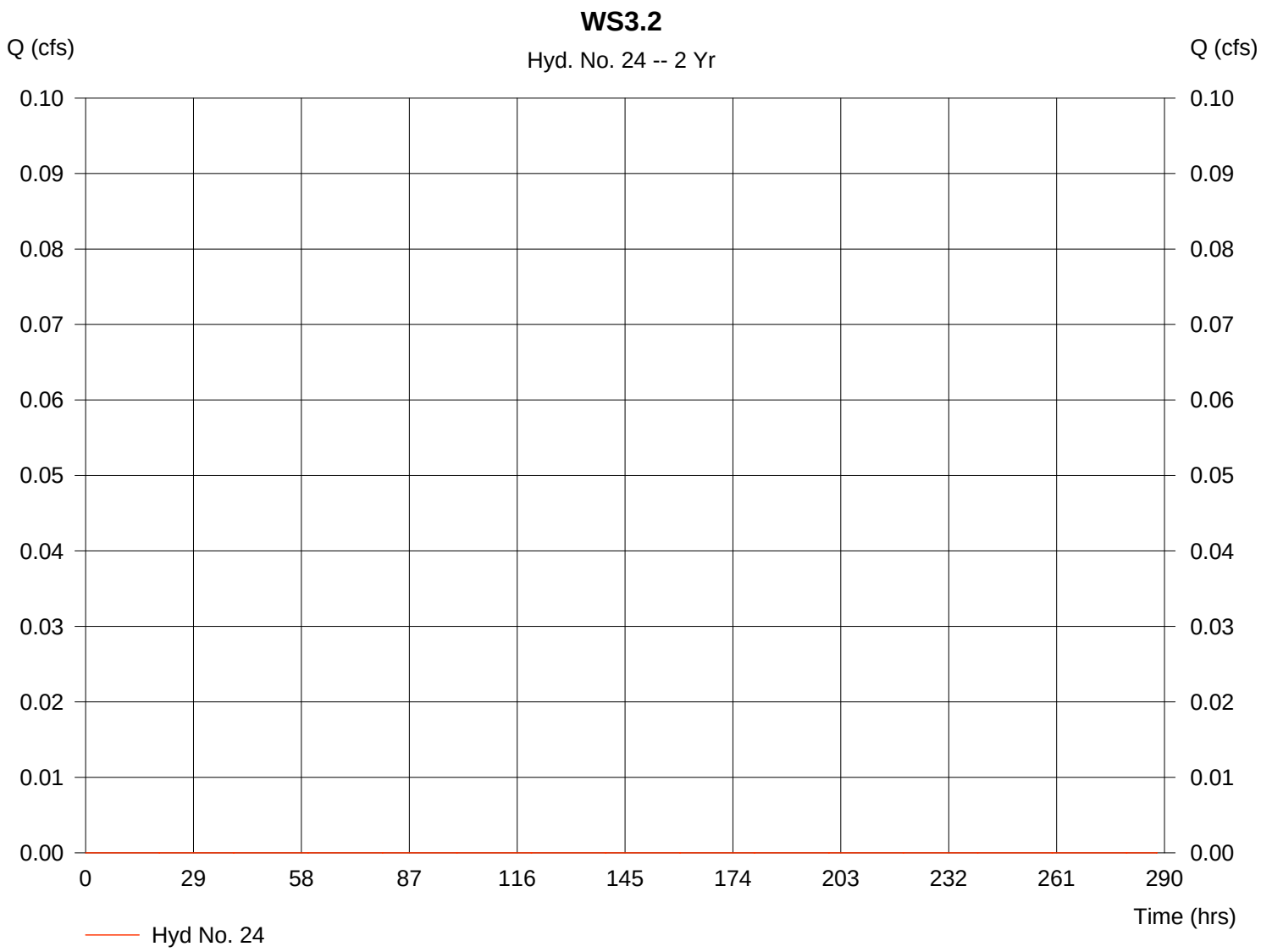
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 24

WS3.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 379.000 ac	Curve number	= 65
Basin Slope	= 4.4 %	Hydraulic length	= 4980 ft
Tc method	= LAG	Time of conc. (Tc)	= 83.30 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

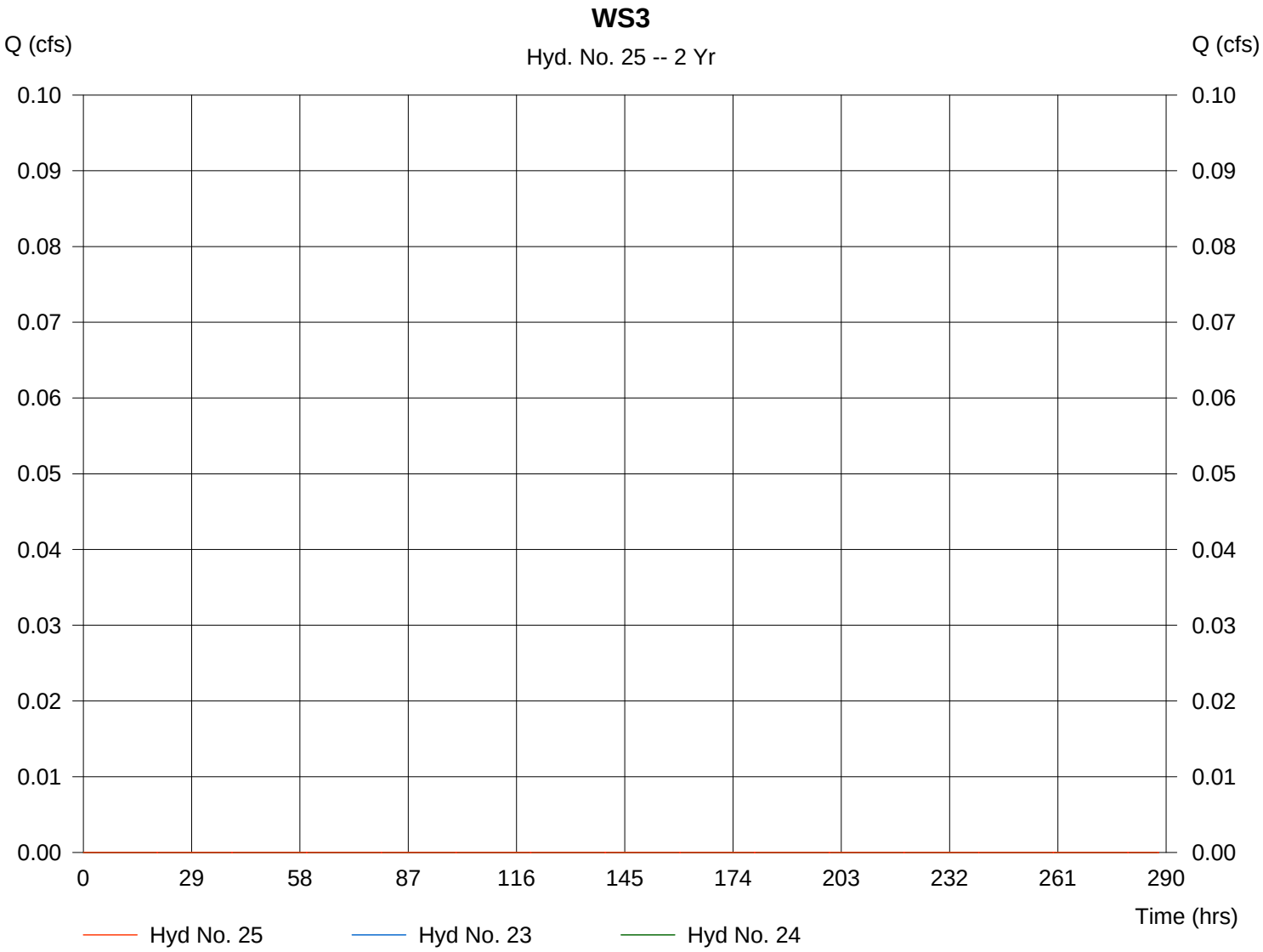
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 25

WS3

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Inflow hyds.	= 23, 24		

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

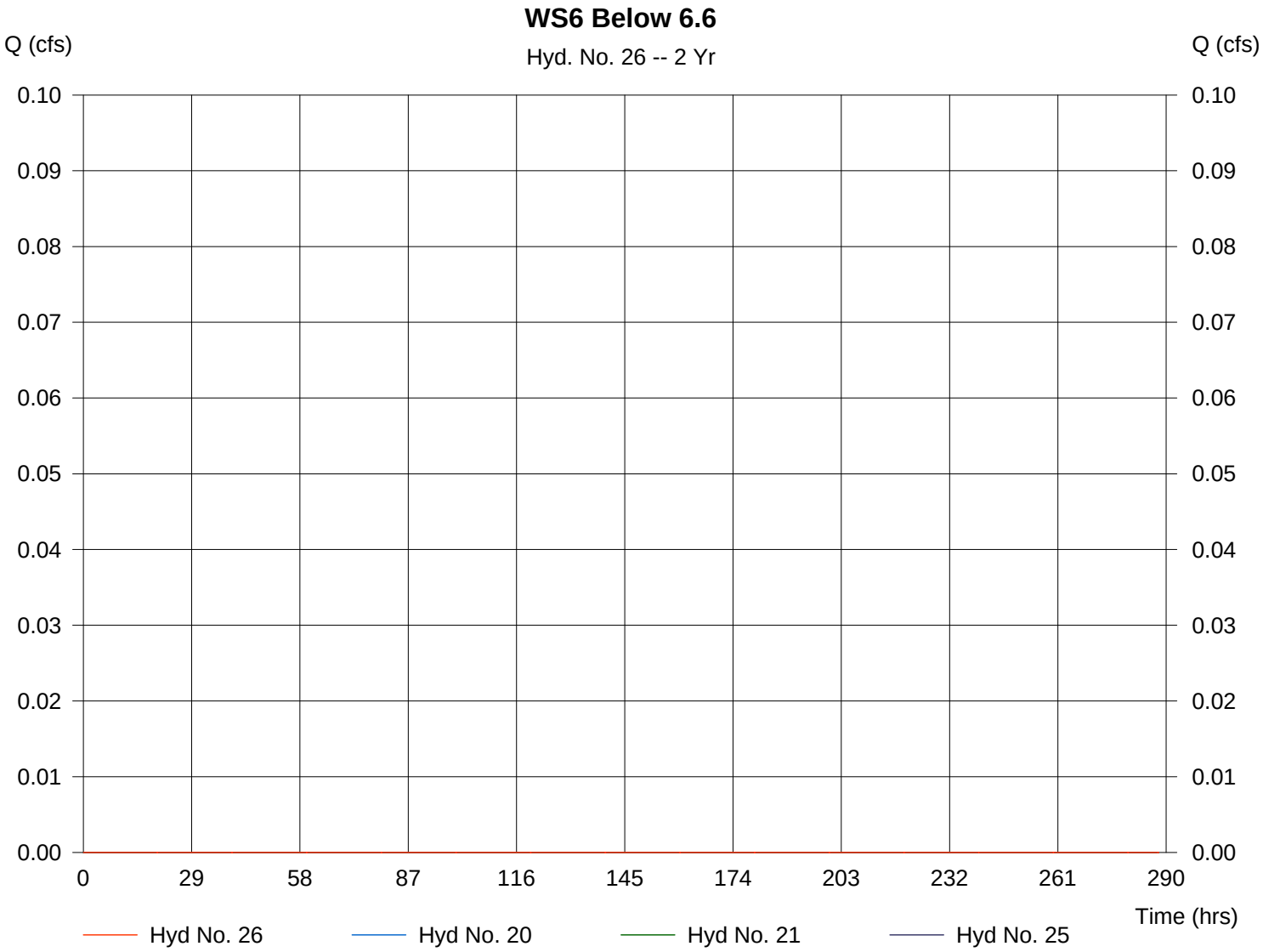
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 26

WS6 Below 6.6

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Inflow hyds.	= 20, 21, 25		

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

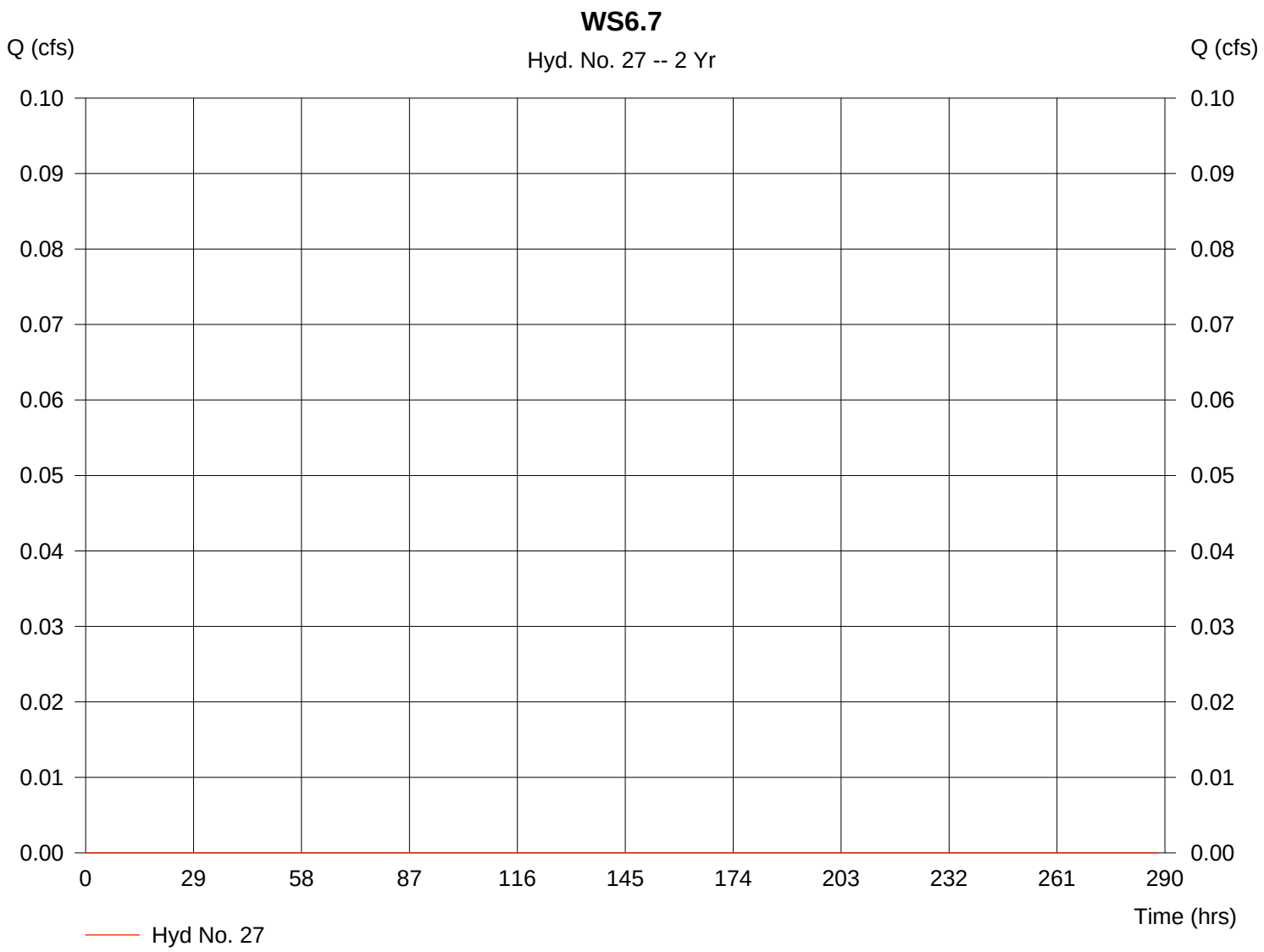
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 27

WS6.7

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 760.000 ac	Curve number	= 65
Basin Slope	= 2.9 %	Hydraulic length	= 10770 ft
Tc method	= LAG	Time of conc. (Tc)	= 191.30 min
Total precip.	= 0.83 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

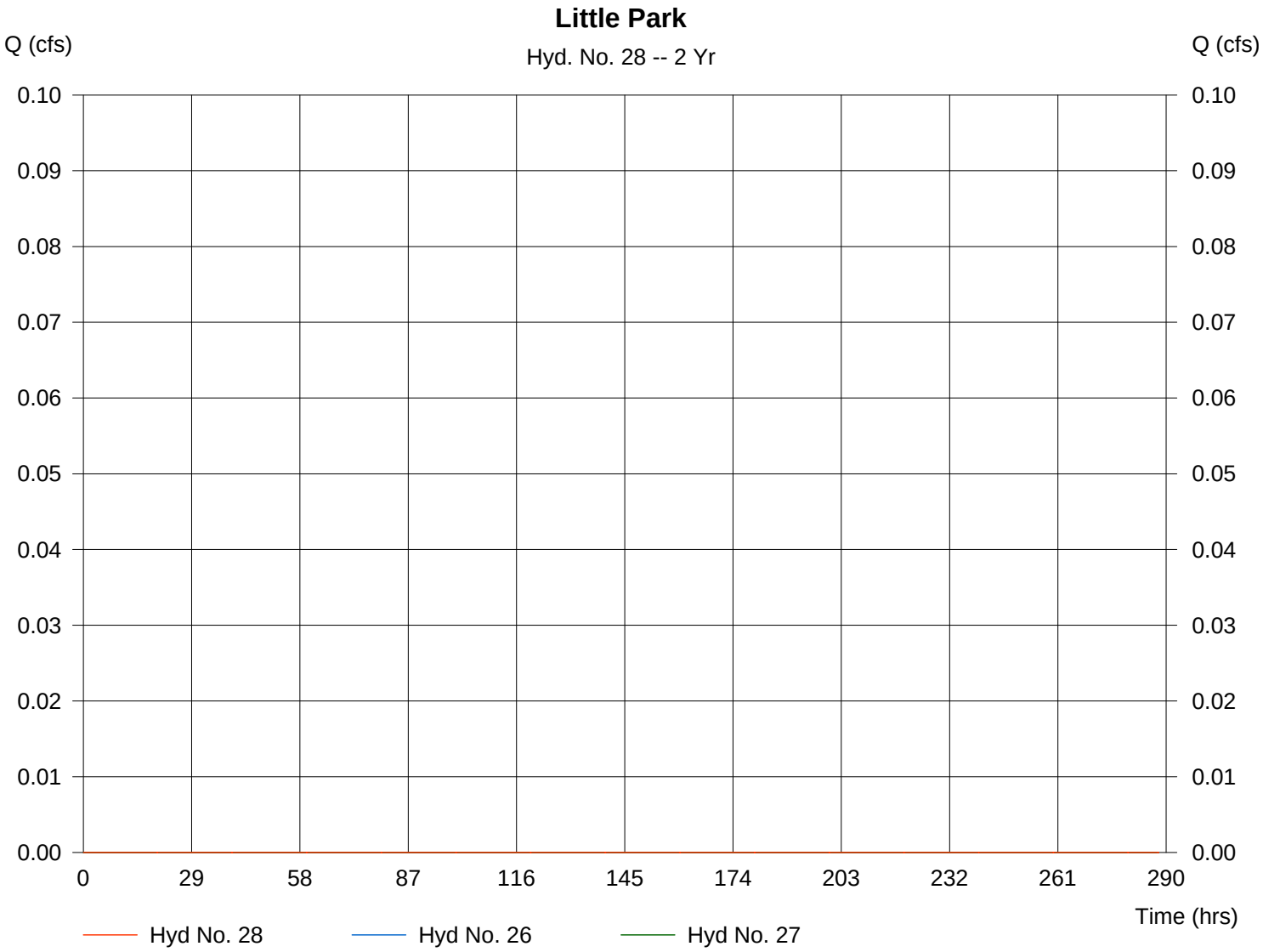
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 28

Little Park

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyds.	=	26, 27			

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

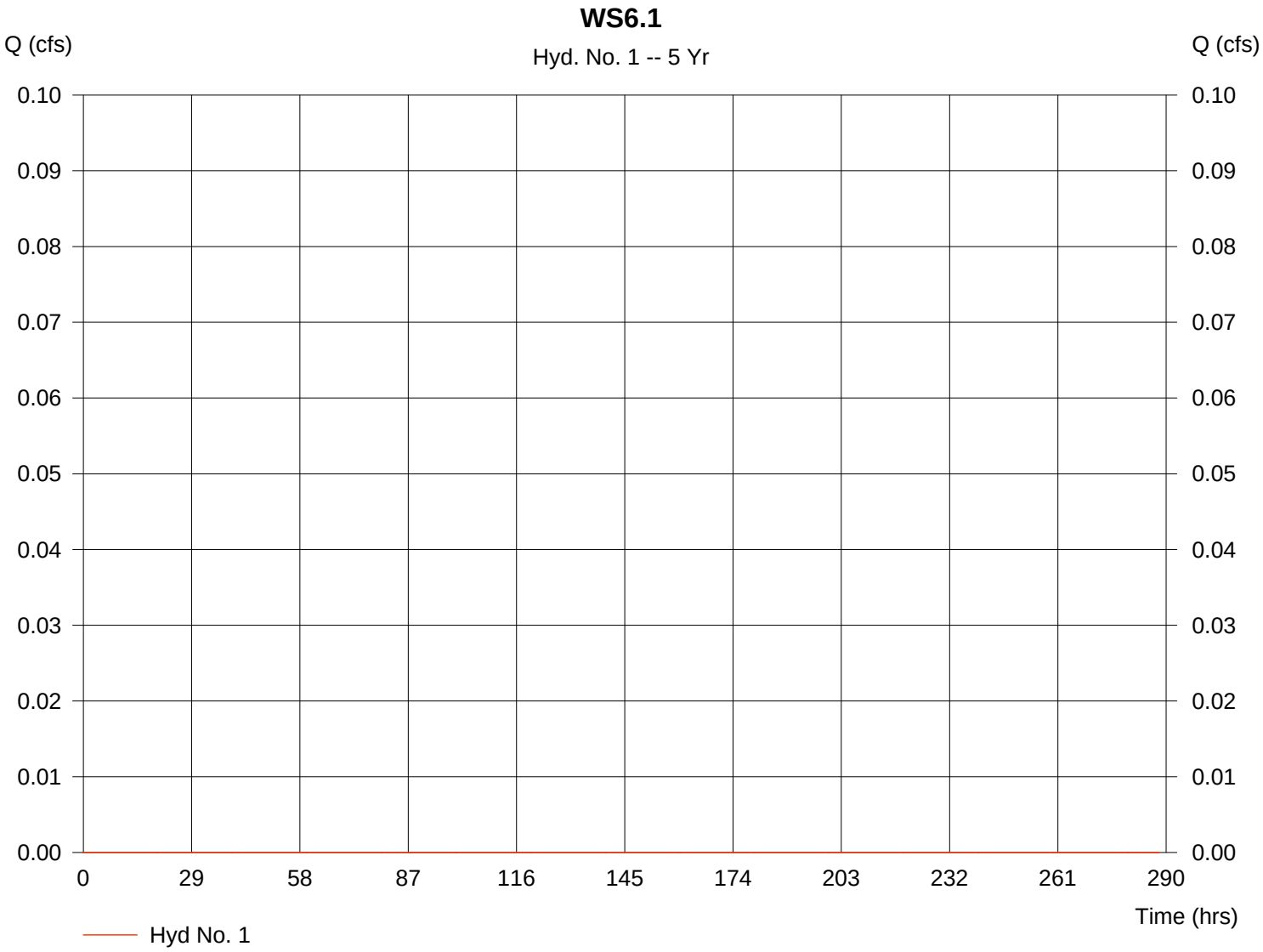
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 1

WS6.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 499.000 ac	Curve number	= 65
Basin Slope	= 20.8 %	Hydraulic length	= 7930 ft
Tc method	= LAG	Time of conc. (Tc)	= 55.70 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

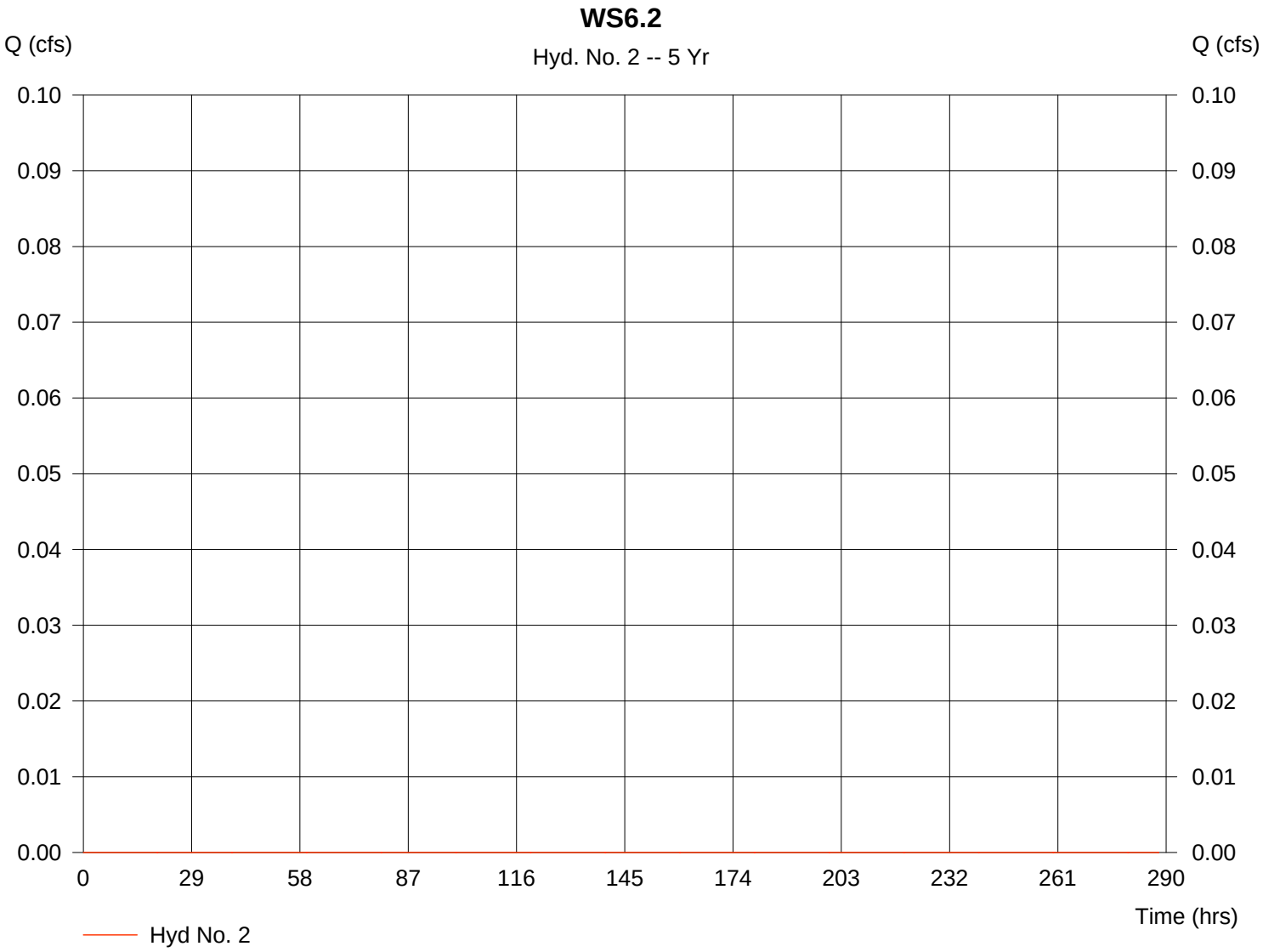
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 2

WS6.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 285.000 ac	Curve number	= 65
Basin Slope	= 19.3 %	Hydraulic length	= 6790 ft
Tc method	= LAG	Time of conc. (Tc)	= 51.10 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

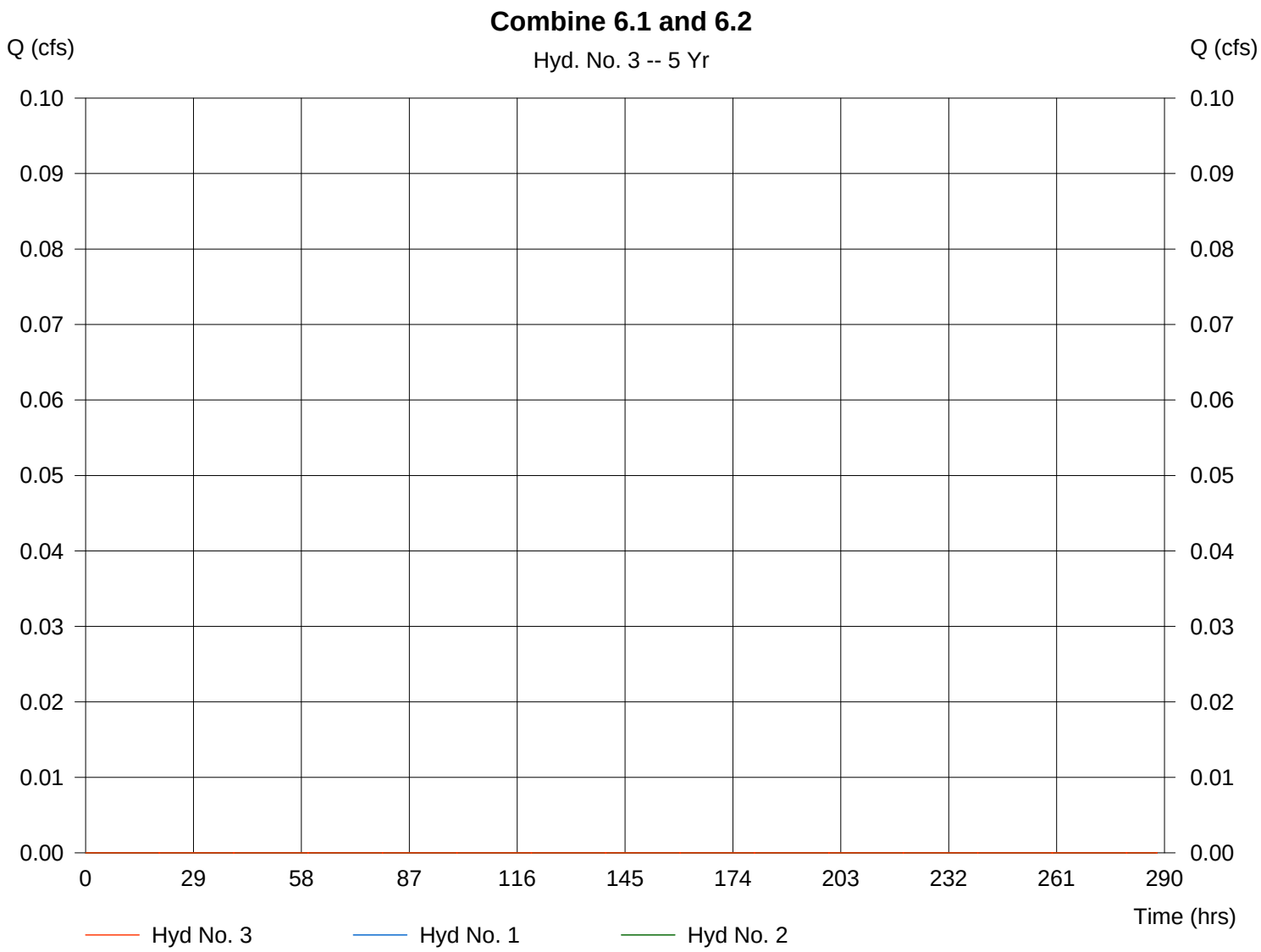
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 3

Combine 6.1 and 6.2

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Inflow hyds.	= 1, 2		

Hydrograph Volume = 0 cuft



Hydrograph Plot

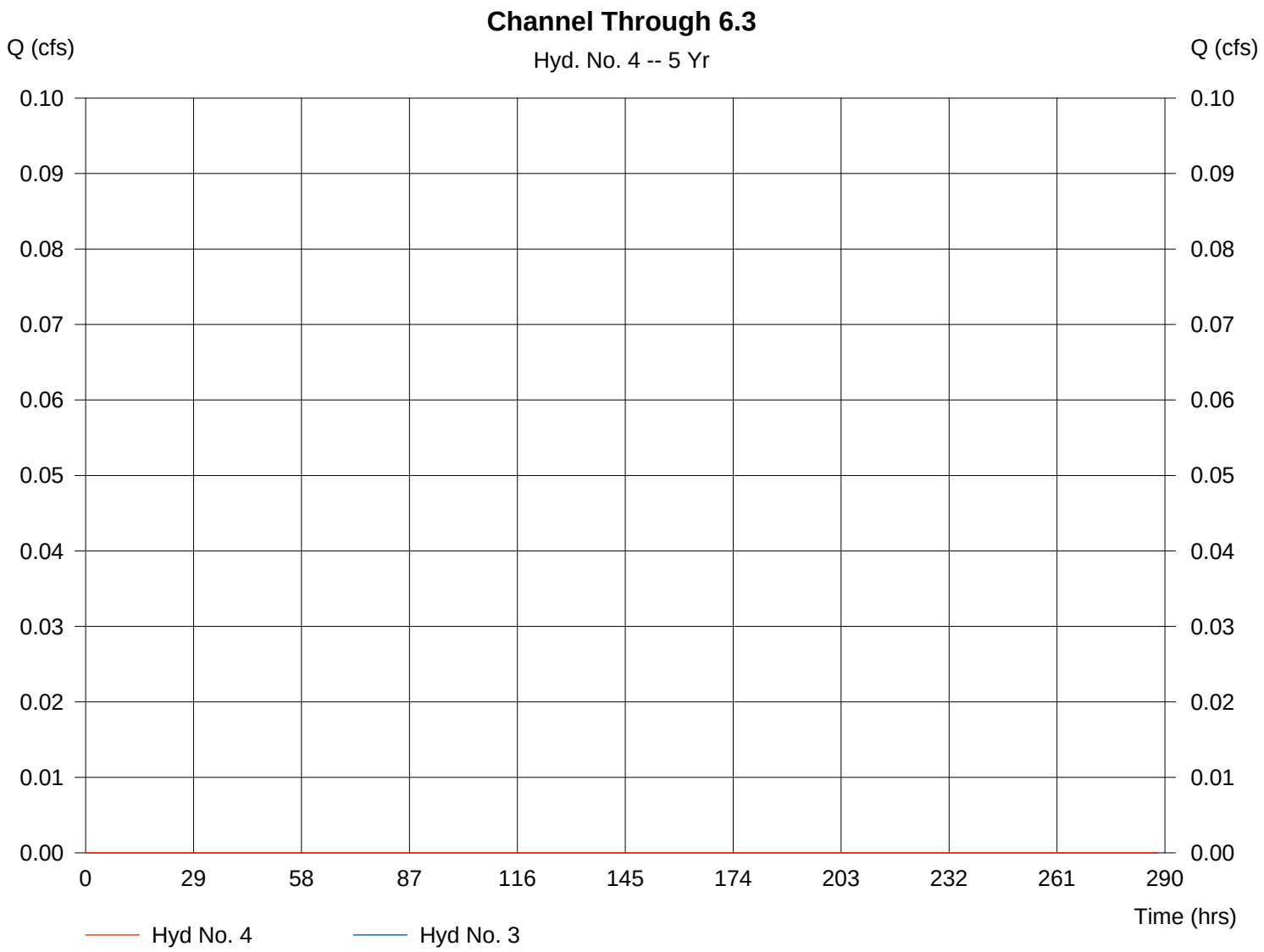
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 4

Channel Through 6.3

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyd. No.	=	3	Section type	=	Trapezoidal
Reach length	=	2170.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.528	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.5566

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

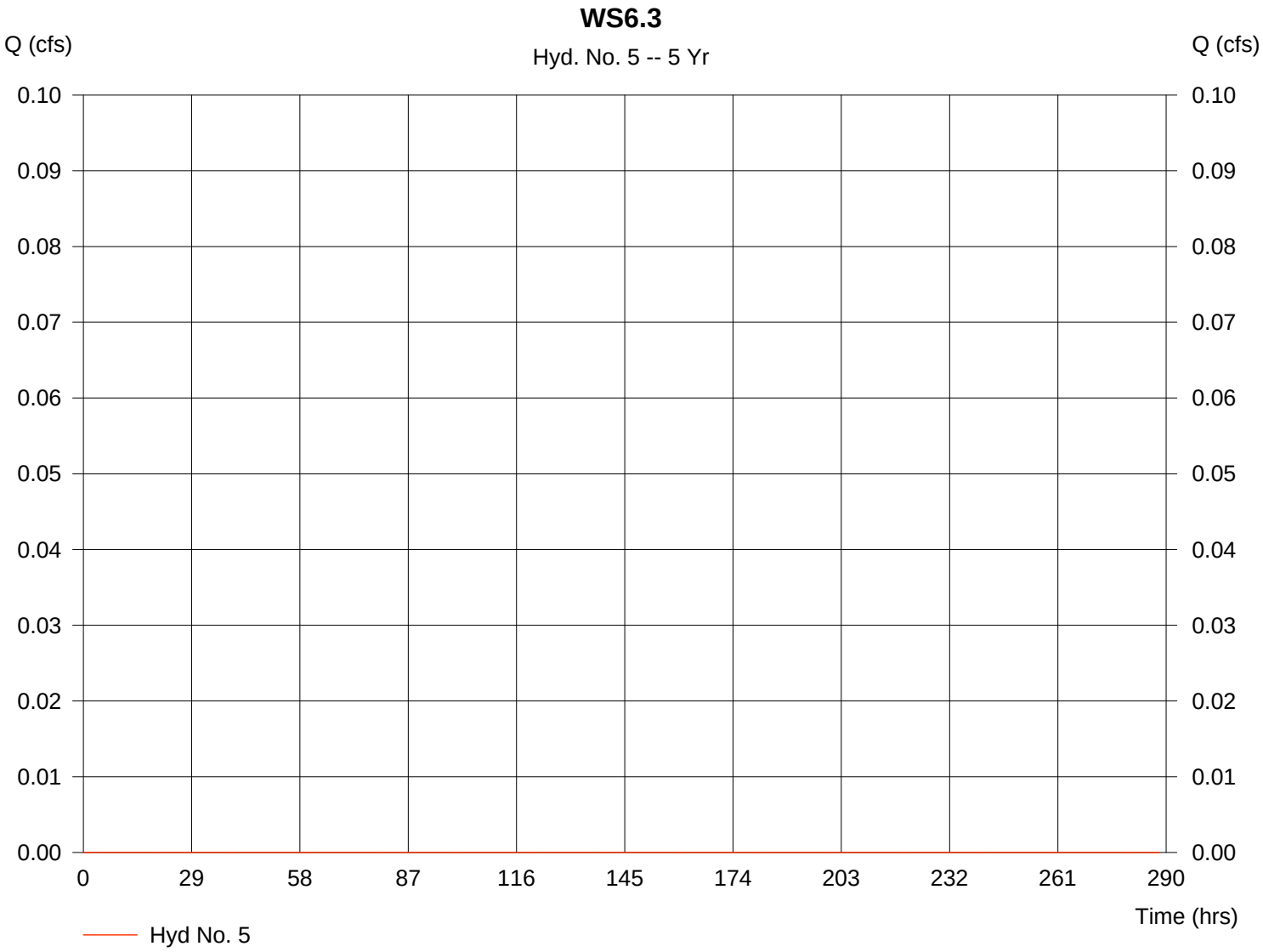
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 5

WS6.3

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 94.000 ac	Curve number	= 65
Basin Slope	= 4.2 %	Hydraulic length	= 2170 ft
Tc method	= LAG	Time of conc. (Tc)	= 44.20 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

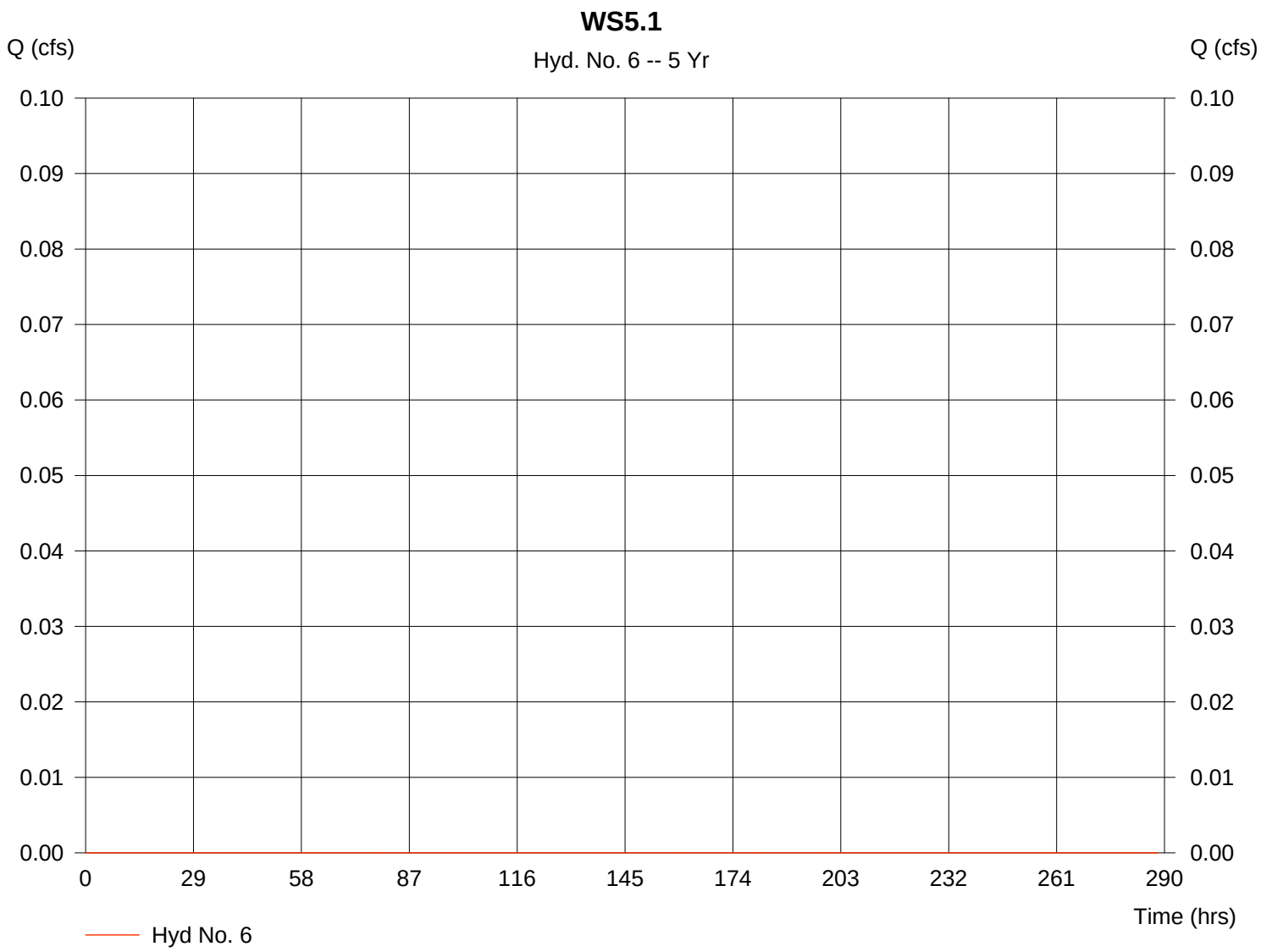
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 6

WS5.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 77.000 ac	Curve number	= 65
Basin Slope	= 44.8 %	Hydraulic length	= 2230 ft
Tc method	= LAG	Time of conc. (Tc)	= 13.70 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

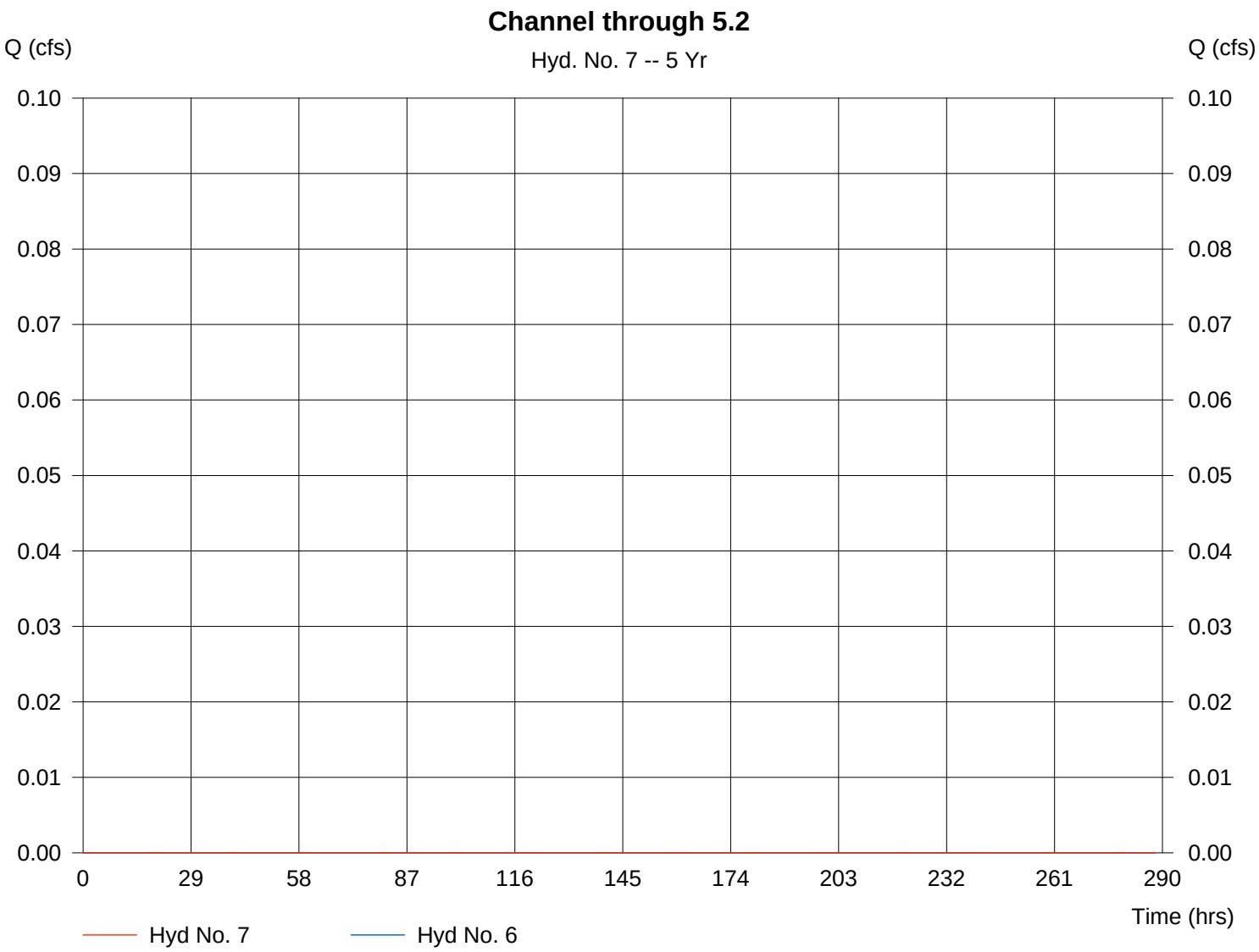
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 7

Channel through 5.2

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyd. No.	=	6	Section type	=	Trapezoidal
Reach length	=	4550.0 ft	Channel slope	=	13.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	4.506	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.2430

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

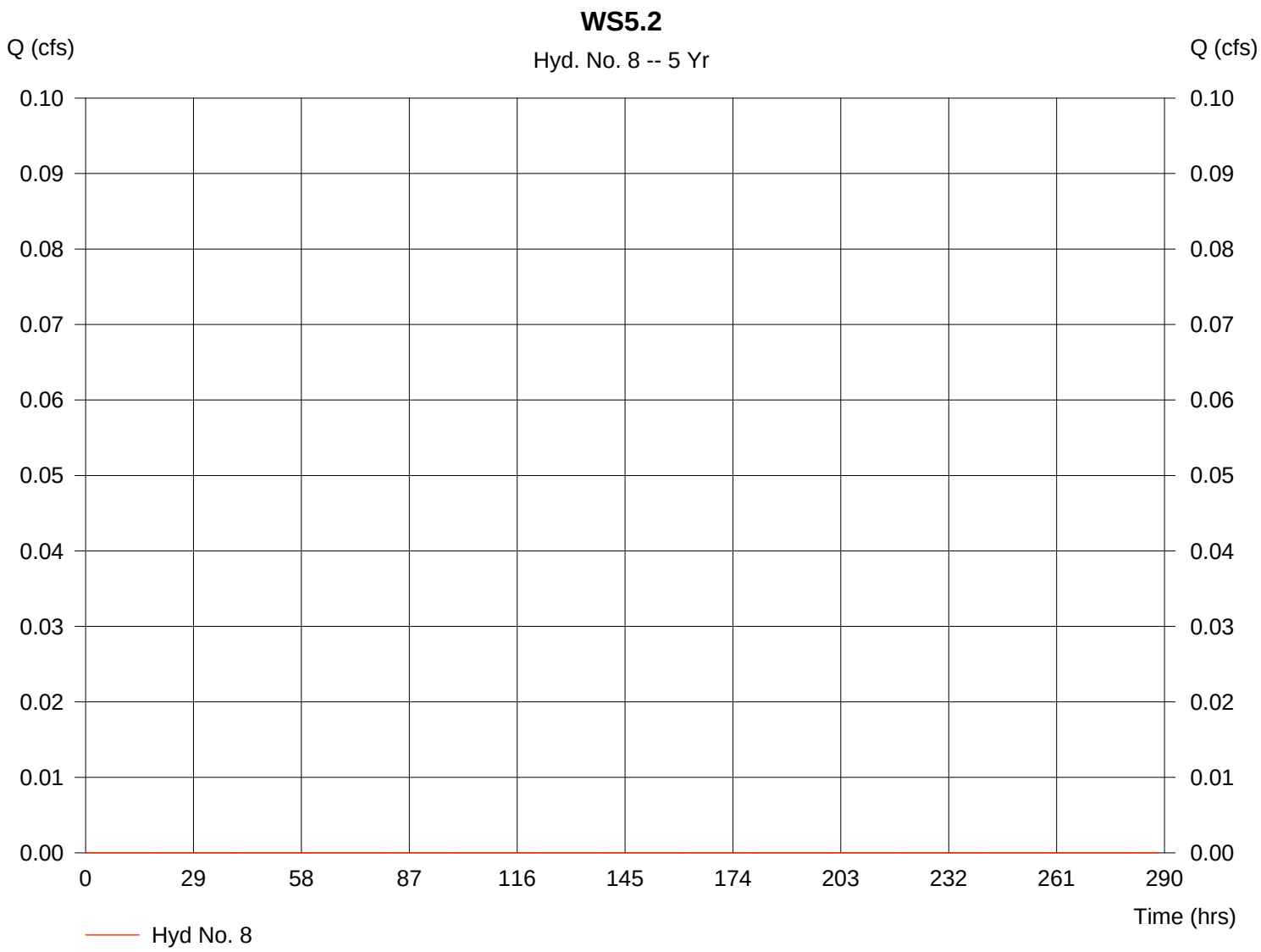
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 8

WS5.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 213.000 ac	Curve number	= 65
Basin Slope	= 13.2 %	Hydraulic length	= 4550 ft
Tc method	= LAG	Time of conc. (Tc)	= 44.80 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

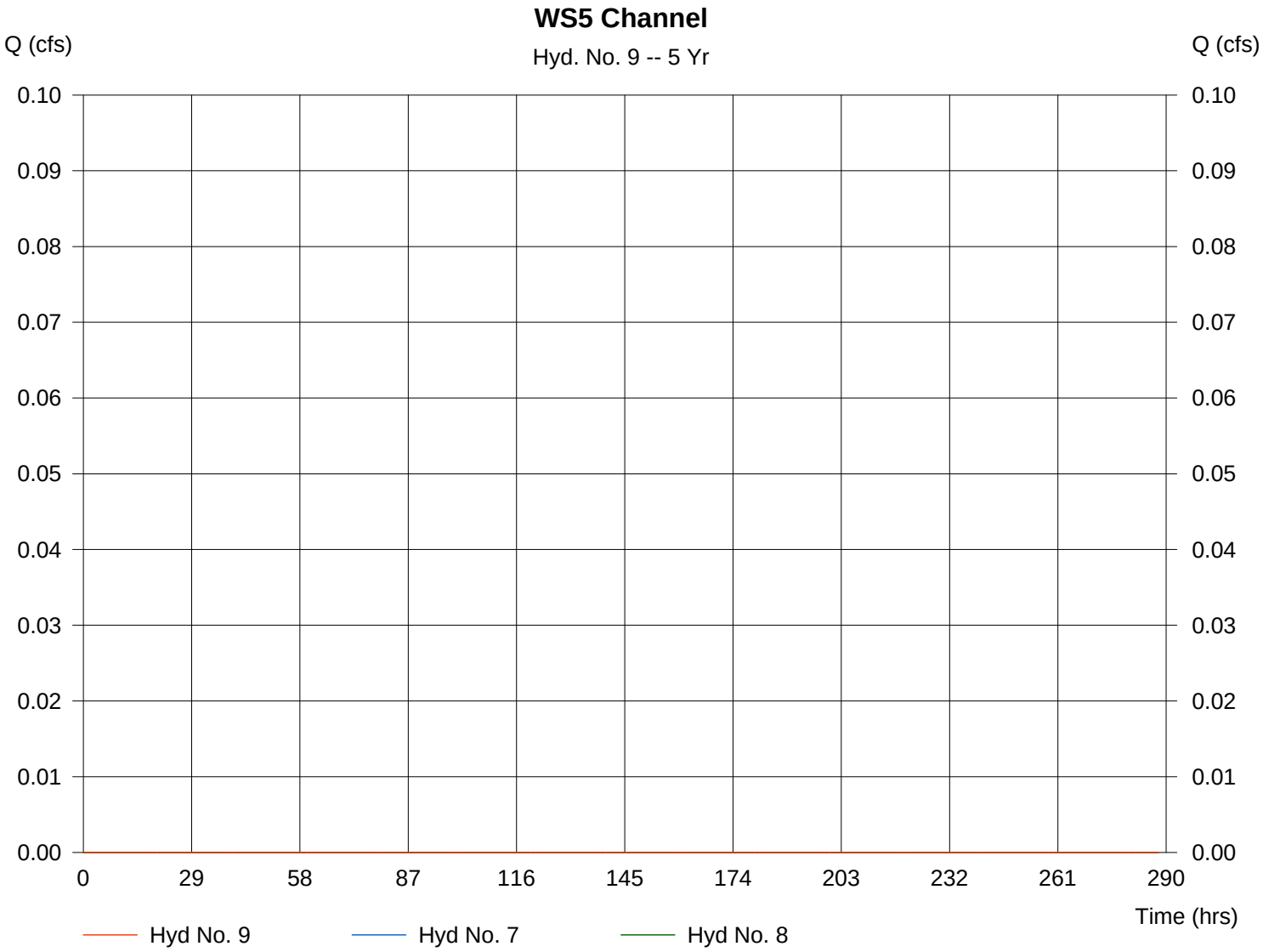
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 9

WS5 Channel

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyds.	=	7, 8			

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

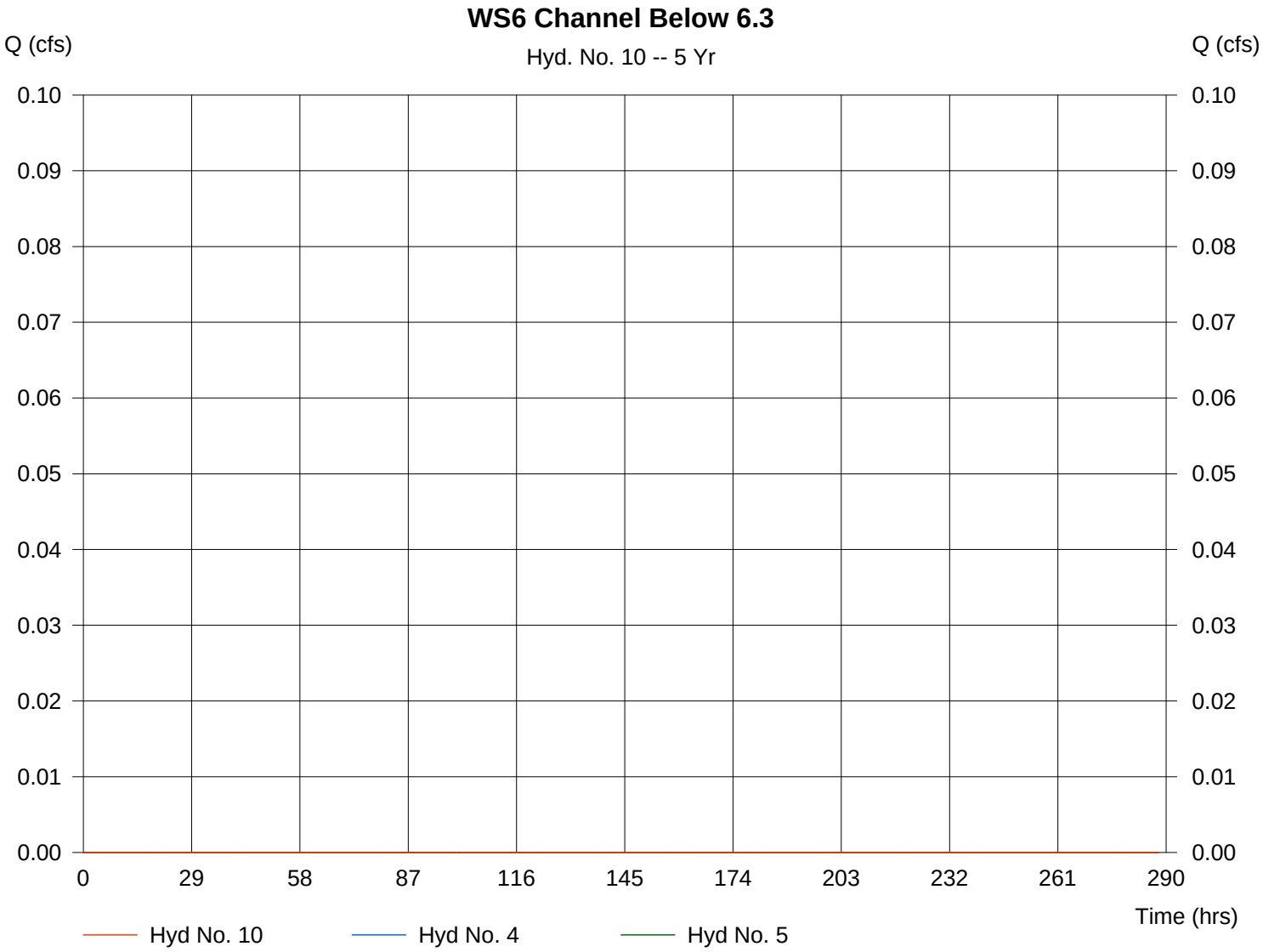
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 10

WS6 Channel Below 6.3

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Inflow hyds.	= 4, 5		

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

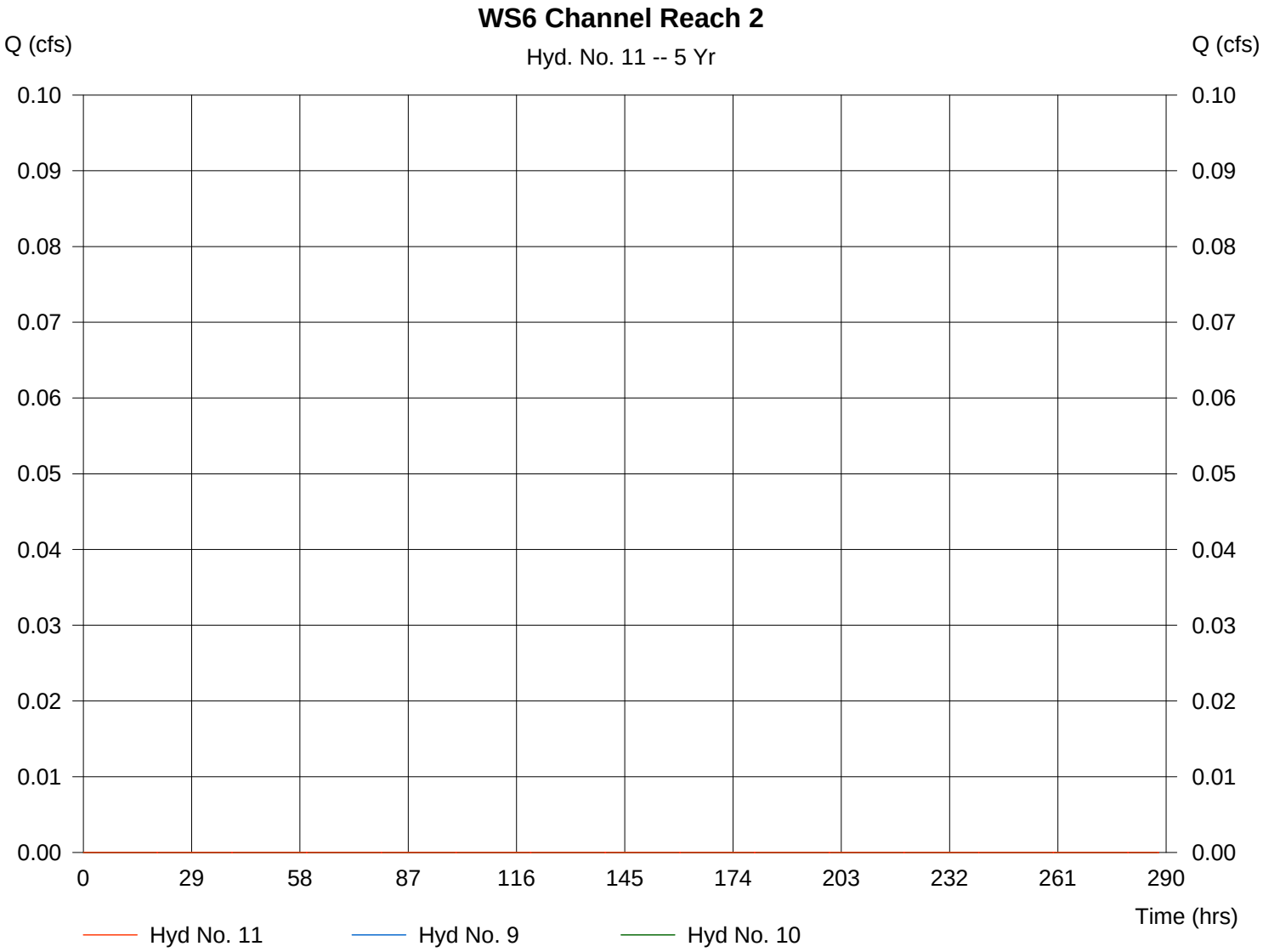
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 11

WS6 Channel Reach 2

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Inflow hyds.	= 9, 10		

Hydrograph Volume = 0 cuft



Hydrograph Plot

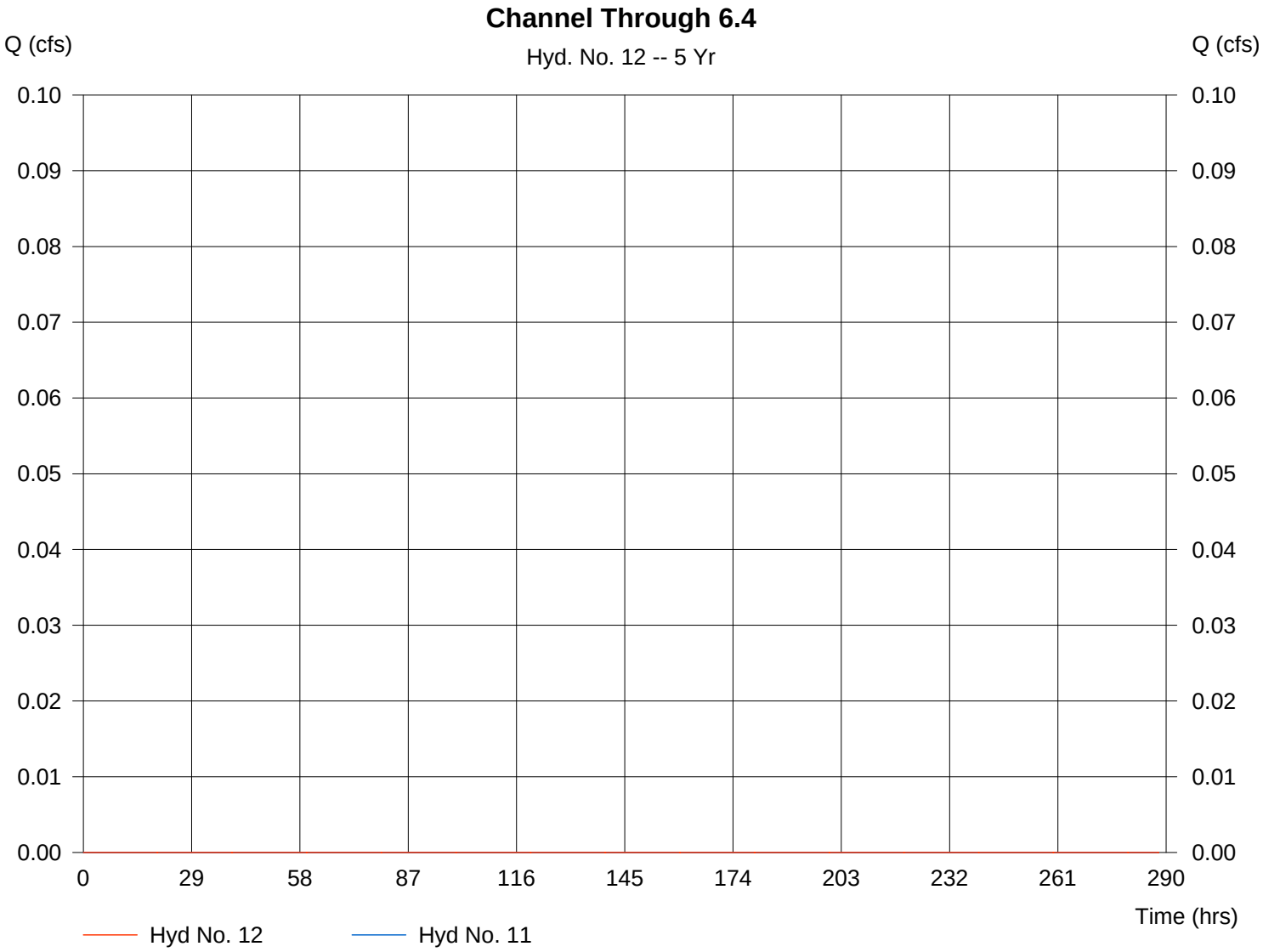
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 12

Channel Through 6.4

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyd. No.	=	11	Section type	=	Trapezoidal
Reach length	=	2370.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.549	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.5679

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

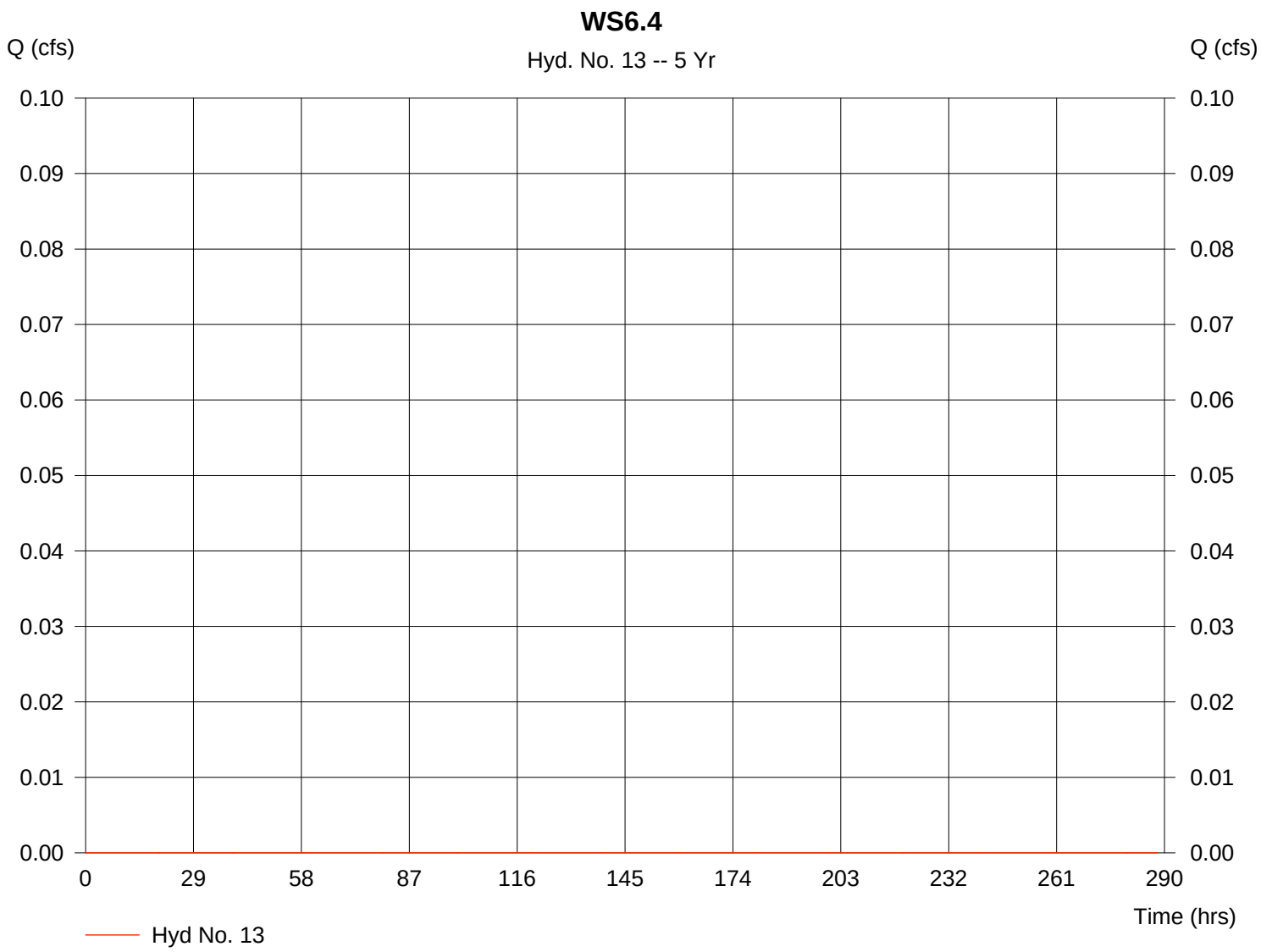
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 13

WS6.4

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 67.000 ac	Curve number	= 65
Basin Slope	= 4.2 %	Hydraulic length	= 2370 ft
Tc method	= LAG	Time of conc. (Tc)	= 47.00 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

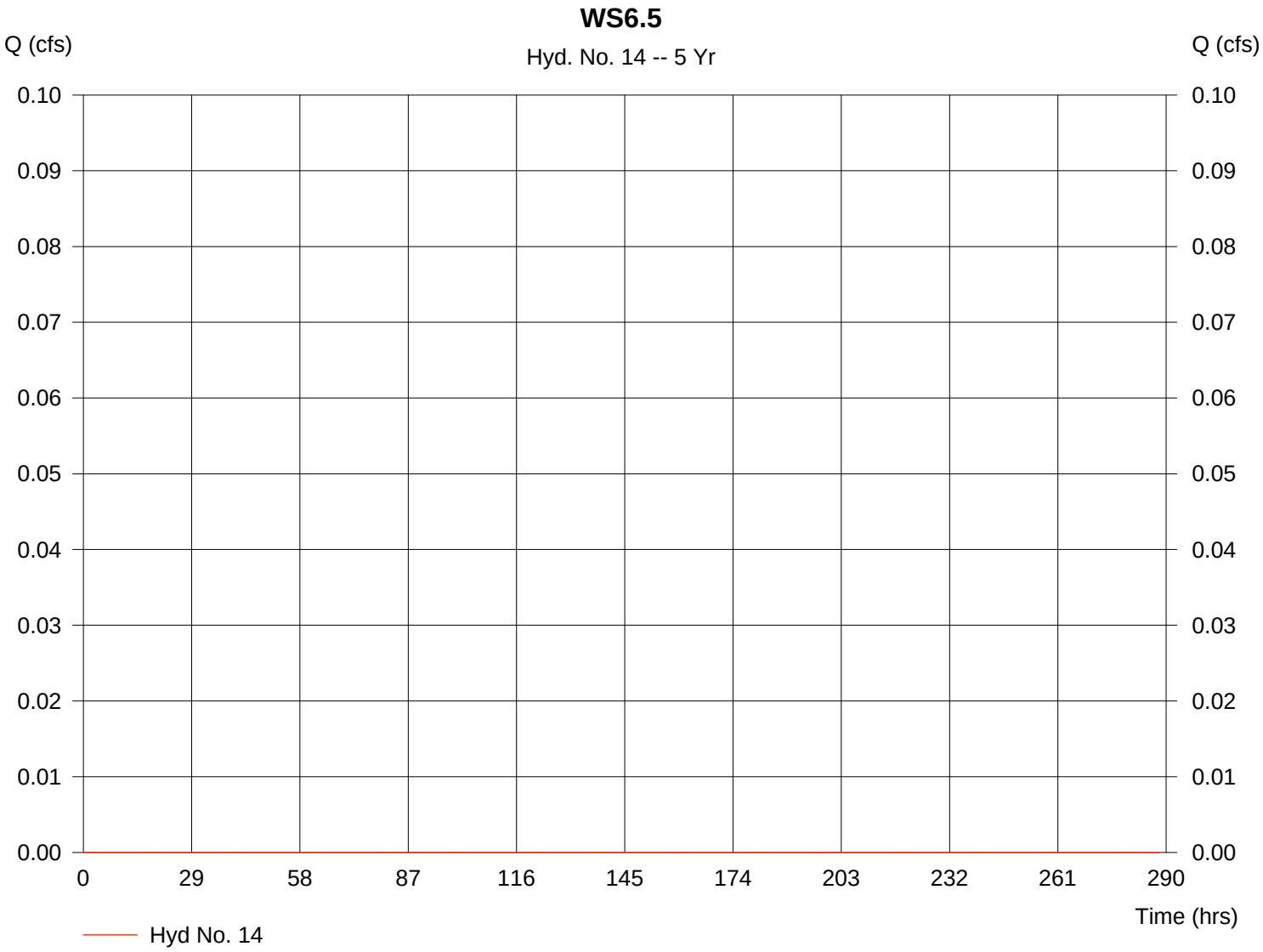
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 14

WS6.5

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 276.000 ac	Curve number	= 65
Basin Slope	= 17.5 %	Hydraulic length	= 6770 ft
Tc method	= LAG	Time of conc. (Tc)	= 53.50 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

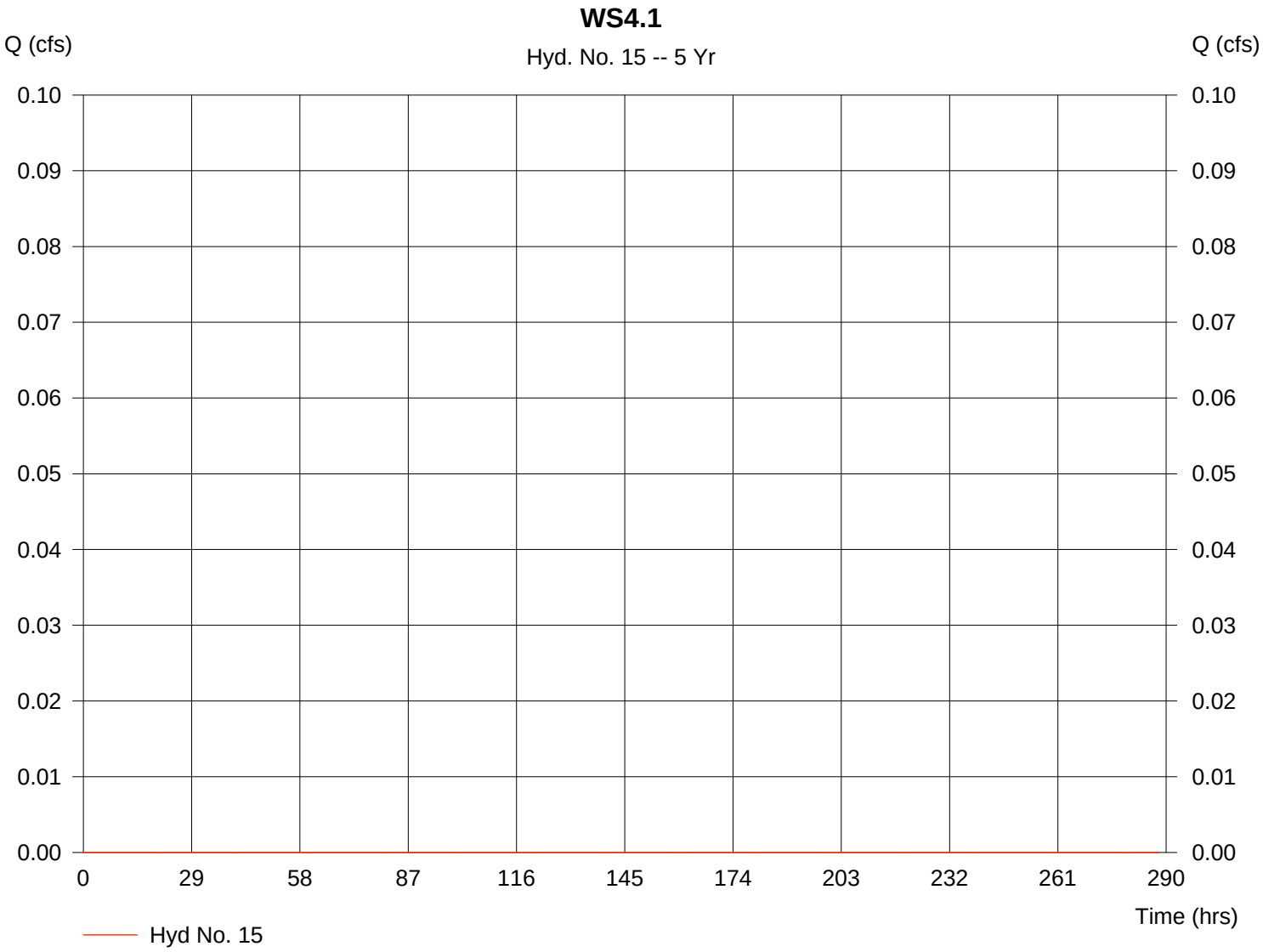
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 15

WS4.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 189.000 ac	Curve number	= 65
Basin Slope	= 31.3 %	Hydraulic length	= 3850 ft
Tc method	= LAG	Time of conc. (Tc)	= 25.40 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

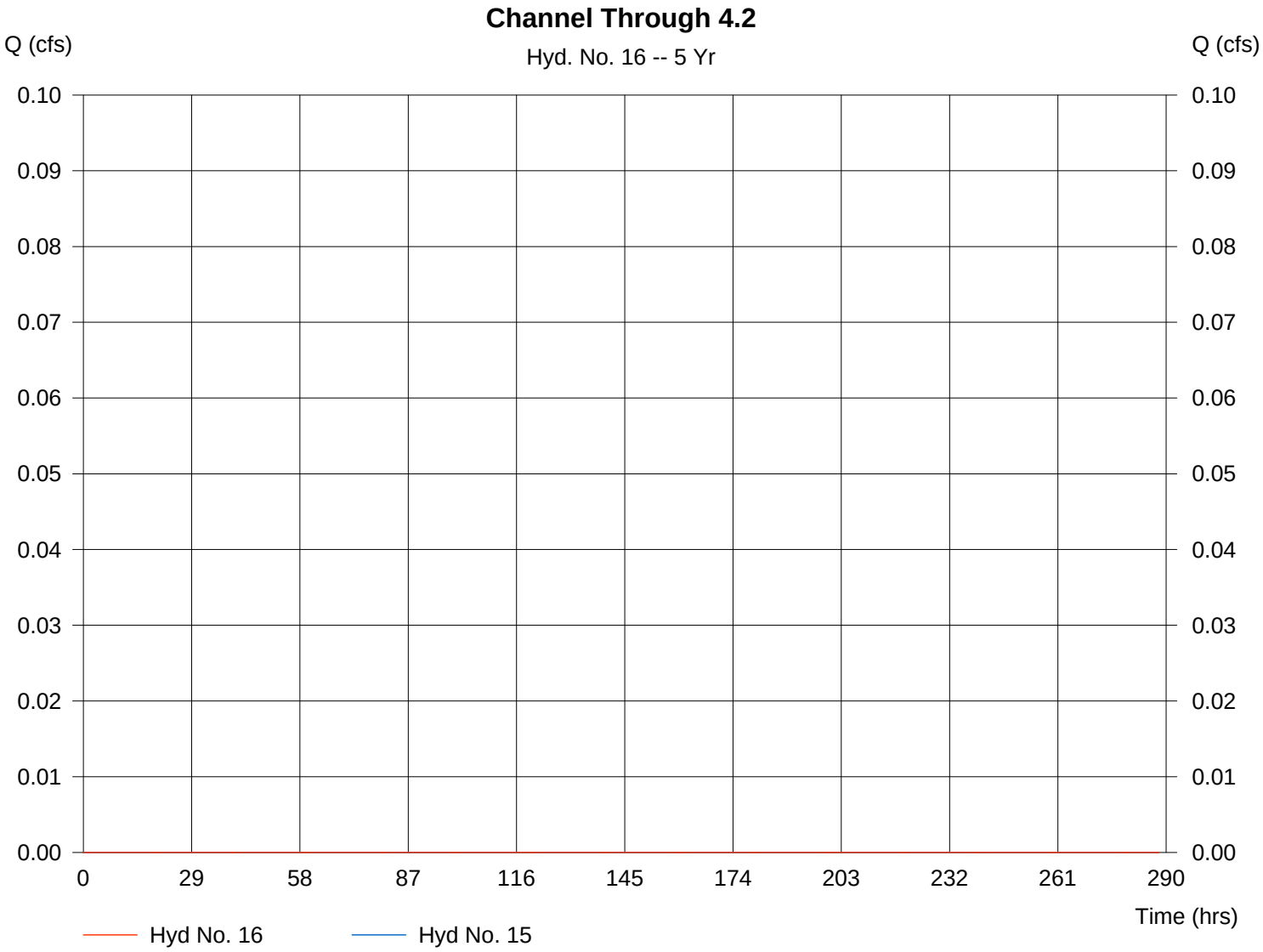
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 16

Channel Through 4.2

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyd. No.	=	15	Section type	=	Trapezoidal
Reach length	=	5010.0 ft	Channel slope	=	10.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	3.998	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.2646

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

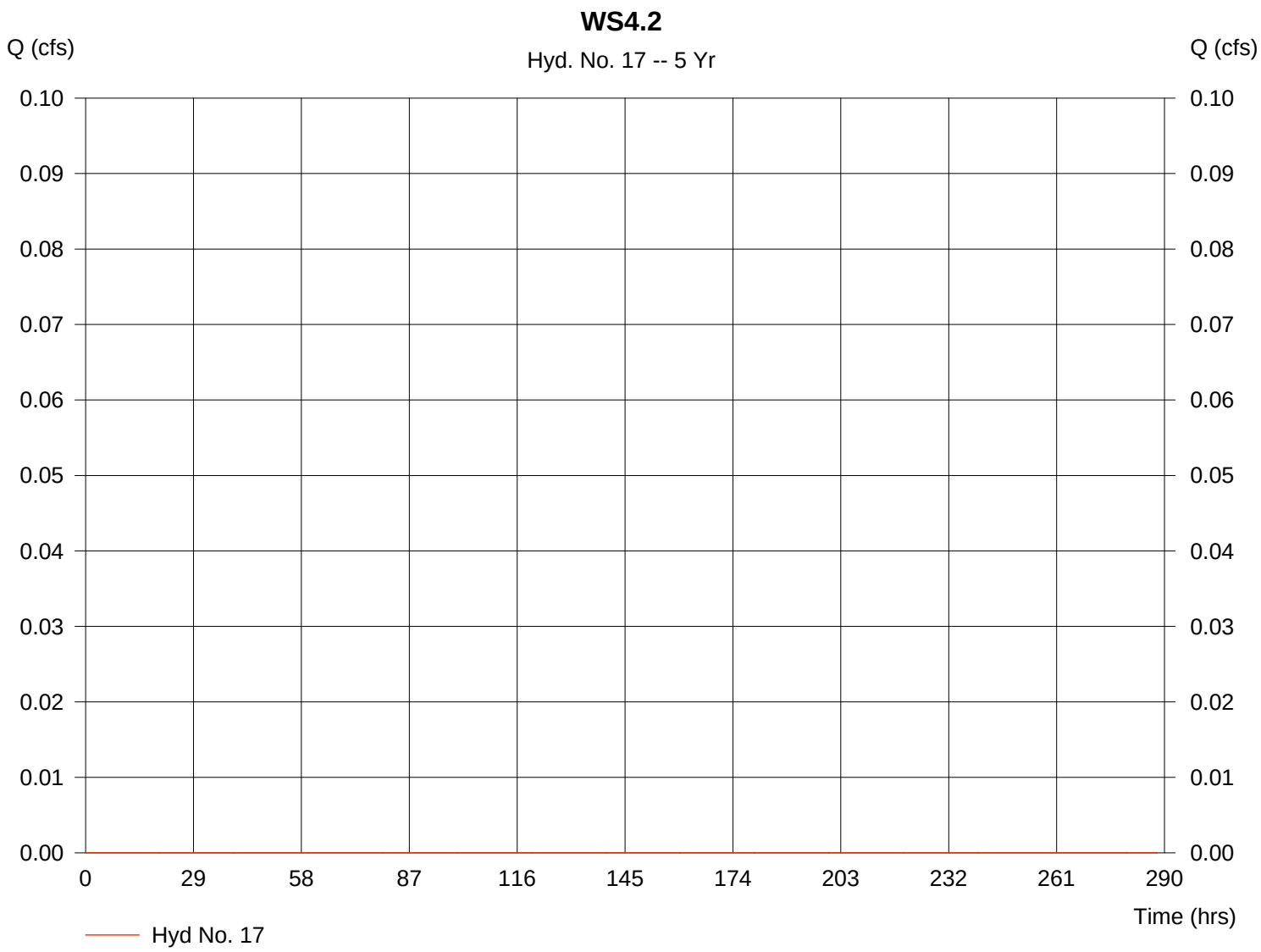
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 17

WS4.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 232.000 ac	Curve number	= 65
Basin Slope	= 10.4 %	Hydraulic length	= 5010 ft
Tc method	= LAG	Time of conc. (Tc)	= 54.60 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

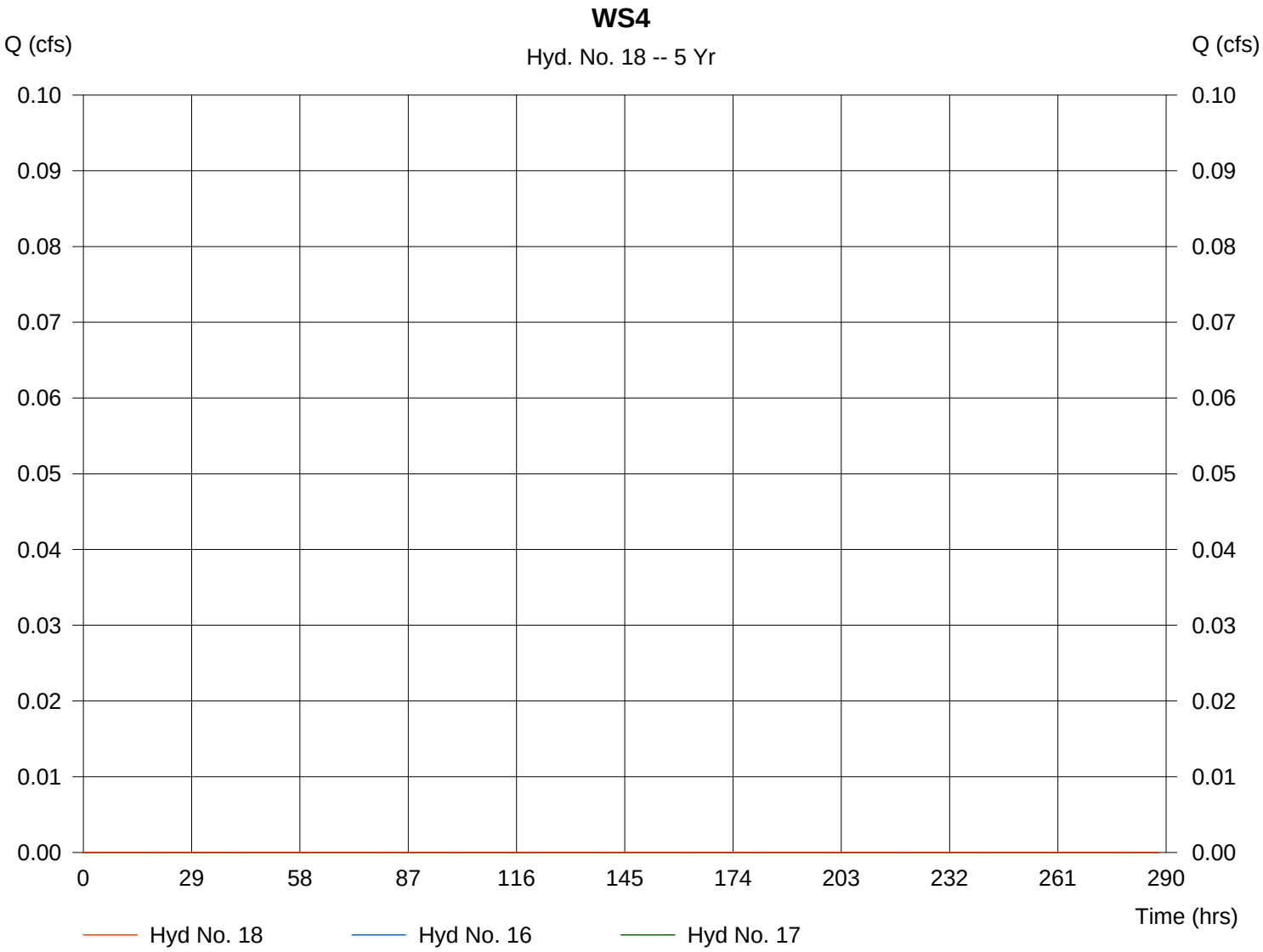
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 18

WS4

Hydrograph type	= Combine	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Inflow hyds.	= 16, 17		

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

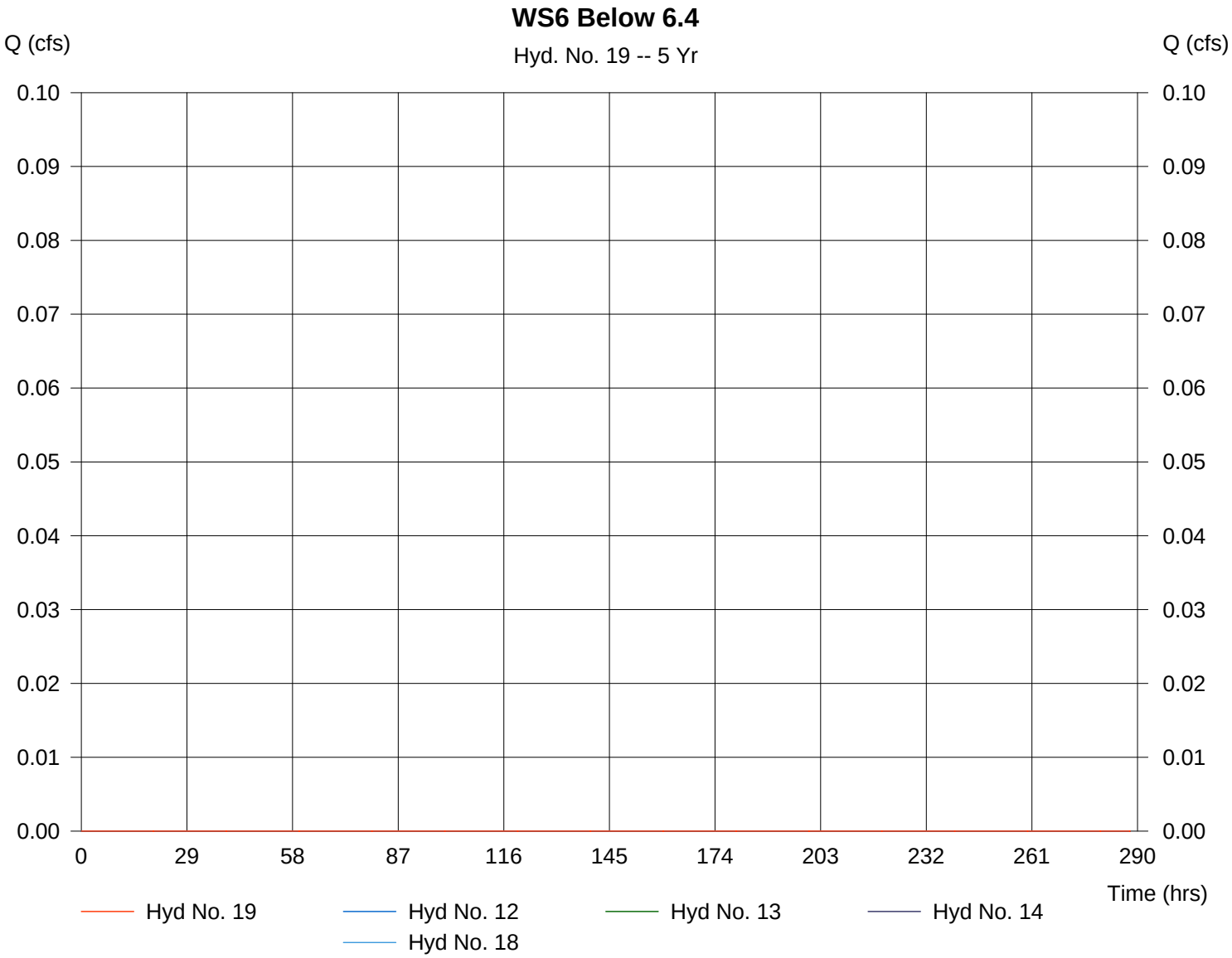
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 19

WS6 Below 6.4

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyds.	=	12, 13, 14, 18			

Hydrograph Volume = 0 cuft



Hydrograph Plot

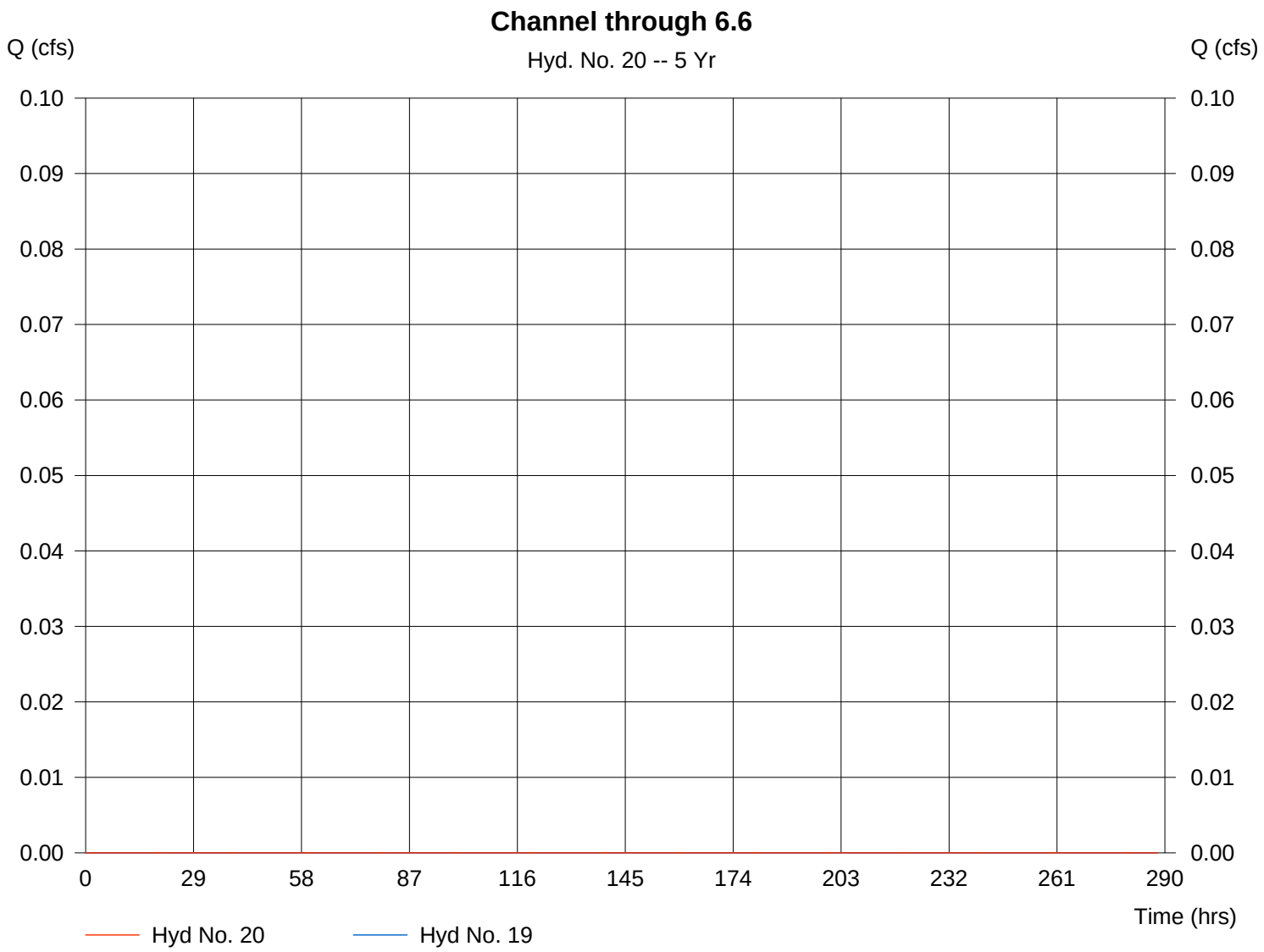
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 20

Channel through 6.6

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyd. No.	=	19	Section type	=	Trapezoidal
Reach length	=	5730.0 ft	Channel slope	=	3.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.261	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.2980

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

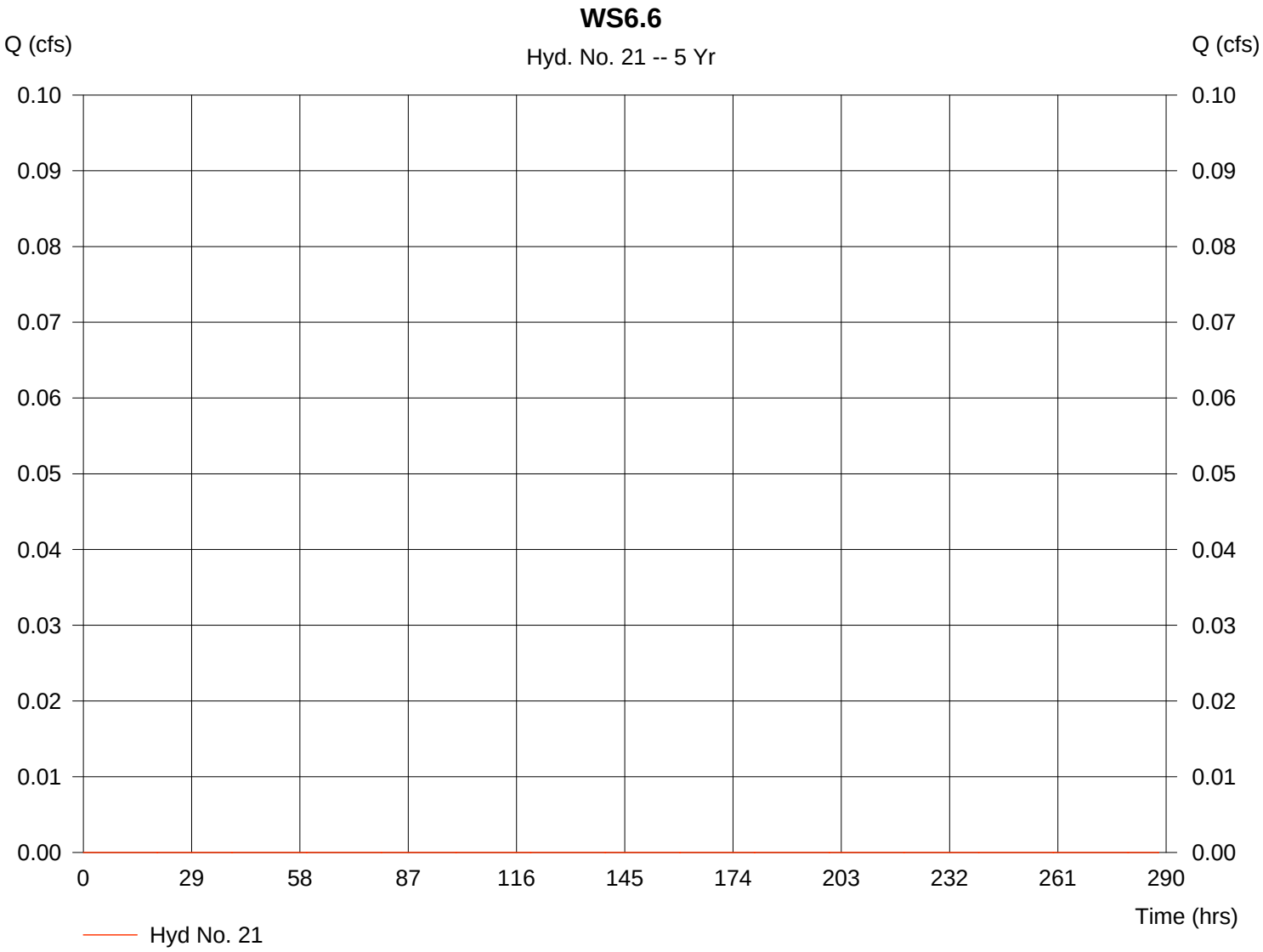
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 21

WS6.6

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 383.000 ac	Curve number	= 65
Basin Slope	= 3.3 %	Hydraulic length	= 5730 ft
Tc method	= LAG	Time of conc. (Tc)	= 107.50 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

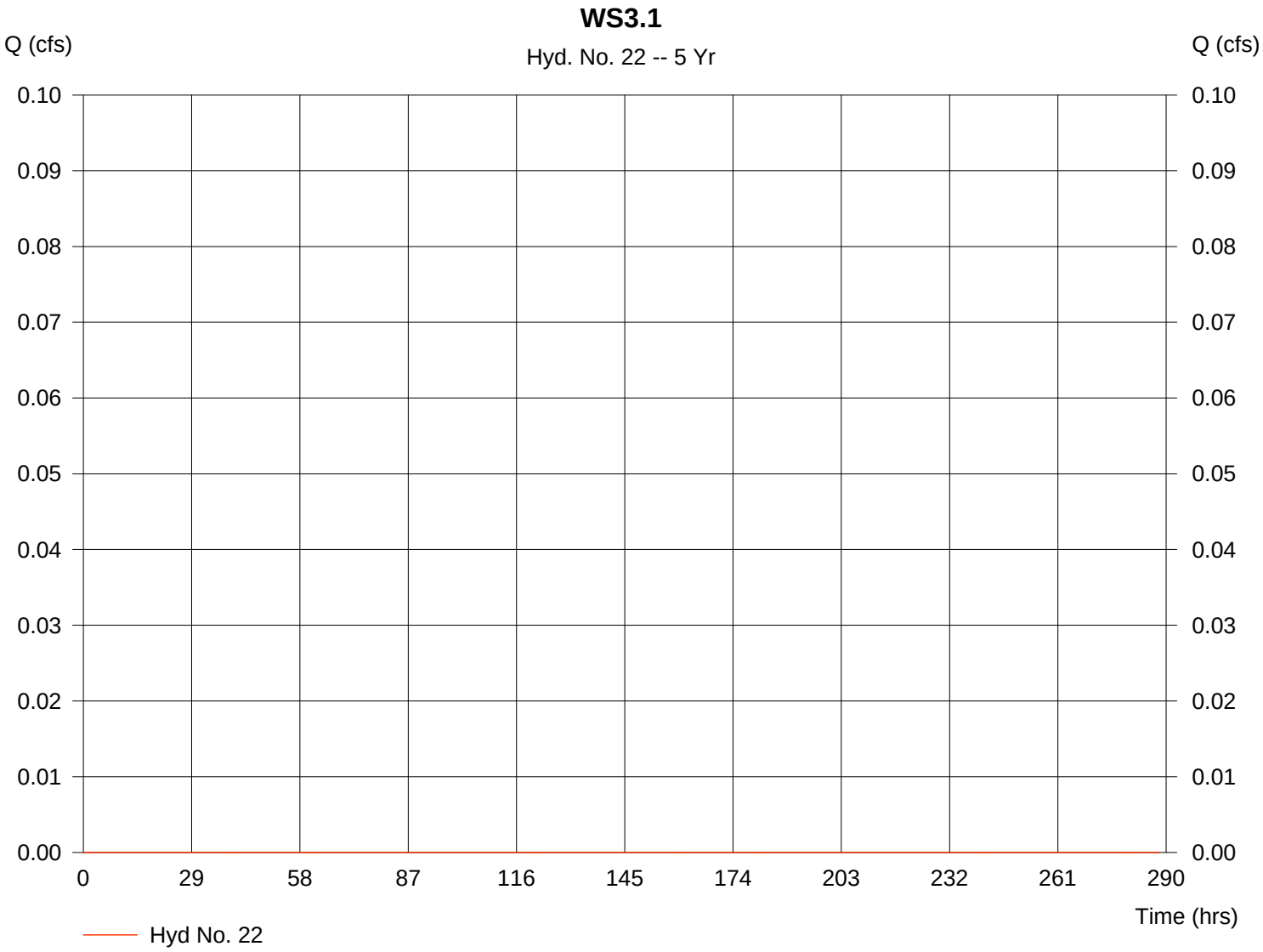
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 22

WS3.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 687.000 ac	Curve number	= 65
Basin Slope	= 24.2 %	Hydraulic length	= 7090 ft
Tc method	= LAG	Time of conc. (Tc)	= 47.20 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

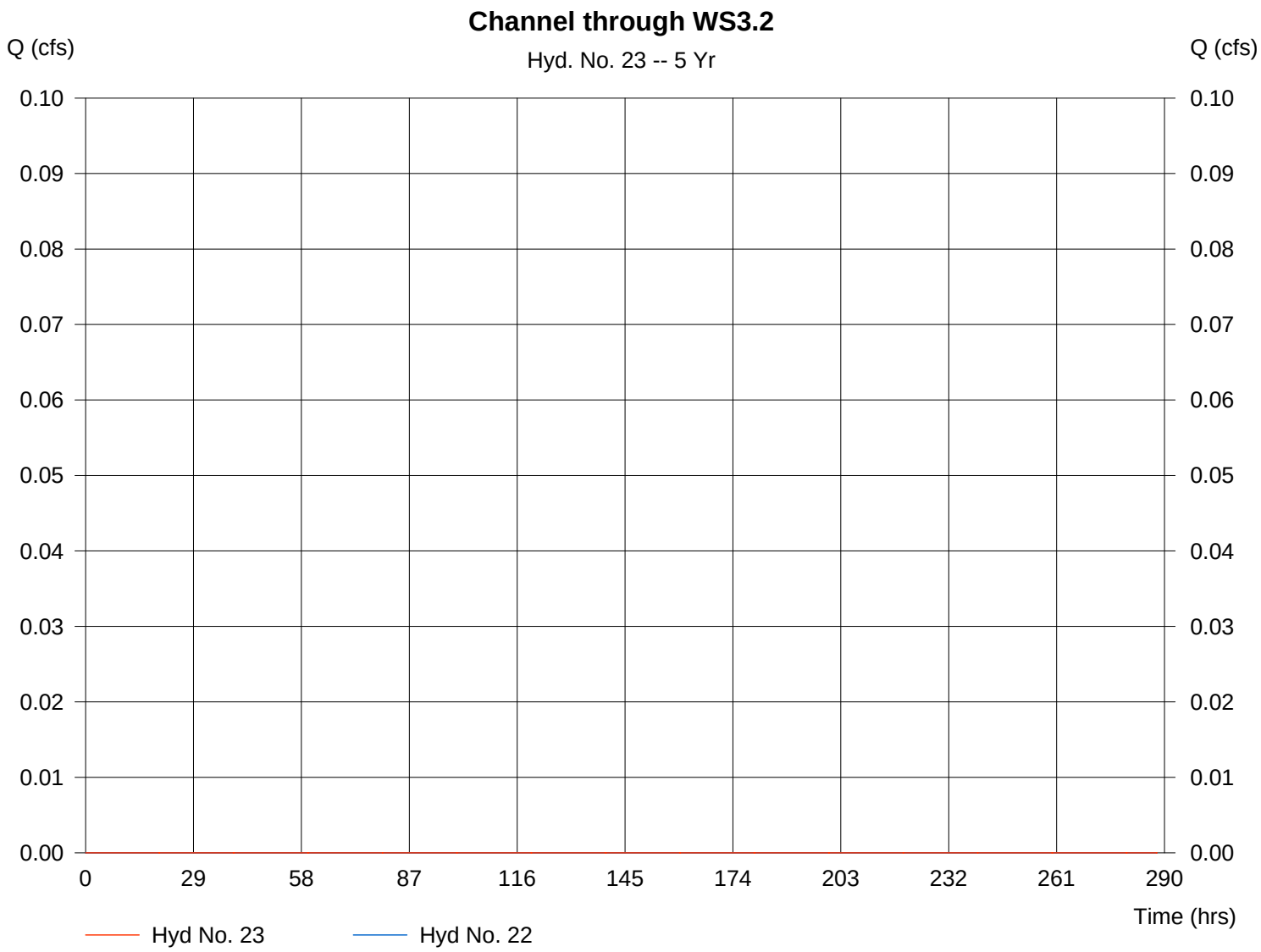
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 23

Channel through WS3.2

Hydrograph type	=	Reach	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyd. No.	=	22	Section type	=	Trapezoidal
Reach length	=	4980.0 ft	Channel slope	=	4.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.609	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.2830

Modified Att-Kin routing method used. | Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

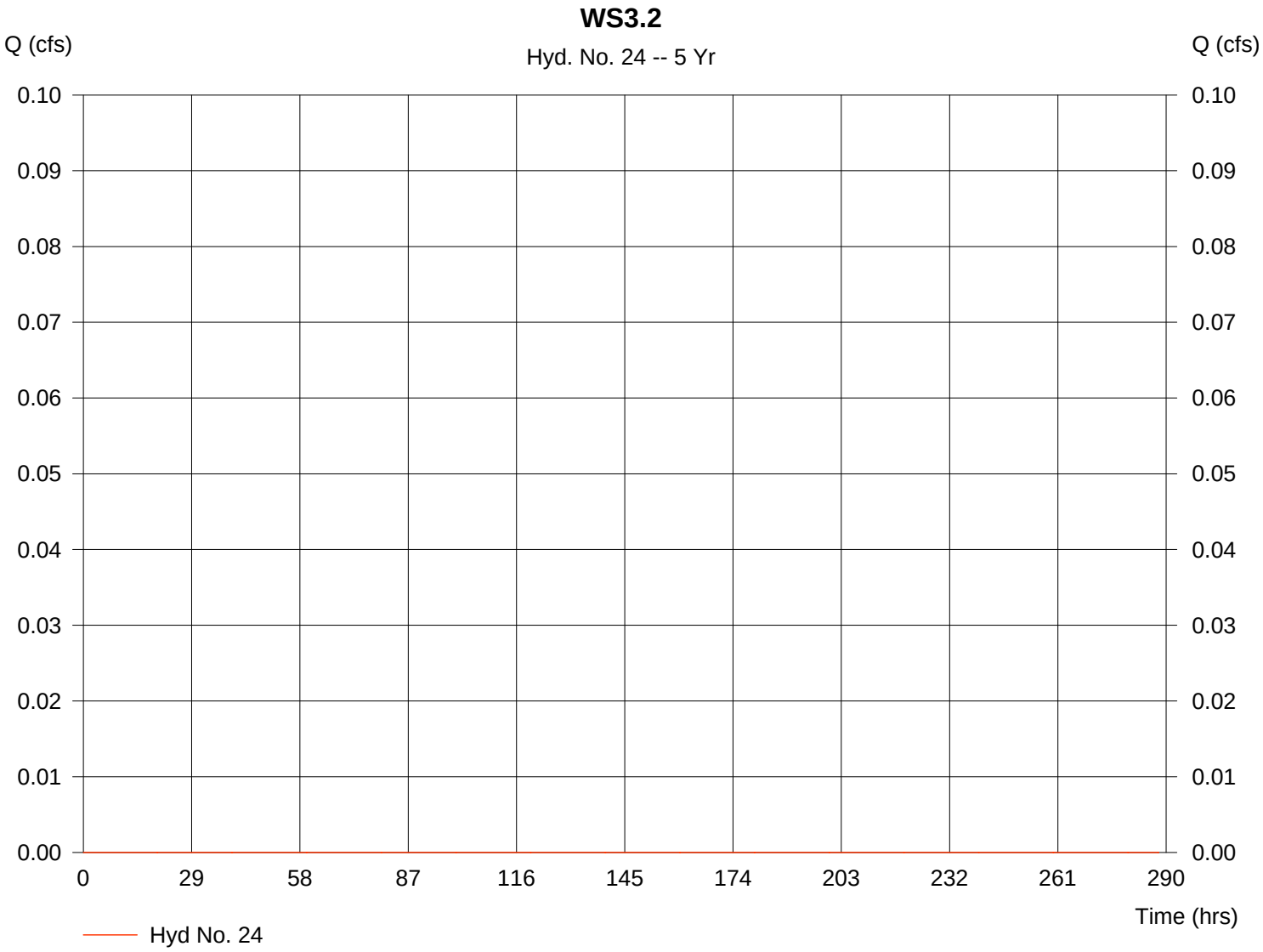
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 24

WS3.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 379.000 ac	Curve number	= 65
Basin Slope	= 4.4 %	Hydraulic length	= 4980 ft
Tc method	= LAG	Time of conc. (Tc)	= 83.30 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

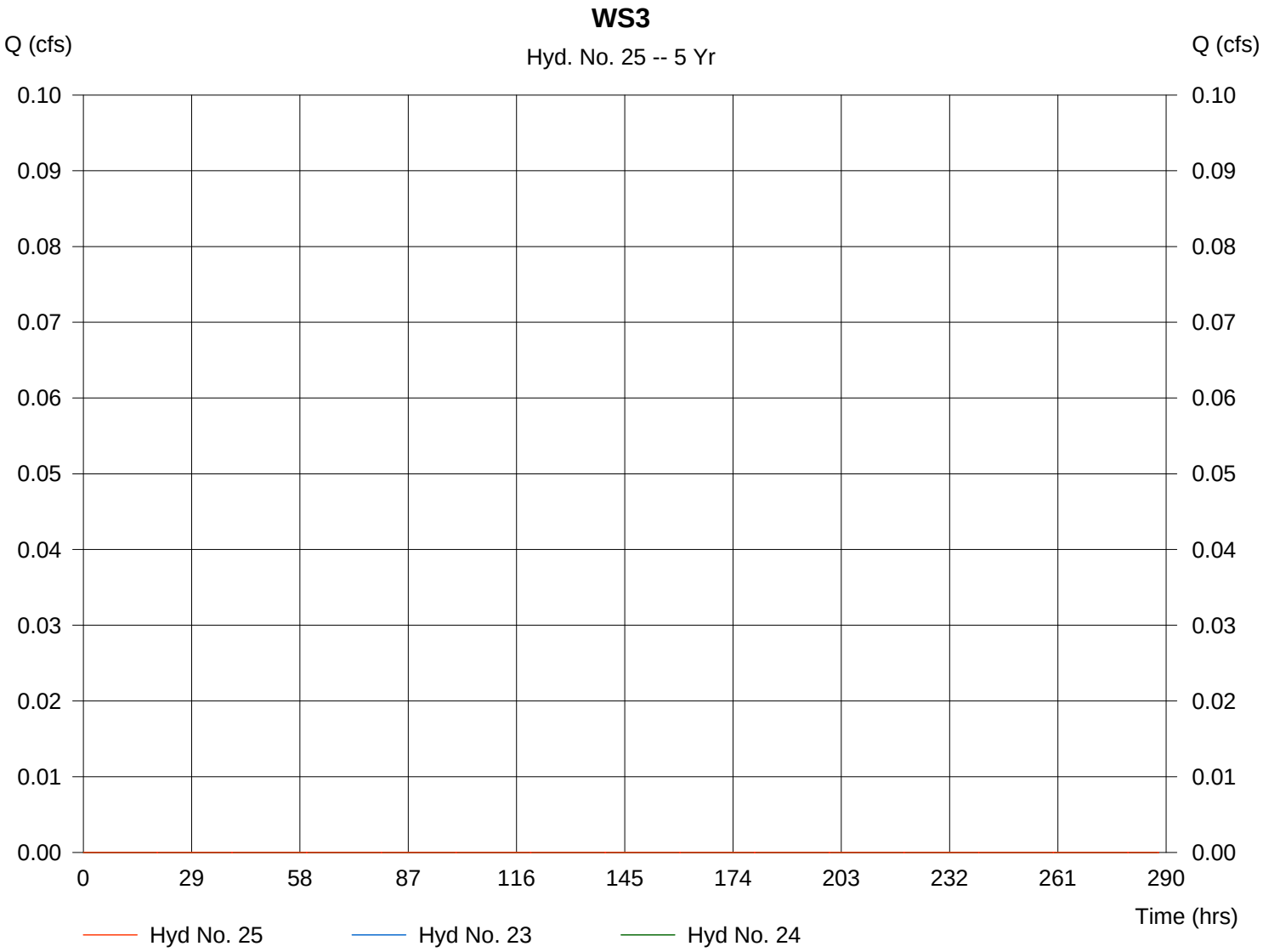
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 25

WS3

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyds.	=	23, 24			

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

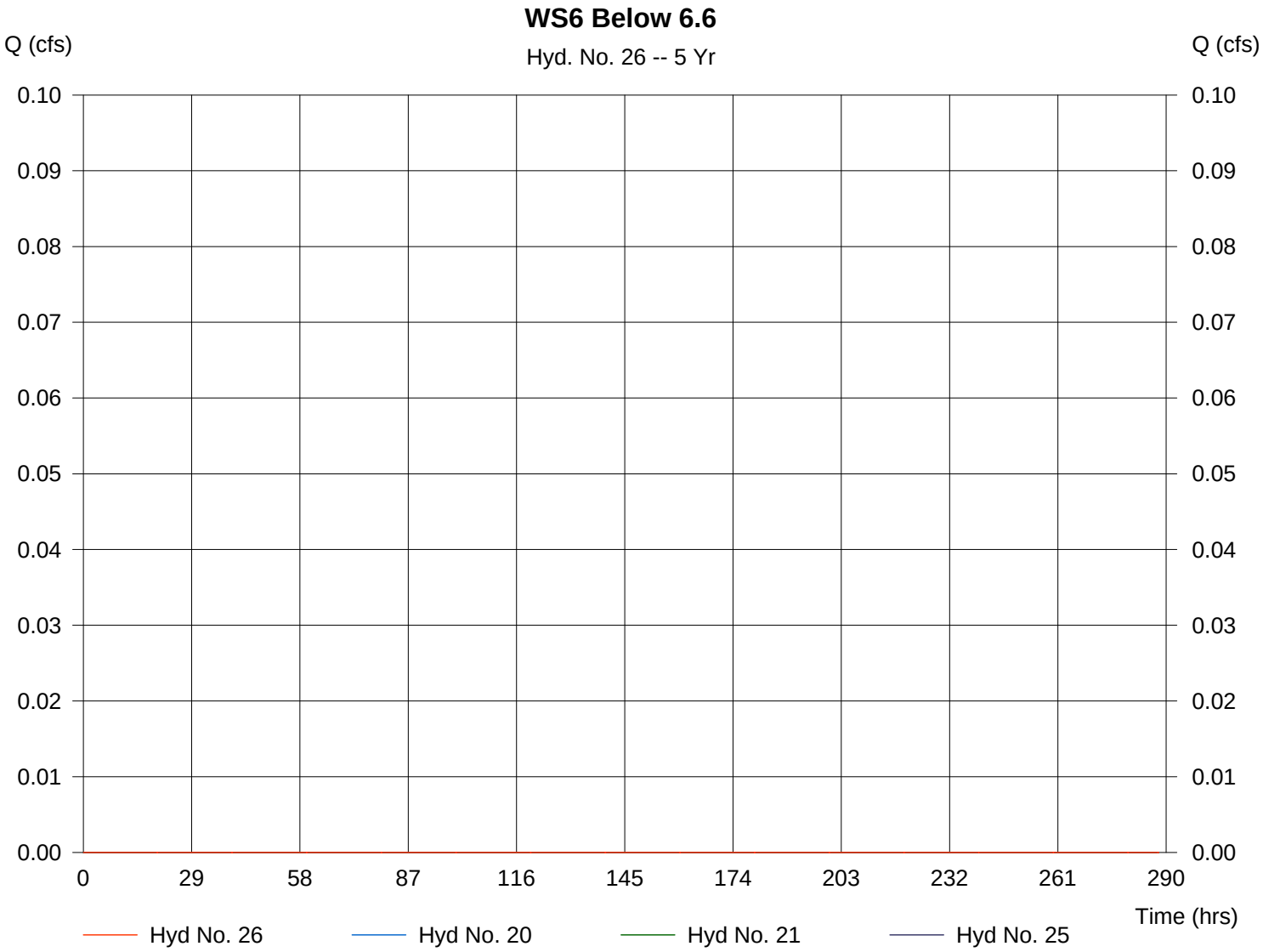
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 26

WS6 Below 6.6

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyds.	=	20, 21, 25			

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

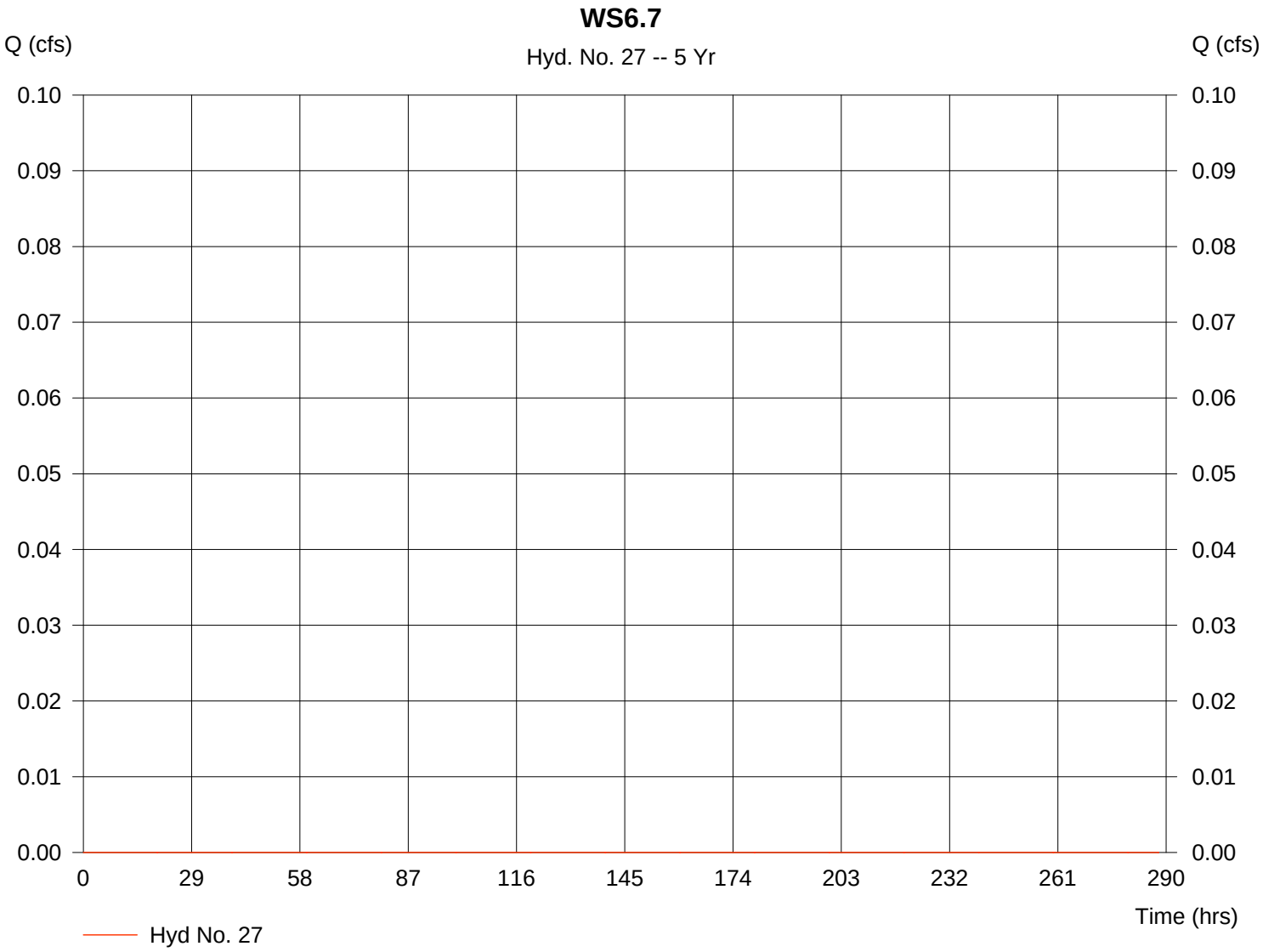
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 27

WS6.7

Hydrograph type	= SCS Runoff	Peak discharge	= 0.00 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 760.000 ac	Curve number	= 65
Basin Slope	= 2.9 %	Hydraulic length	= 10770 ft
Tc method	= LAG	Time of conc. (Tc)	= 191.30 min
Total precip.	= 1.04 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

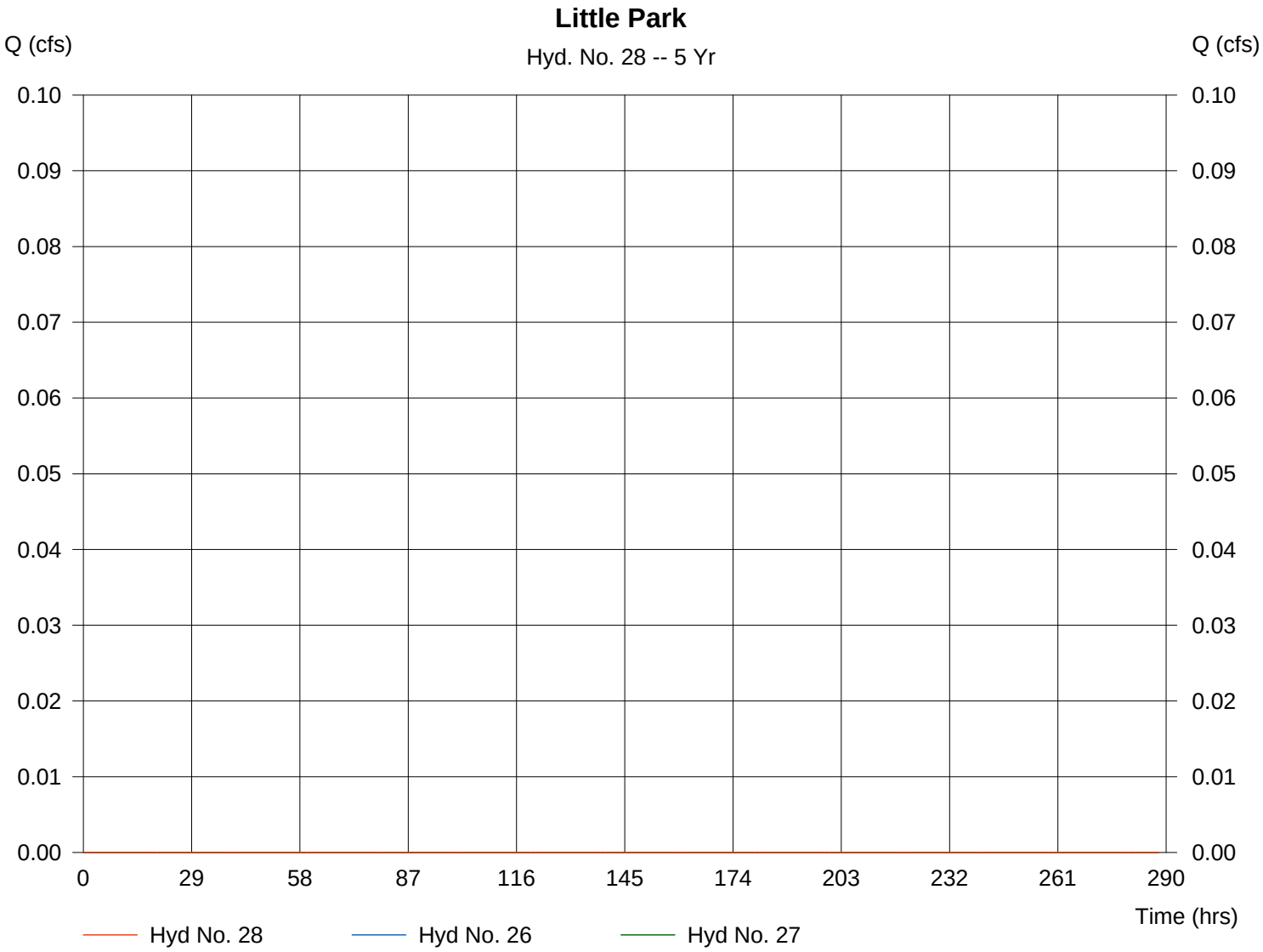
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 28

Little Park

Hydrograph type	=	Combine	Peak discharge	=	0.00 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyds.	=	26, 27			

Hydrograph Volume = 0 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

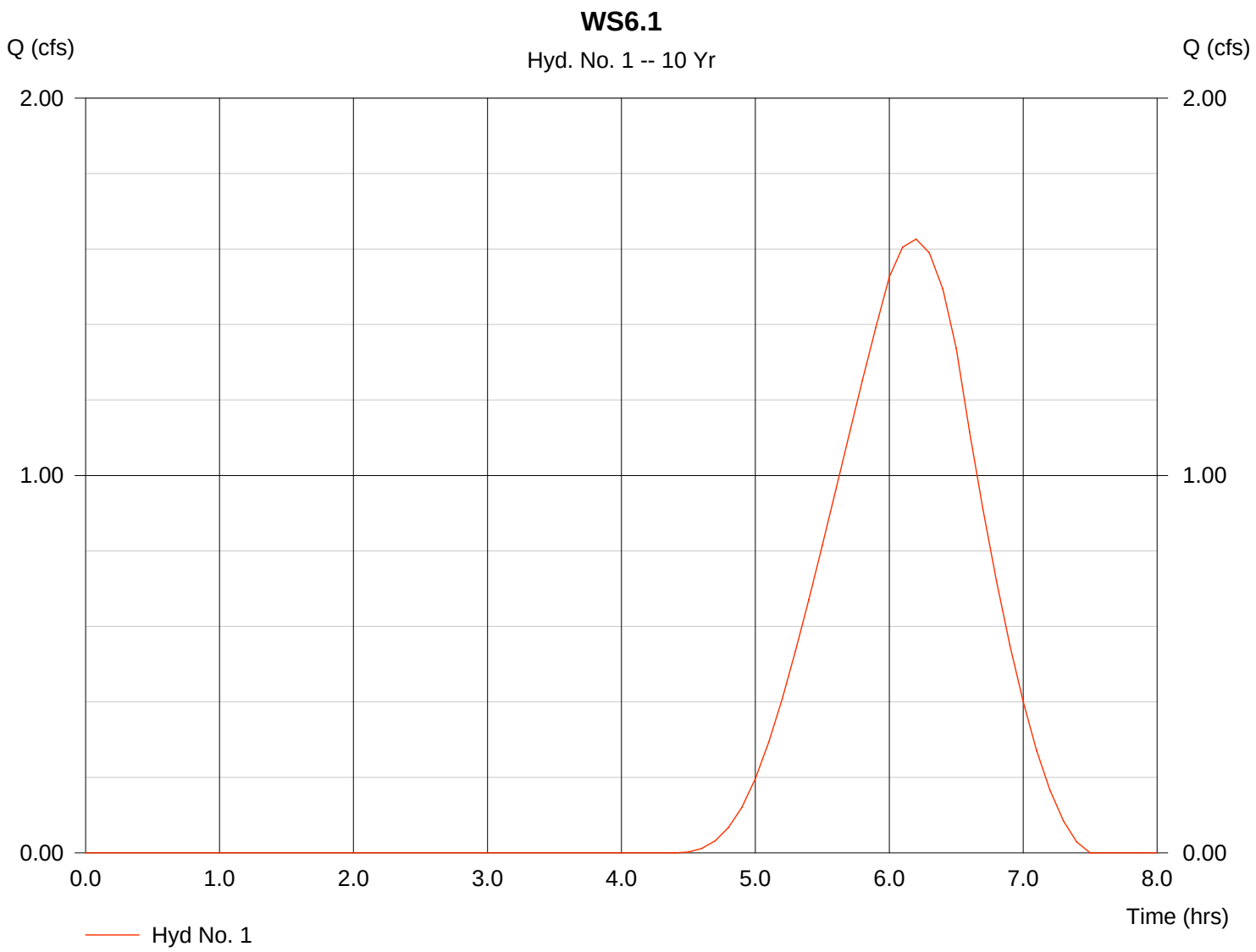
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 1

WS6.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.63 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	499.000 ac	Curve number	=	65
Basin Slope	=	20.8 %	Hydraulic length	=	7930 ft
Tc method	=	LAG	Time of conc. (Tc)	=	55.70 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 7,665 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

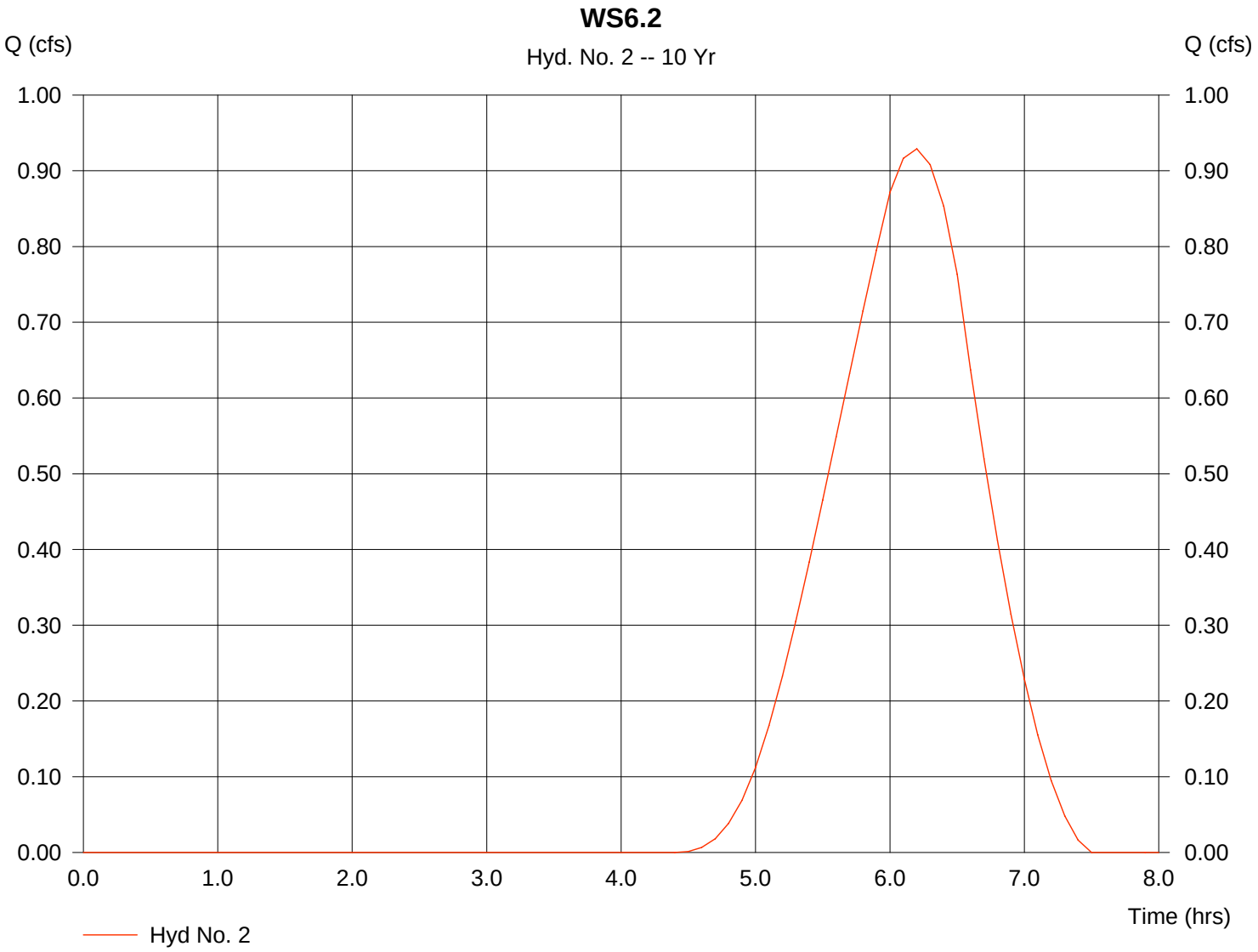
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 2

WS6.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.93 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	285.000 ac	Curve number	=	65
Basin Slope	=	19.3 %	Hydraulic length	=	6790 ft
Tc method	=	LAG	Time of conc. (Tc)	=	51.10 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 4,378 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

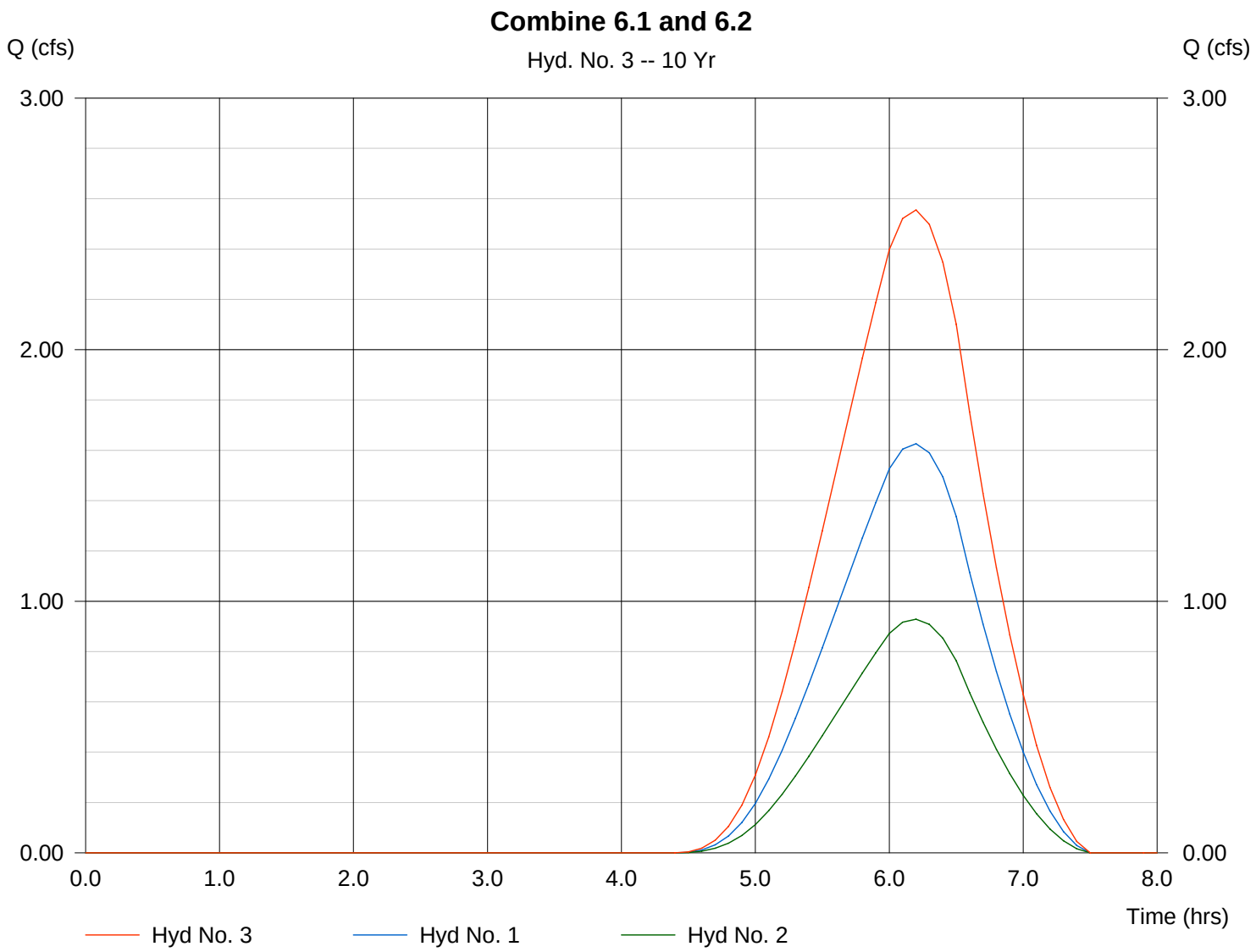
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 3

Combine 6.1 and 6.2

Hydrograph type	=	Combine	Peak discharge	=	2.56 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	1, 2			

Hydrograph Volume = 12,042 cuft



Hydrograph Plot

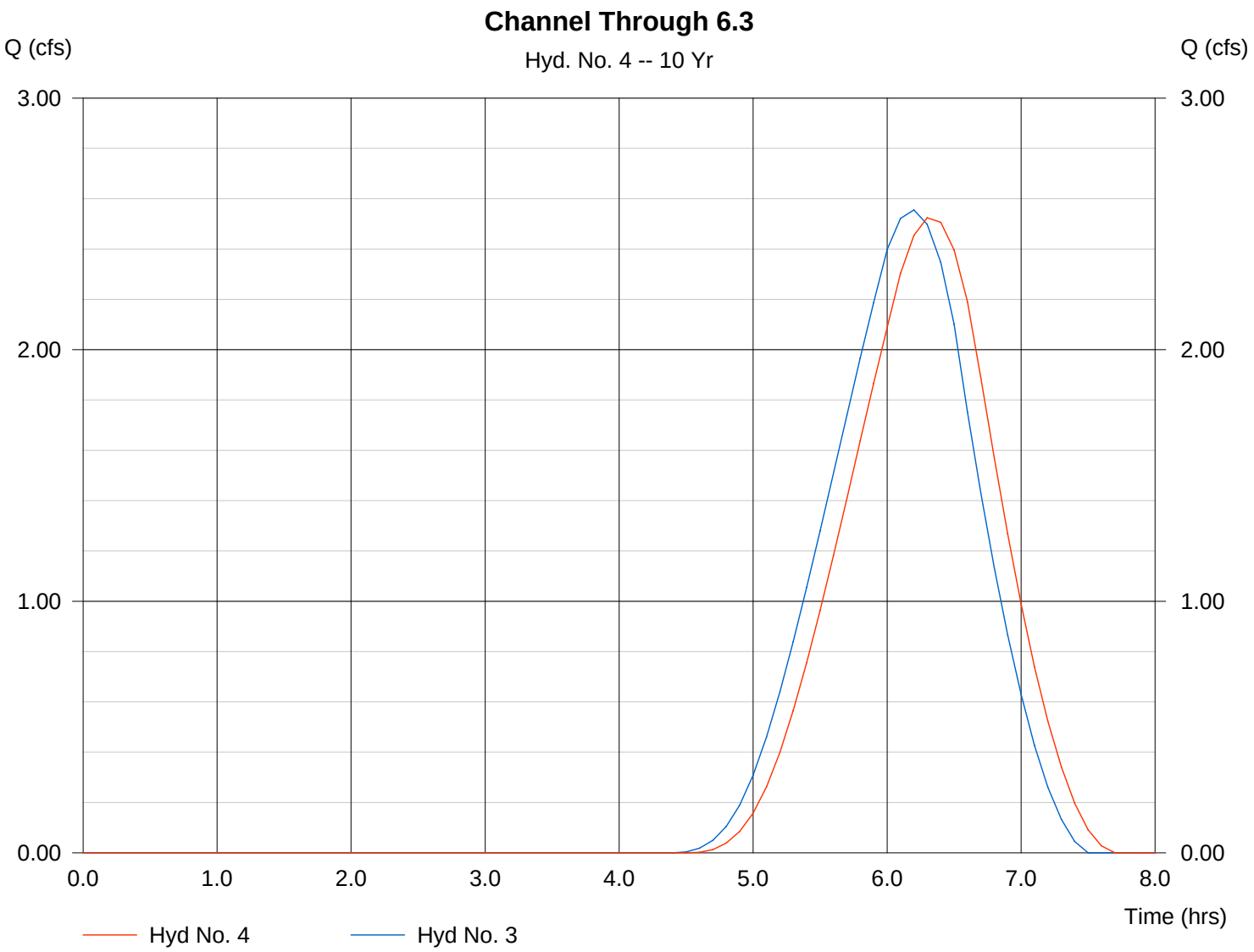
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 4

Channel Through 6.3

Hydrograph type	=	Reach	Peak discharge	=	2.52 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyd. No.	=	3	Section type	=	Trapezoidal
Reach length	=	2170.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.528	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.6927

Modified Att-Kin routing method used. | Hydrograph Volume = 12,038 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

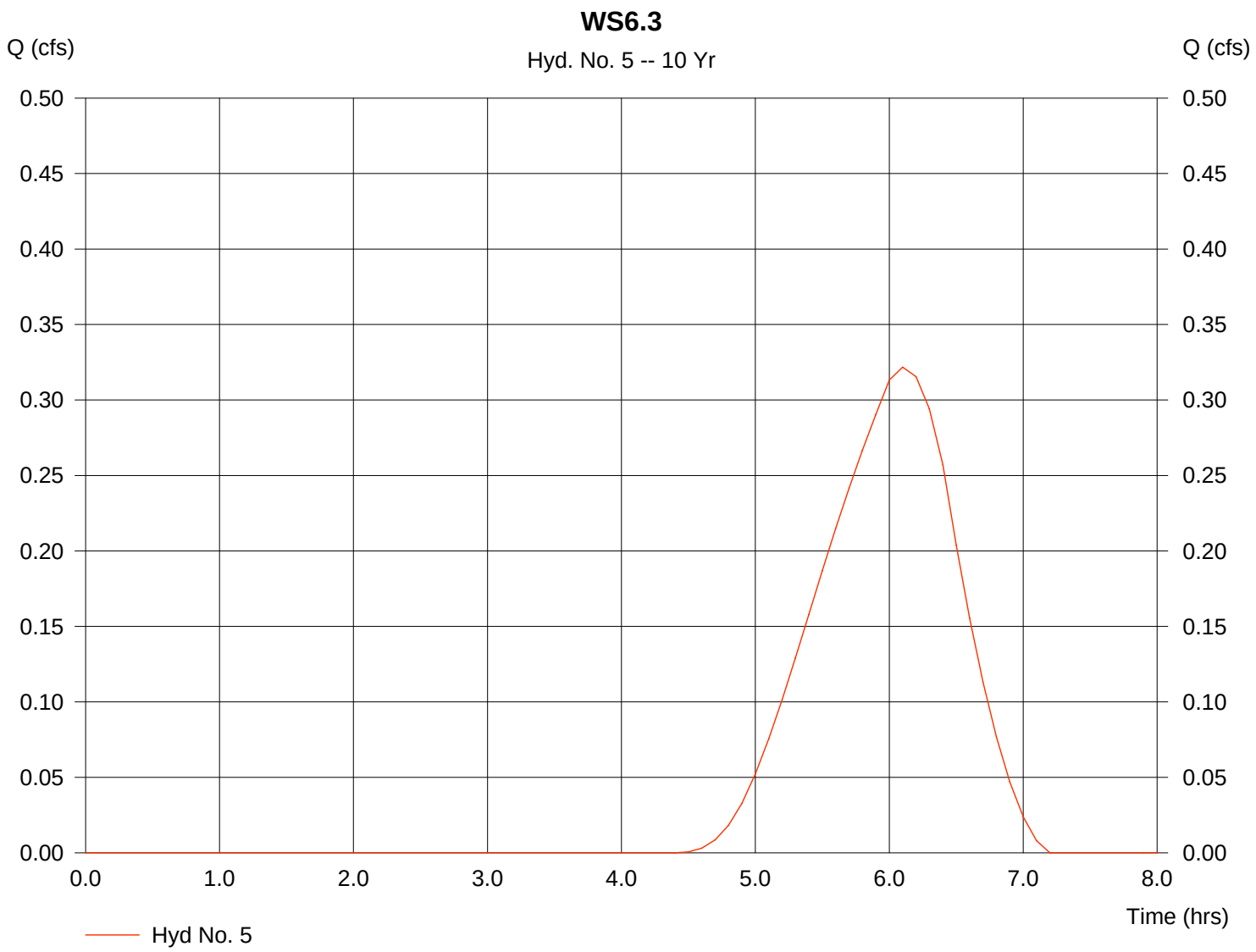
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 5

WS6.3

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.32 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	94.000 ac	Curve number	=	65
Basin Slope	=	4.2 %	Hydraulic length	=	2170 ft
Tc method	=	LAG	Time of conc. (Tc)	=	44.20 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 1,408 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

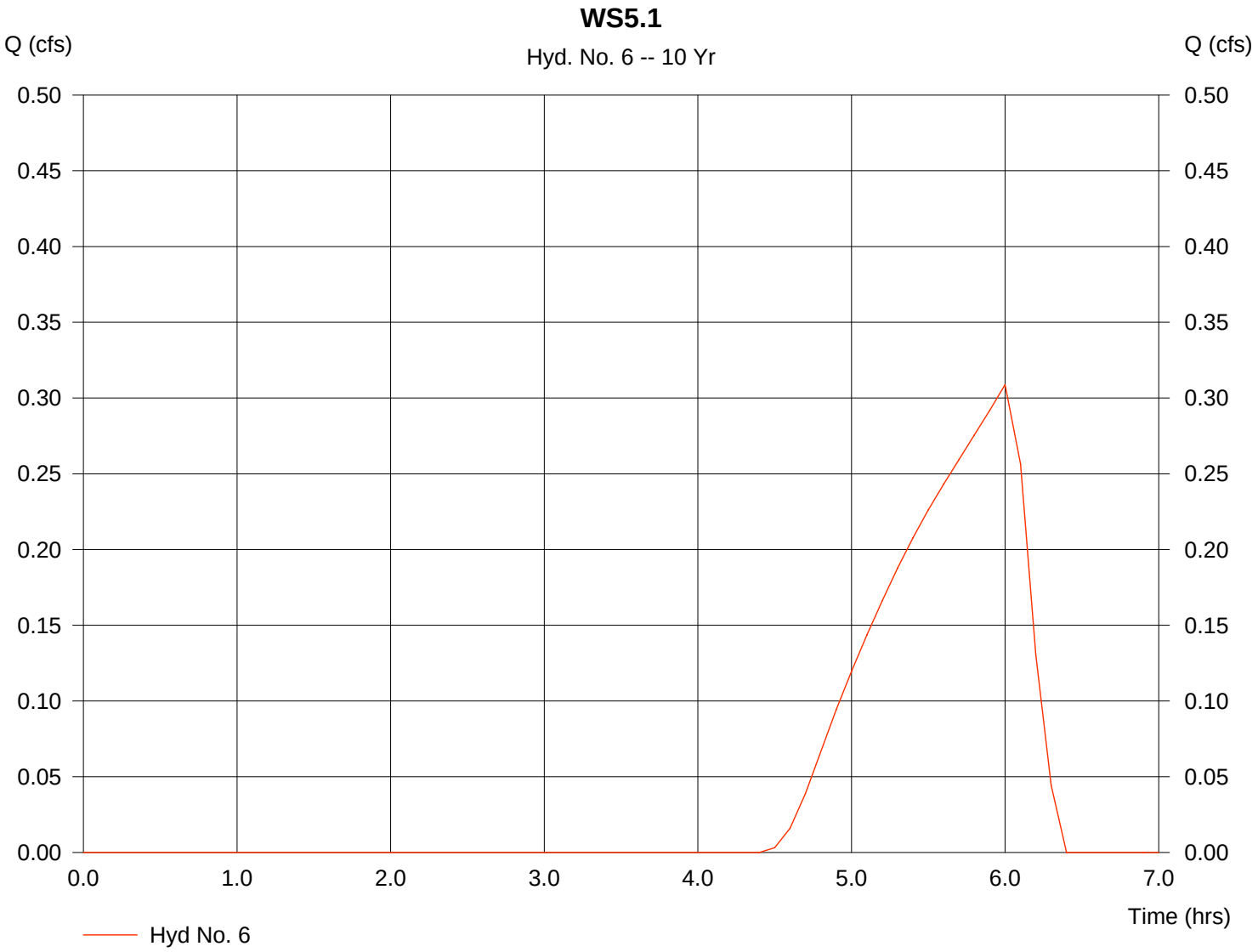
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 6

WS5.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.31 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	77.000 ac	Curve number	=	65
Basin Slope	=	44.8 %	Hydraulic length	=	2230 ft
Tc method	=	LAG	Time of conc. (Tc)	=	13.70 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 1,109 cuft



Hydrograph Plot

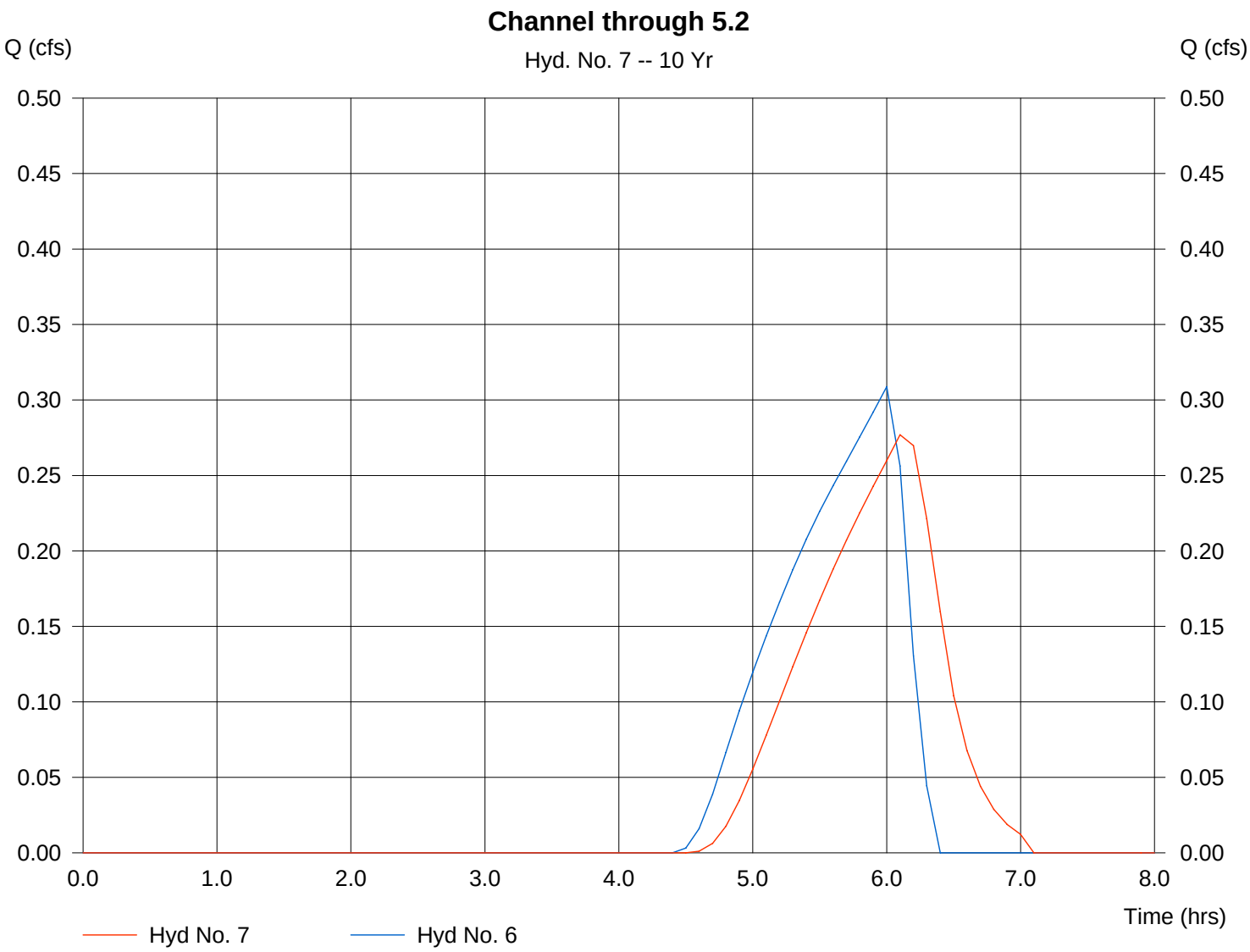
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 7

Channel through 5.2

Hydrograph type	=	Reach	Peak discharge	=	0.28 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyd. No.	=	6	Section type	=	Trapezoidal
Reach length	=	4550.0 ft	Channel slope	=	13.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	4.506	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.3482

Modified Att-Kin routing method used. | Hydrograph Volume = 1,101 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

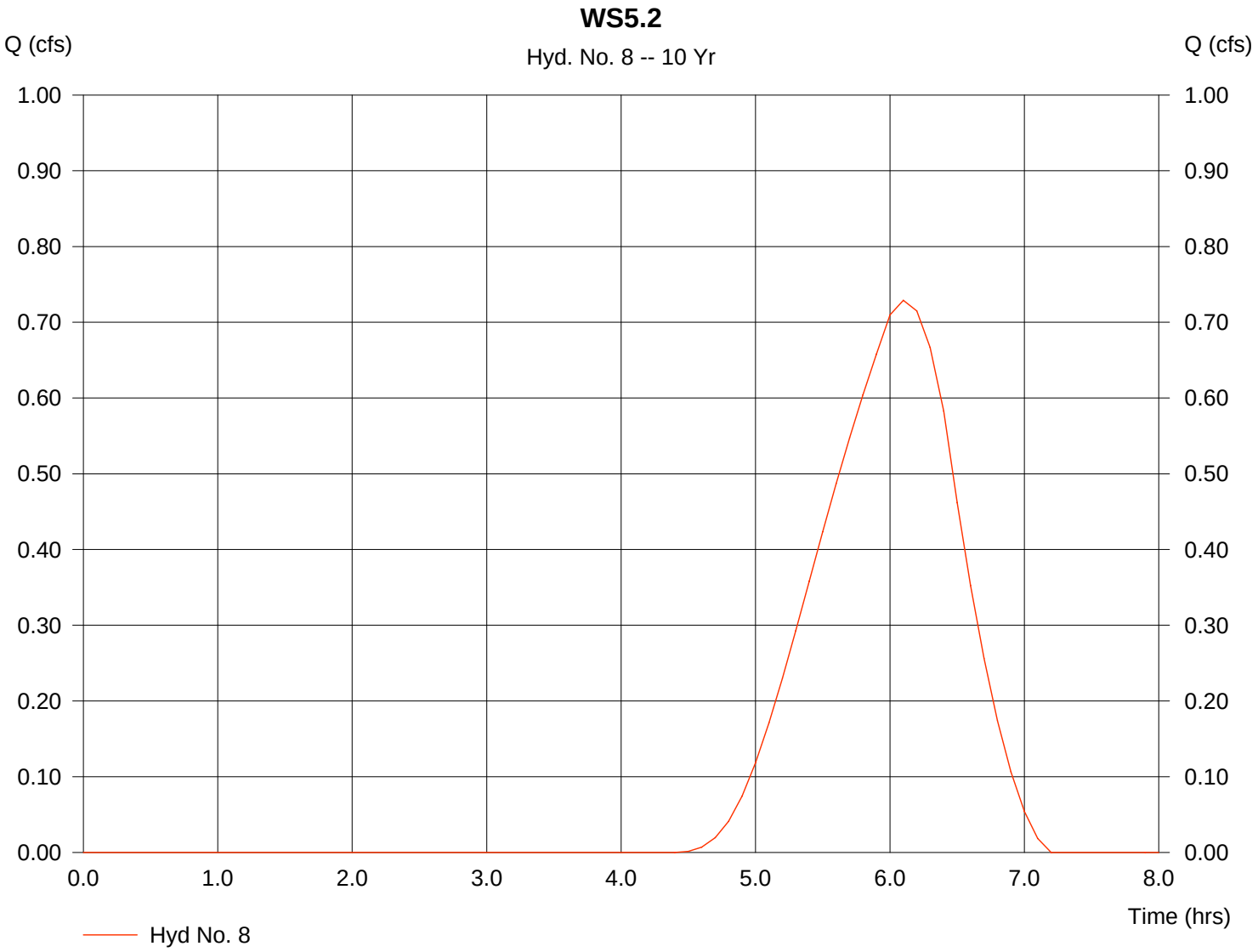
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 8

WS5.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.73 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	213.000 ac	Curve number	=	65
Basin Slope	=	13.2 %	Hydraulic length	=	4550 ft
Tc method	=	LAG	Time of conc. (Tc)	=	44.80 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 3,190 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

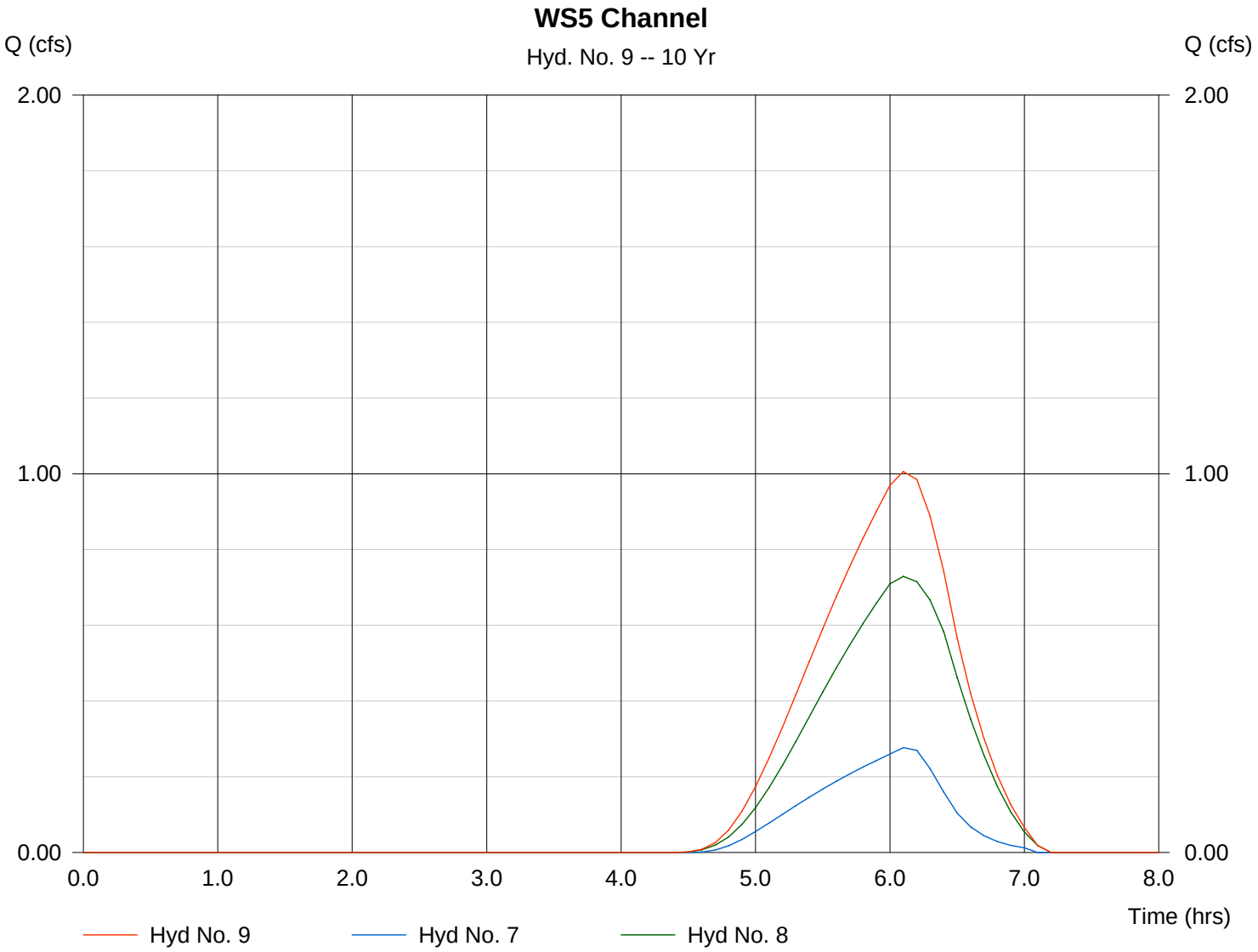
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 9

WS5 Channel

Hydrograph type	=	Combine	Peak discharge	=	1.01 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	7, 8			

Hydrograph Volume = 4,290 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

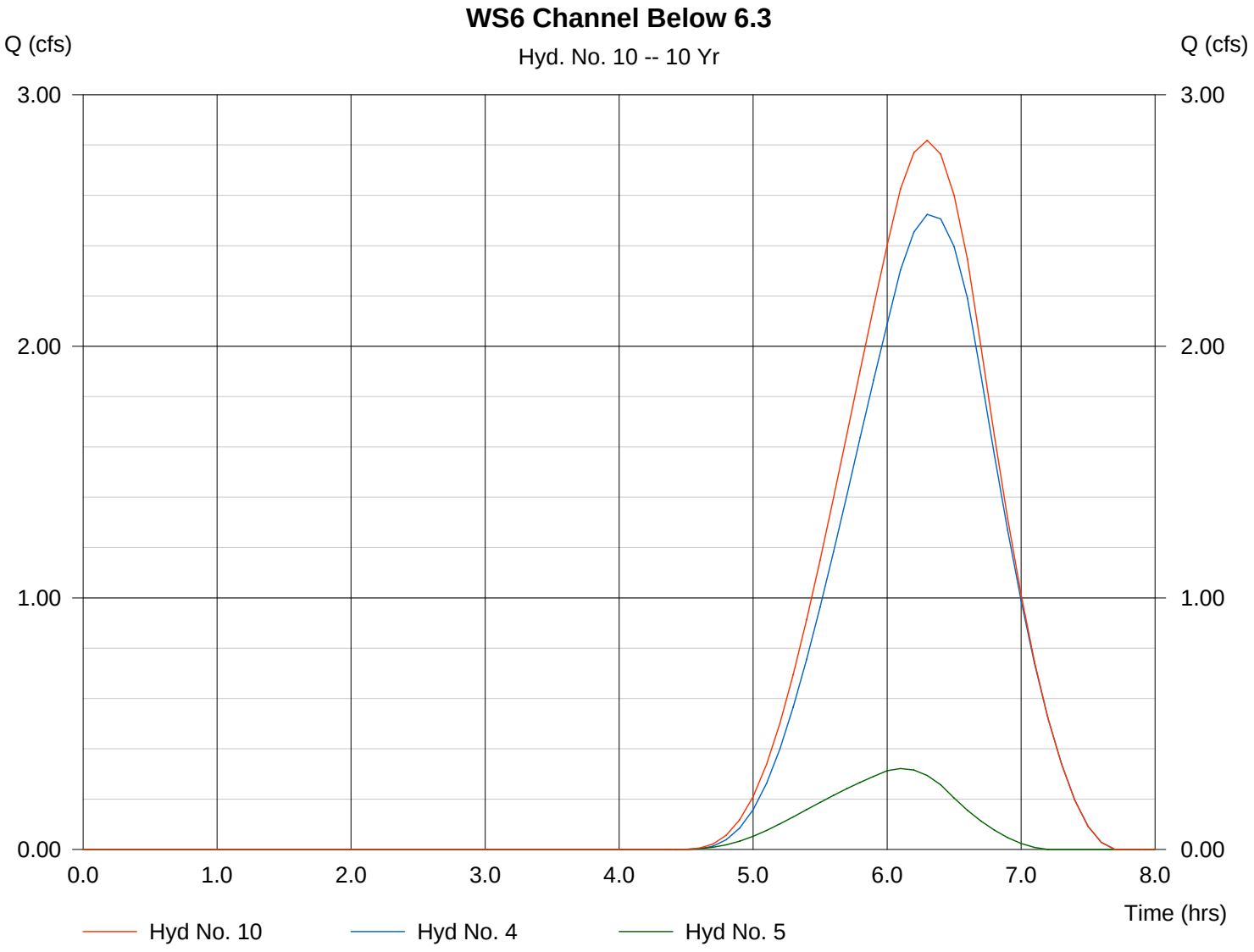
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 10

WS6 Channel Below 6.3

Hydrograph type	=	Combine	Peak discharge	=	2.82 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	4, 5			

Hydrograph Volume = 13,446 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

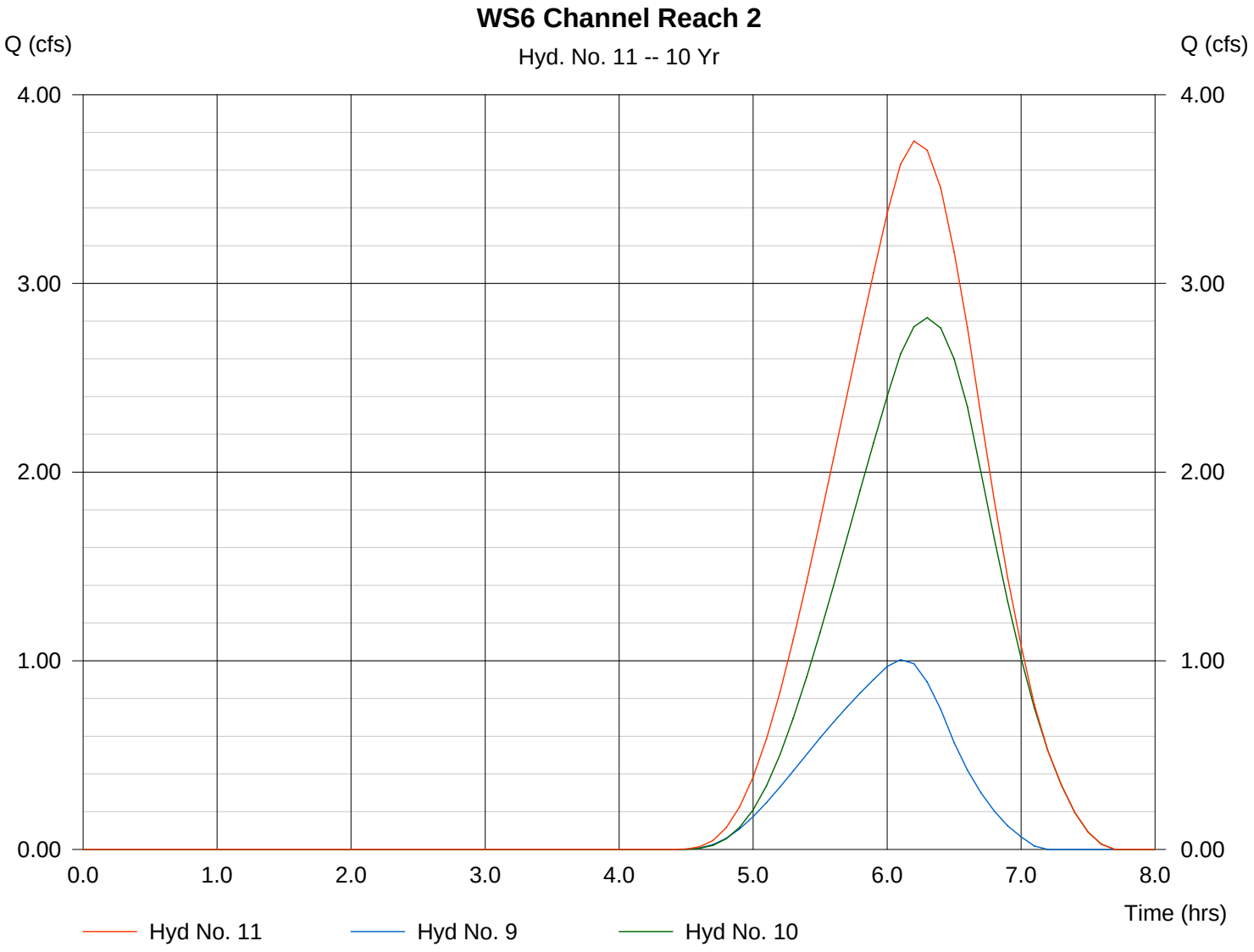
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 11

WS6 Channel Reach 2

Hydrograph type	=	Combine	Peak discharge	=	3.75 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	9, 10			

Hydrograph Volume = 17,736 cuft



Hydrograph Plot

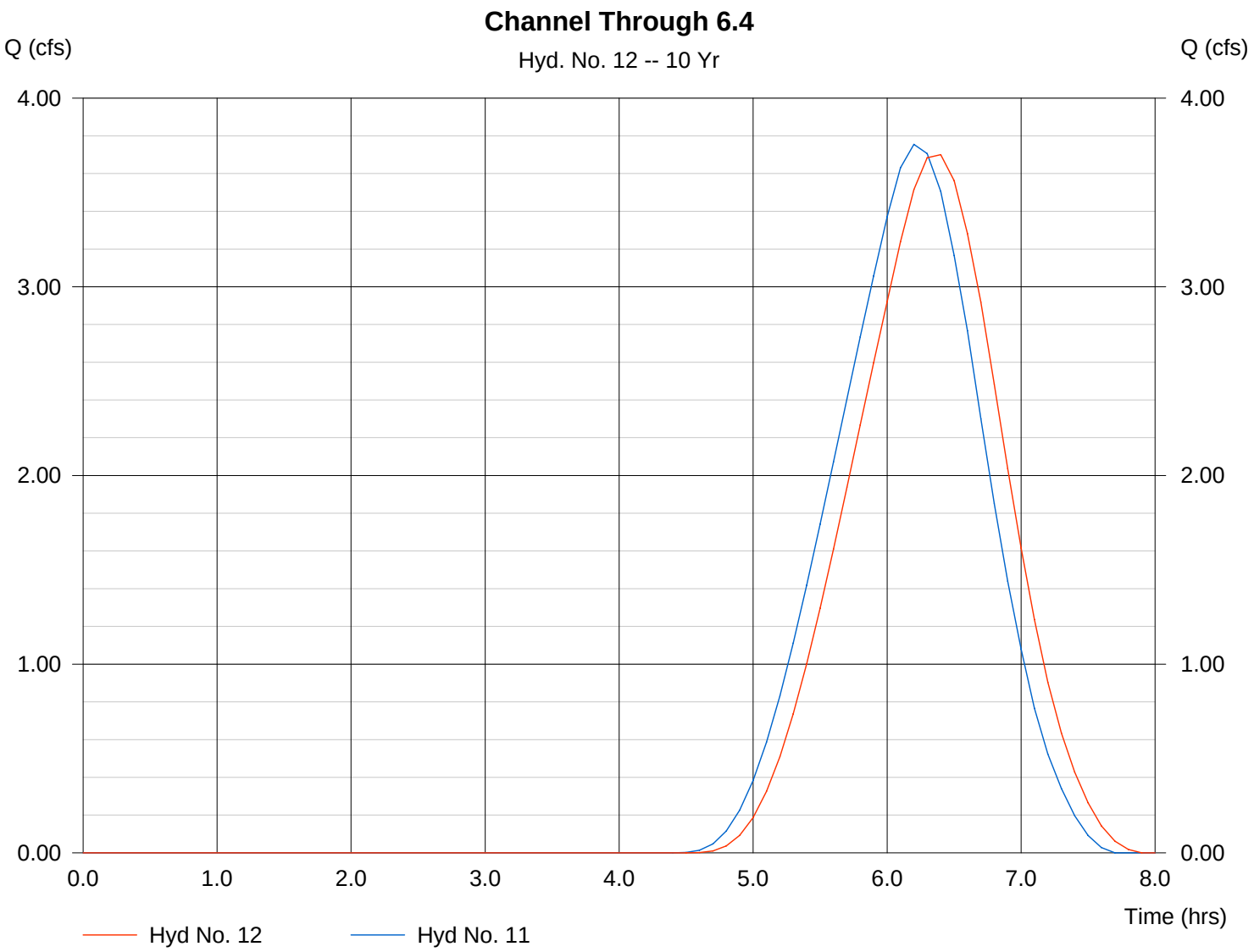
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 12

Channel Through 6.4

Hydrograph type	=	Reach	Peak discharge	=	3.70 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyd. No.	=	11	Section type	=	Trapezoidal
Reach length	=	2370.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.549	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.7059

Modified Att-Kin routing method used. | Hydrograph Volume = 17,733 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

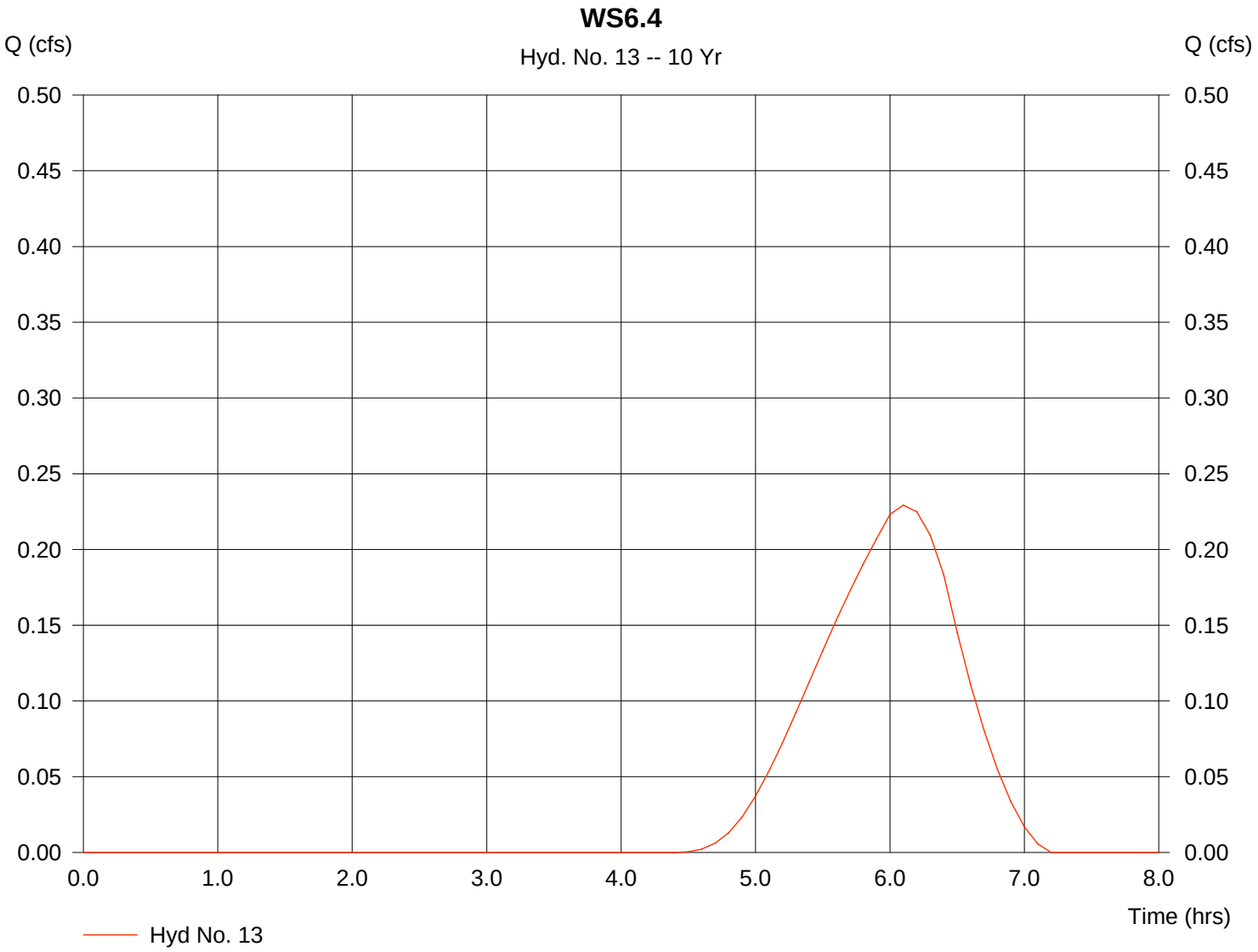
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 13

WS6.4

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.23 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	67.000 ac	Curve number	=	65
Basin Slope	=	4.2 %	Hydraulic length	=	2370 ft
Tc method	=	LAG	Time of conc. (Tc)	=	47.00 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 1,003 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

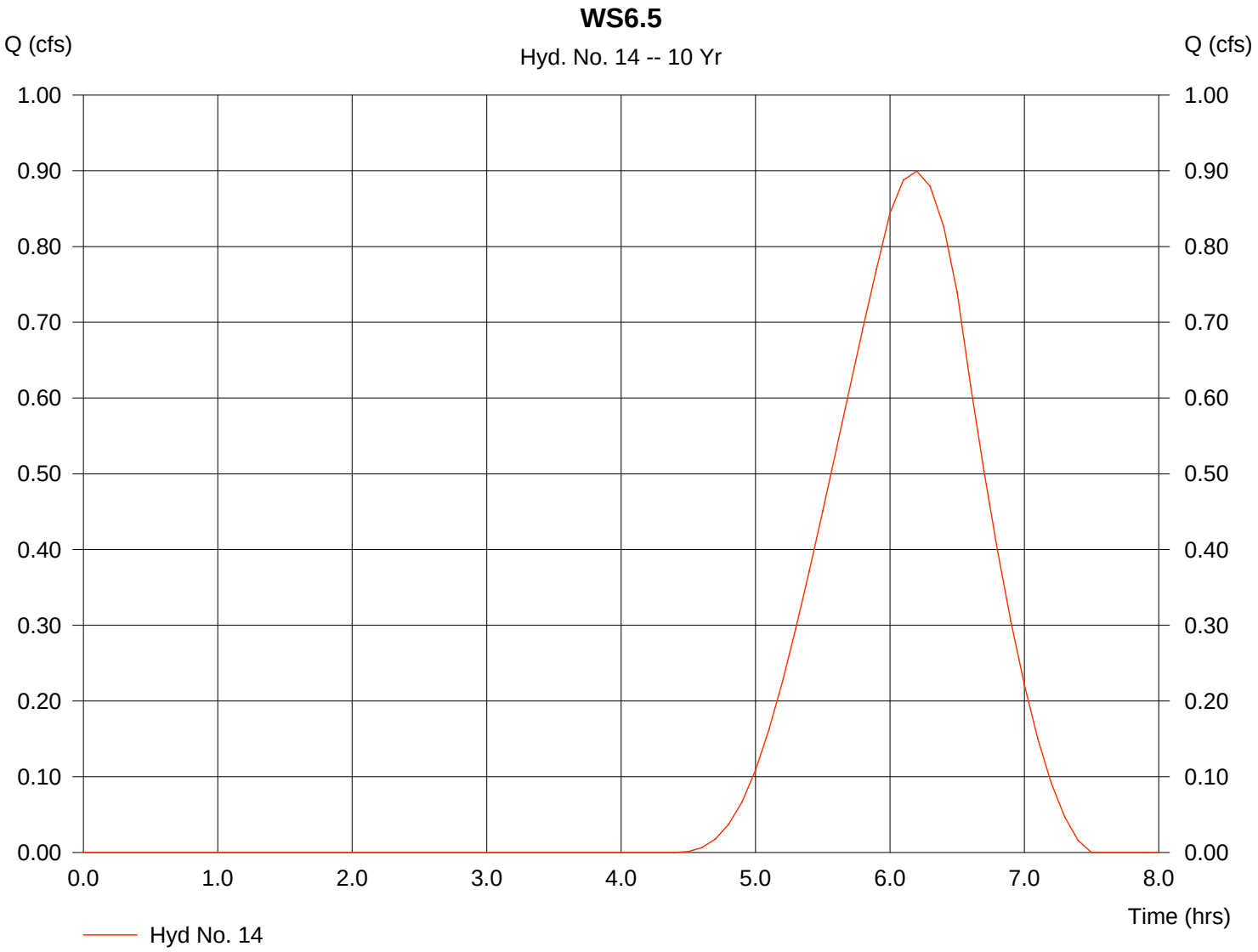
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 14

WS6.5

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.90 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	276.000 ac	Curve number	=	65
Basin Slope	=	17.5 %	Hydraulic length	=	6770 ft
Tc method	=	LAG	Time of conc. (Tc)	=	53.50 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 4,239 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

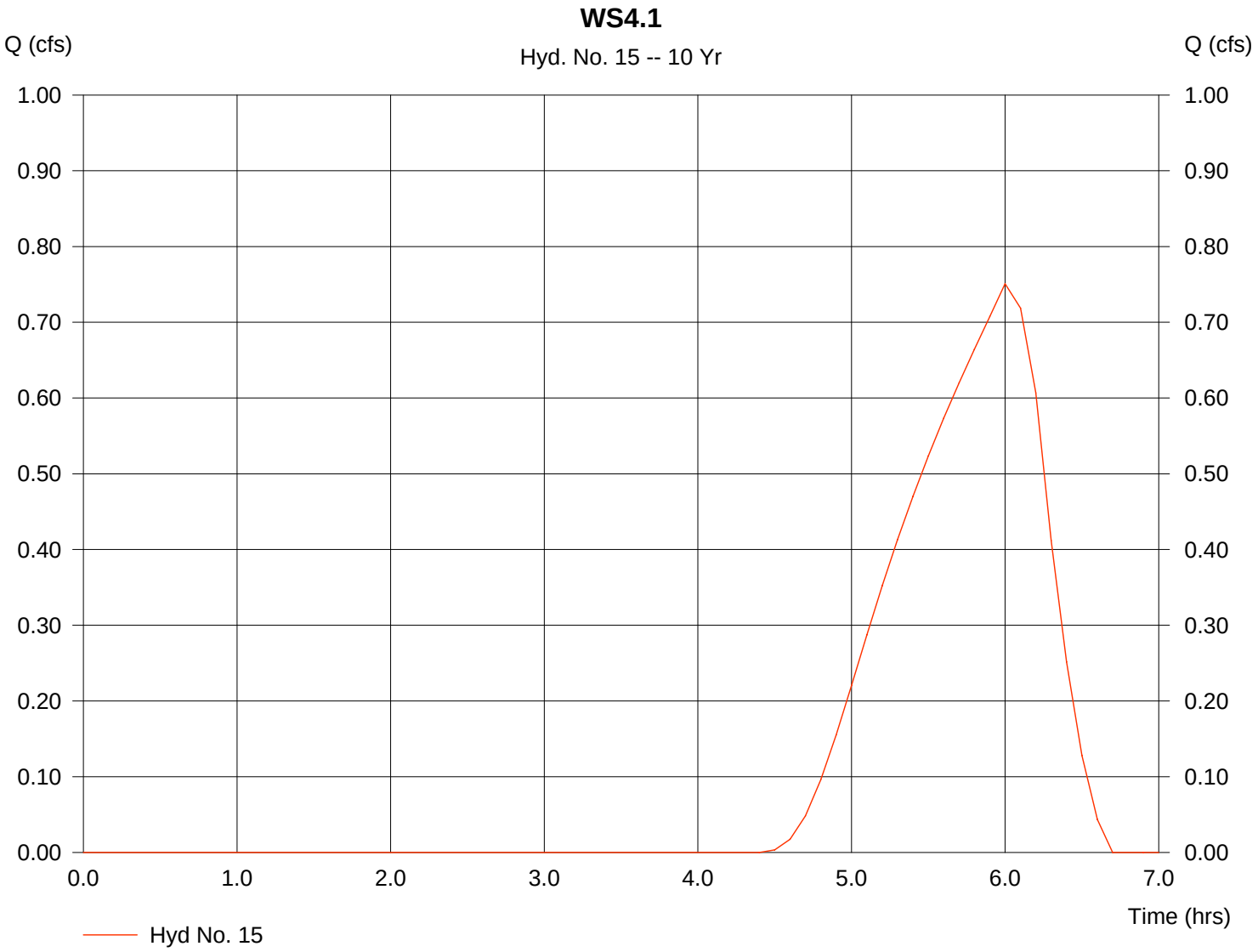
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 15

WS4.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.75 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	189.000 ac	Curve number	=	65
Basin Slope	=	31.3 %	Hydraulic length	=	3850 ft
Tc method	=	LAG	Time of conc. (Tc)	=	25.40 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 2,903 cuft



Hydrograph Plot

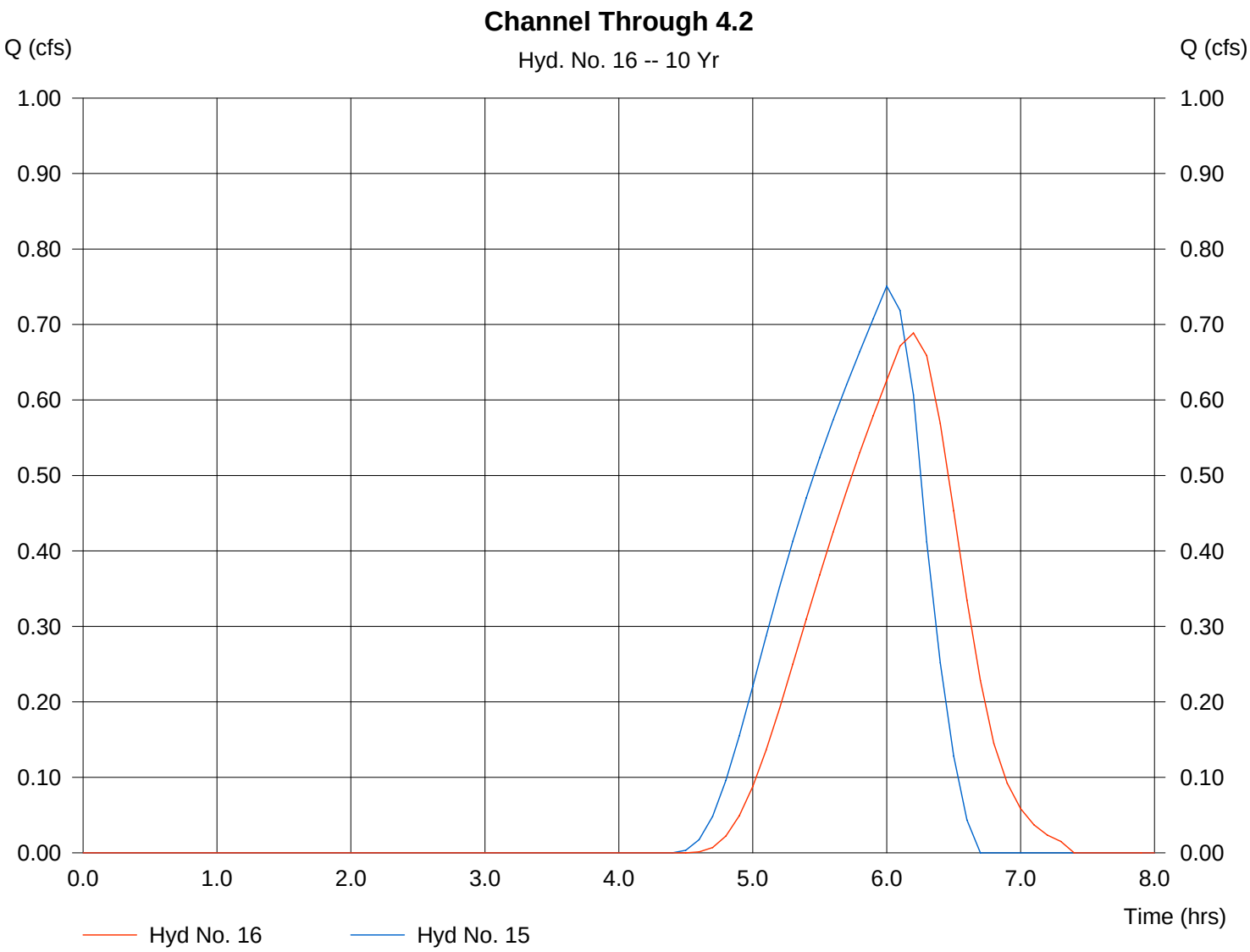
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 16

Channel Through 4.2

Hydrograph type	=	Reach	Peak discharge	=	0.69 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyd. No.	=	15	Section type	=	Trapezoidal
Reach length	=	5010.0 ft	Channel slope	=	10.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	3.998	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.3648

Modified Att-Kin routing method used. | Hydrograph Volume = 2,894 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

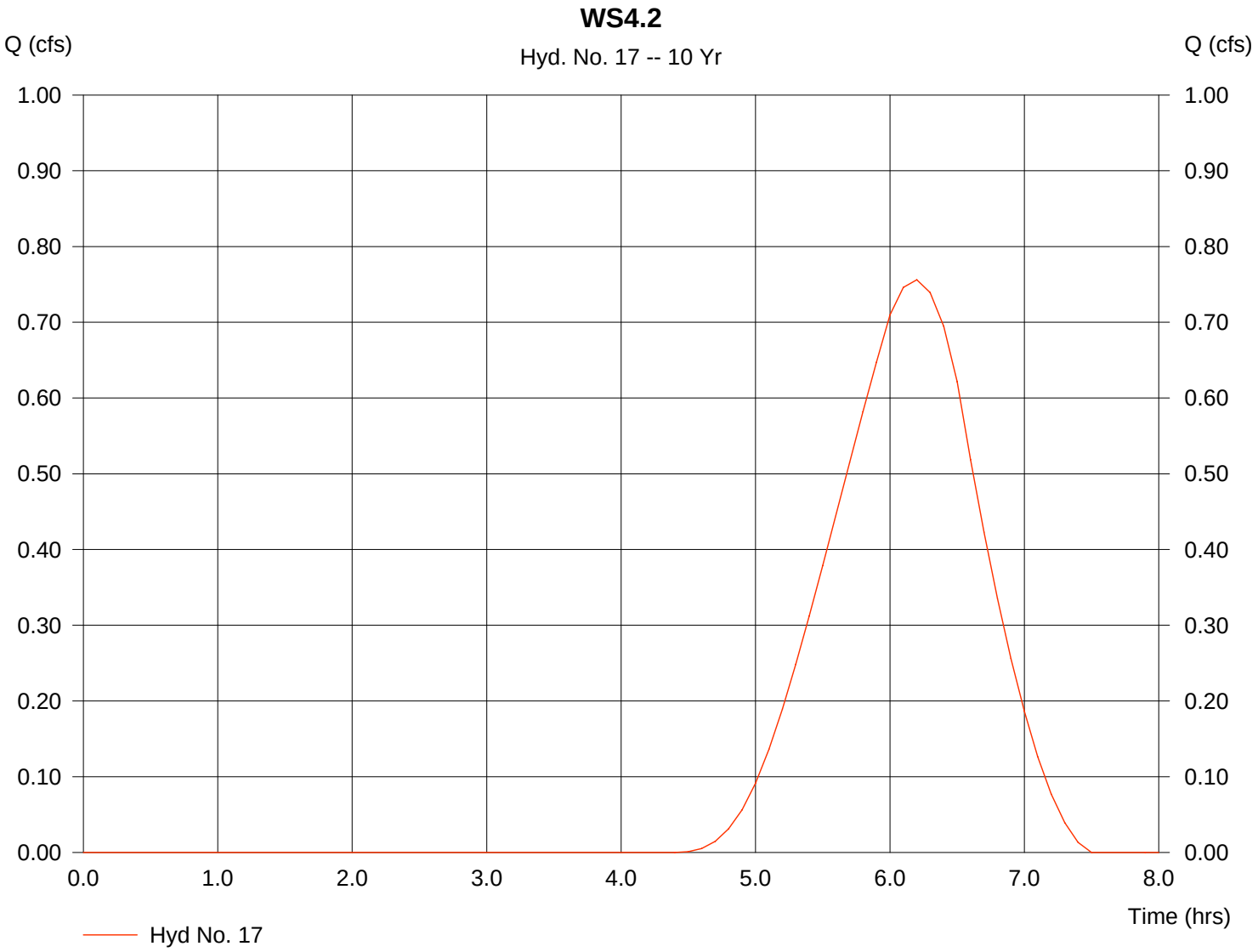
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 17

WS4.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.76 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	232.000 ac	Curve number	=	65
Basin Slope	=	10.4 %	Hydraulic length	=	5010 ft
Tc method	=	LAG	Time of conc. (Tc)	=	54.60 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 3,564 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

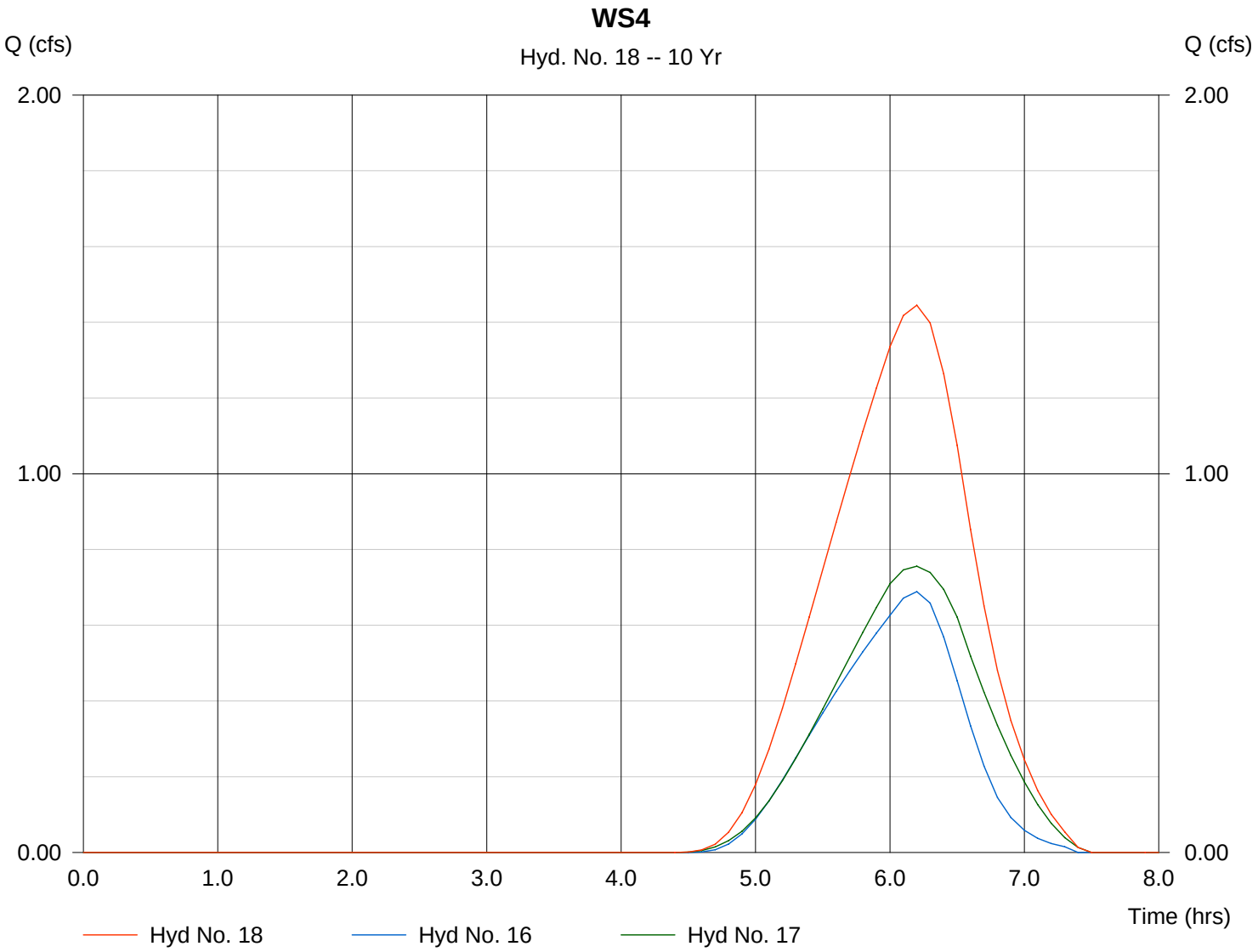
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 18

WS4

Hydrograph type	=	Combine	Peak discharge	=	1.44 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	16, 17			

Hydrograph Volume = 6,457 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

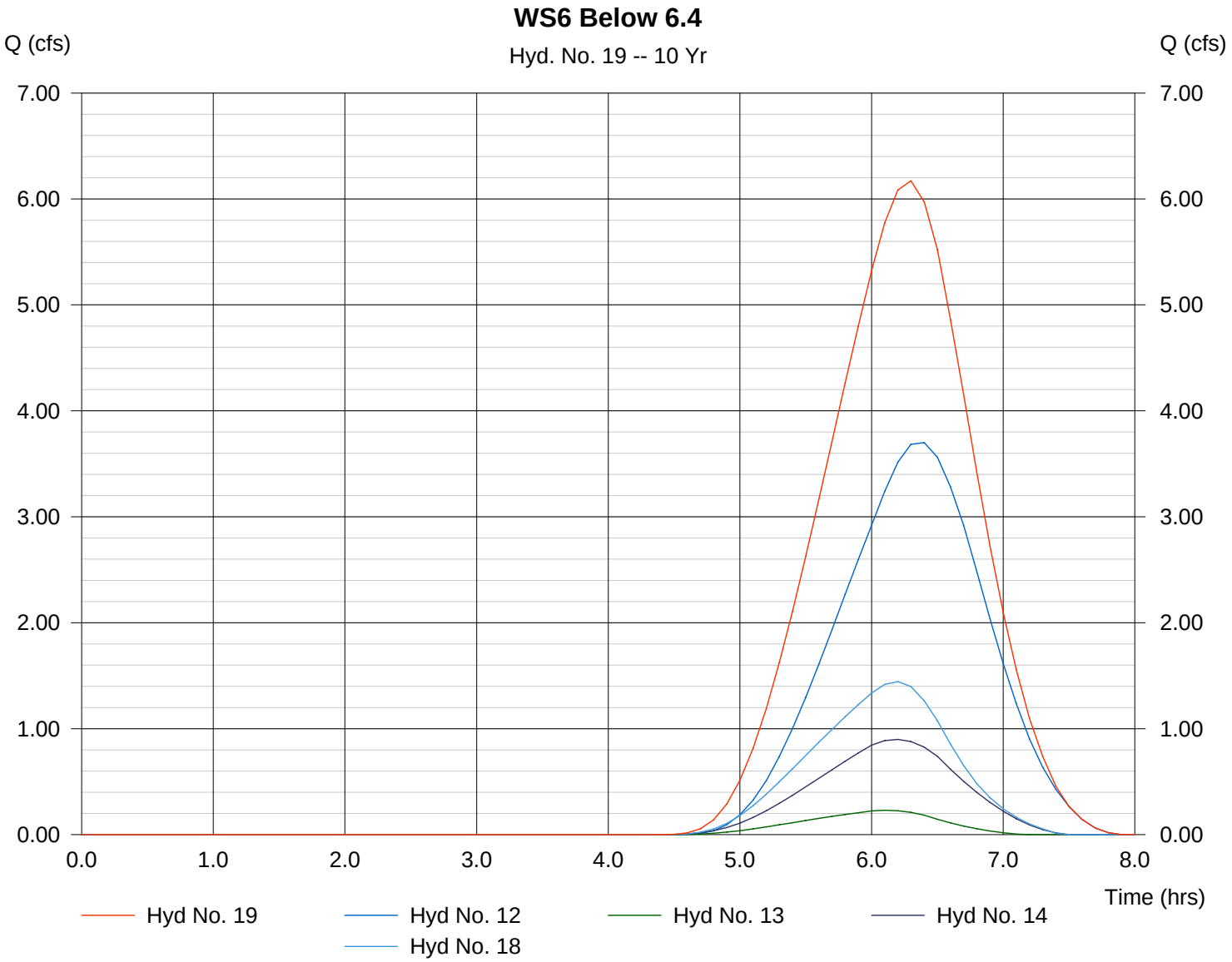
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 19

WS6 Below 6.4

Hydrograph type	=	Combine	Peak discharge	=	6.17 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	12, 13, 14, 18			

Hydrograph Volume = 29,433 cuft



Hydrograph Plot

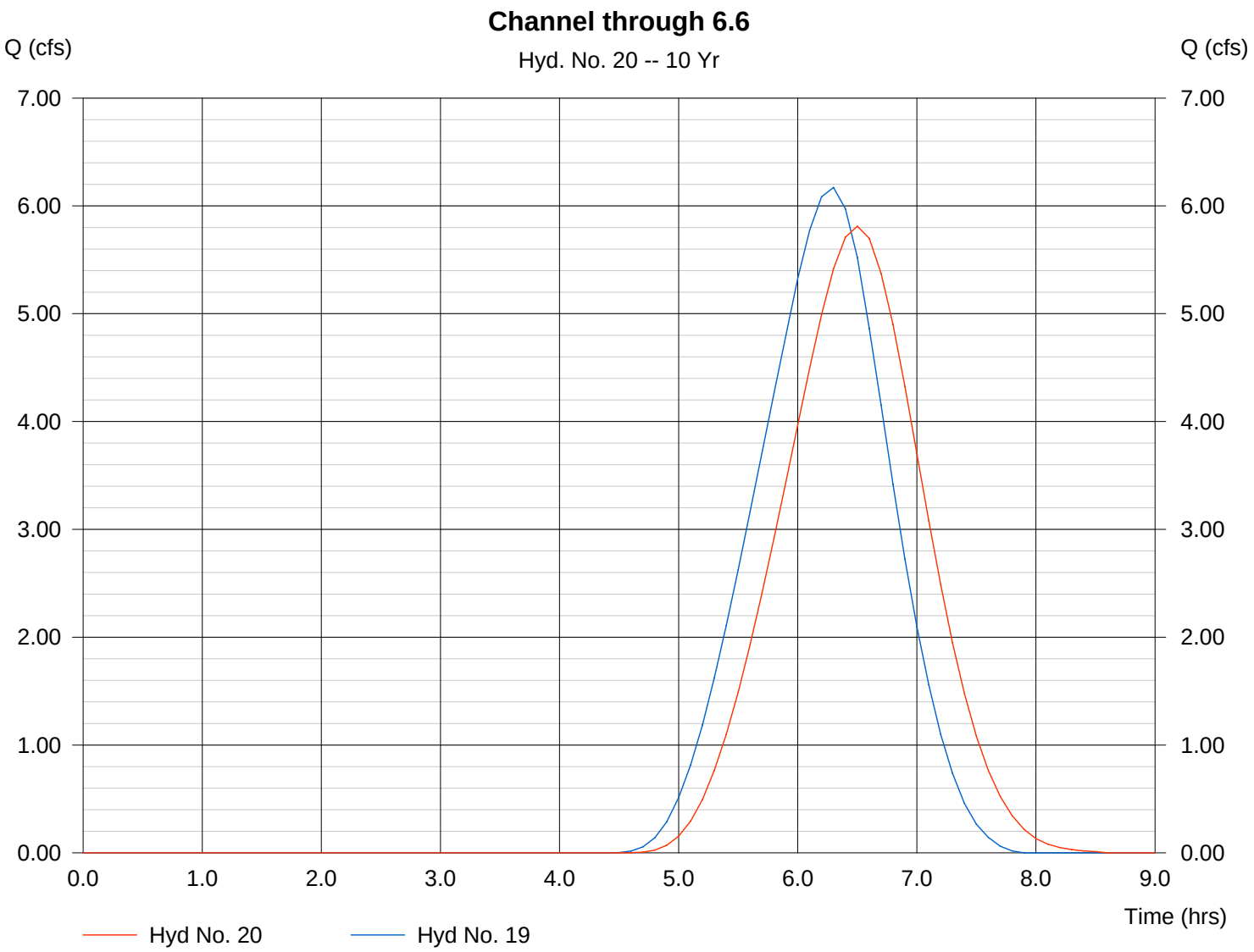
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 20

Channel through 6.6

Hydrograph type	=	Reach	Peak discharge	=	5.81 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyd. No.	=	19	Section type	=	Trapezoidal
Reach length	=	5730.0 ft	Channel slope	=	3.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.261	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.3884

Modified Att-Kin routing method used. | Hydrograph Volume = 29,427 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

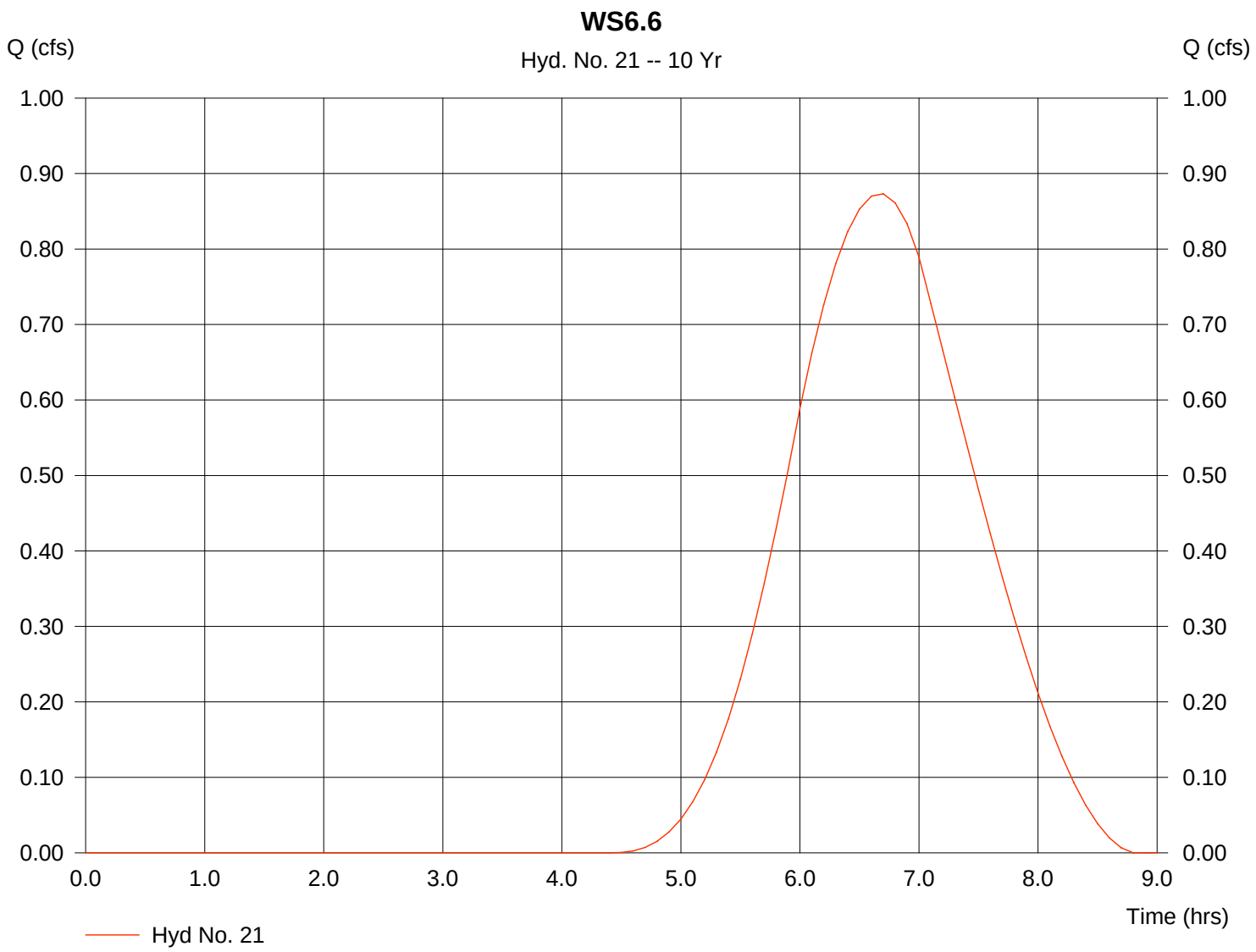
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 21

WS6.6

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.87 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	383.000 ac	Curve number	=	65
Basin Slope	=	3.3 %	Hydraulic length	=	5730 ft
Tc method	=	LAG	Time of conc. (Tc)	=	107.50 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 5,816 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

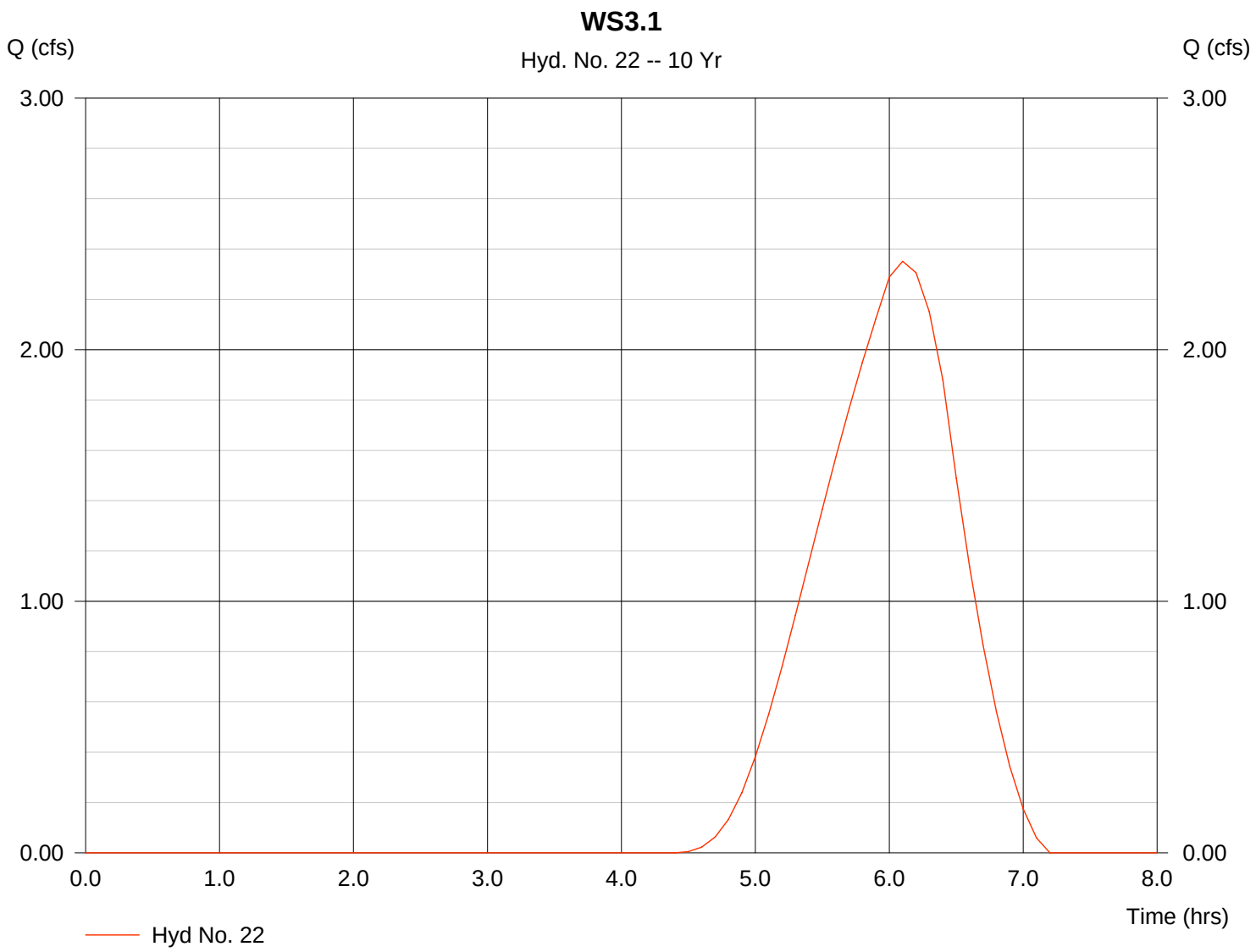
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 22

WS3.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.35 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	687.000 ac	Curve number	=	65
Basin Slope	=	24.2 %	Hydraulic length	=	7090 ft
Tc method	=	LAG	Time of conc. (Tc)	=	47.20 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 10,289 cuft



Hydrograph Plot

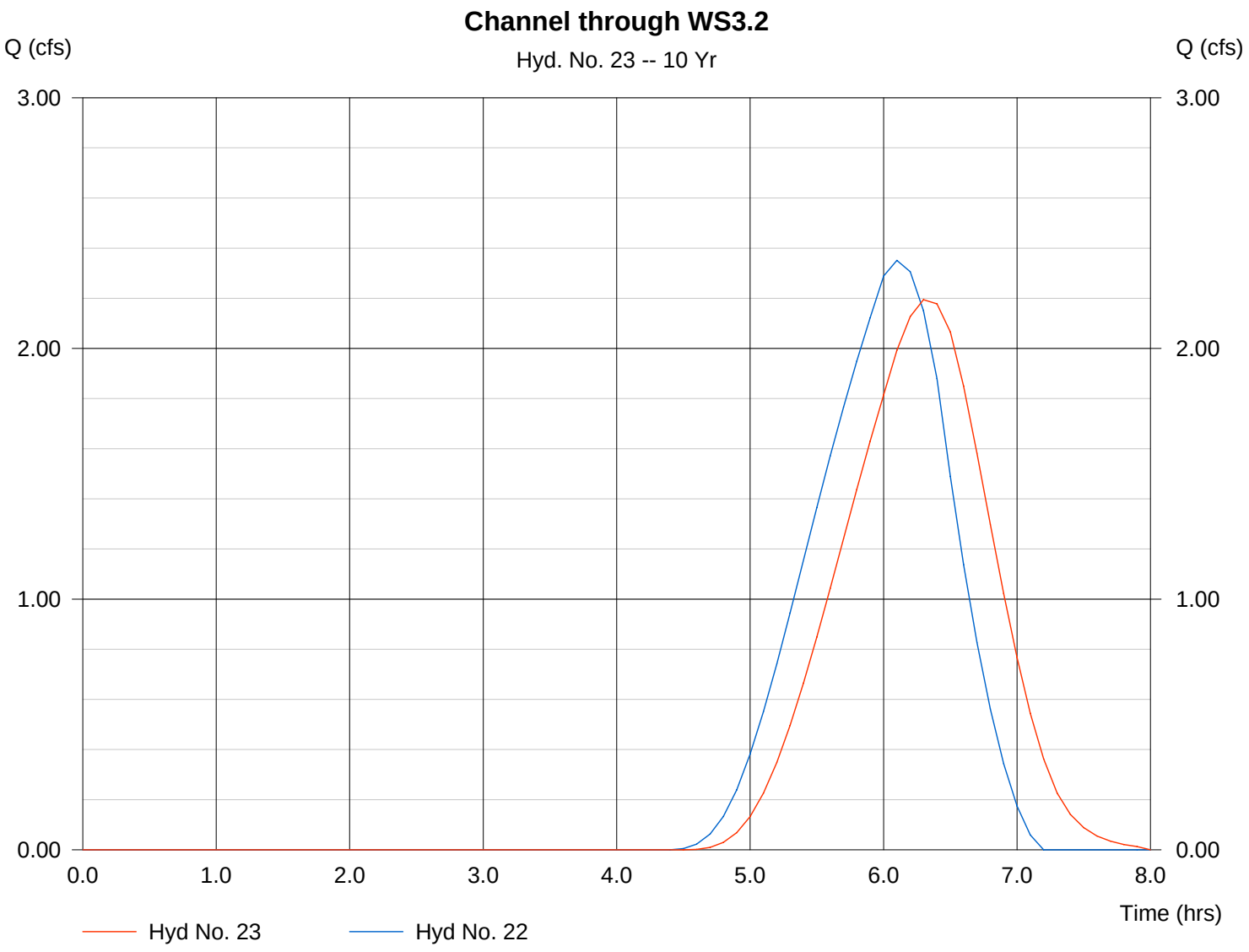
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 23

Channel through WS3.2

Hydrograph type	=	Reach	Peak discharge	=	2.19 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyd. No.	=	22	Section type	=	Trapezoidal
Reach length	=	4980.0 ft	Channel slope	=	4.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.609	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.3755

Modified Att-Kin routing method used. | Hydrograph Volume = 10,281 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

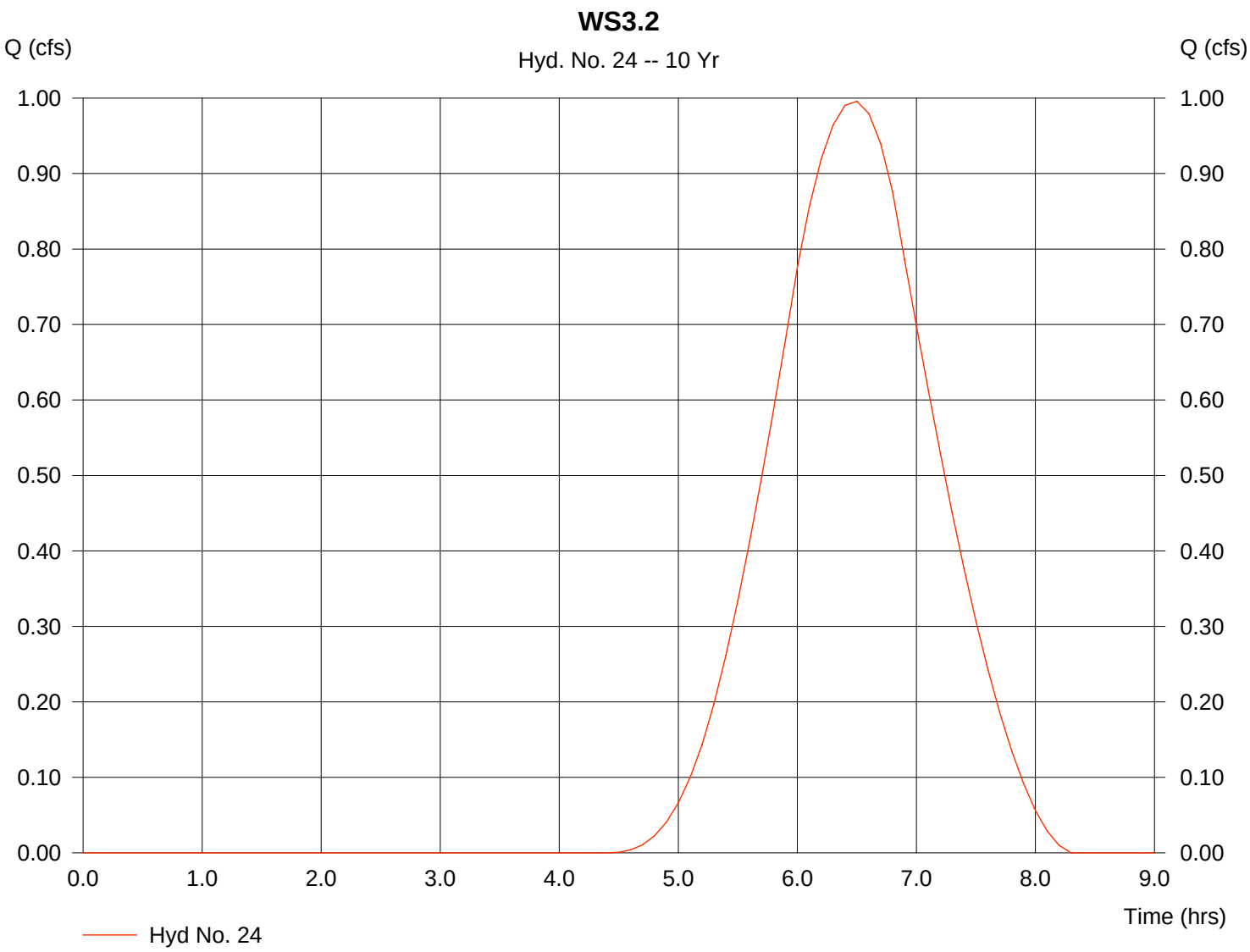
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 24

WS3.2

Hydrograph type	= SCS Runoff	Peak discharge	= 1.00 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 379.000 ac	Curve number	= 65
Basin Slope	= 4.4 %	Hydraulic length	= 4980 ft
Tc method	= LAG	Time of conc. (Tc)	= 83.30 min
Total precip.	= 1.23 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 5,821 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

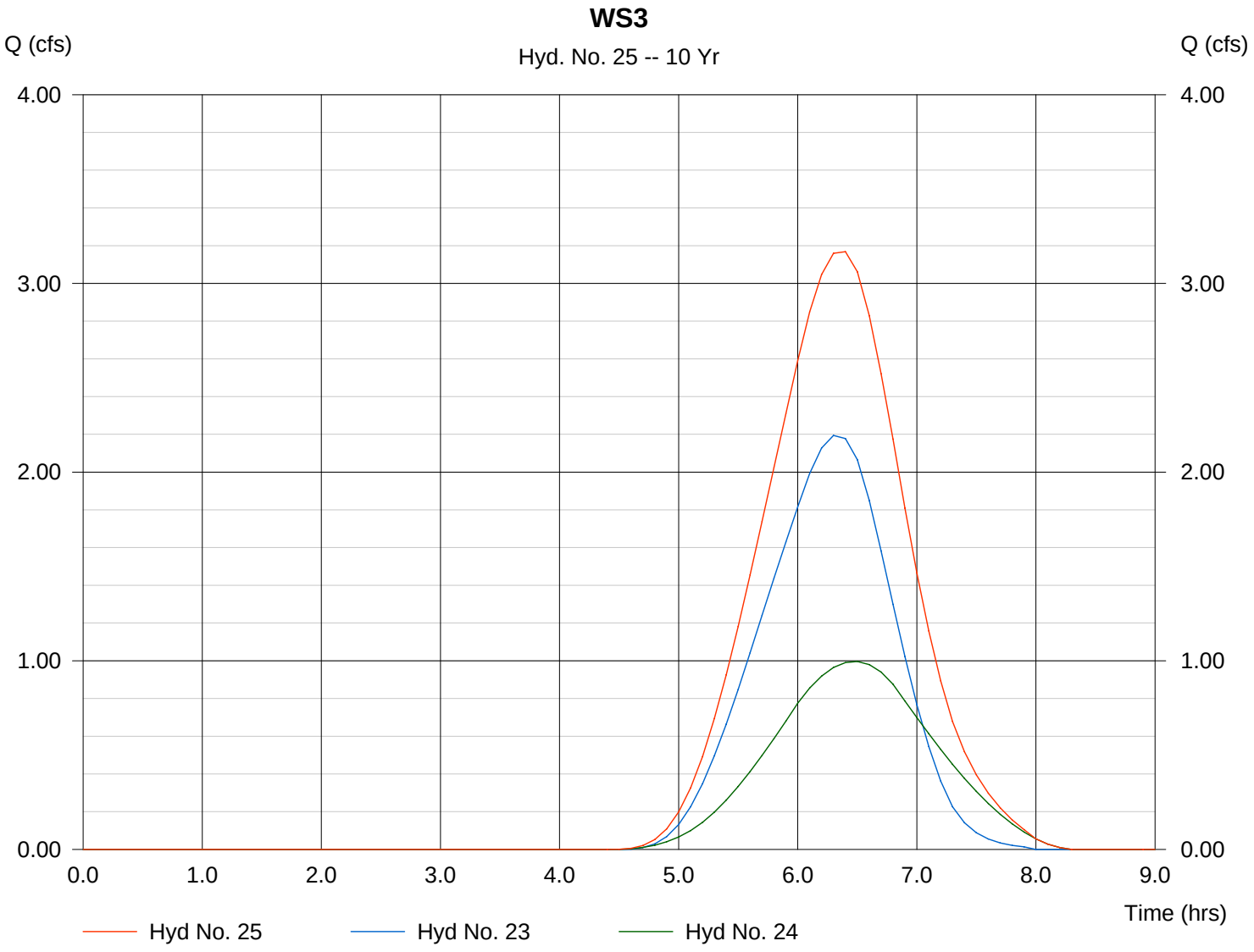
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 25

WS3

Hydrograph type	=	Combine	Peak discharge	=	3.17 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	23, 24			

Hydrograph Volume = 16,102 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

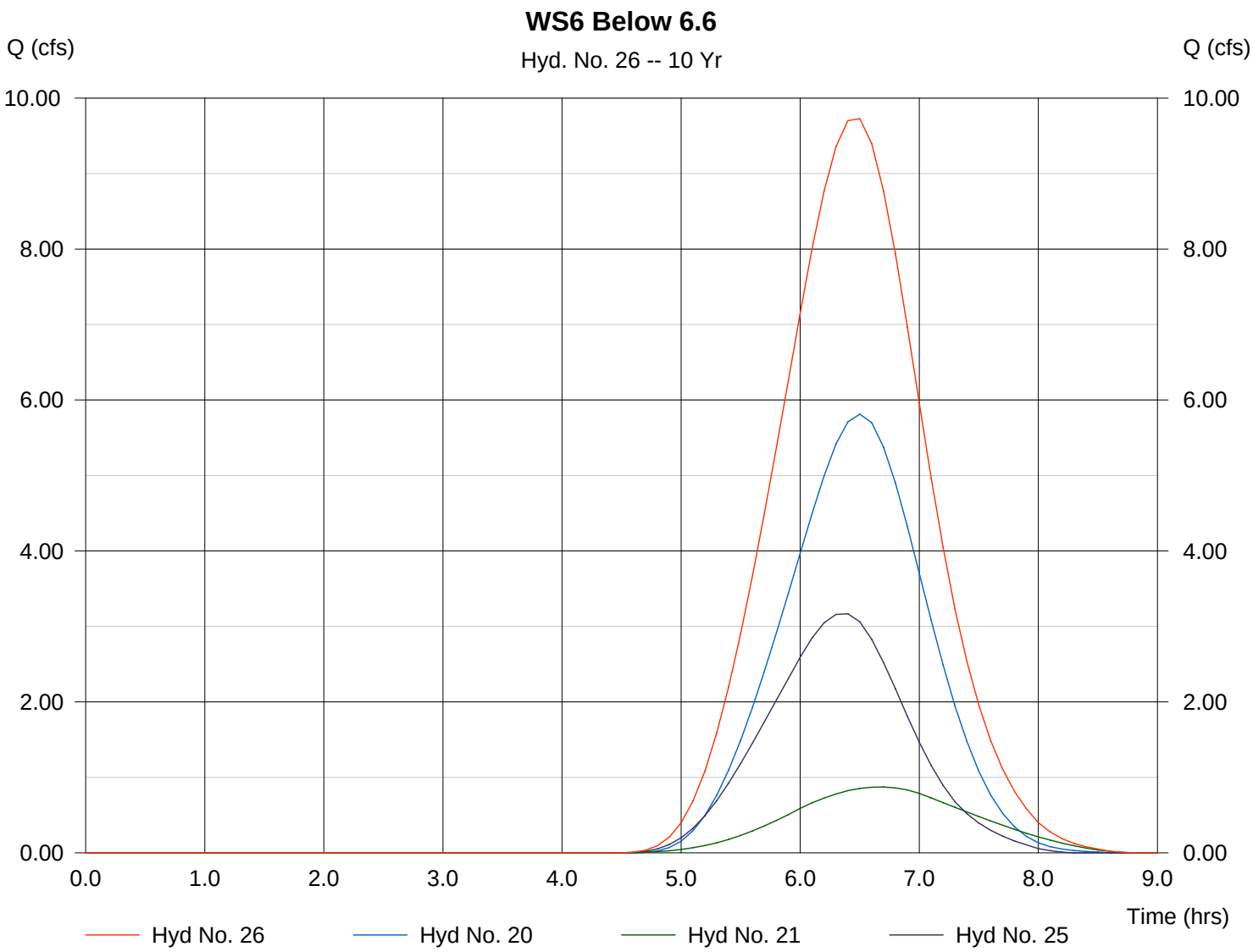
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 26

WS6 Below 6.6

Hydrograph type	=	Combine	Peak discharge	=	9.73 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	20, 21, 25			

Hydrograph Volume = 51,345 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

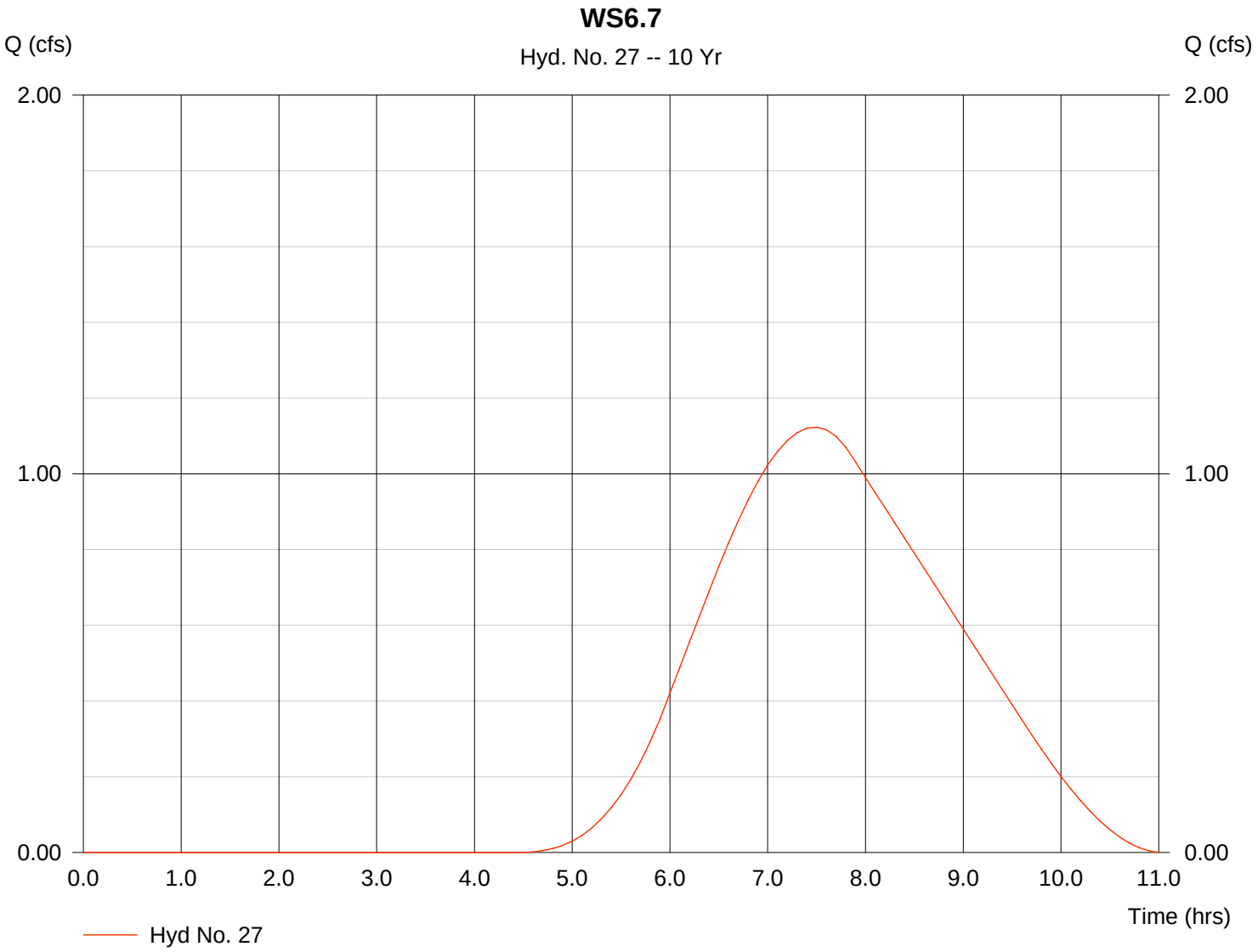
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 27

WS6.7

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.12 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Drainage area	=	760.000 ac	Curve number	=	65
Basin Slope	=	2.9 %	Hydraulic length	=	10770 ft
Tc method	=	LAG	Time of conc. (Tc)	=	191.30 min
Total precip.	=	1.23 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 11,751 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

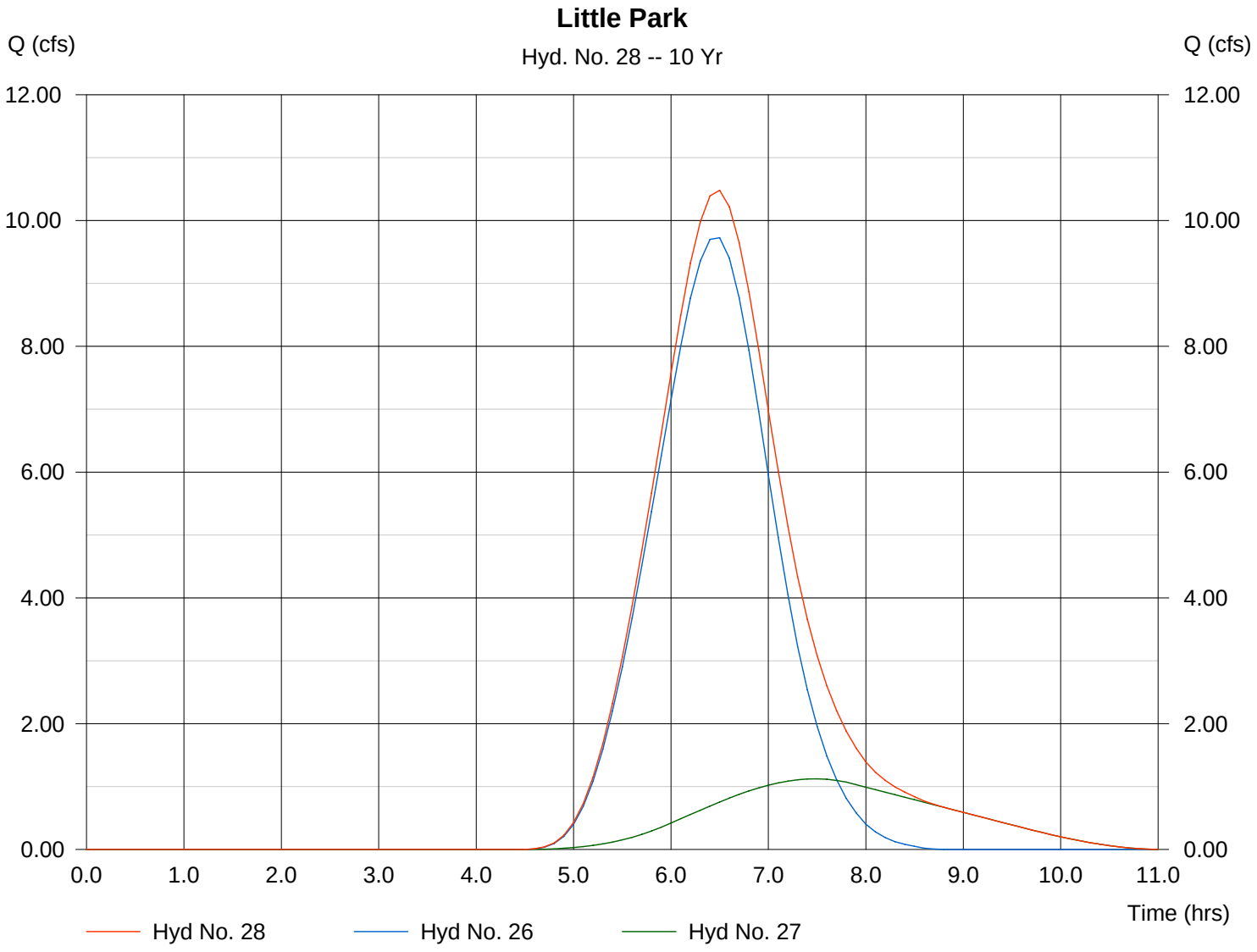
Wednesday, Nov 30 2005, 7:57 AM

Hyd. No. 28

Little Park

Hydrograph type	=	Combine	Peak discharge	=	10.48 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	26, 27			

Hydrograph Volume = 63,096 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

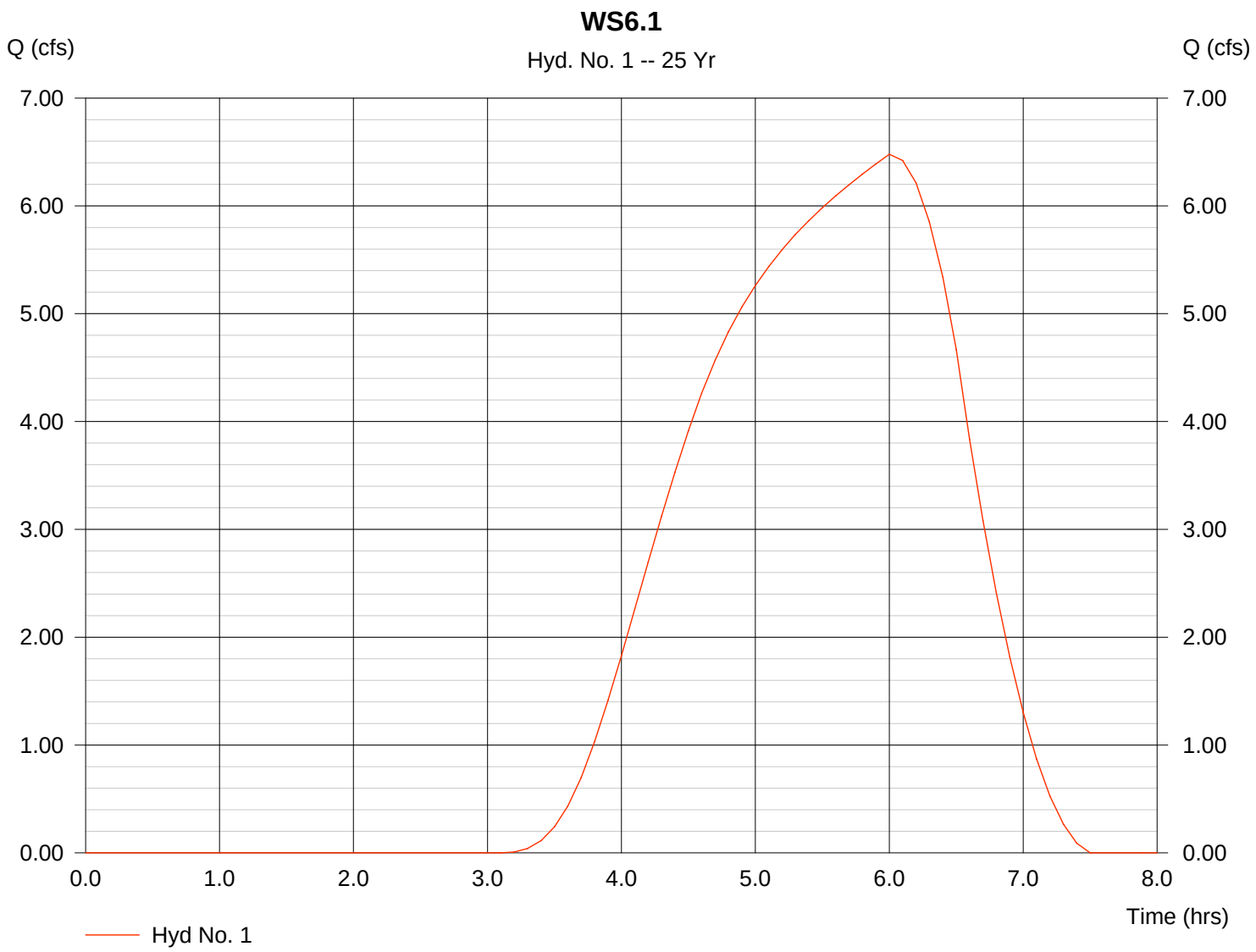
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 1

WS6.1

Hydrograph type	= SCS Runoff	Peak discharge	= 6.48 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 499.000 ac	Curve number	= 65
Basin Slope	= 20.8 %	Hydraulic length	= 7930 ft
Tc method	= LAG	Time of conc. (Tc)	= 55.70 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 53,308 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

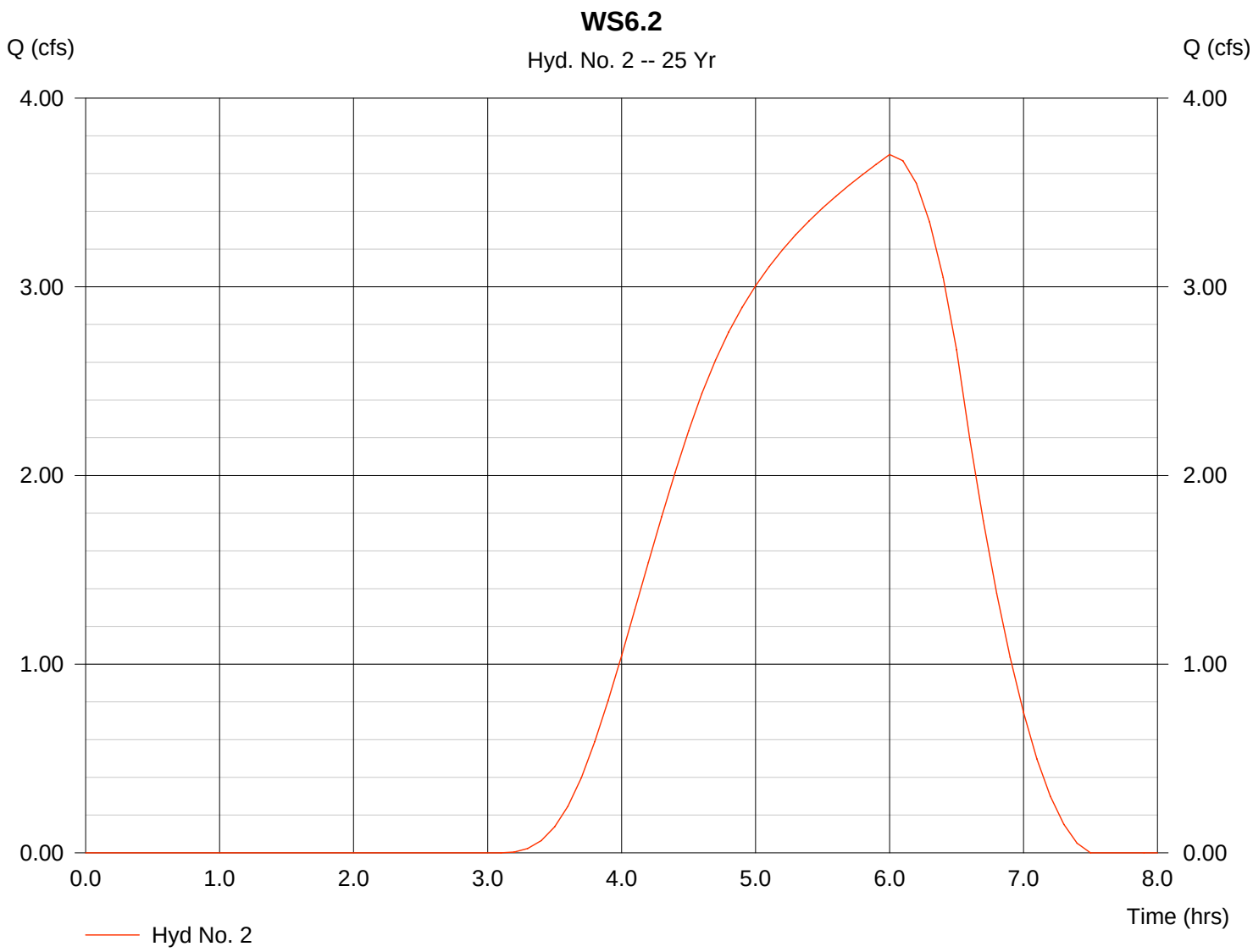
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 2

WS6.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.70 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Drainage area	=	285.000 ac	Curve number	=	65
Basin Slope	=	19.3 %	Hydraulic length	=	6790 ft
Tc method	=	LAG	Time of conc. (Tc)	=	51.10 min
Total precip.	=	1.49 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 30,446 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

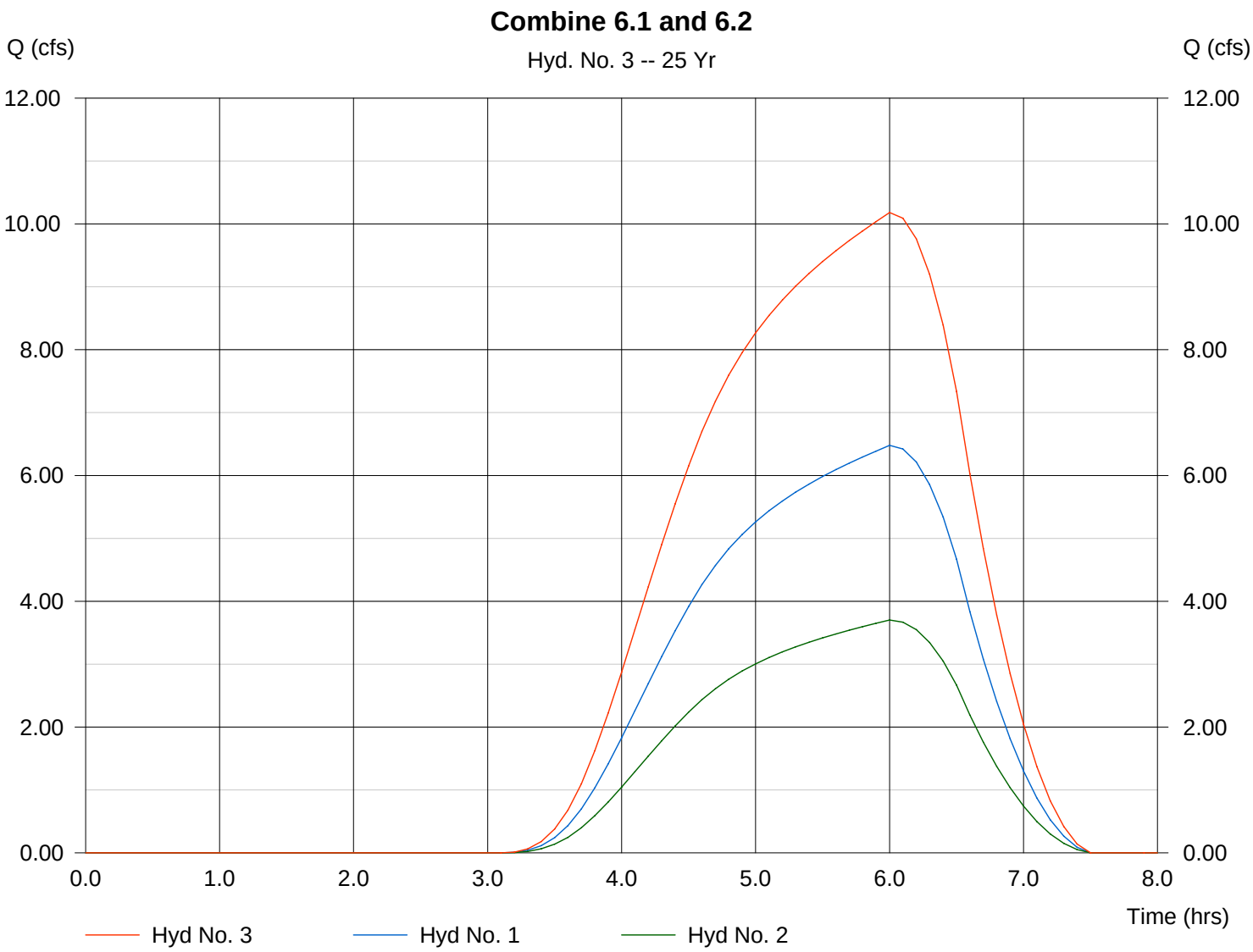
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 3

Combine 6.1 and 6.2

Hydrograph type	=	Combine	Peak discharge	=	10.18 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	1, 2			

Hydrograph Volume = 83,754 cuft



Hydrograph Plot

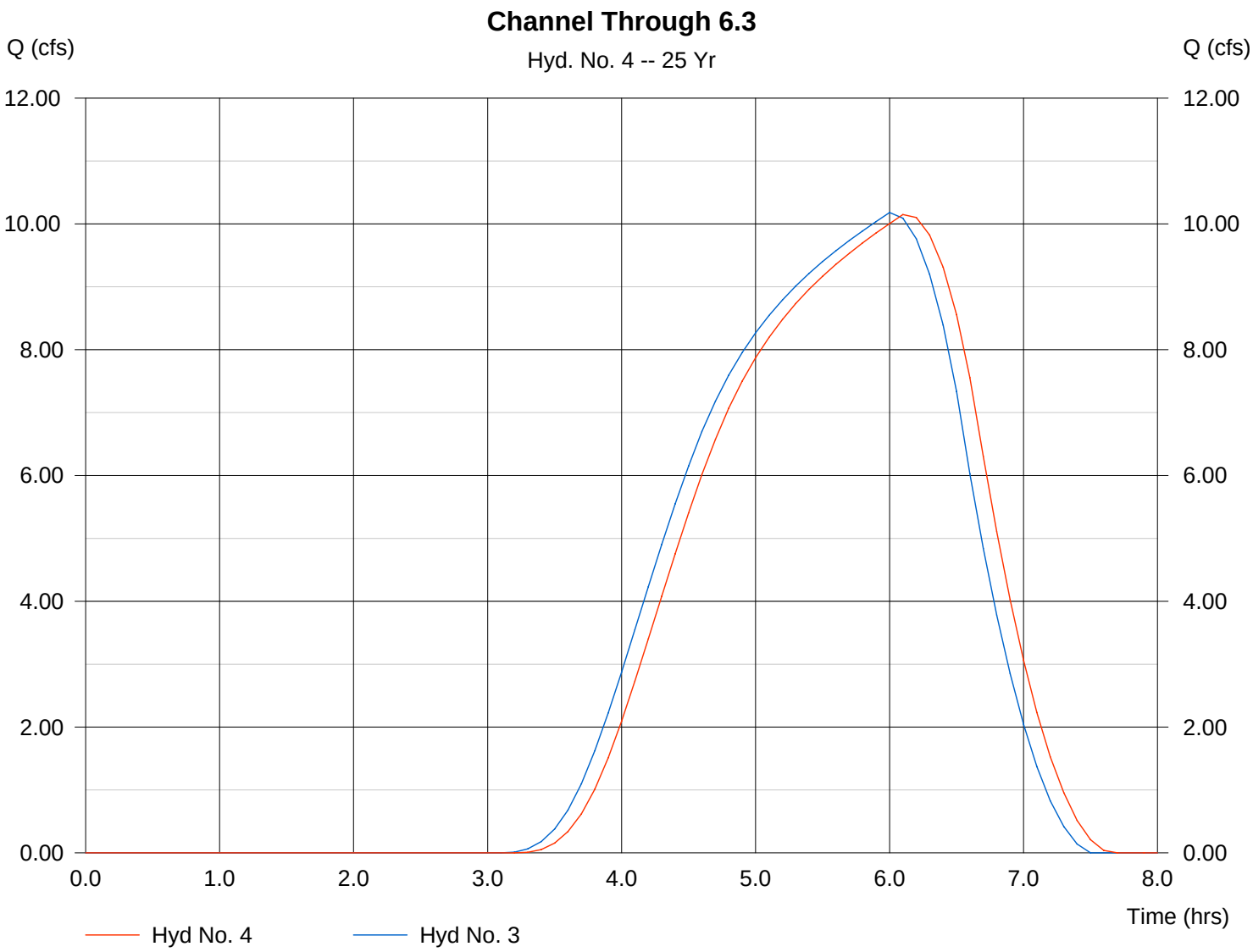
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 4

Channel Through 6.3

Hydrograph type	=	Reach	Peak discharge	=	10.15 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyd. No.	=	3	Section type	=	Trapezoidal
Reach length	=	2170.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.528	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.8177

Modified Att-Kin routing method used. | Hydrograph Volume = 83,751 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

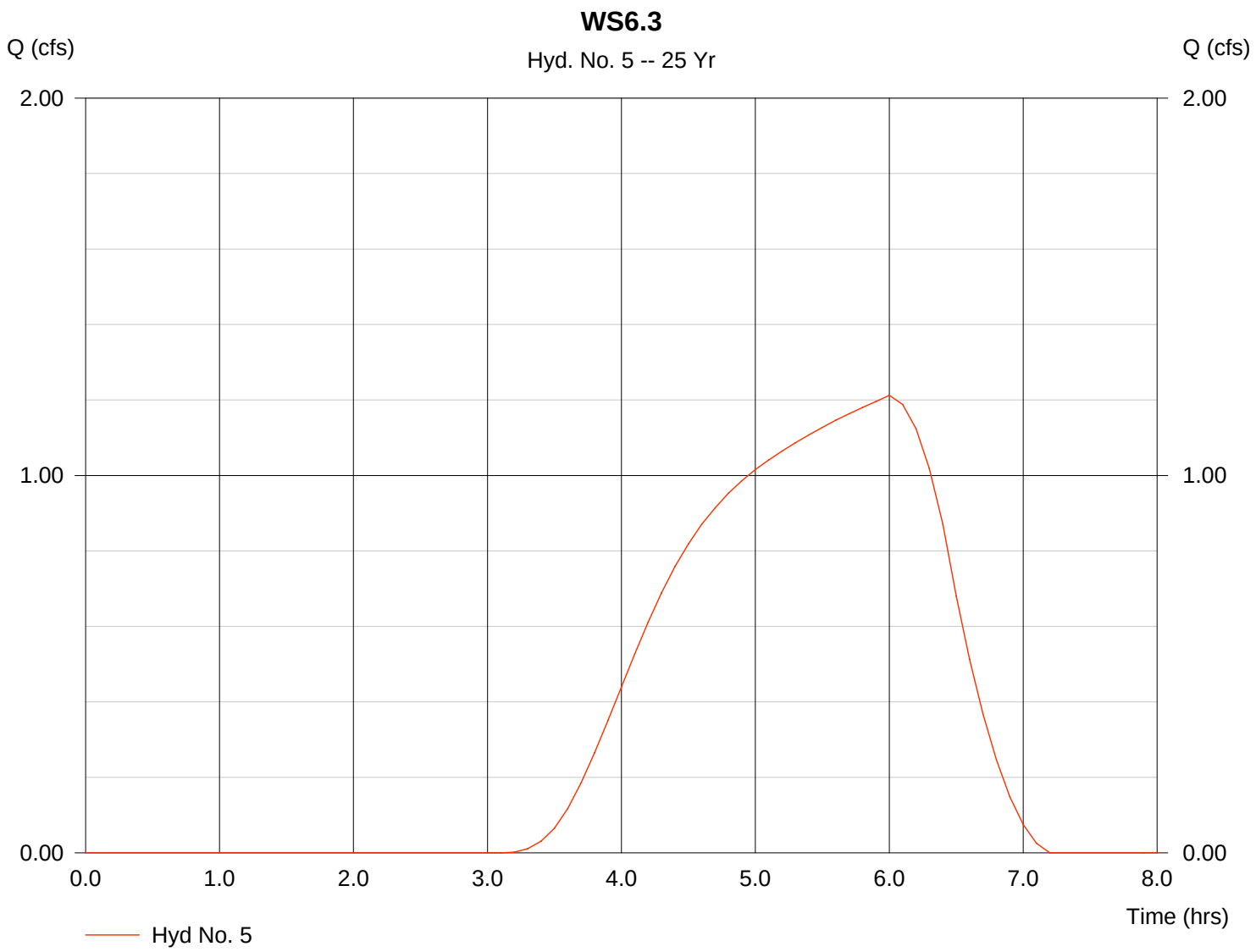
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 5

WS6.3

Hydrograph type	= SCS Runoff	Peak discharge	= 1.21 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 94.000 ac	Curve number	= 65
Basin Slope	= 4.2 %	Hydraulic length	= 2170 ft
Tc method	= LAG	Time of conc. (Tc)	= 44.20 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 9,791 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

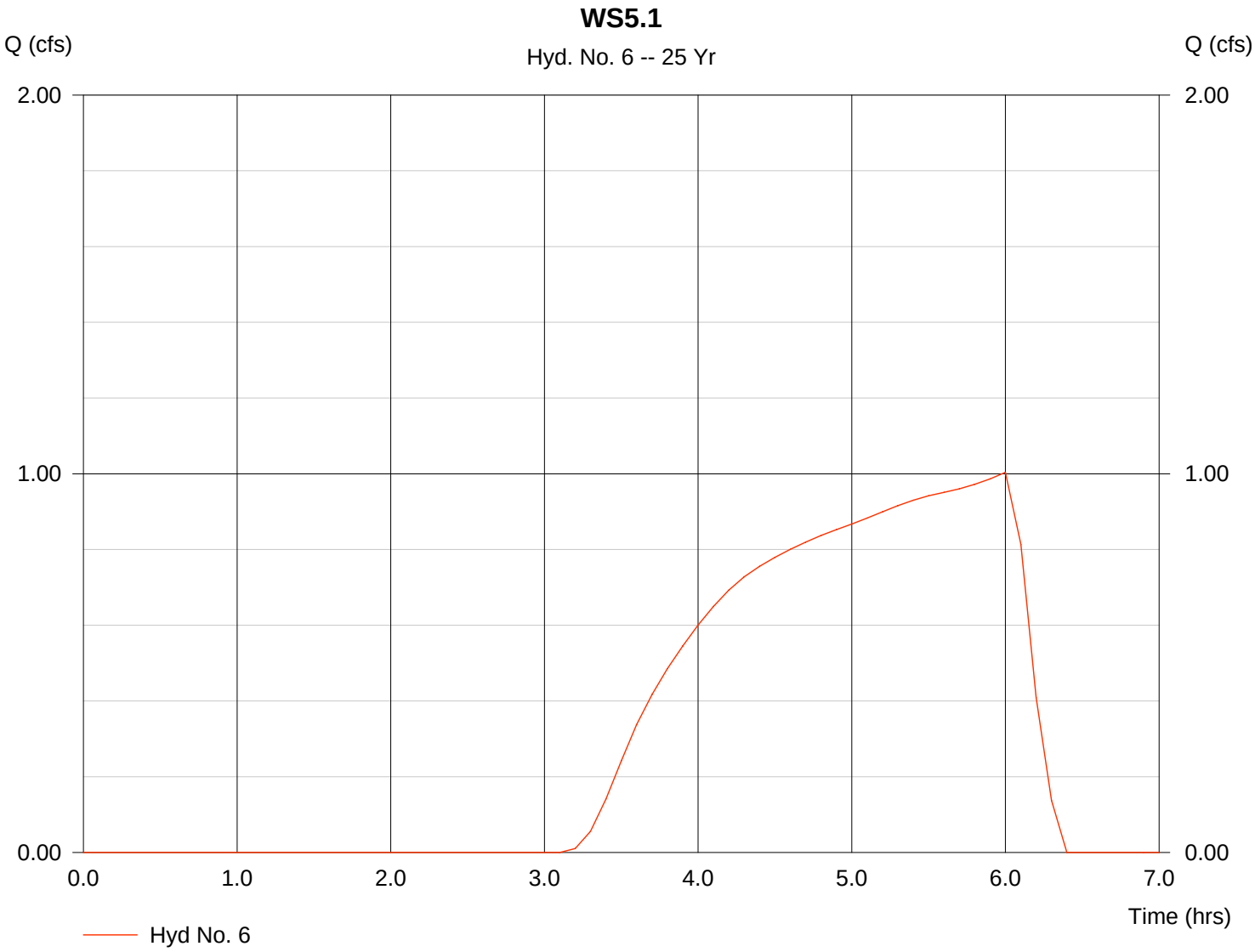
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 6

WS5.1

Hydrograph type	= SCS Runoff	Peak discharge	= 1.00 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 77.000 ac	Curve number	= 65
Basin Slope	= 44.8 %	Hydraulic length	= 2230 ft
Tc method	= LAG	Time of conc. (Tc)	= 13.70 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 7,712 cuft



Hydrograph Plot

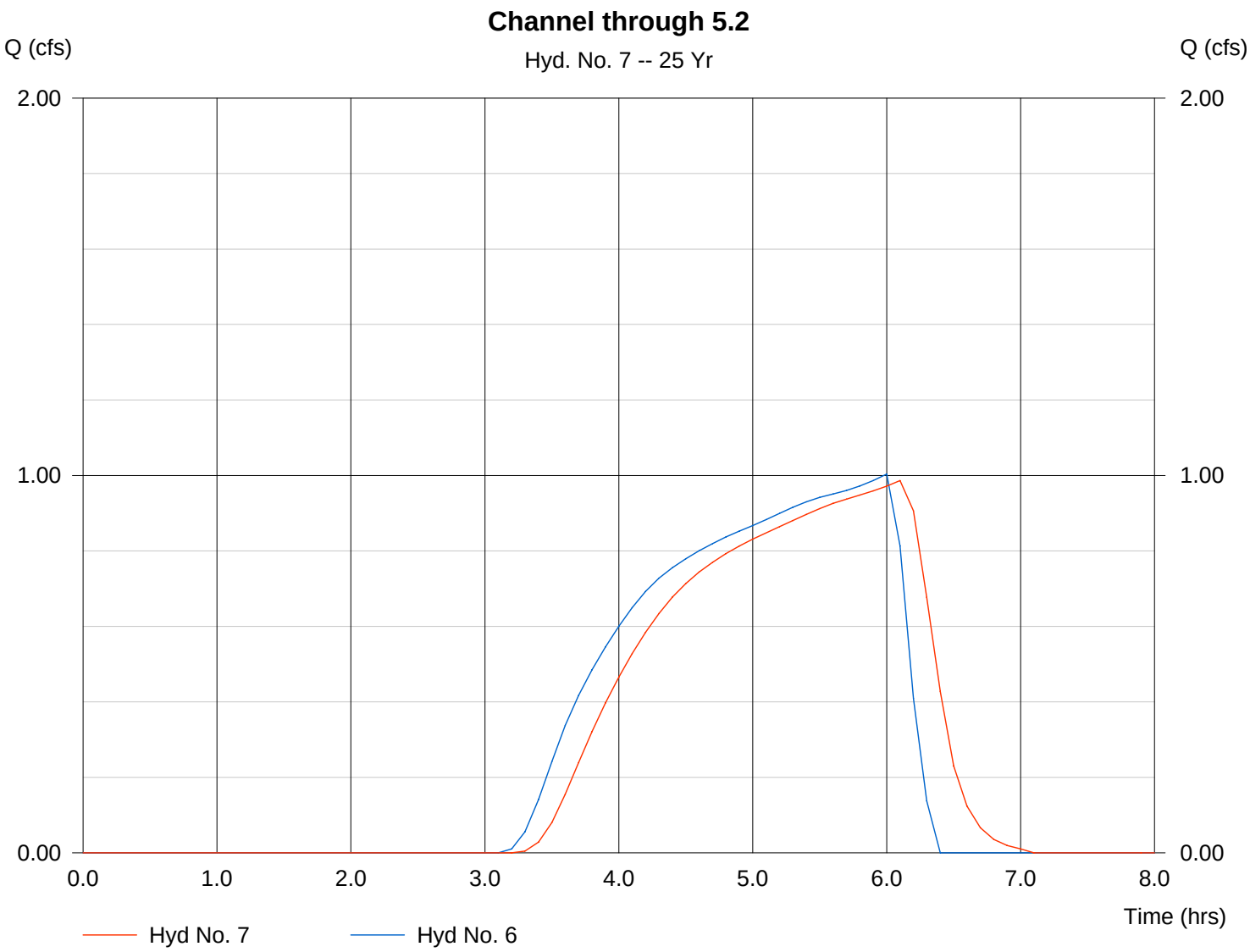
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 7

Channel through 5.2

Hydrograph type	=	Reach	Peak discharge	=	0.99 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyd. No.	=	6	Section type	=	Trapezoidal
Reach length	=	4550.0 ft	Channel slope	=	13.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	4.506	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.4619

Modified Att-Kin routing method used. | Hydrograph Volume = 7,707 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

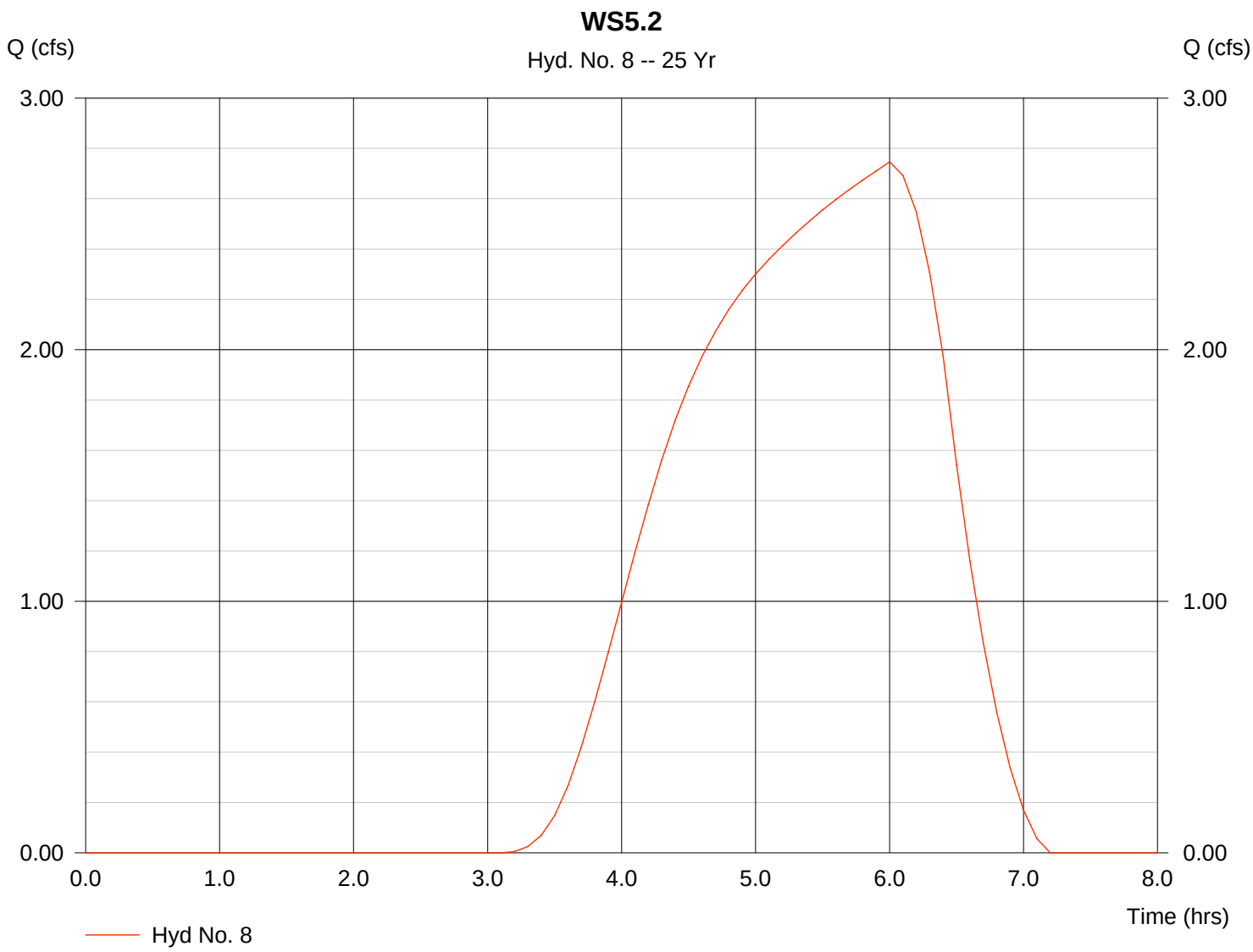
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 8

WS5.2

Hydrograph type	= SCS Runoff	Peak discharge	= 2.75 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 213.000 ac	Curve number	= 65
Basin Slope	= 13.2 %	Hydraulic length	= 4550 ft
Tc method	= LAG	Time of conc. (Tc)	= 44.80 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 22,186 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

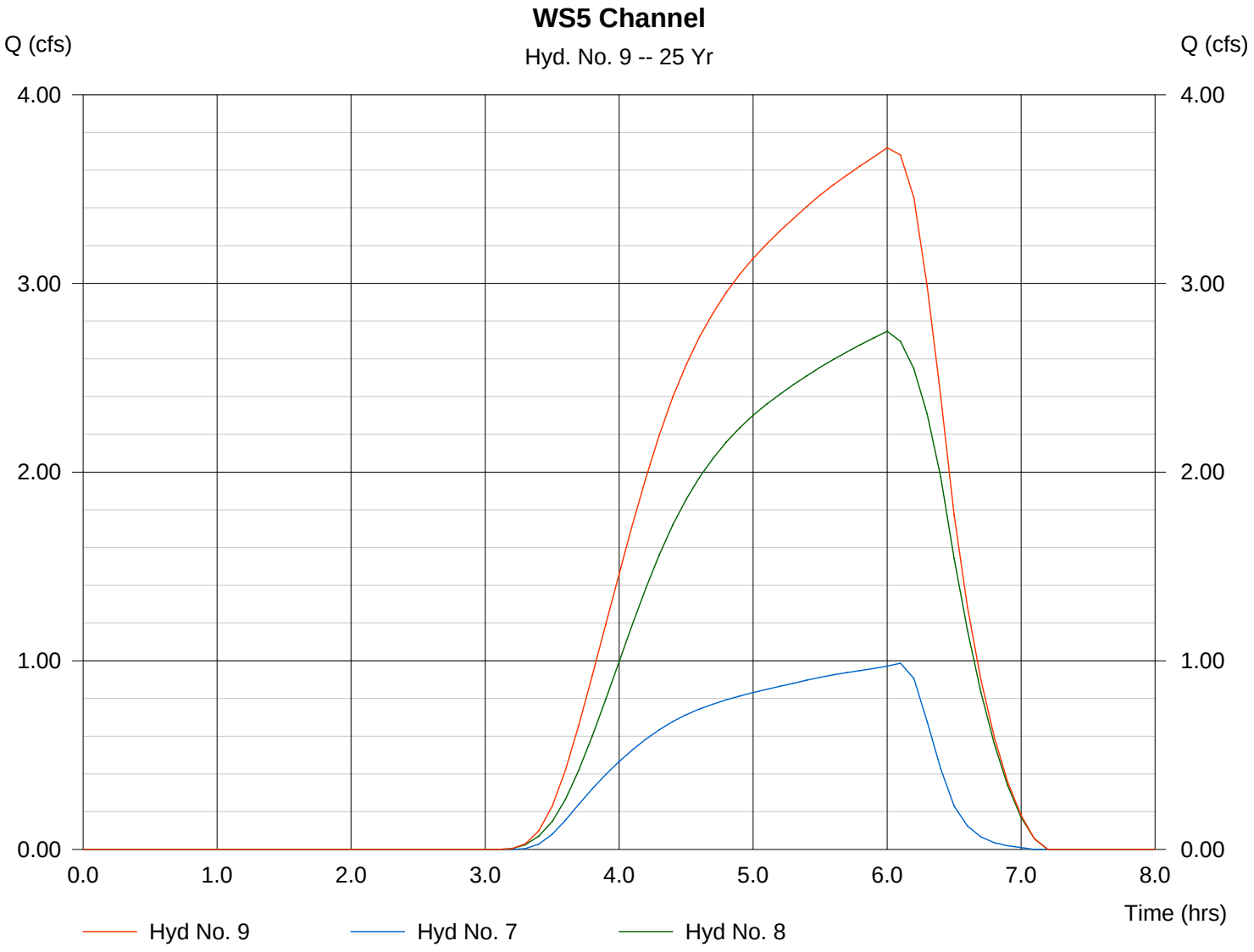
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 9

WS5 Channel

Hydrograph type	=	Combine	Peak discharge	=	3.72 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	7, 8			

Hydrograph Volume = 29,893 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

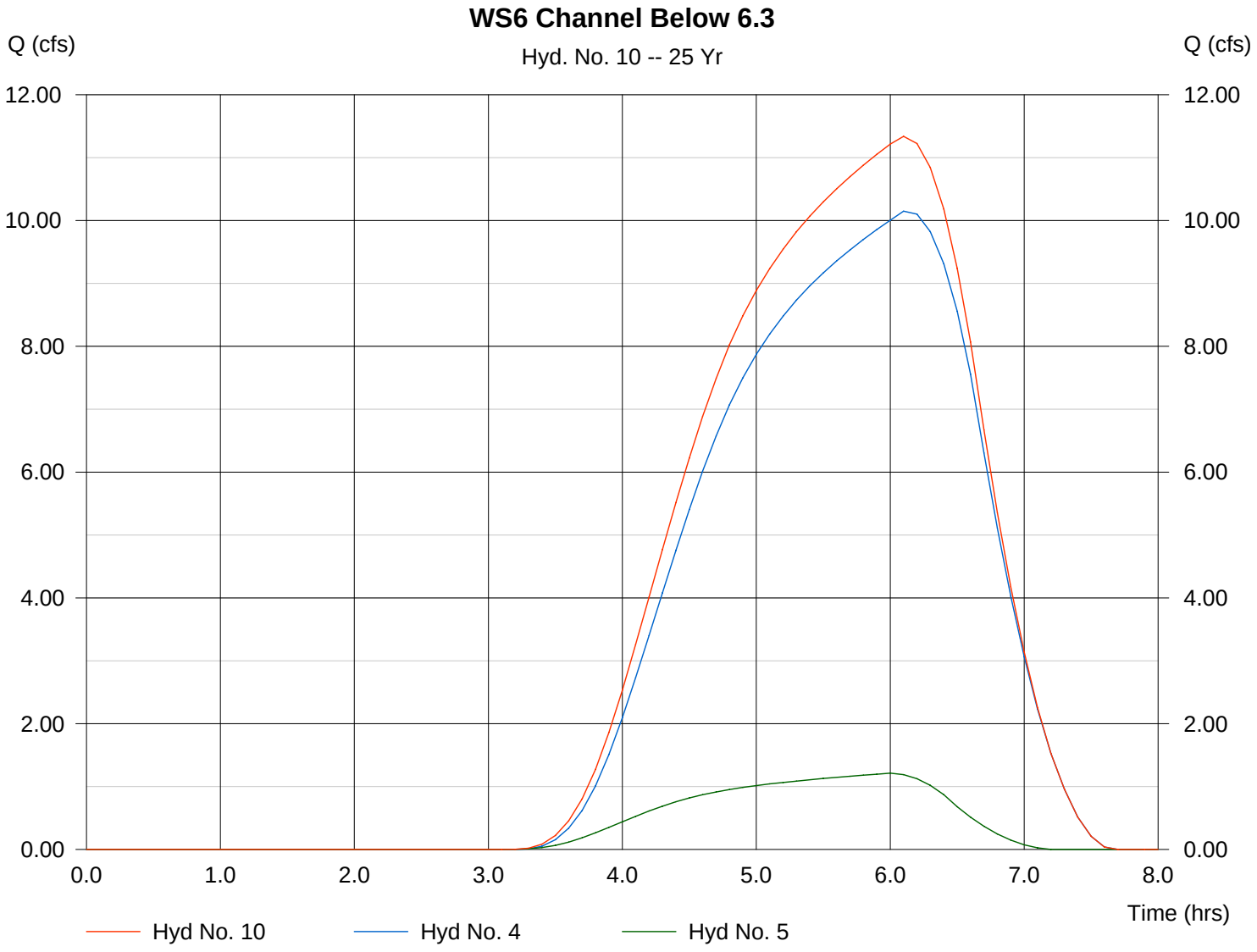
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 10

WS6 Channel Below 6.3

Hydrograph type	=	Combine	Peak discharge	=	11.34 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	4, 5			

Hydrograph Volume = 93,542 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

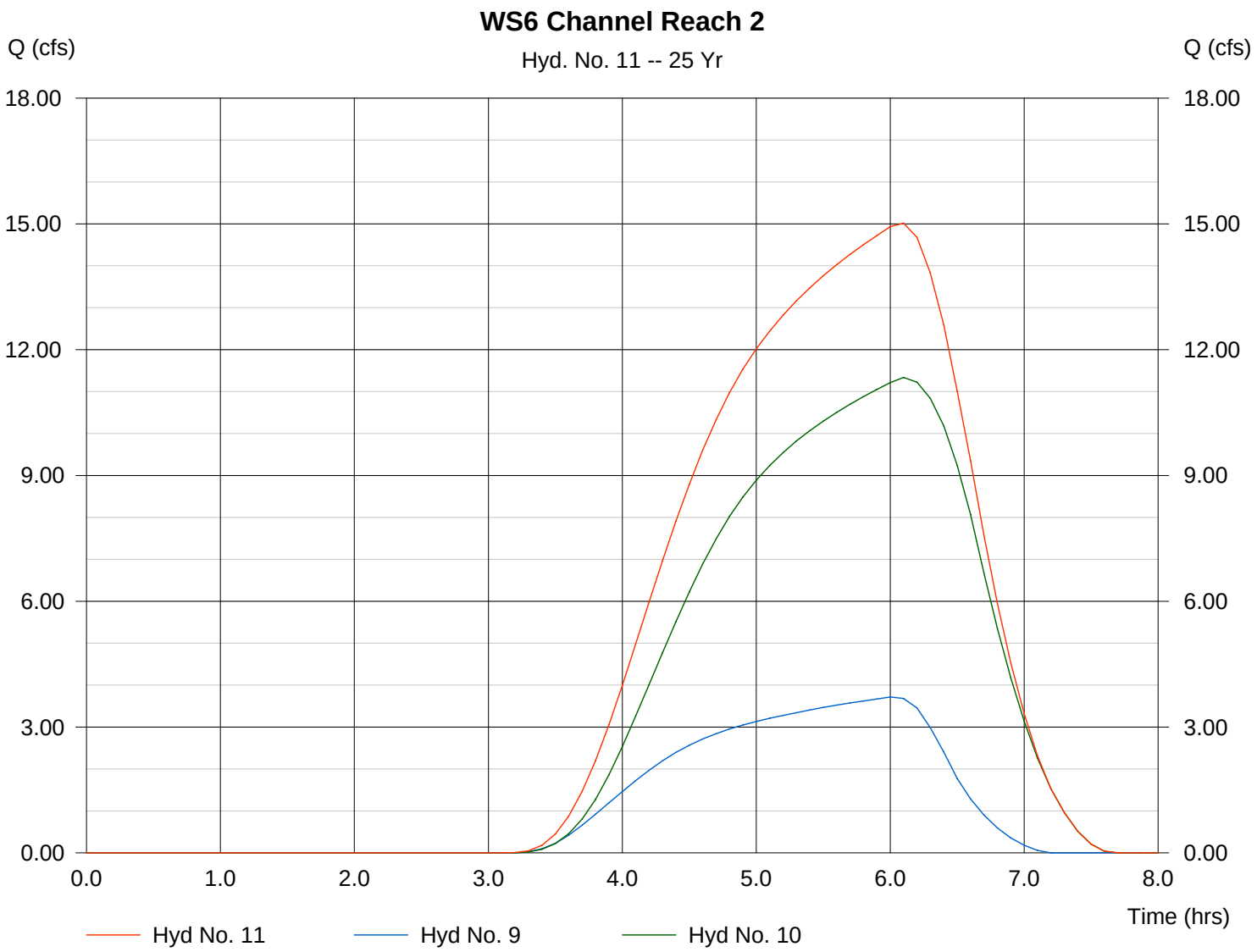
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 11

WS6 Channel Reach 2

Hydrograph type	=	Combine	Peak discharge	=	15.02 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	9, 10			

Hydrograph Volume = 123,435 cuft



Hydrograph Plot

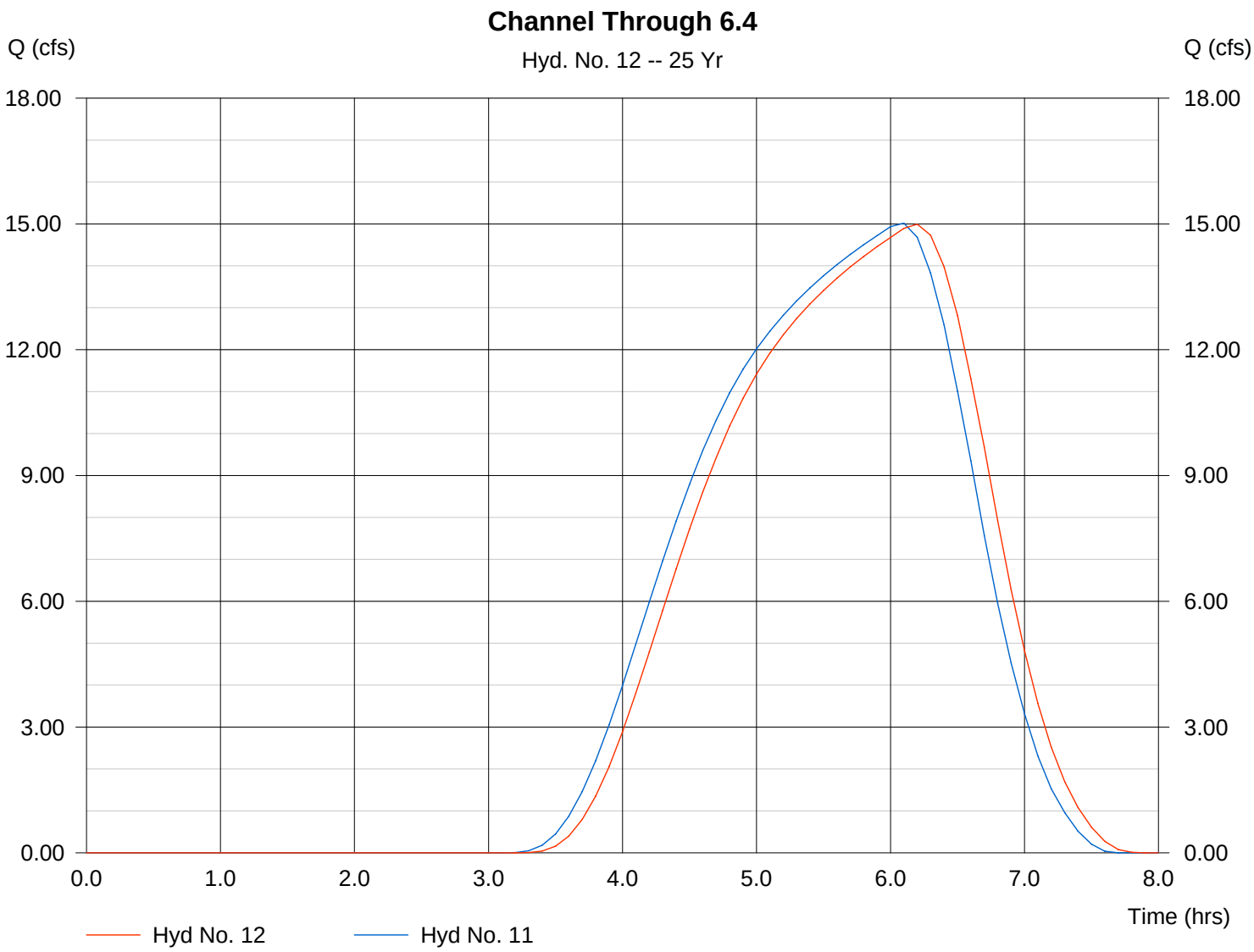
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 12

Channel Through 6.4

Hydrograph type	=	Reach	Peak discharge	=	15.00 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyd. No.	=	11	Section type	=	Trapezoidal
Reach length	=	2370.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.549	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.8335

Modified Att-Kin routing method used. | Hydrograph Volume = 123,434 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

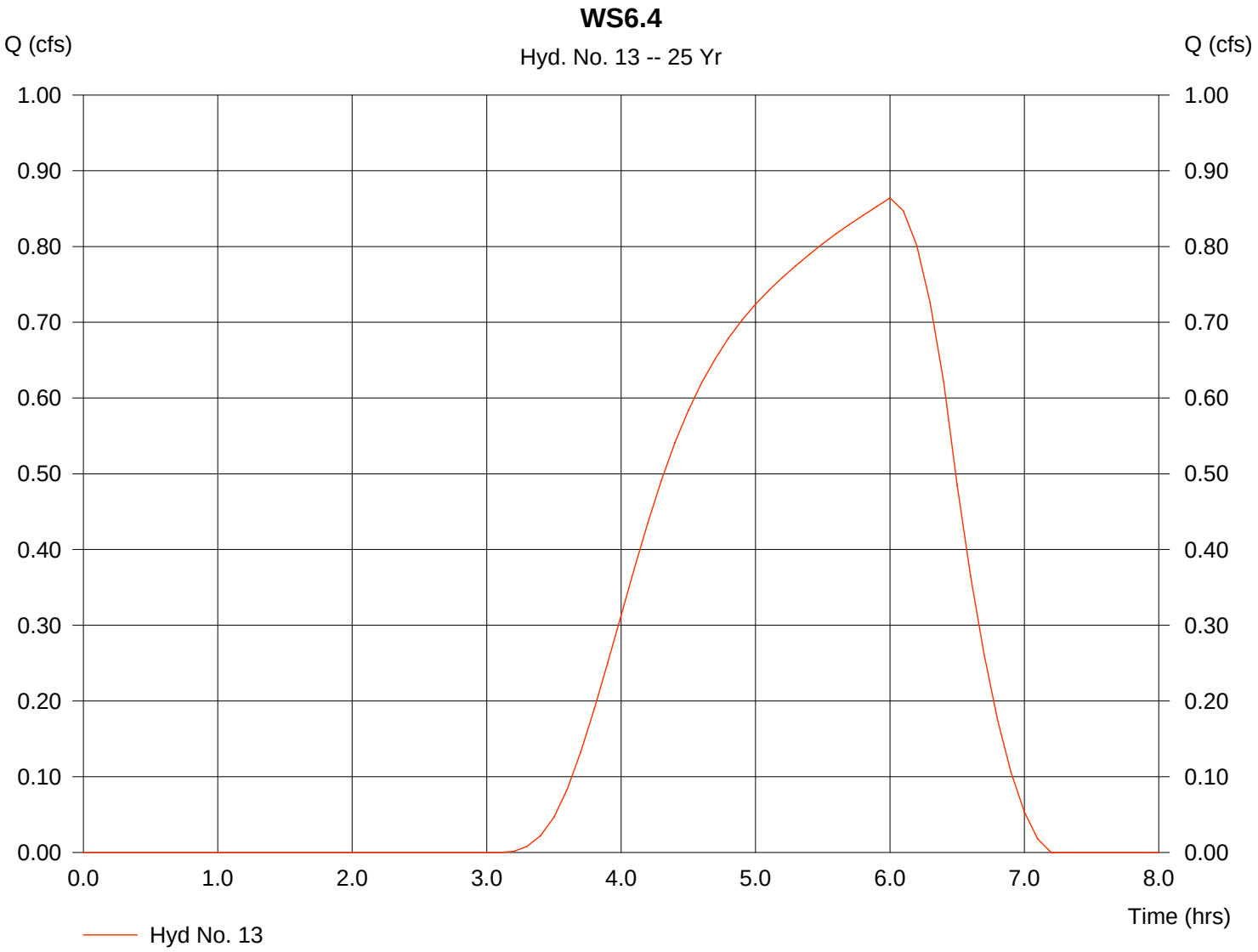
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 13

WS6.4

Hydrograph type	= SCS Runoff	Peak discharge	= 0.86 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 67.000 ac	Curve number	= 65
Basin Slope	= 4.2 %	Hydraulic length	= 2370 ft
Tc method	= LAG	Time of conc. (Tc)	= 47.00 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 6,979 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

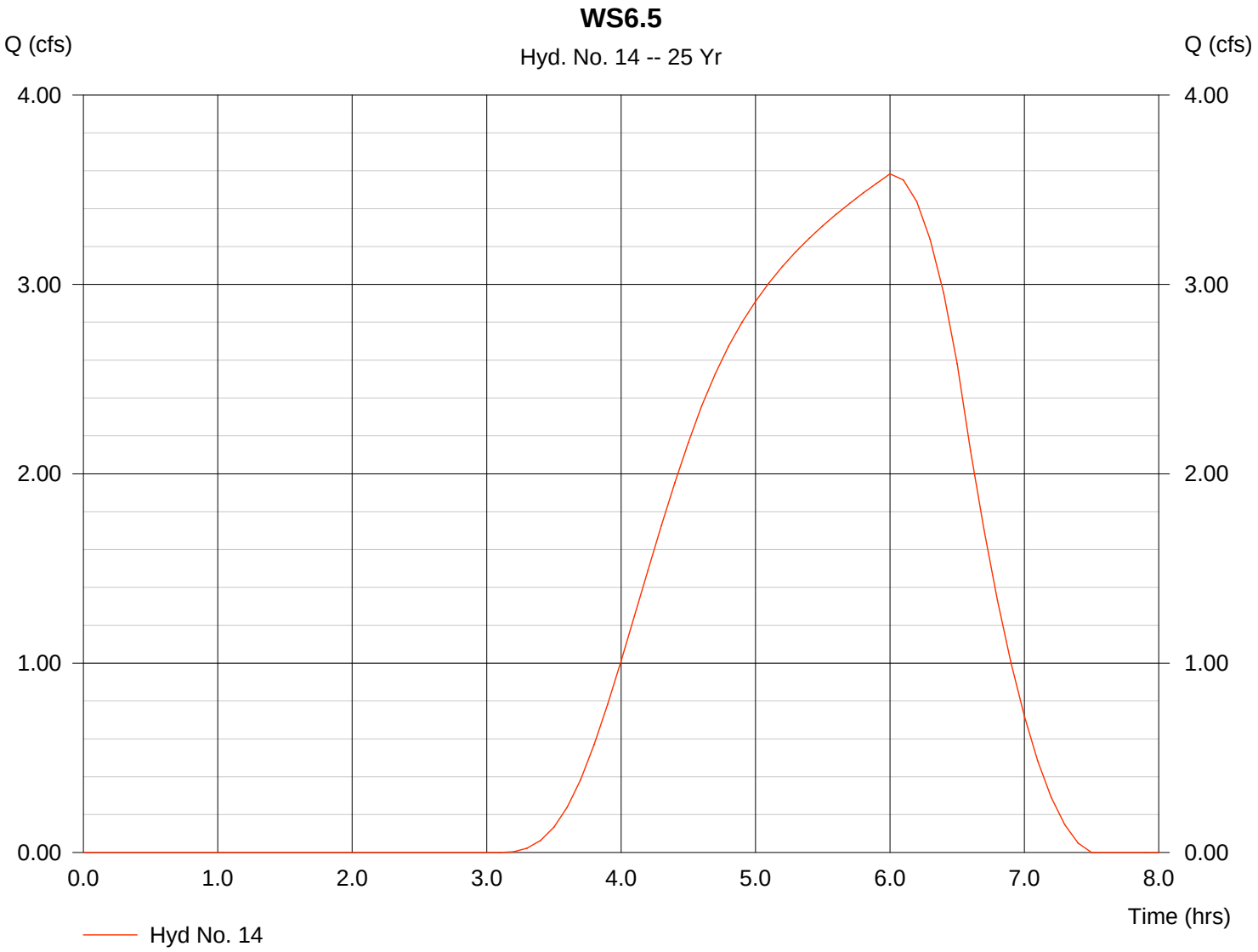
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 14

WS6.5

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.58 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Drainage area	=	276.000 ac	Curve number	=	65
Basin Slope	=	17.5 %	Hydraulic length	=	6770 ft
Tc method	=	LAG	Time of conc. (Tc)	=	53.50 min
Total precip.	=	1.49 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 29,485 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

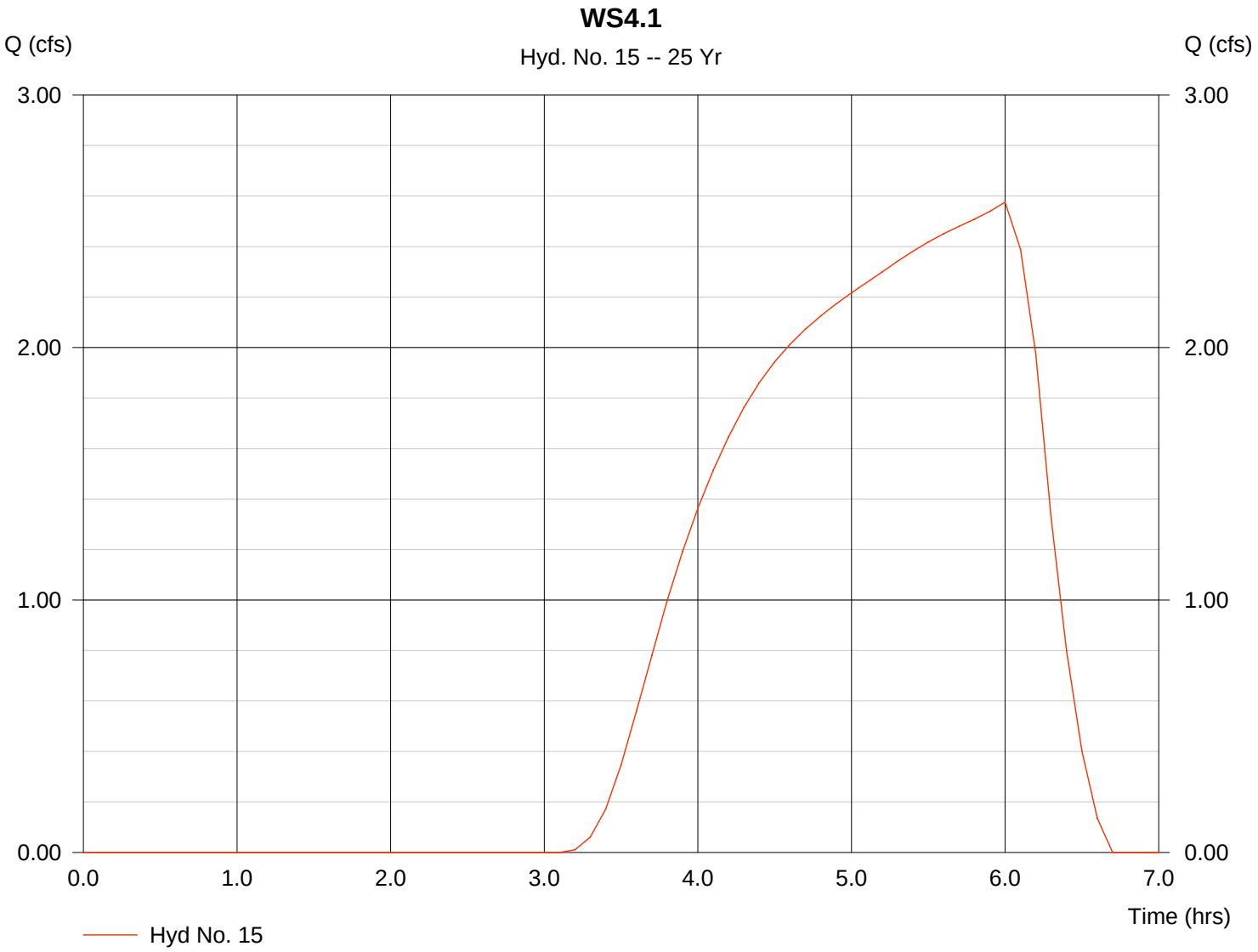
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 15

WS4.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.58 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Drainage area	=	189.000 ac	Curve number	=	65
Basin Slope	=	31.3 %	Hydraulic length	=	3850 ft
Tc method	=	LAG	Time of conc. (Tc)	=	25.40 min
Total precip.	=	1.49 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 20,191 cuft



Hydrograph Plot

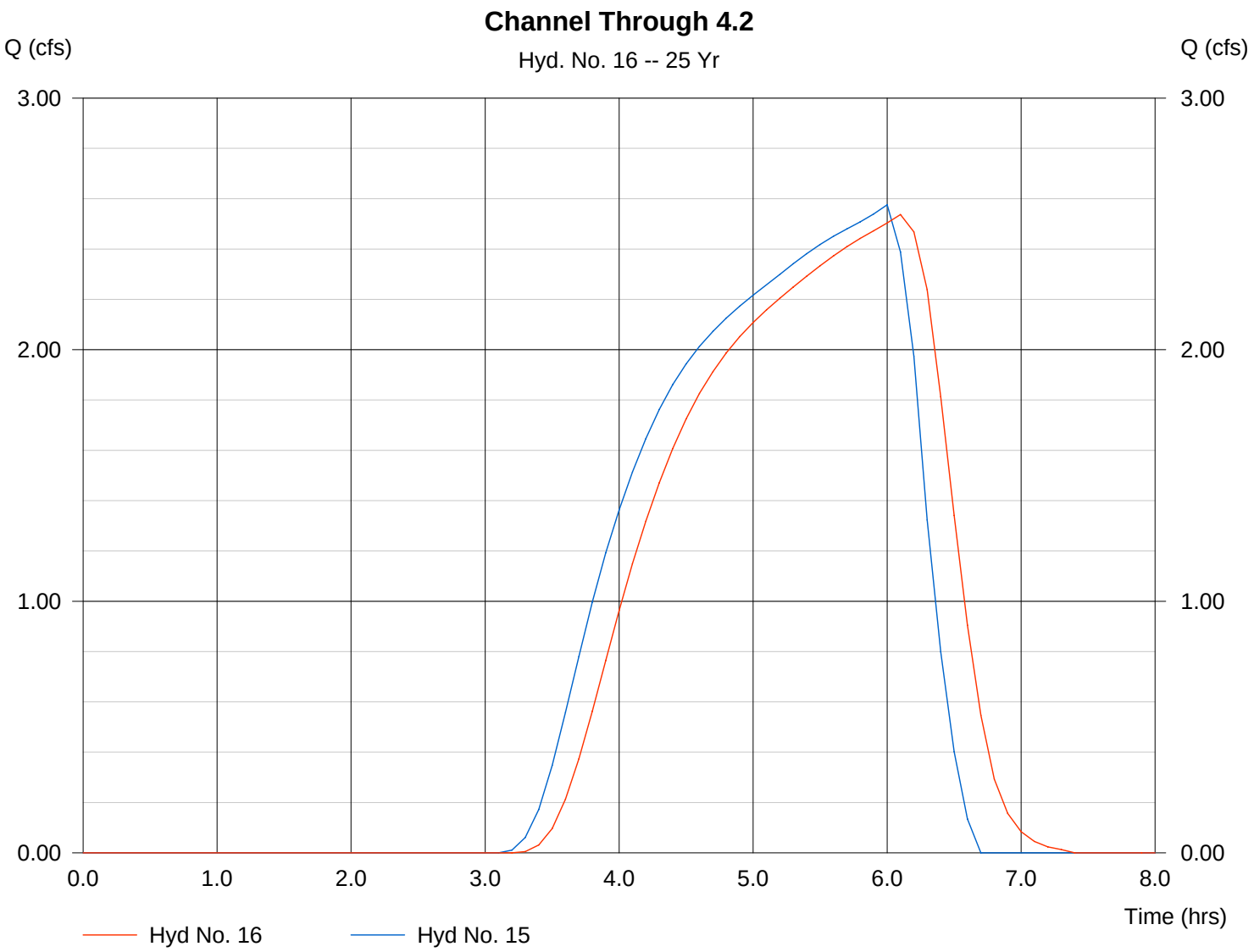
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 16

Channel Through 4.2

Hydrograph type	=	Reach	Peak discharge	=	2.54 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyd. No.	=	15	Section type	=	Trapezoidal
Reach length	=	5010.0 ft	Channel slope	=	10.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	3.998	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.4647

Modified Att-Kin routing method used. | Hydrograph Volume = 20,185 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

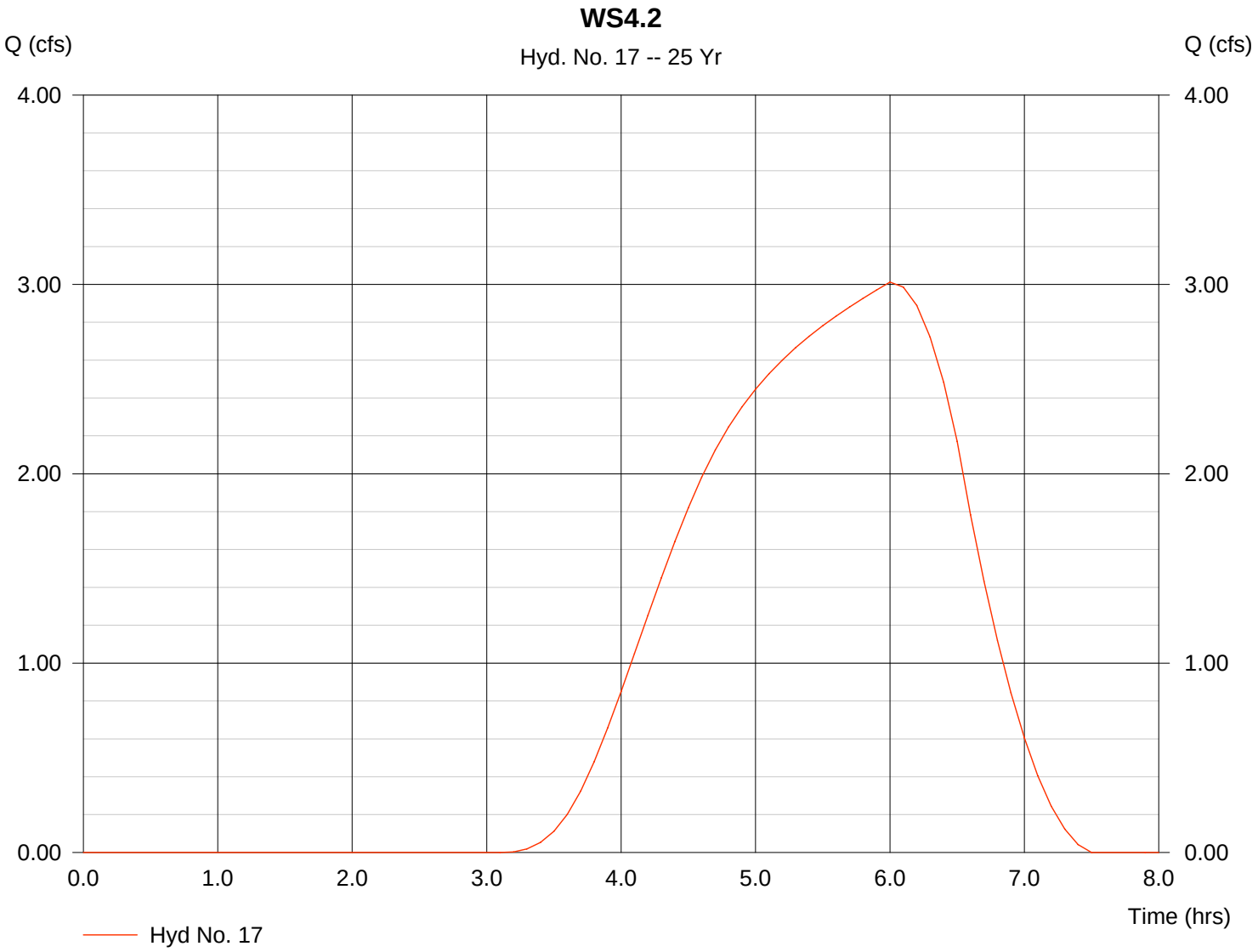
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 17

WS4.2

Hydrograph type	= SCS Runoff	Peak discharge	= 3.01 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 232.000 ac	Curve number	= 65
Basin Slope	= 10.4 %	Hydraulic length	= 5010 ft
Tc method	= LAG	Time of conc. (Tc)	= 54.60 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 24,784 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

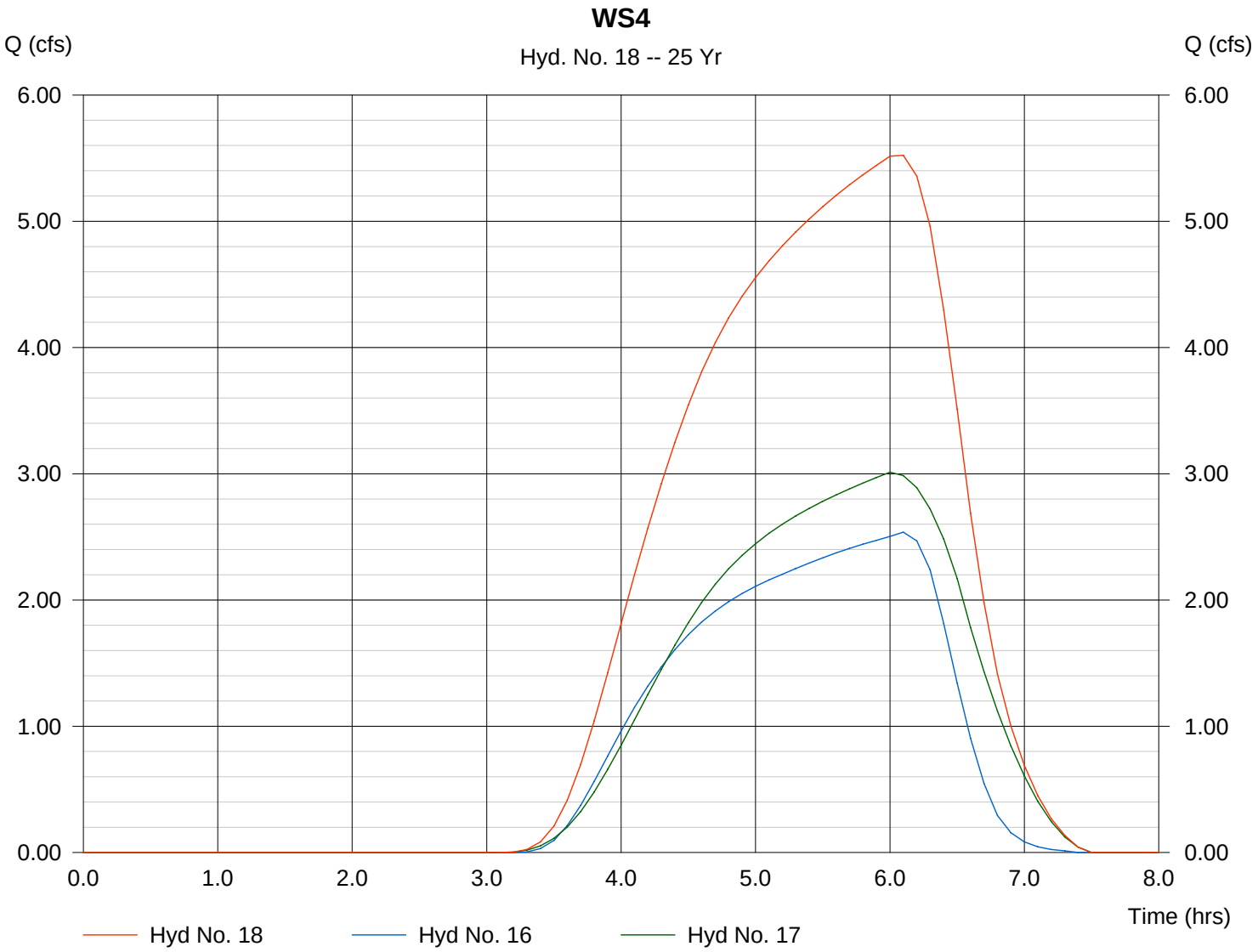
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 18

WS4

Hydrograph type	=	Combine	Peak discharge	=	5.52 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	16, 17			

Hydrograph Volume = 44,970 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

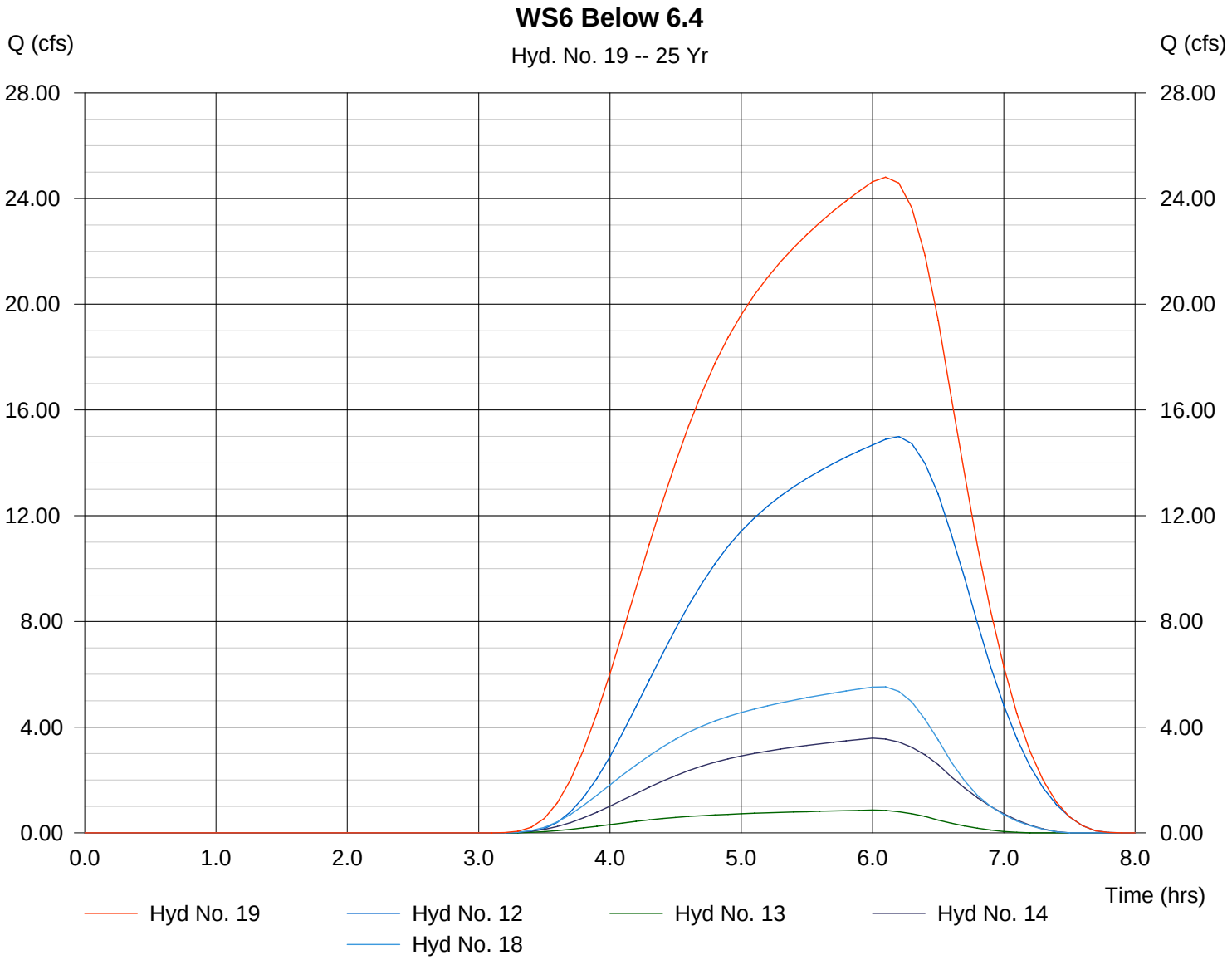
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 19

WS6 Below 6.4

Hydrograph type	=	Combine	Peak discharge	=	24.81 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	12, 13, 14, 18			

Hydrograph Volume = 204,868 cuft



Hydrograph Plot

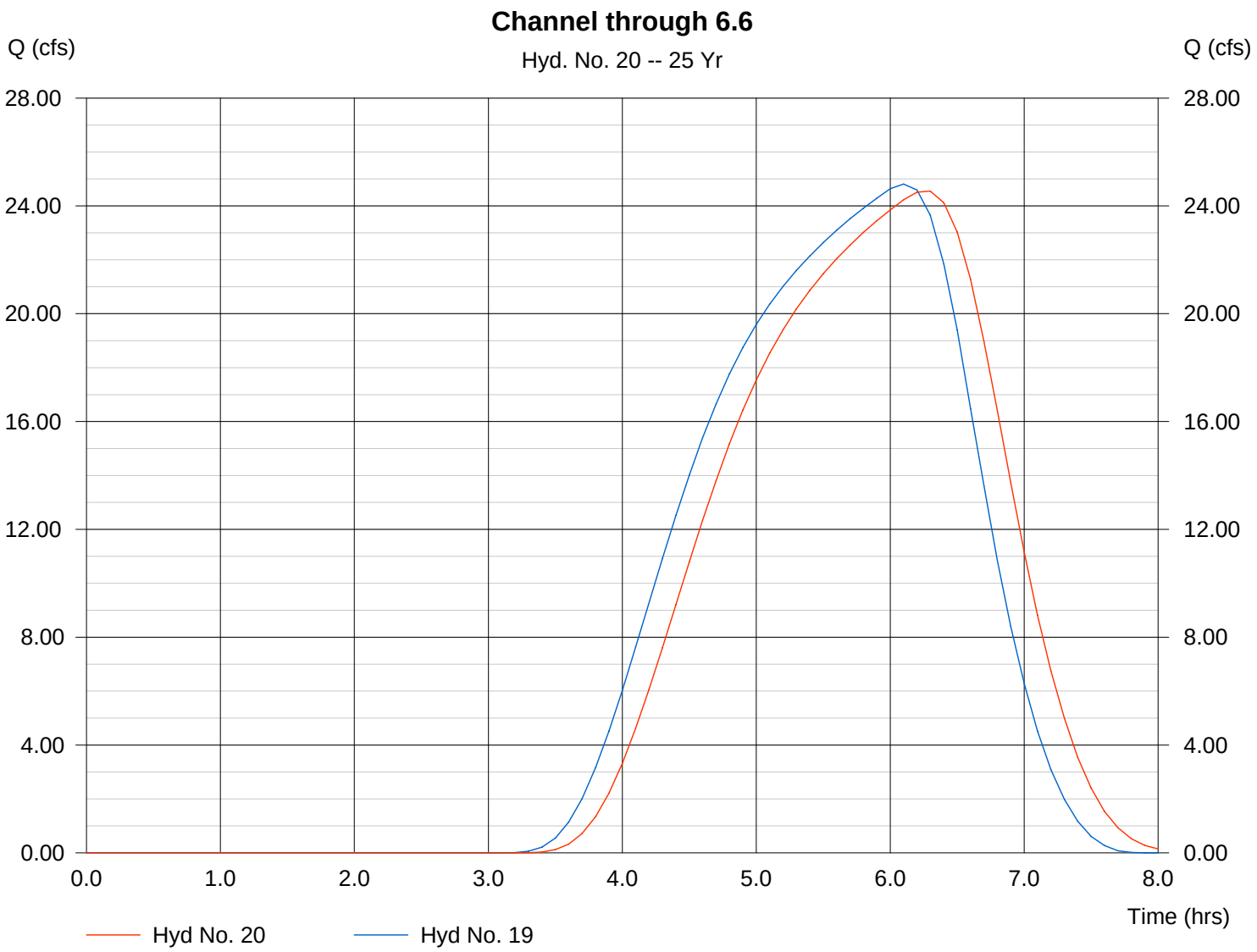
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 20

Channel through 6.6

Hydrograph type	=	Reach	Peak discharge	=	24.55 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyd. No.	=	19	Section type	=	Trapezoidal
Reach length	=	5730.0 ft	Channel slope	=	3.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.261	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.4807

Modified Att-Kin routing method used. | Hydrograph Volume = 204,864 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

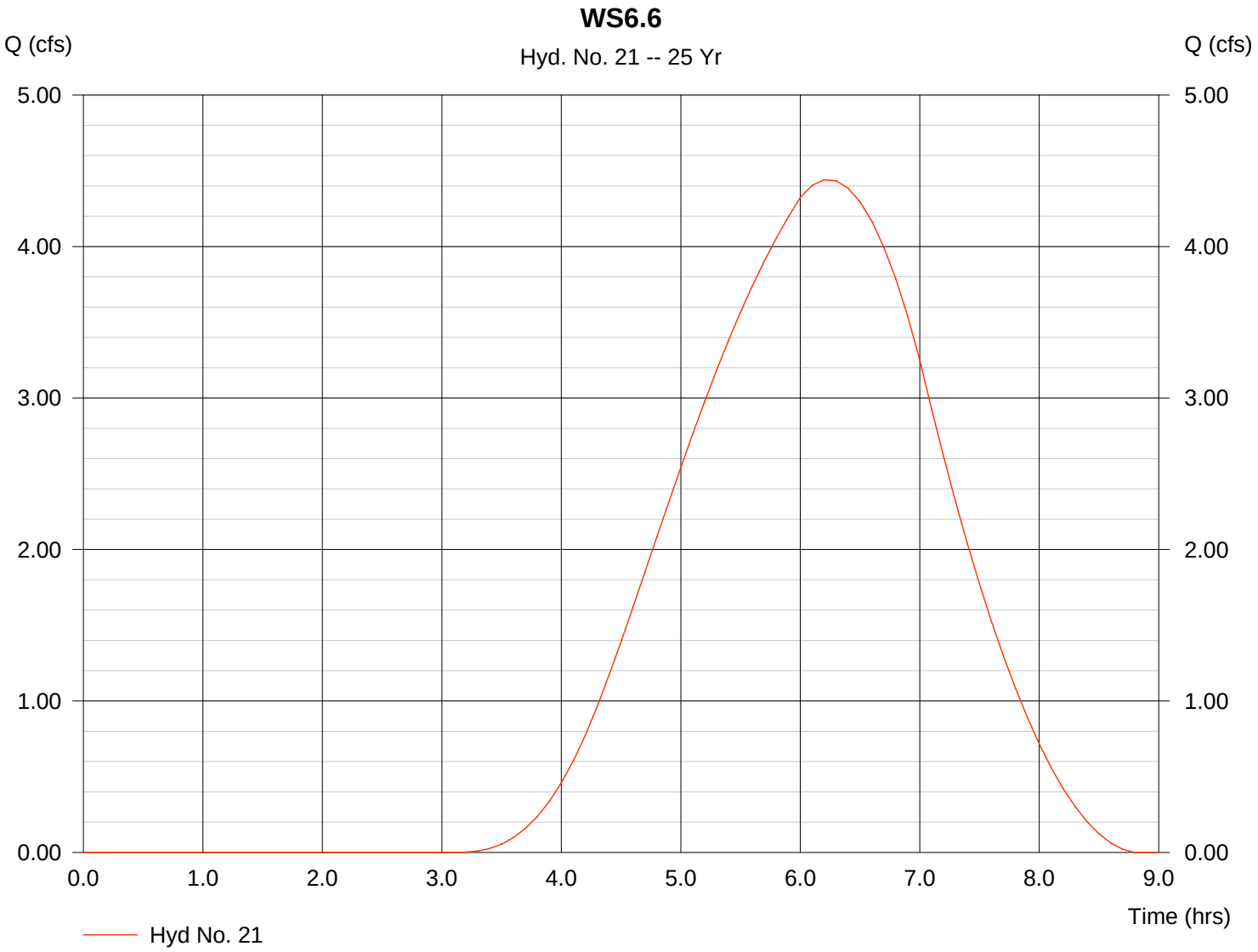
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 21

WS6.6

Hydrograph type	= SCS Runoff	Peak discharge	= 4.44 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 383.000 ac	Curve number	= 65
Basin Slope	= 3.3 %	Hydraulic length	= 5730 ft
Tc method	= LAG	Time of conc. (Tc)	= 107.50 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 40,451 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

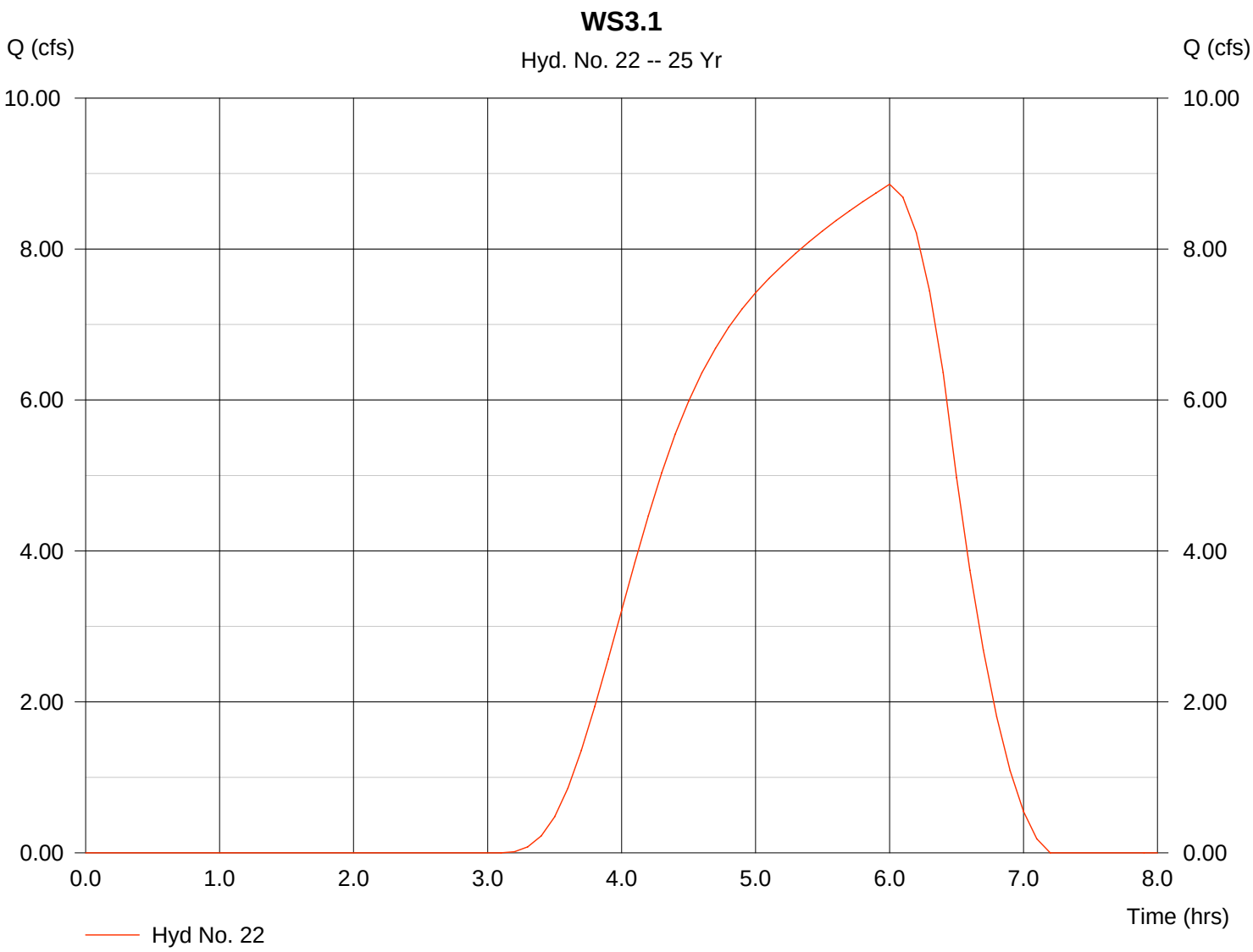
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 22

WS3.1

Hydrograph type	= SCS Runoff	Peak discharge	= 8.86 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 687.000 ac	Curve number	= 65
Basin Slope	= 24.2 %	Hydraulic length	= 7090 ft
Tc method	= LAG	Time of conc. (Tc)	= 47.20 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 71,557 cuft



Hydrograph Plot

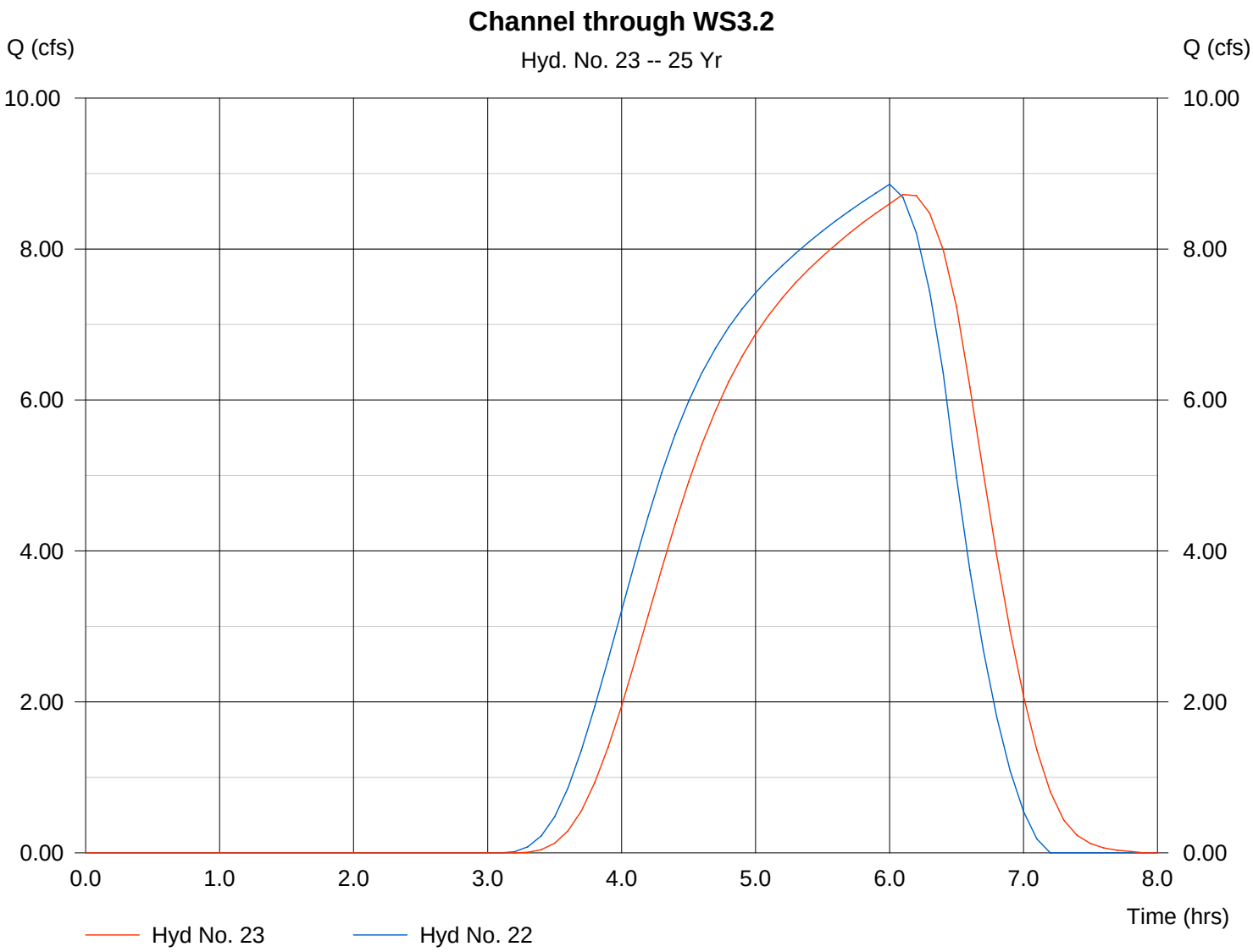
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 23

Channel through WS3.2

Hydrograph type	=	Reach	Peak discharge	=	8.72 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyd. No.	=	22	Section type	=	Trapezoidal
Reach length	=	4980.0 ft	Channel slope	=	4.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.609	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.4673

Modified Att-Kin routing method used. | Hydrograph Volume = 71,549 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

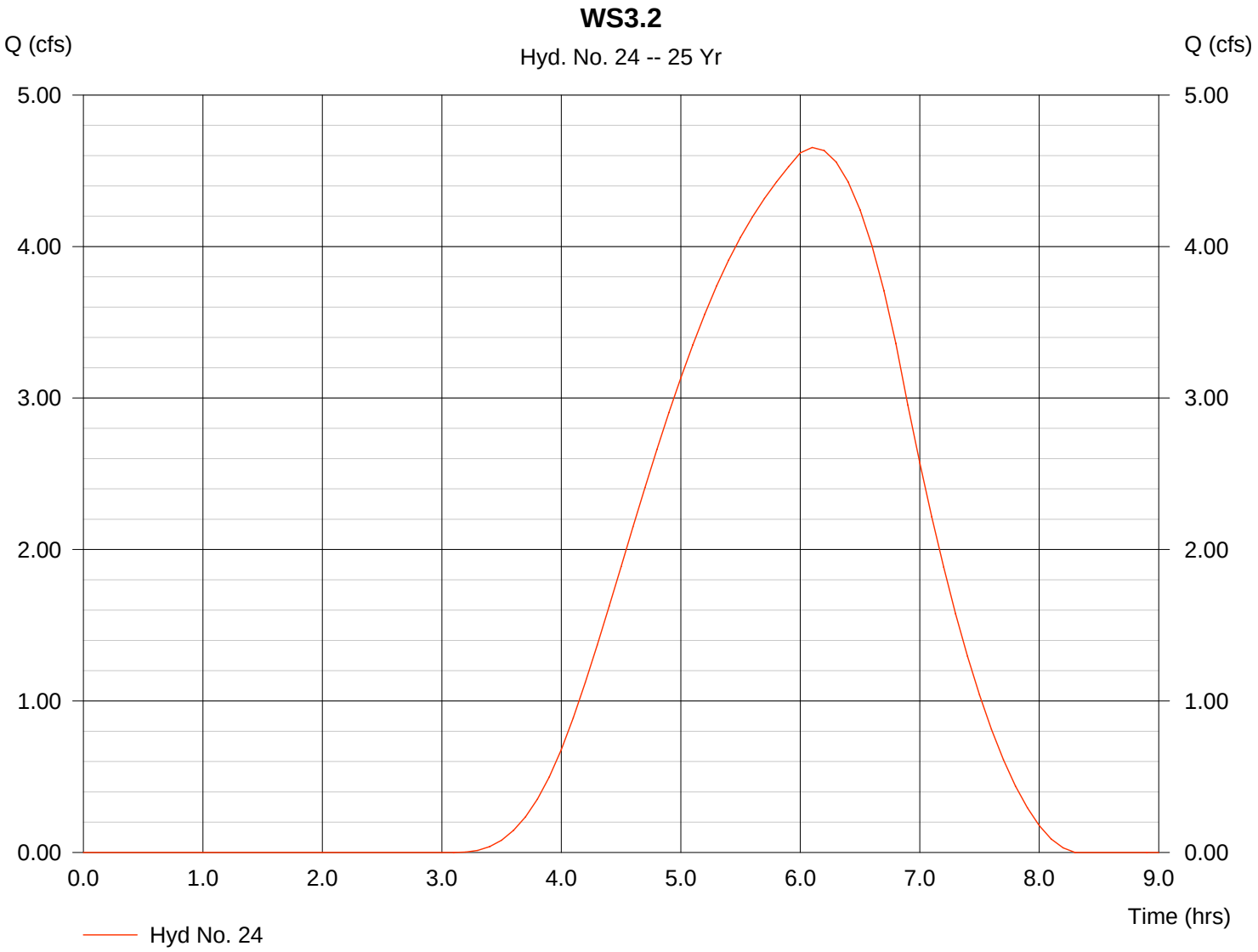
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 24

WS3.2

Hydrograph type	= SCS Runoff	Peak discharge	= 4.65 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 379.000 ac	Curve number	= 65
Basin Slope	= 4.4 %	Hydraulic length	= 4980 ft
Tc method	= LAG	Time of conc. (Tc)	= 83.30 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 40,488 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

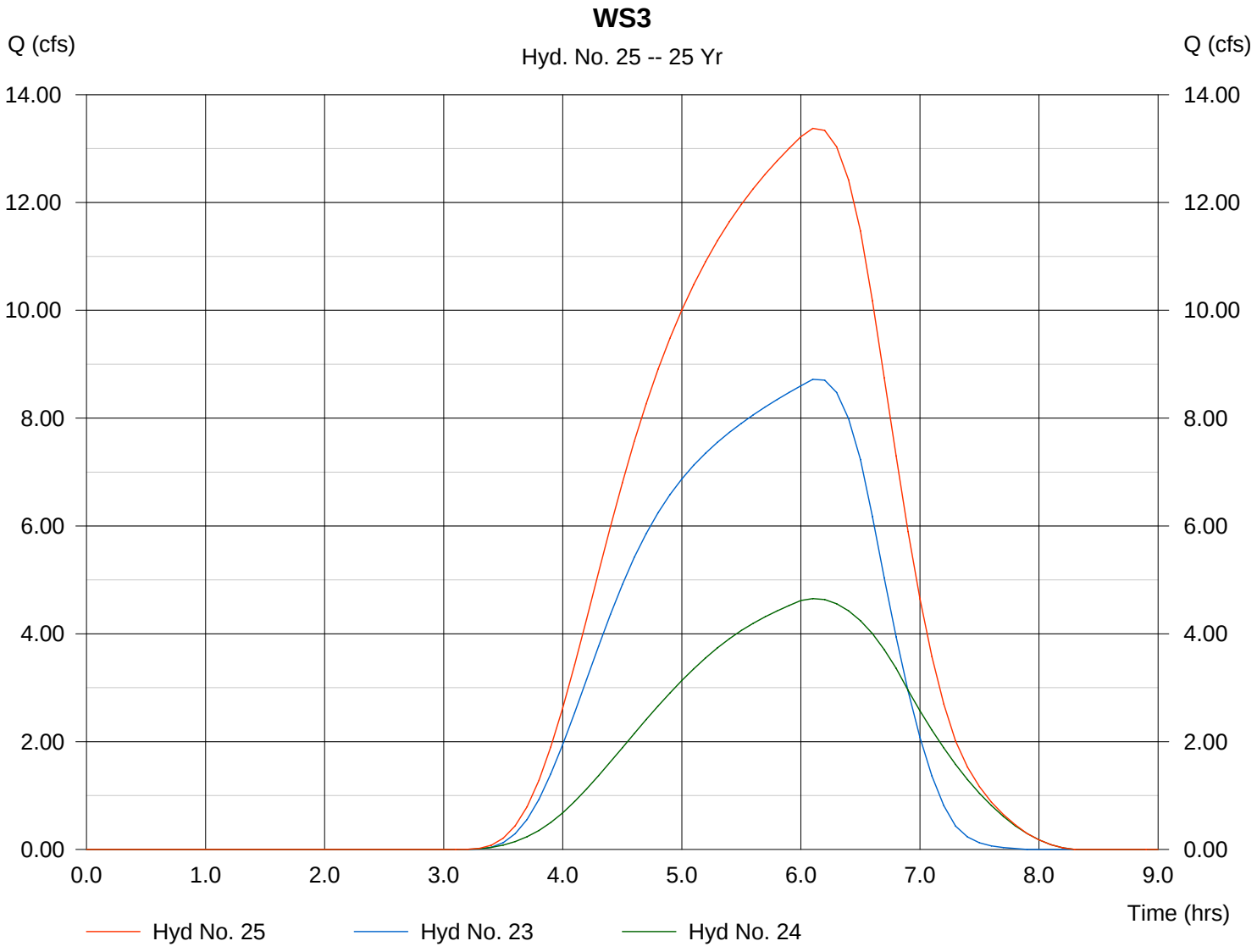
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 25

WS3

Hydrograph type	=	Combine	Peak discharge	=	13.38 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	23, 24			

Hydrograph Volume = 112,038 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

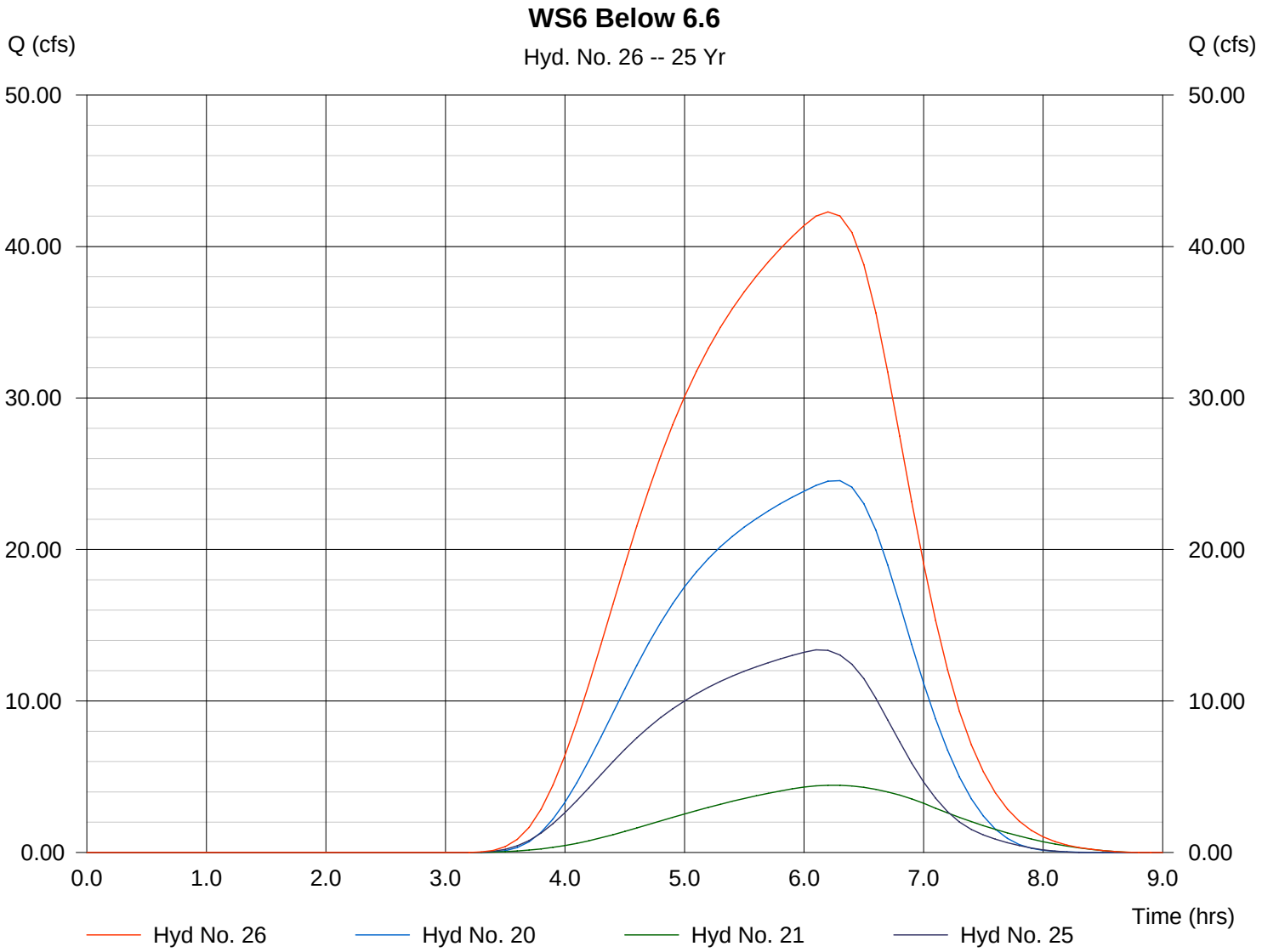
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 26

WS6 Below 6.6

Hydrograph type	=	Combine	Peak discharge	=	42.29 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	20, 21, 25			

Hydrograph Volume = 357,352 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

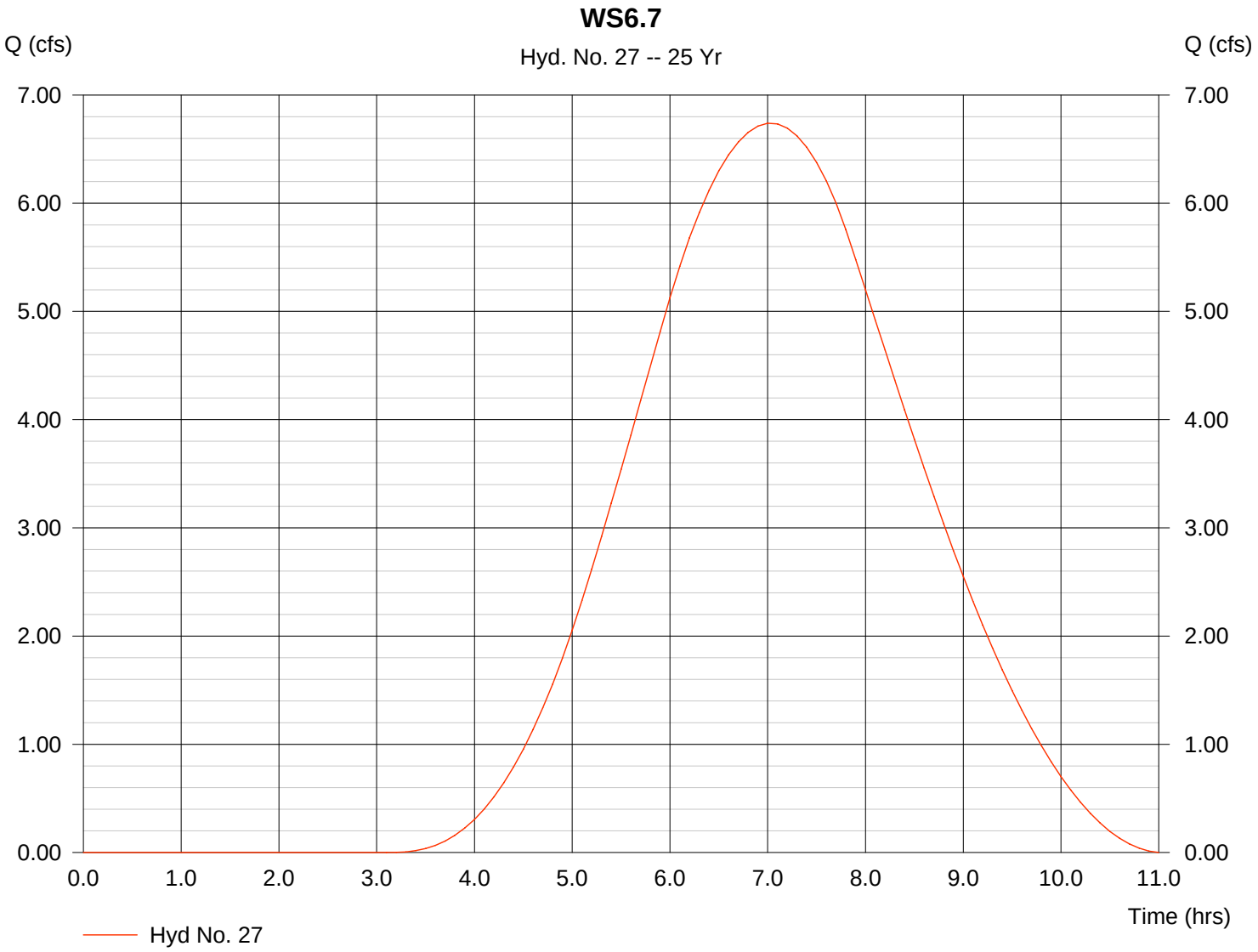
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 27

WS6.7

Hydrograph type	= SCS Runoff	Peak discharge	= 6.74 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 760.000 ac	Curve number	= 65
Basin Slope	= 2.9 %	Hydraulic length	= 10770 ft
Tc method	= LAG	Time of conc. (Tc)	= 191.30 min
Total precip.	= 1.49 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 81,724 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

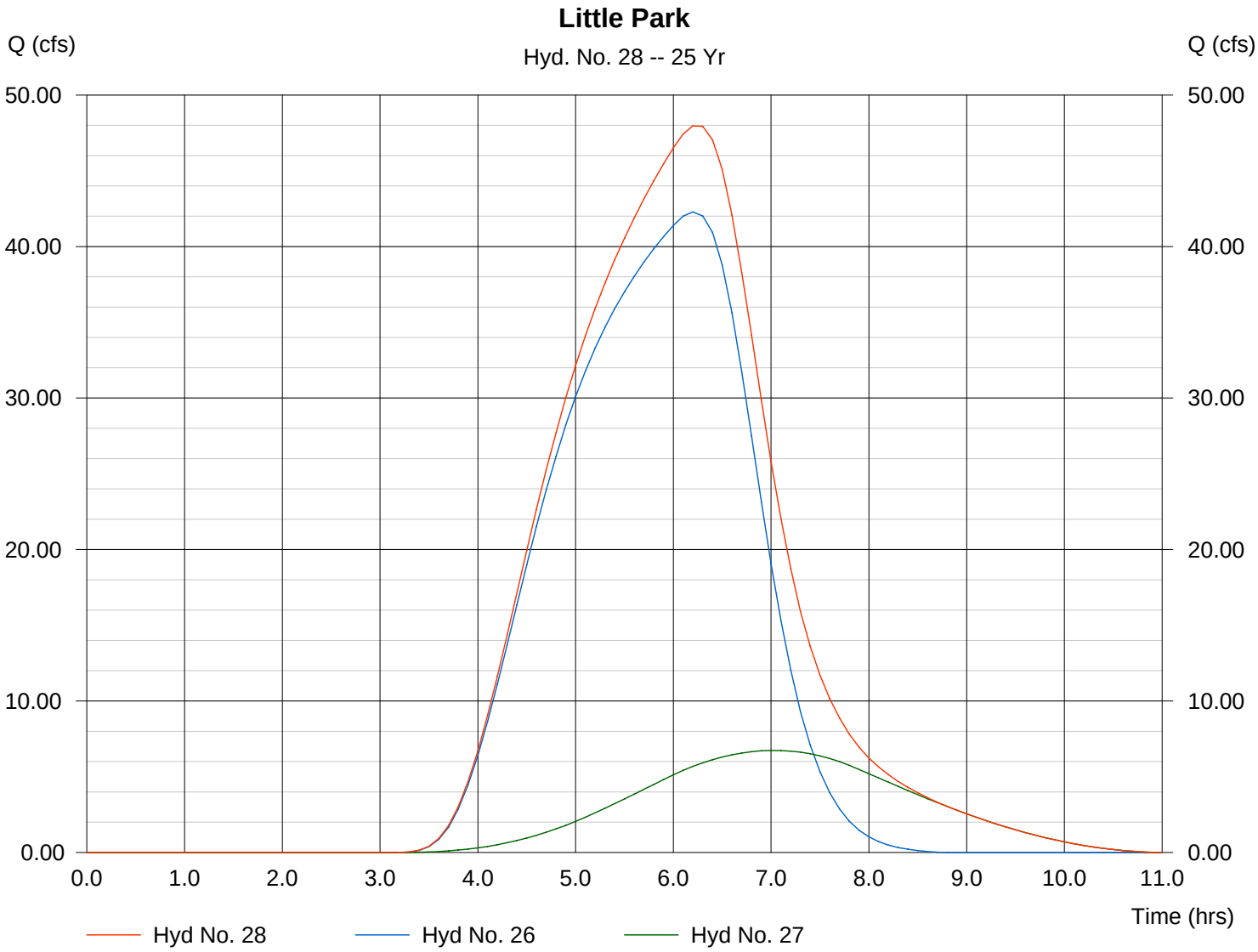
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 28

Little Park

Hydrograph type	=	Combine	Peak discharge	=	47.97 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	26, 27			

Hydrograph Volume = 439,076 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

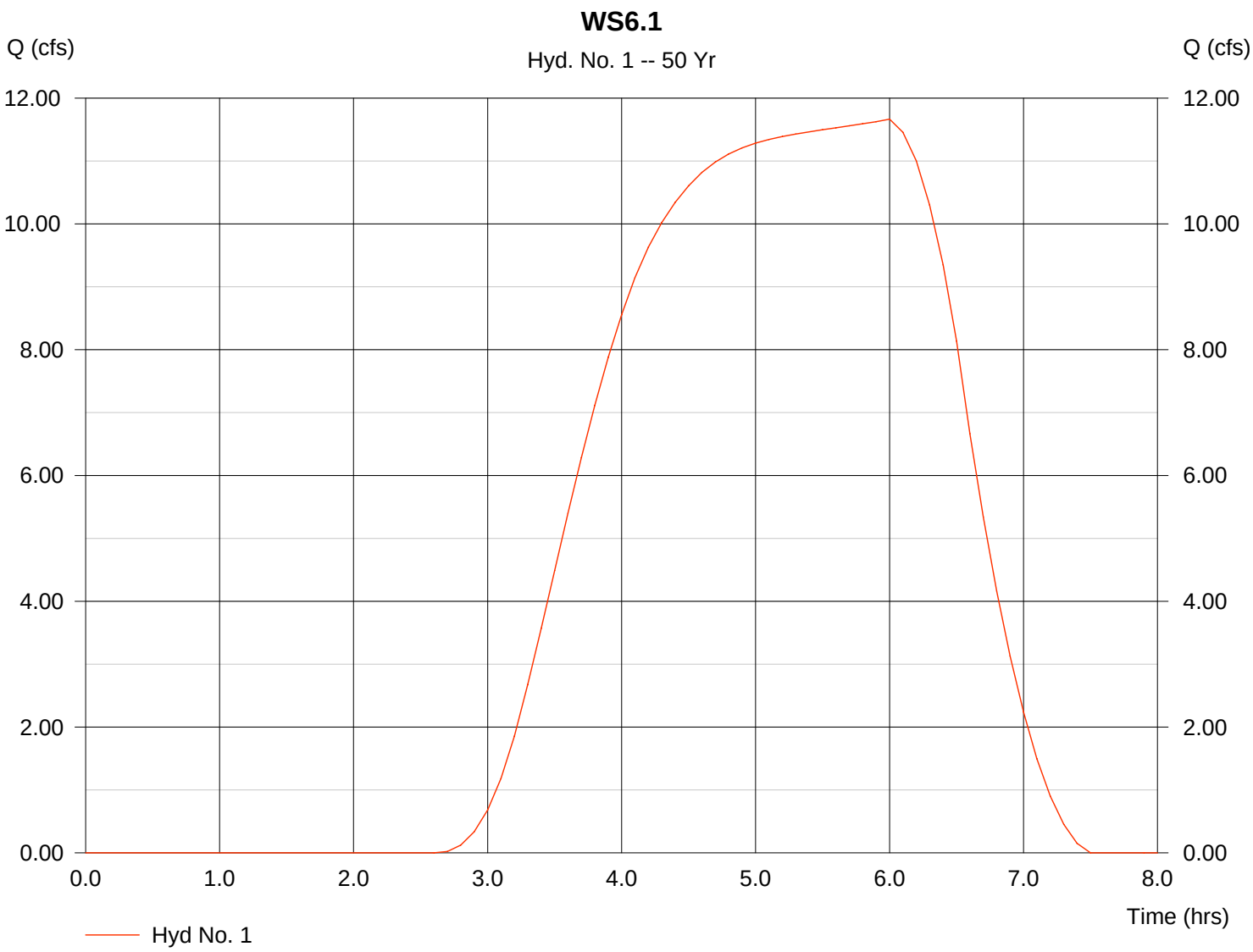
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 1

WS6.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.66 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	499.000 ac	Curve number	=	65
Basin Slope	=	20.8 %	Hydraulic length	=	7930 ft
Tc method	=	LAG	Time of conc. (Tc)	=	55.70 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 124,265 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

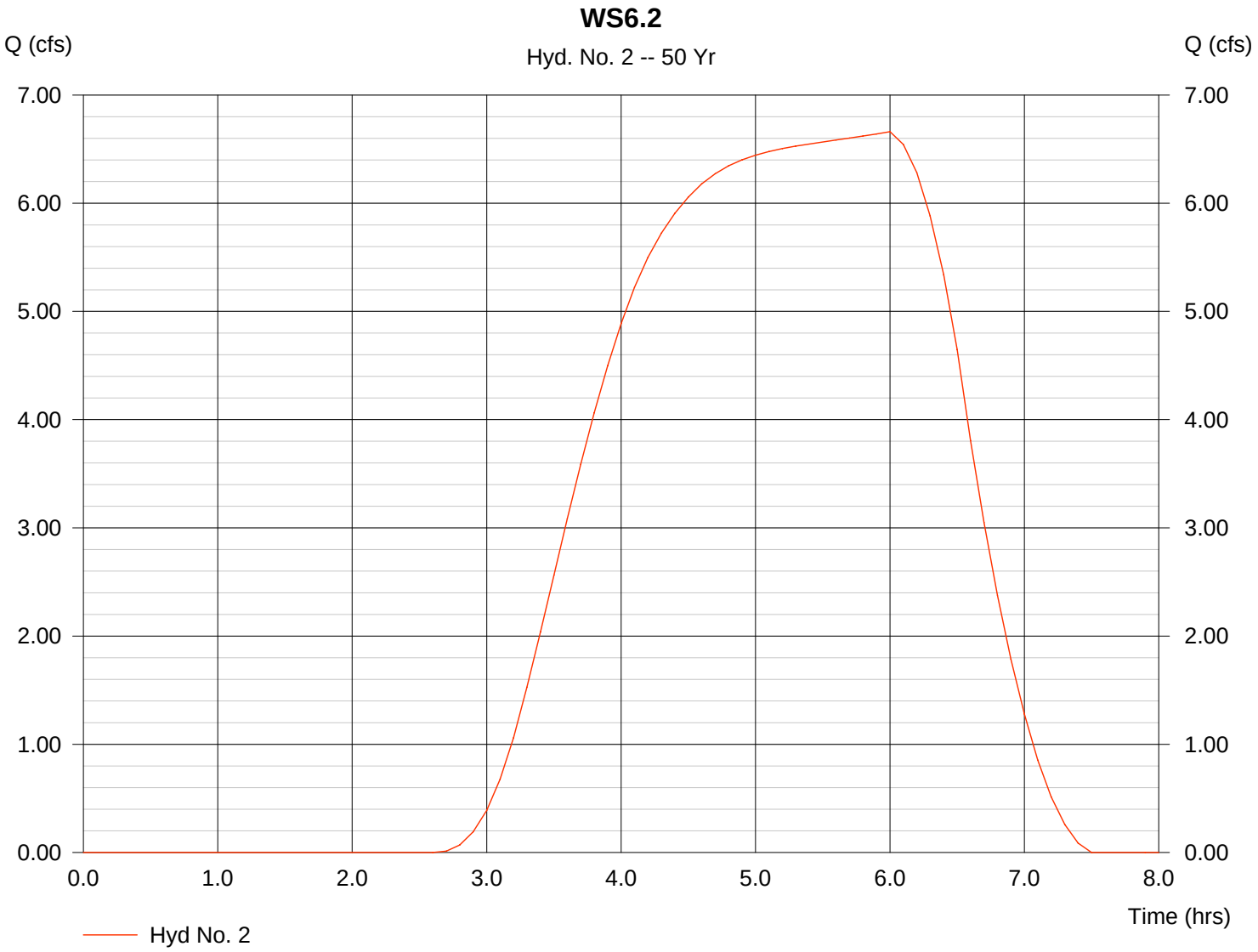
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 2

WS6.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.66 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	285.000 ac	Curve number	=	65
Basin Slope	=	19.3 %	Hydraulic length	=	6790 ft
Tc method	=	LAG	Time of conc. (Tc)	=	51.10 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 70,973 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

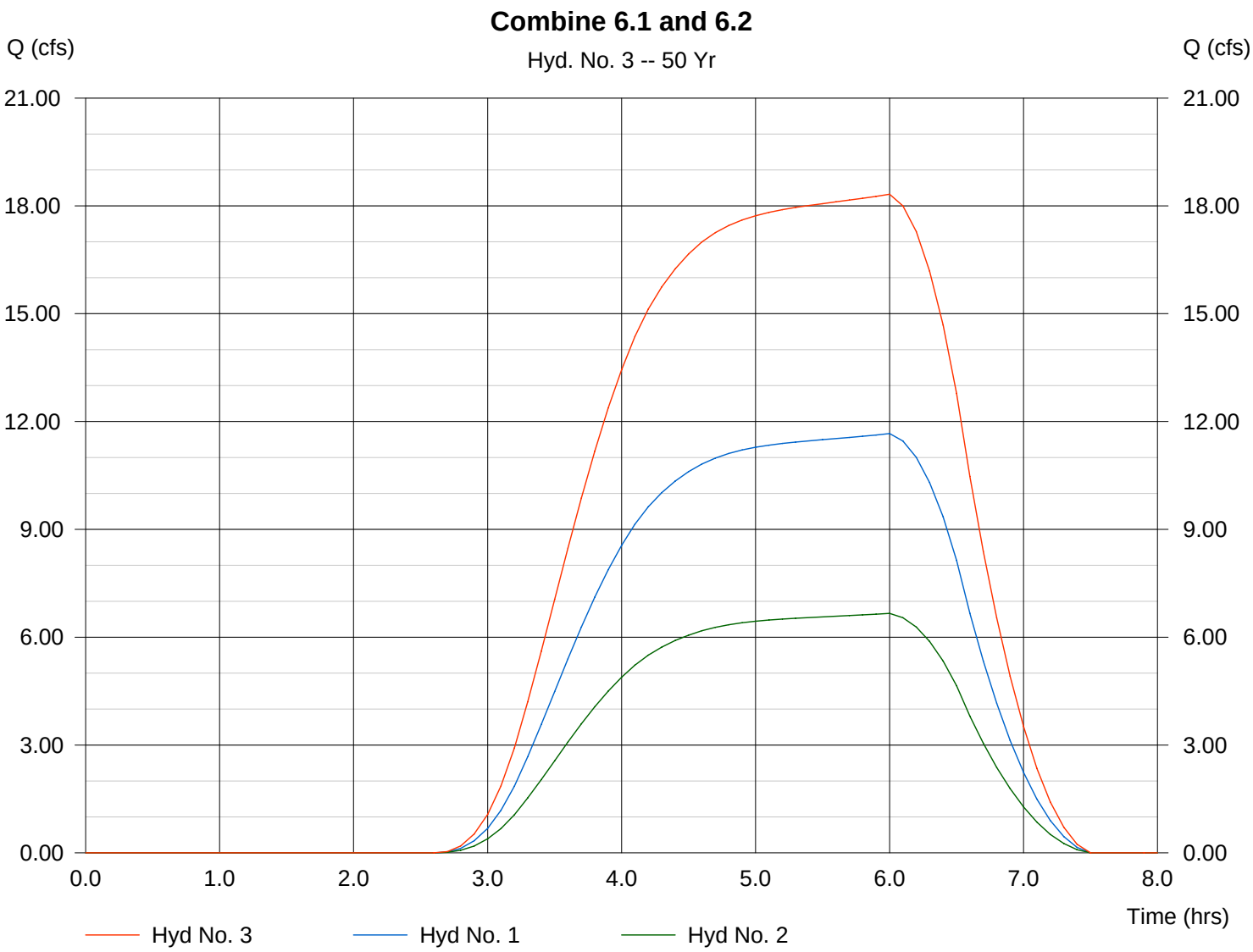
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 3

Combine 6.1 and 6.2

Hydrograph type	=	Combine	Peak discharge	=	18.33 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	1, 2			

Hydrograph Volume = 195,238 cuft



Hydrograph Plot

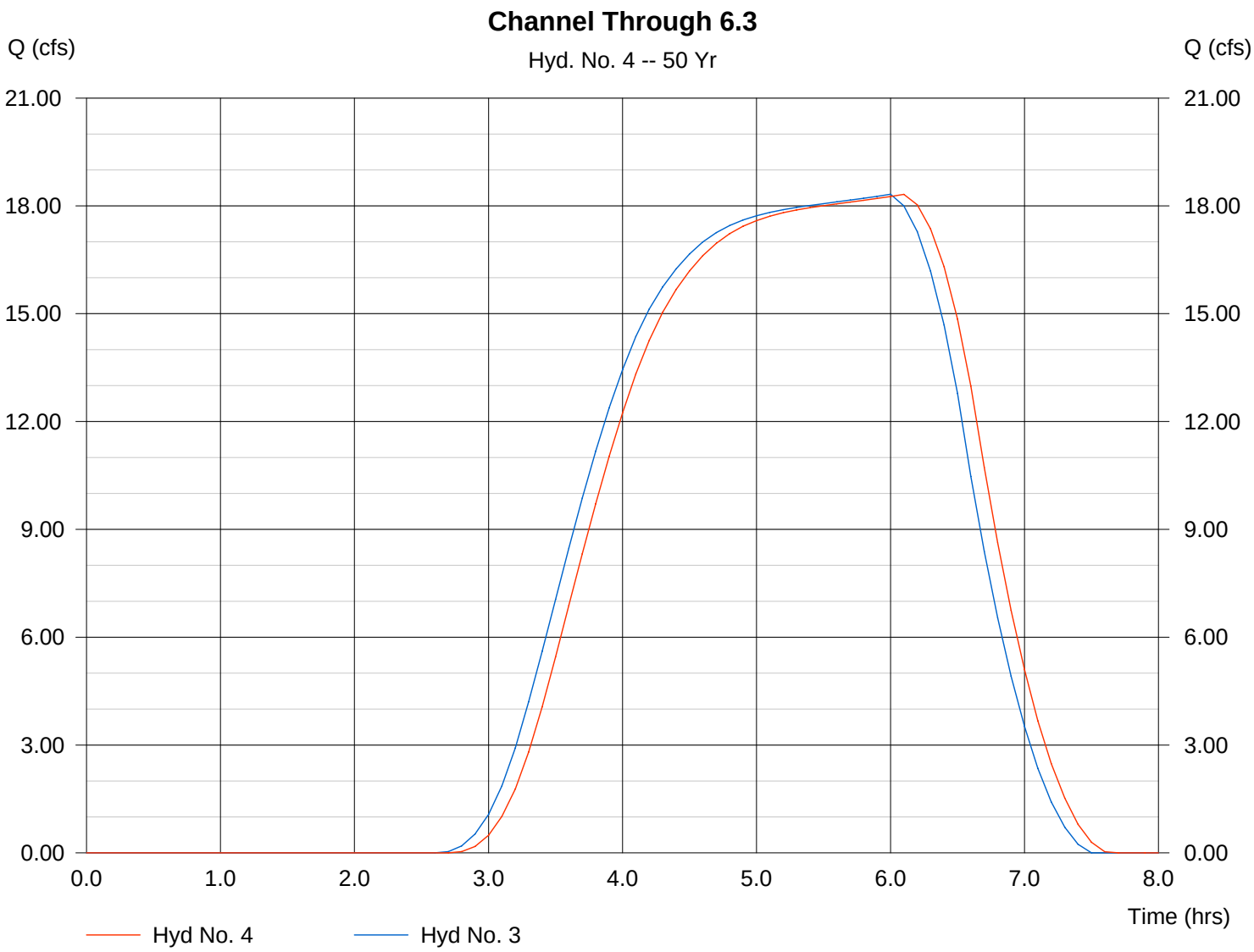
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 4

Channel Through 6.3

Hydrograph type	=	Reach	Peak discharge	=	18.32 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyd. No.	=	3	Section type	=	Trapezoidal
Reach length	=	2170.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.528	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.8990

Modified Att-Kin routing method used. | Hydrograph Volume = 195,237 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

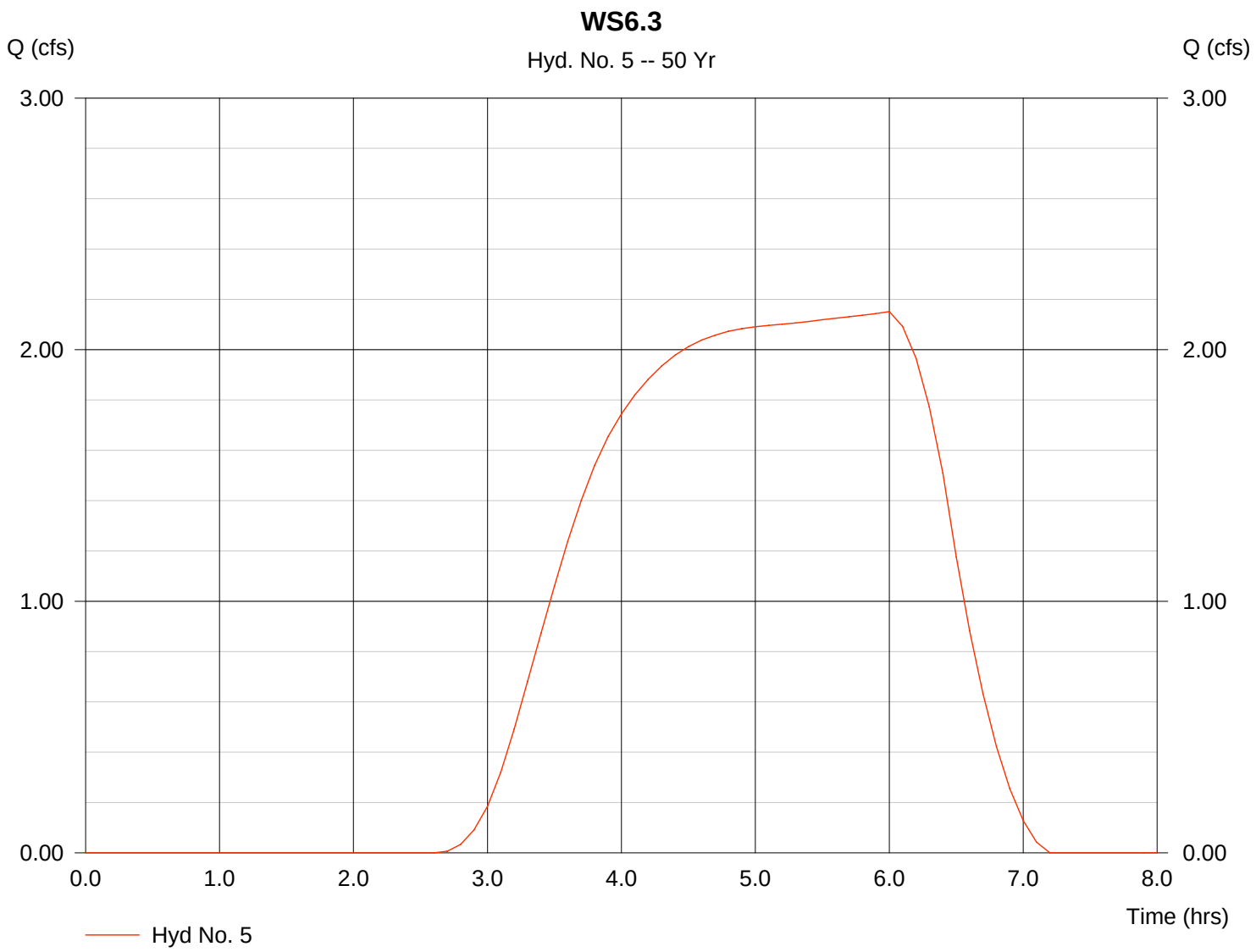
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 5

WS6.3

Hydrograph type	= SCS Runoff	Peak discharge	= 2.15 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 94.000 ac	Curve number	= 65
Basin Slope	= 4.2 %	Hydraulic length	= 2170 ft
Tc method	= LAG	Time of conc. (Tc)	= 44.20 min
Total precip.	= 1.72 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 22,823 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

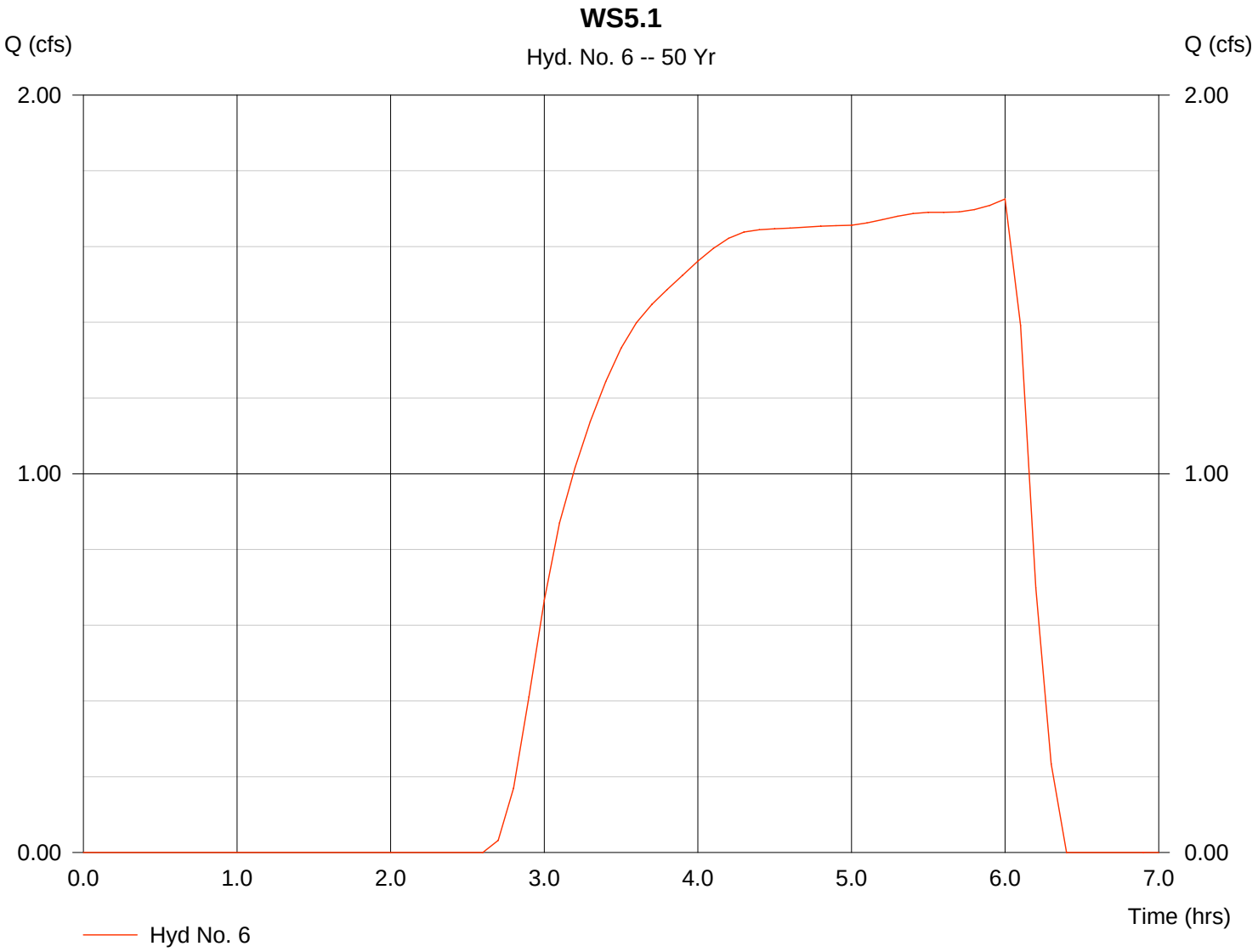
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 6

WS5.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.73 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	77.000 ac	Curve number	=	65
Basin Slope	=	44.8 %	Hydraulic length	=	2230 ft
Tc method	=	LAG	Time of conc. (Tc)	=	13.70 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 17,977 cuft



Hydrograph Plot

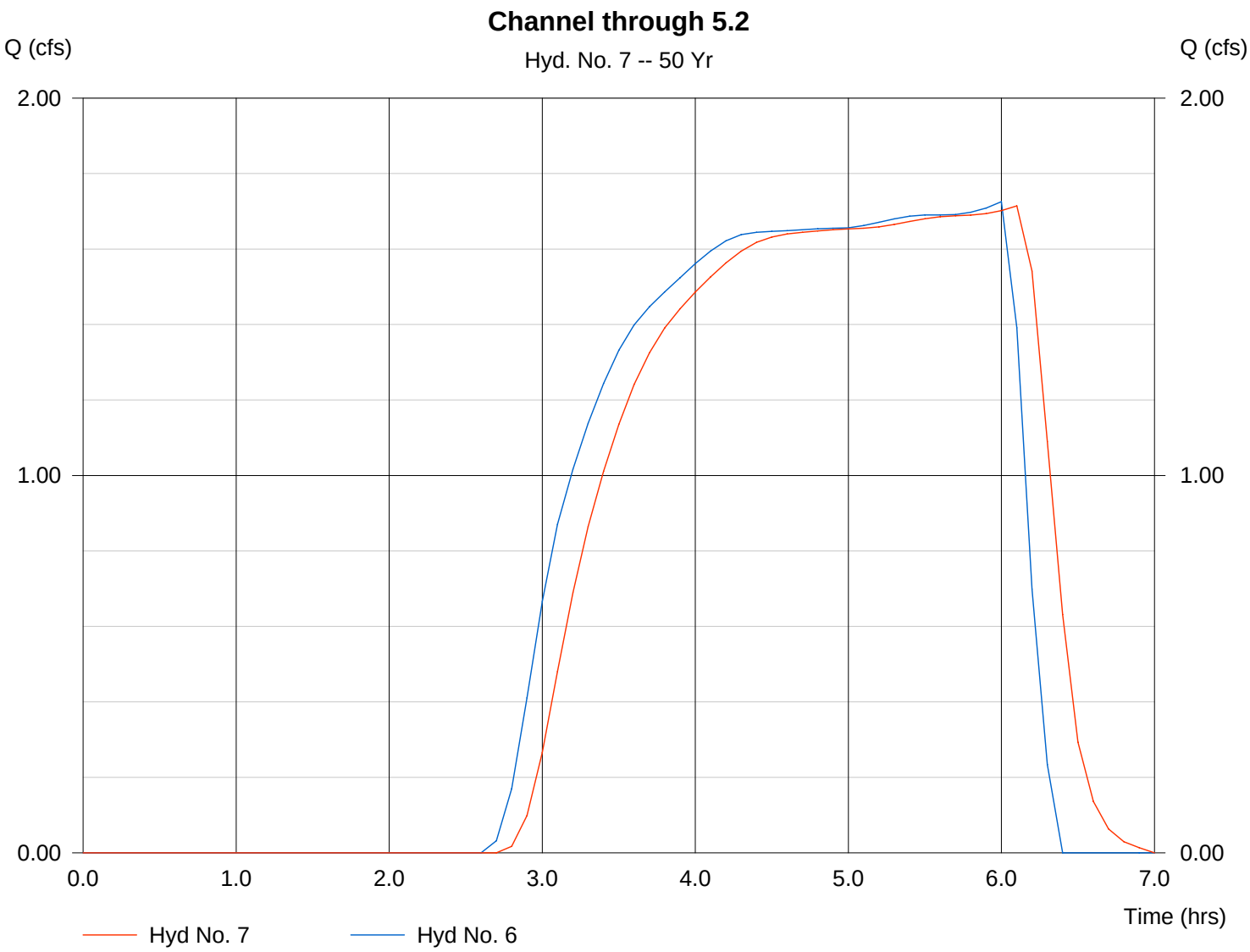
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 7

Channel through 5.2

Hydrograph type	=	Reach	Peak discharge	=	1.71 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyd. No.	=	6	Section type	=	Trapezoidal
Reach length	=	4550.0 ft	Channel slope	=	13.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	4.506	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.5355

Modified Att-Kin routing method used. | Hydrograph Volume = 17,972 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

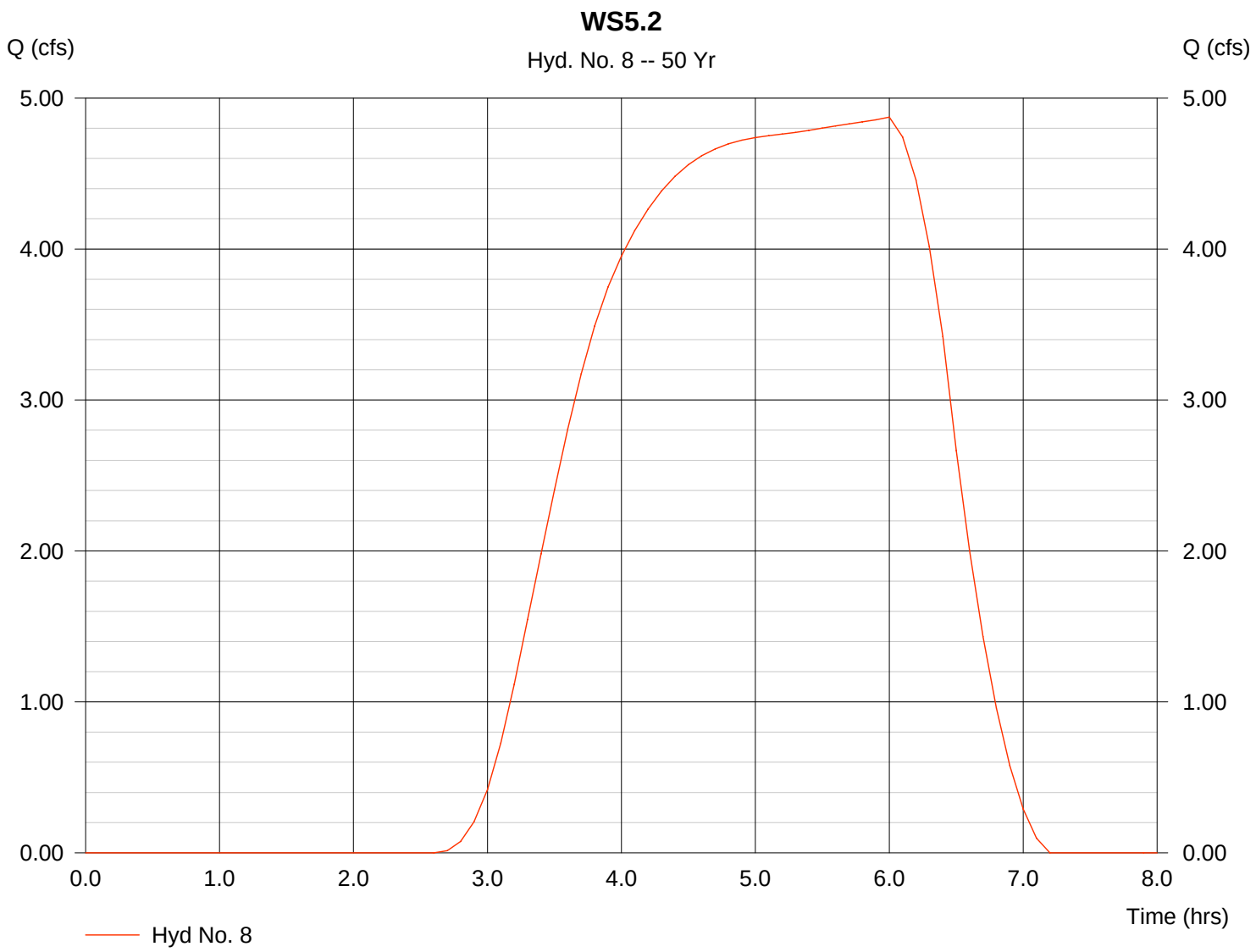
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 8

WS5.2

Hydrograph type	= SCS Runoff	Peak discharge	= 4.87 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 213.000 ac	Curve number	= 65
Basin Slope	= 13.2 %	Hydraulic length	= 4550 ft
Tc method	= LAG	Time of conc. (Tc)	= 44.80 min
Total precip.	= 1.72 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 51,717 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

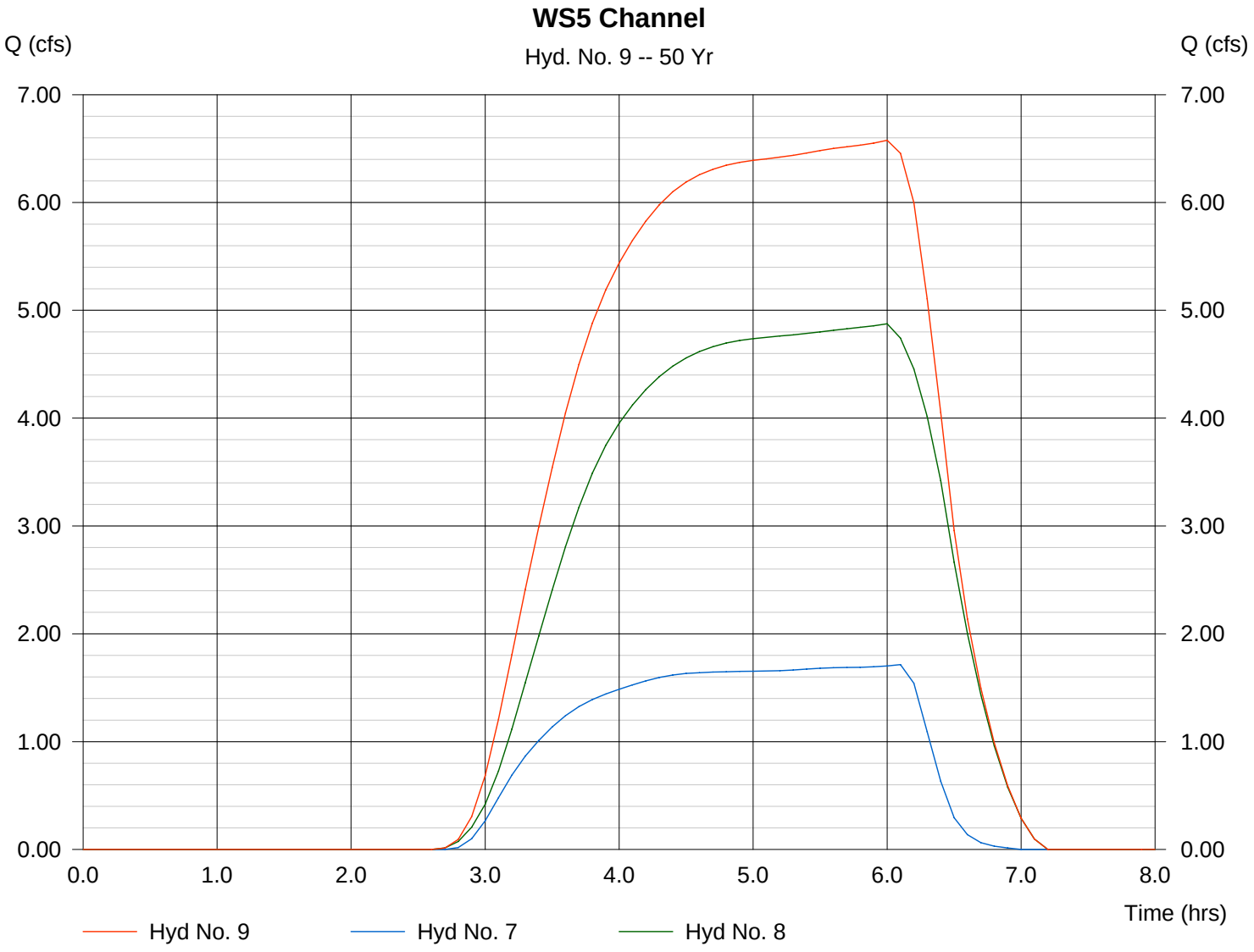
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 9

WS5 Channel

Hydrograph type	=	Combine	Peak discharge	=	6.58 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	7, 8			

Hydrograph Volume = 69,689 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

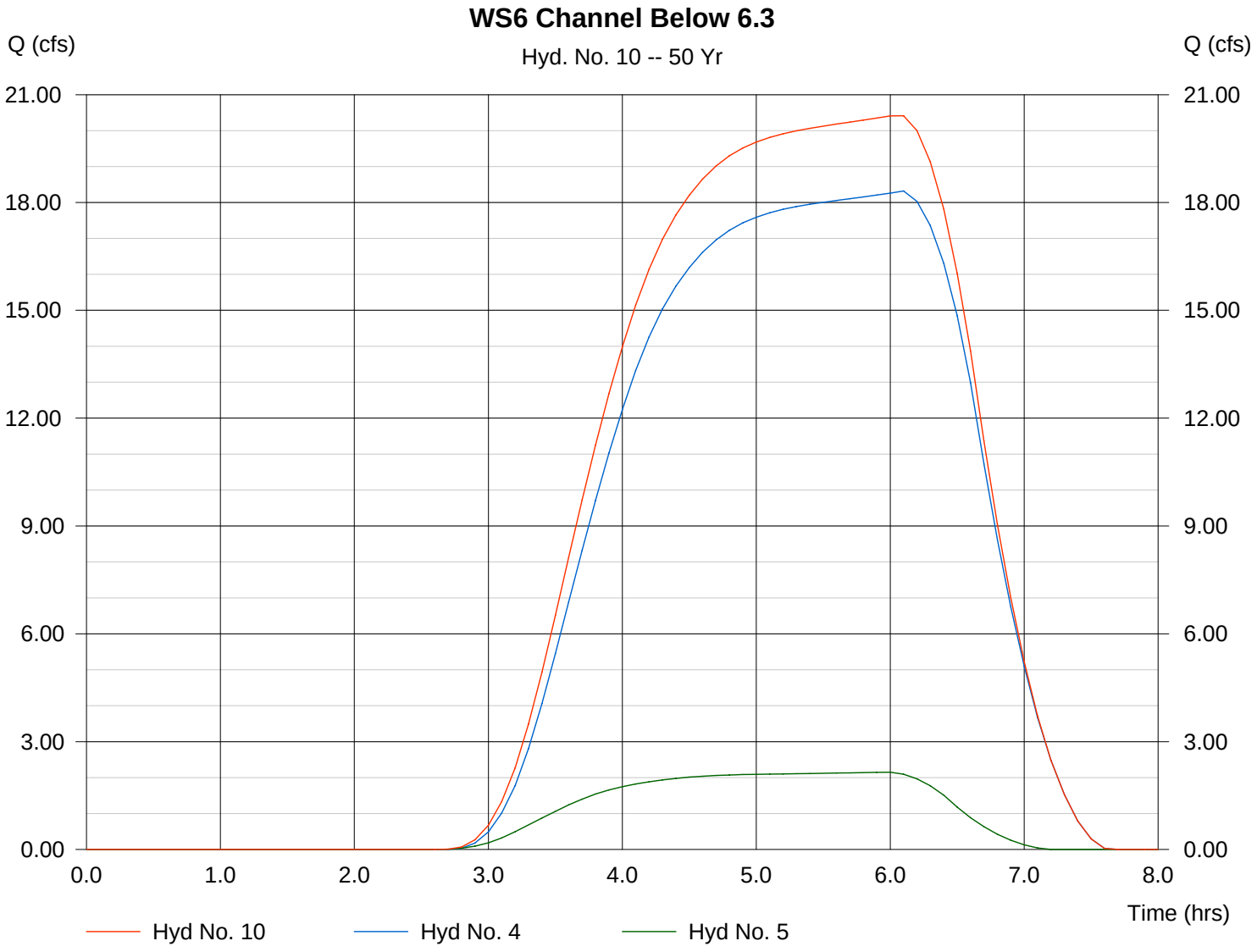
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 10

WS6 Channel Below 6.3

Hydrograph type	=	Combine	Peak discharge	=	20.41 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	4, 5			

Hydrograph Volume = 218,060 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

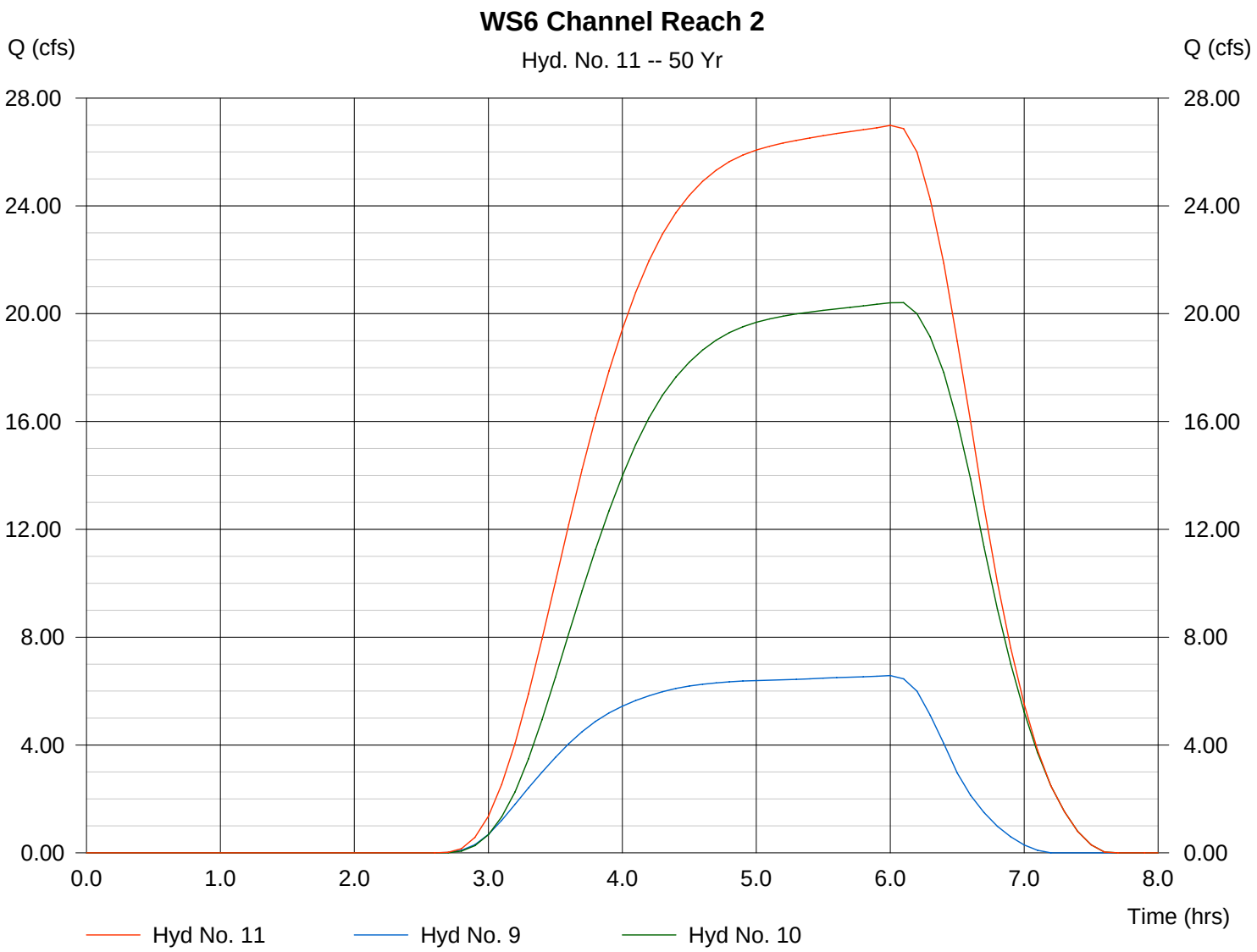
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 11

WS6 Channel Reach 2

Hydrograph type	=	Combine	Peak discharge	=	26.99 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	9, 10			

Hydrograph Volume = 287,749 cuft



Hydrograph Plot

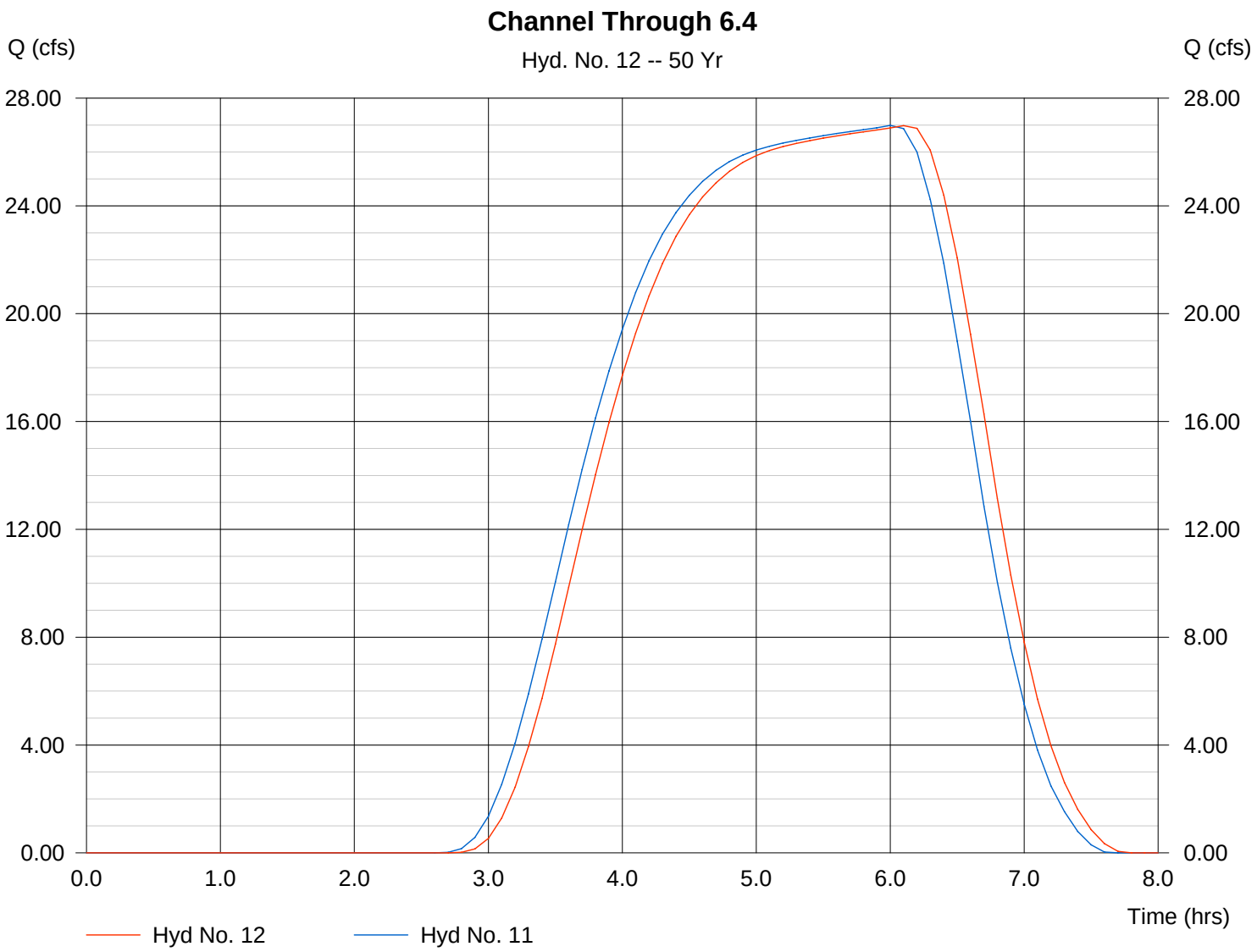
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 12

Channel Through 6.4

Hydrograph type	=	Reach	Peak discharge	=	26.98 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyd. No.	=	11	Section type	=	Trapezoidal
Reach length	=	2370.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.549	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.9163

Modified Att-Kin routing method used. | Hydrograph Volume = 287,747 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

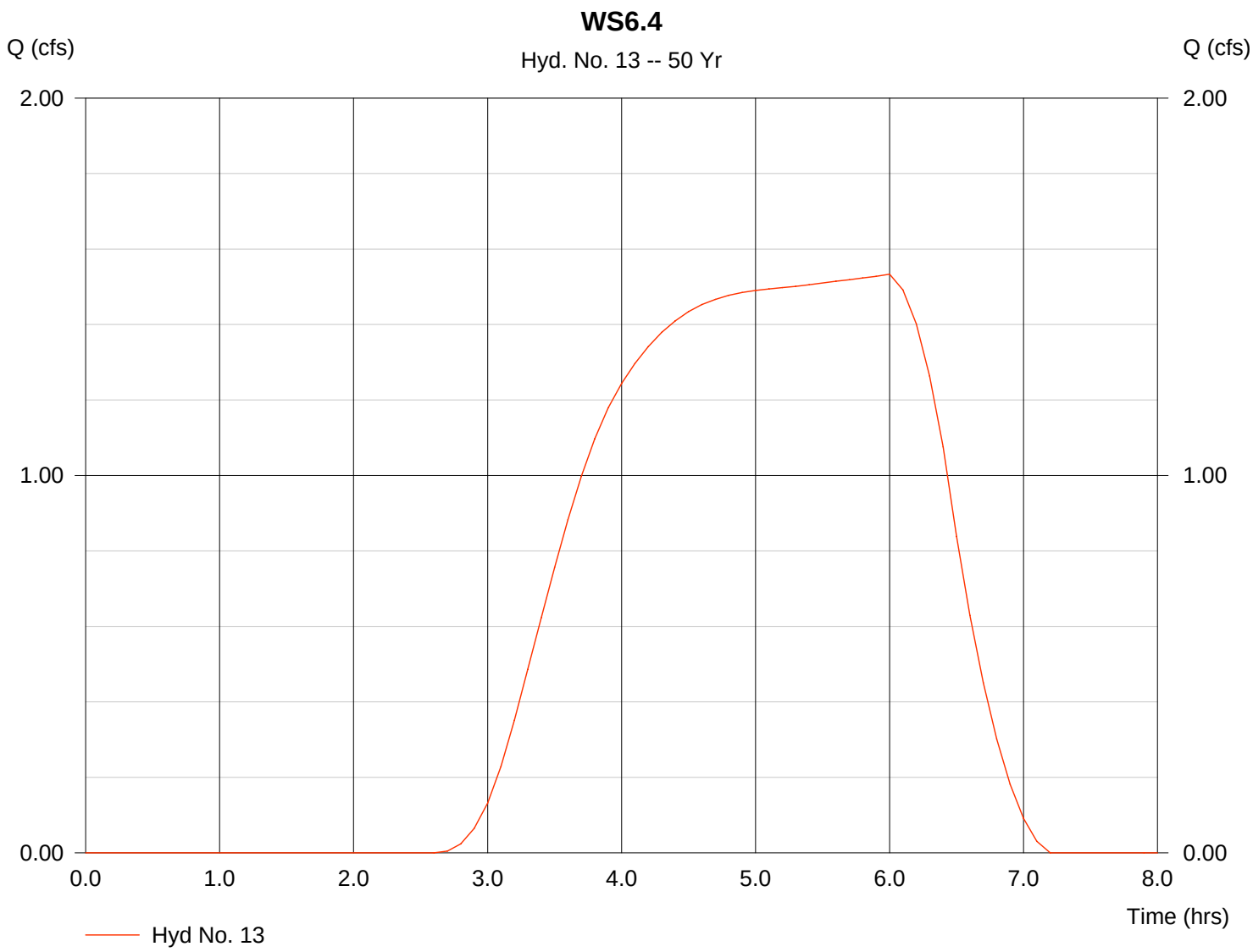
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 13

WS6.4

Hydrograph type	= SCS Runoff	Peak discharge	= 1.53 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 67.000 ac	Curve number	= 65
Basin Slope	= 4.2 %	Hydraulic length	= 2370 ft
Tc method	= LAG	Time of conc. (Tc)	= 47.00 min
Total precip.	= 1.72 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 16,268 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

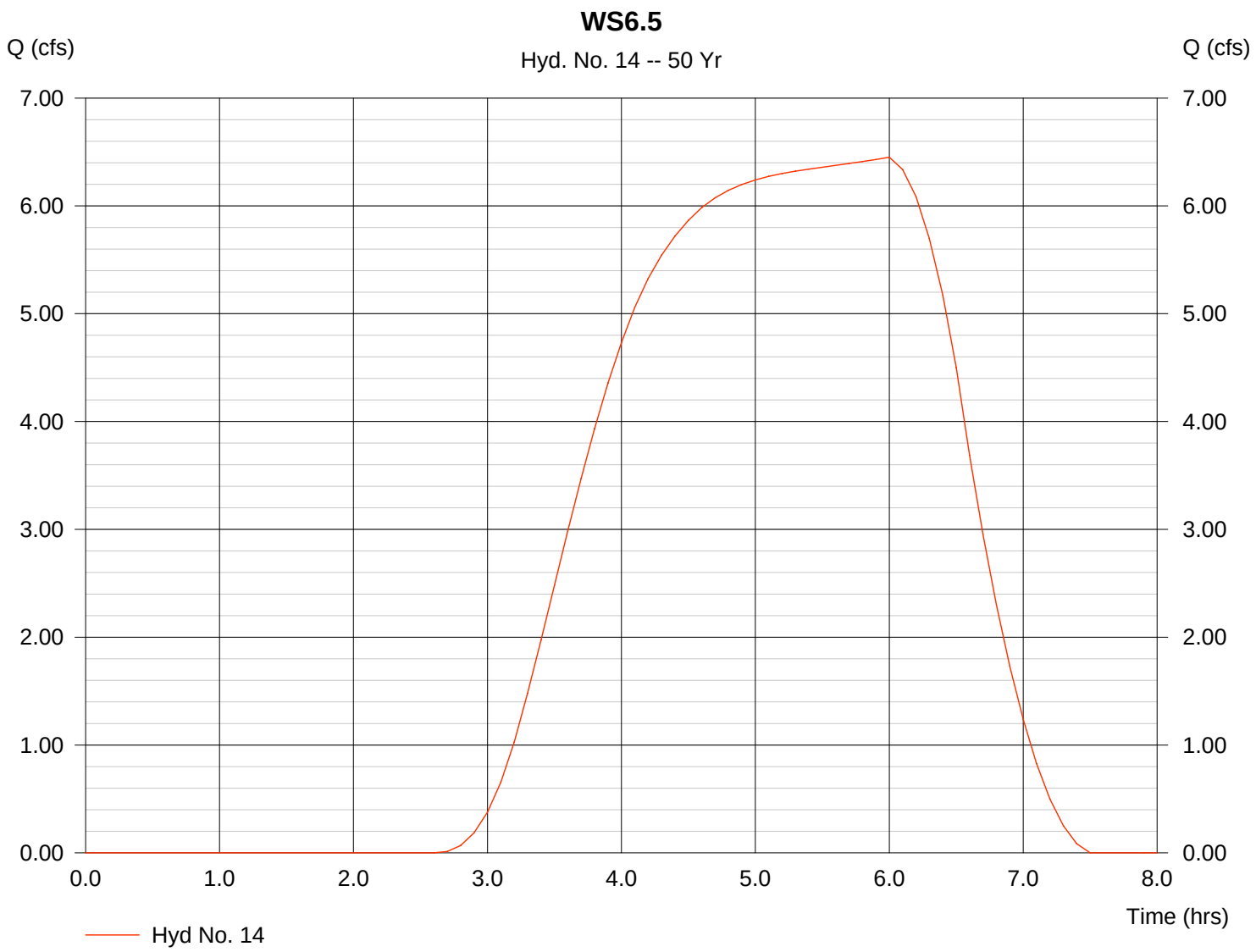
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 14

WS6.5

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.45 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	276.000 ac	Curve number	=	65
Basin Slope	=	17.5 %	Hydraulic length	=	6770 ft
Tc method	=	LAG	Time of conc. (Tc)	=	53.50 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 68,732 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

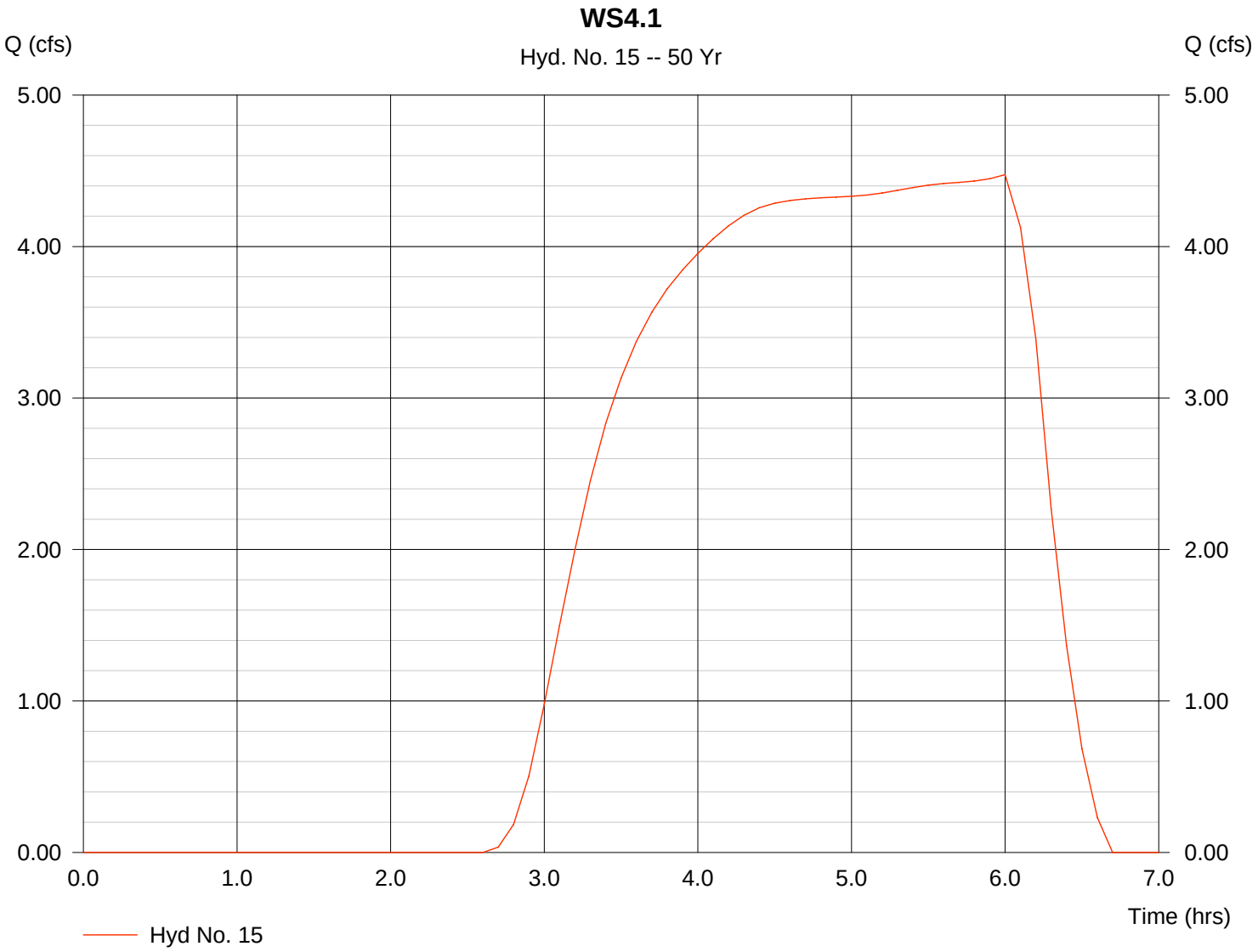
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 15

WS4.1

Hydrograph type	= SCS Runoff	Peak discharge	= 4.47 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 189.000 ac	Curve number	= 65
Basin Slope	= 31.3 %	Hydraulic length	= 3850 ft
Tc method	= LAG	Time of conc. (Tc)	= 25.40 min
Total precip.	= 1.72 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 47,066 cuft



Hydrograph Plot

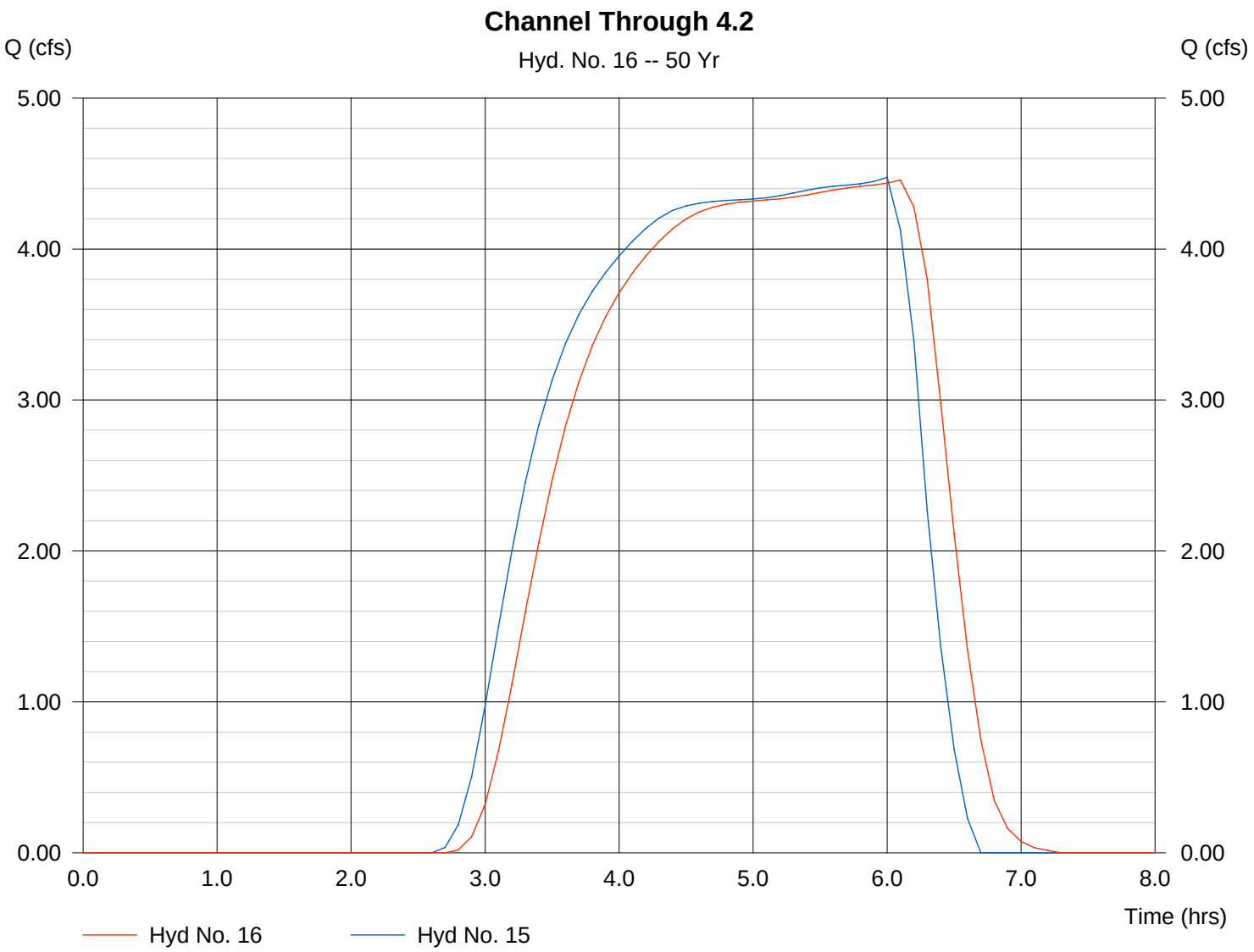
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 16

Channel Through 4.2

Hydrograph type	=	Reach	Peak discharge	=	4.46 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyd. No.	=	15	Section type	=	Trapezoidal
Reach length	=	5010.0 ft	Channel slope	=	10.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	3.998	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.5369

Modified Att-Kin routing method used. | Hydrograph Volume = 47,061 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

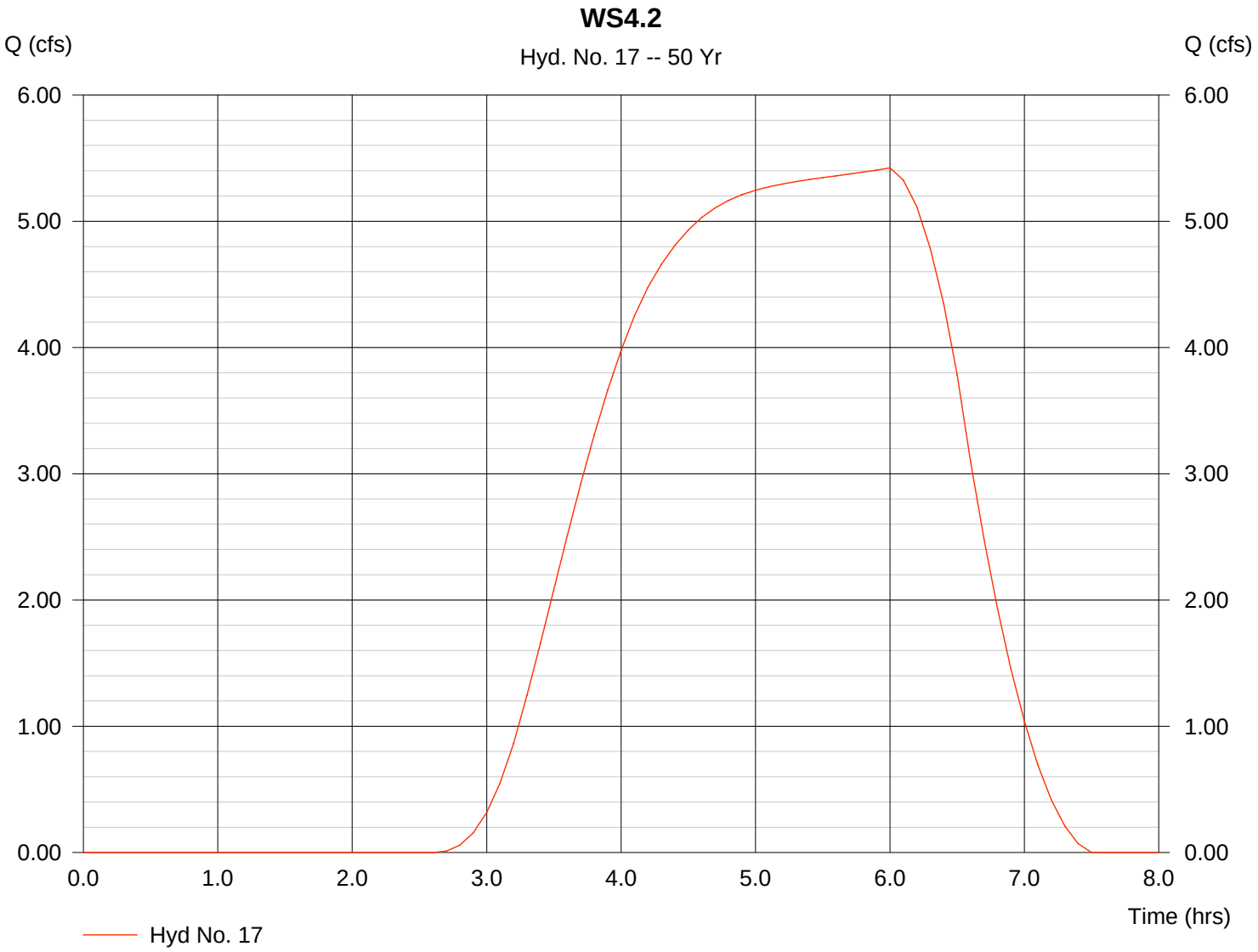
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 17

WS4.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.42 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	232.000 ac	Curve number	=	65
Basin Slope	=	10.4 %	Hydraulic length	=	5010 ft
Tc method	=	LAG	Time of conc. (Tc)	=	54.60 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 57,774 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

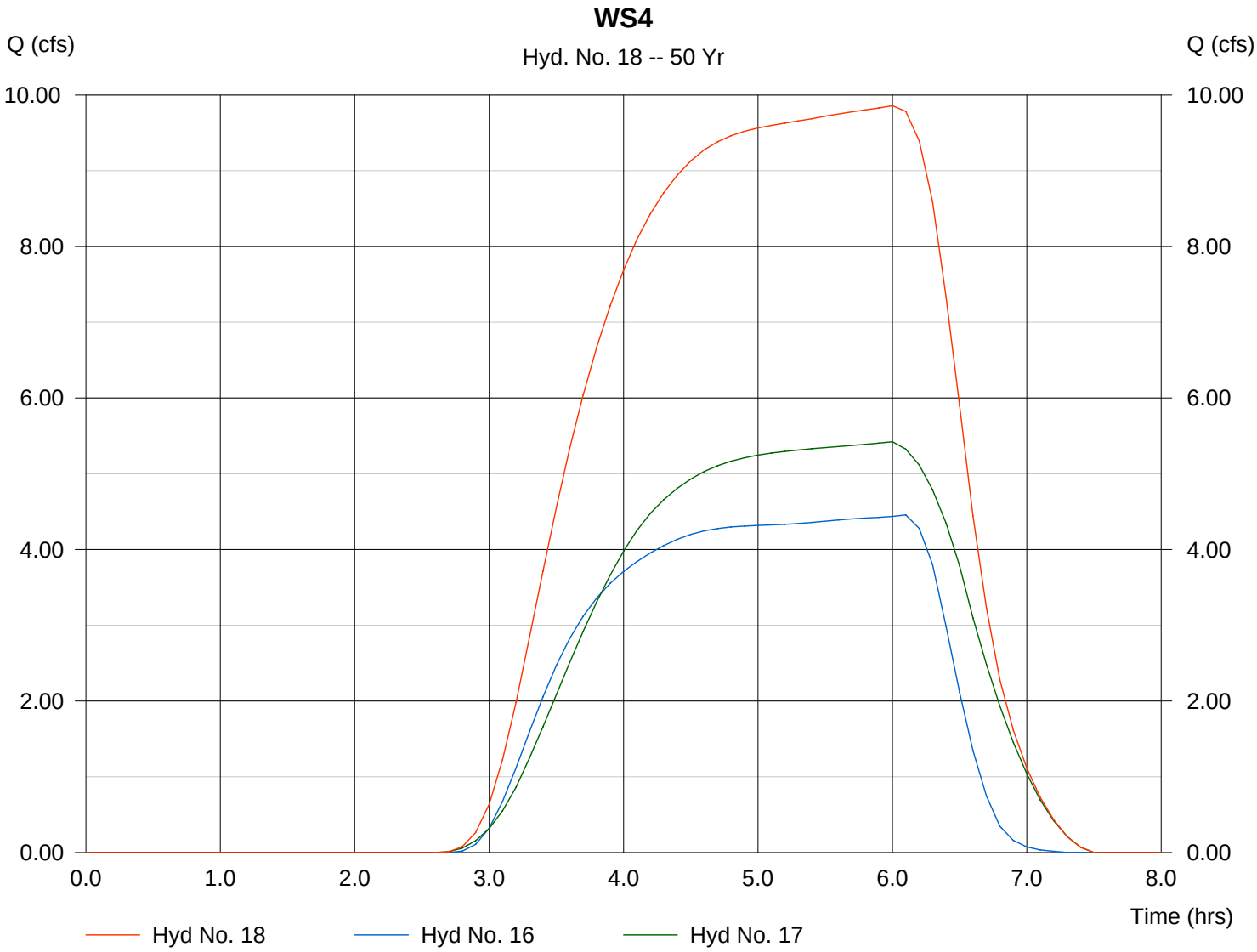
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 18

WS4

Hydrograph type	=	Combine	Peak discharge	=	9.86 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	16, 17			

Hydrograph Volume = 104,836 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

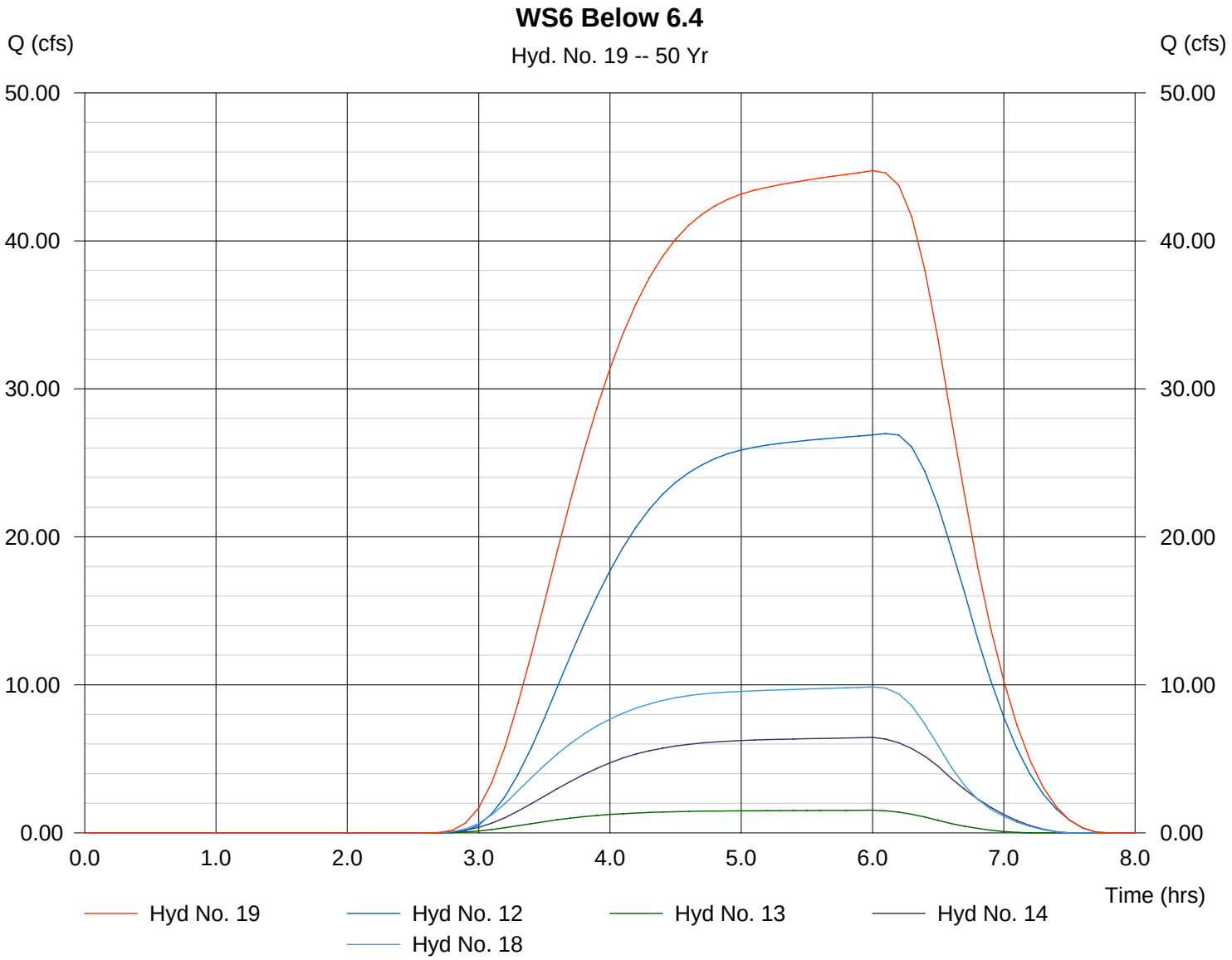
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 19

WS6 Below 6.4

Hydrograph type	=	Combine	Peak discharge	=	44.74 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	12, 13, 14, 18			

Hydrograph Volume = 477,582 cuft



Hydrograph Plot

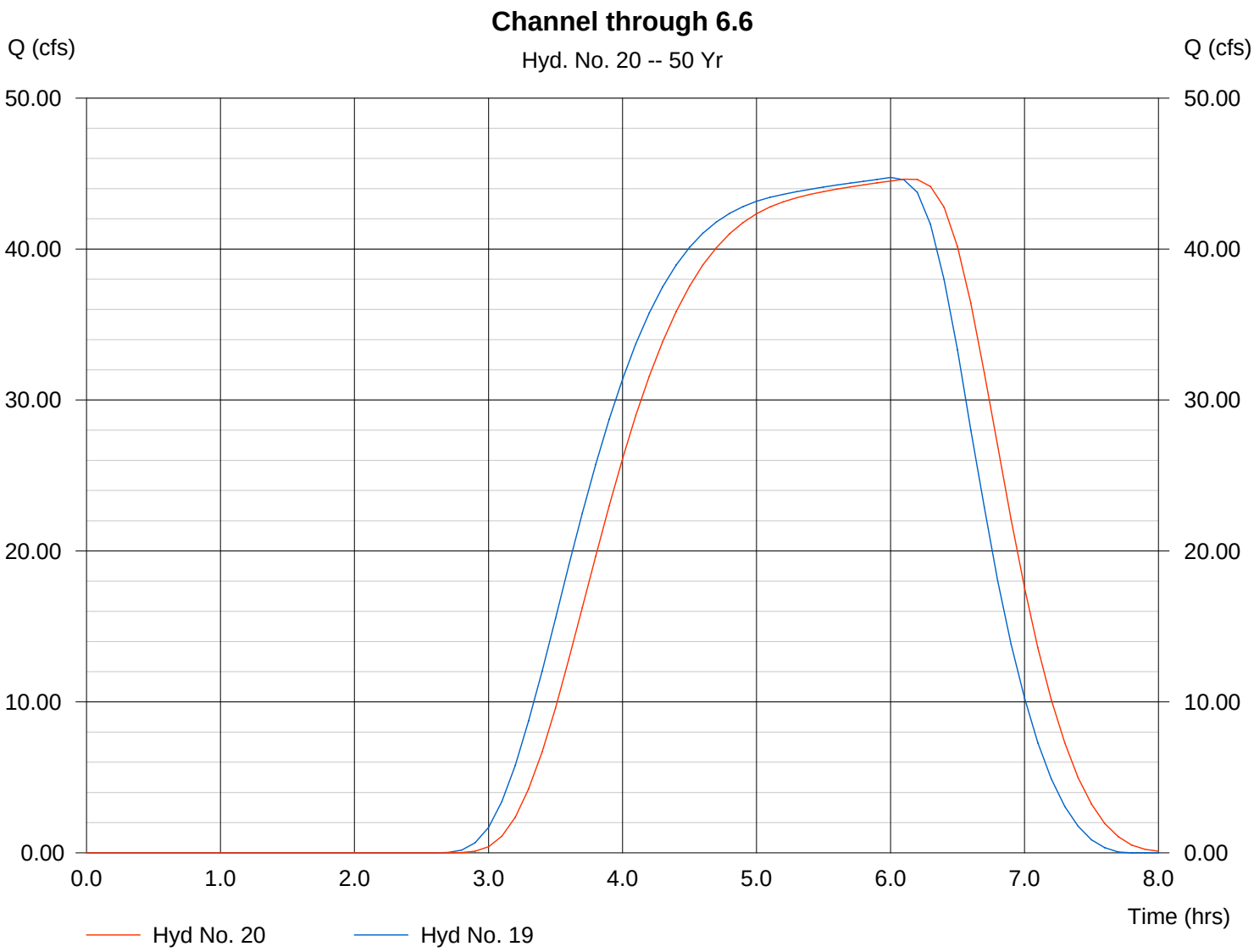
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 20

Channel through 6.6

Hydrograph type	=	Reach	Peak discharge	=	44.63 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyd. No.	=	19	Section type	=	Trapezoidal
Reach length	=	5730.0 ft	Channel slope	=	3.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.261	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.5459

Modified Att-Kin routing method used. | Hydrograph Volume = 477,576 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

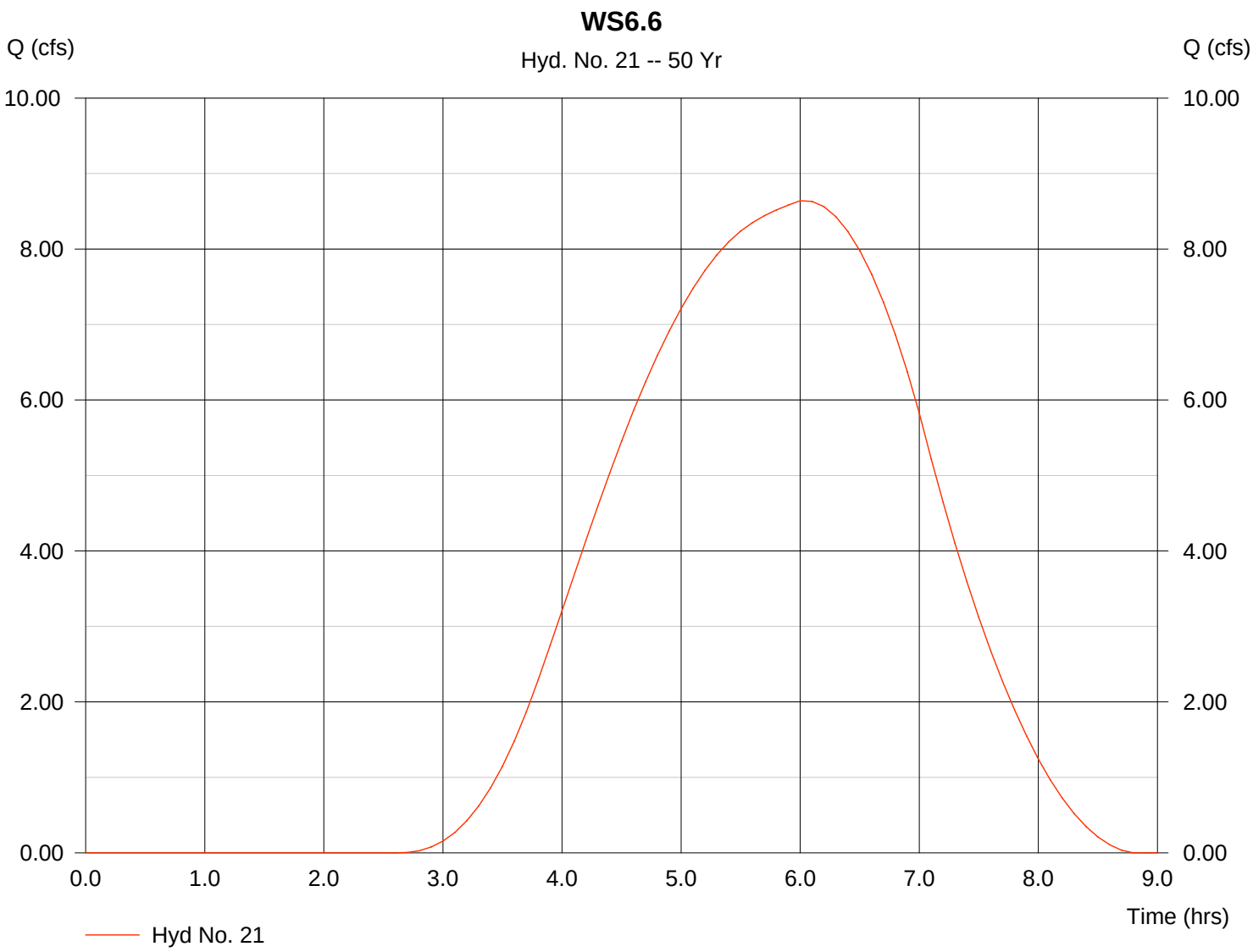
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 21

WS6.6

Hydrograph type	=	SCS Runoff	Peak discharge	=	8.64 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	383.000 ac	Curve number	=	65
Basin Slope	=	3.3 %	Hydraulic length	=	5730 ft
Tc method	=	LAG	Time of conc. (Tc)	=	107.50 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 94,294 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

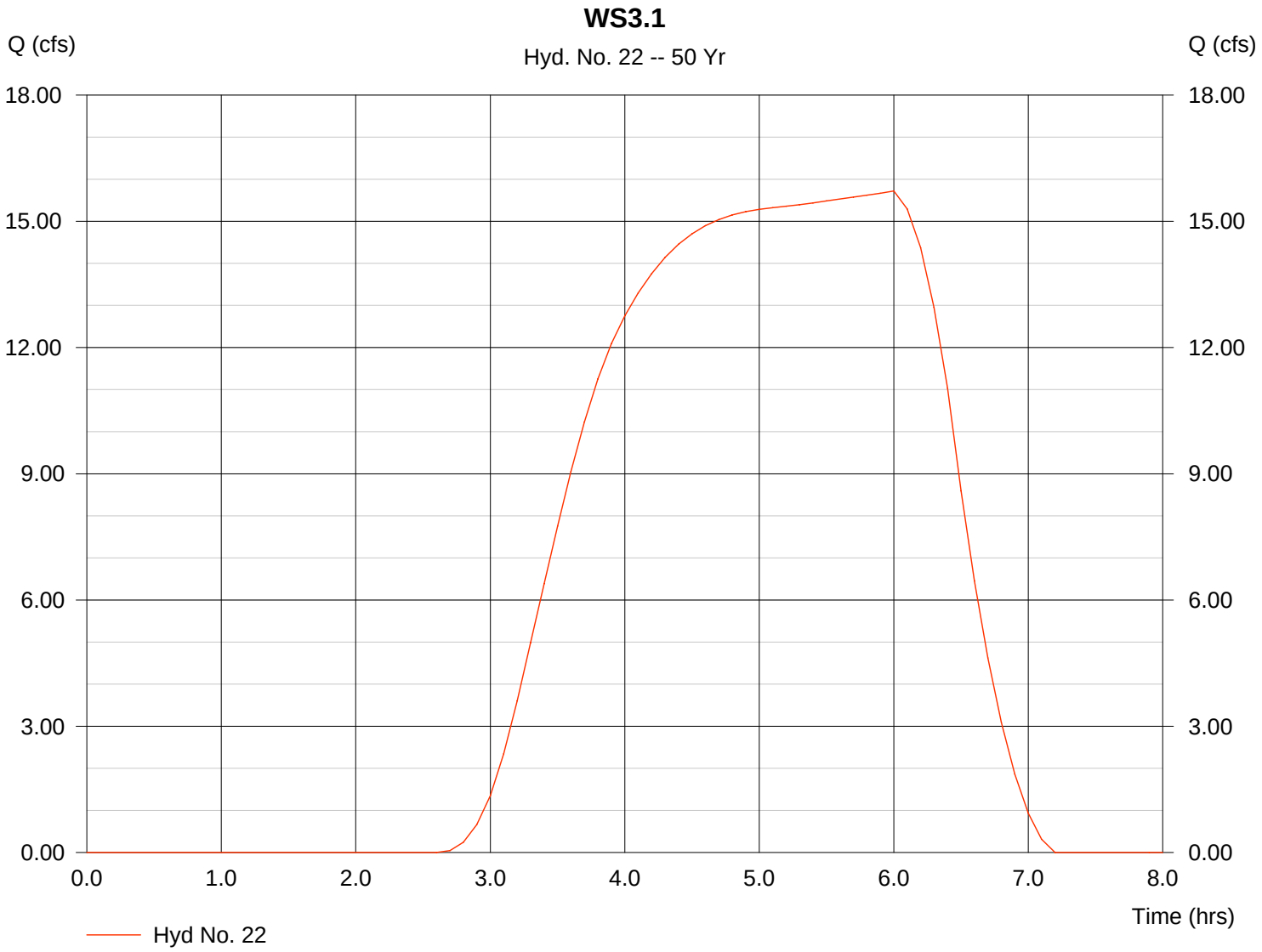
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 22

WS3.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	15.72 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	687.000 ac	Curve number	=	65
Basin Slope	=	24.2 %	Hydraulic length	=	7090 ft
Tc method	=	LAG	Time of conc. (Tc)	=	47.20 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 166,805 cuft



Hydrograph Plot

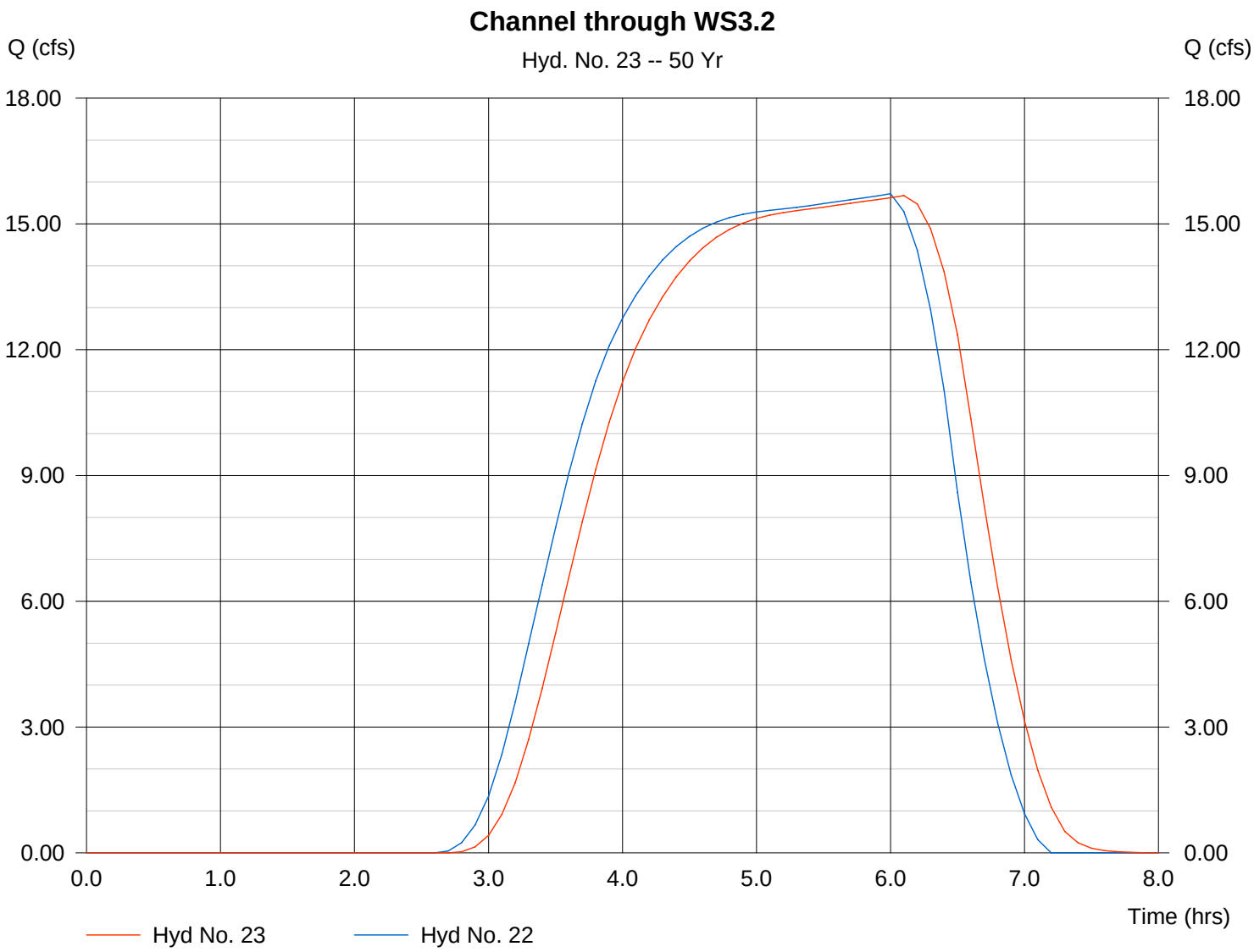
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 23

Channel through WS3.2

Hydrograph type	=	Reach	Peak discharge	=	15.68 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyd. No.	=	22	Section type	=	Trapezoidal
Reach length	=	4980.0 ft	Channel slope	=	4.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.609	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.5321

Modified Att-Kin routing method used. | Hydrograph Volume = 166,801 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

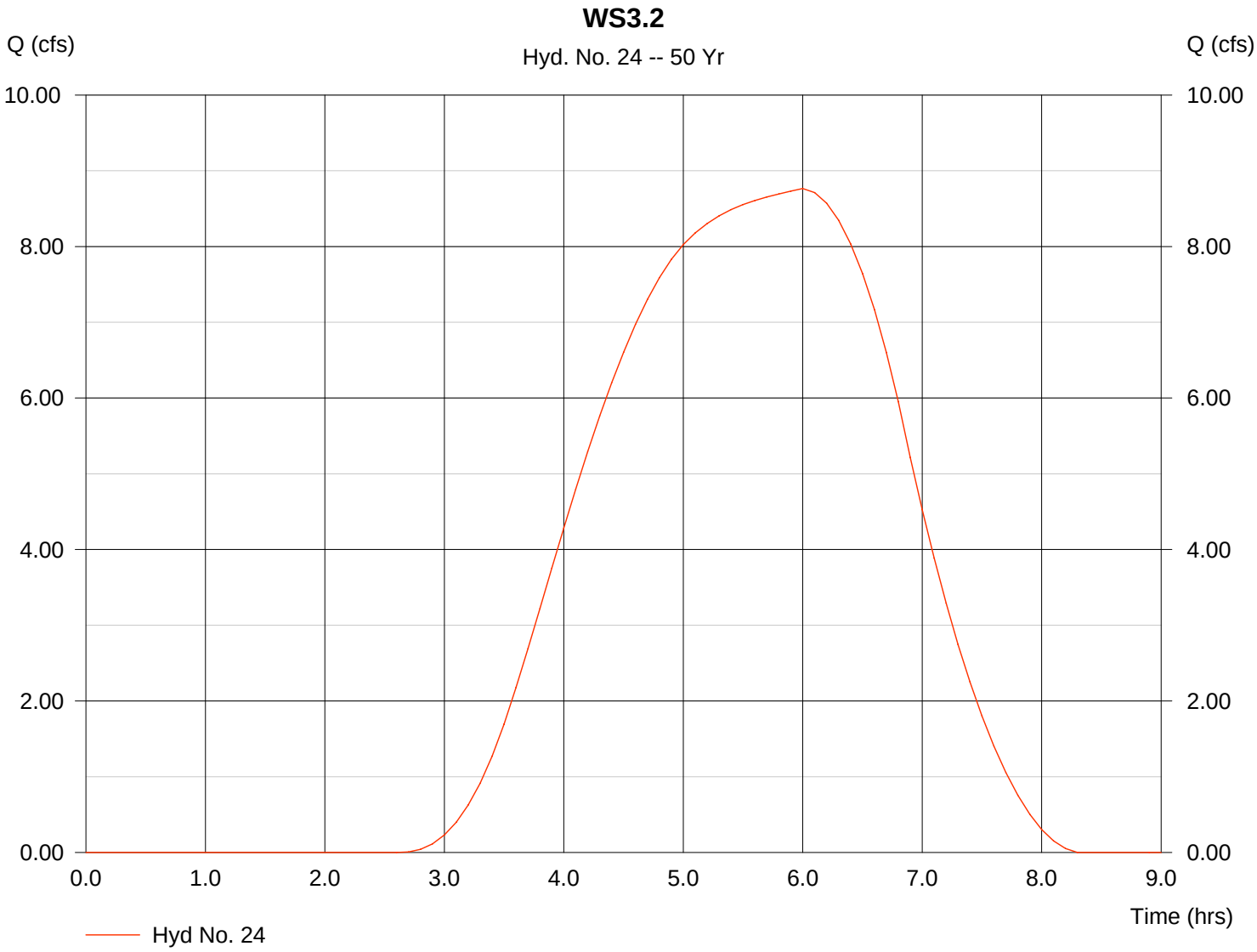
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 24

WS3.2

Hydrograph type	= SCS Runoff	Peak discharge	= 8.76 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 379.000 ac	Curve number	= 65
Basin Slope	= 4.4 %	Hydraulic length	= 4980 ft
Tc method	= LAG	Time of conc. (Tc)	= 83.30 min
Total precip.	= 1.72 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 94,381 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

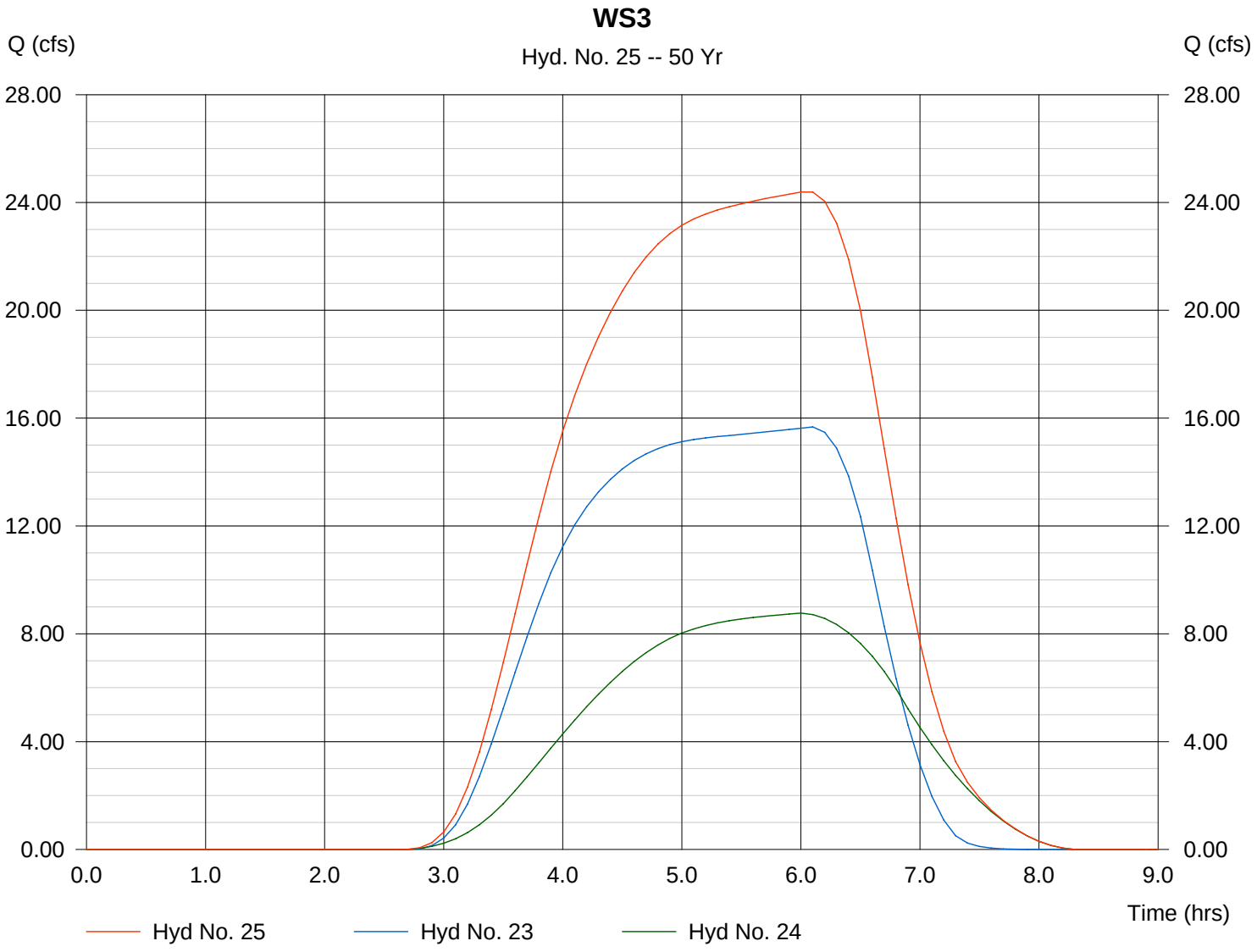
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 25

WS3

Hydrograph type	=	Combine	Peak discharge	=	24.39 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	23, 24			

Hydrograph Volume = 261,183 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

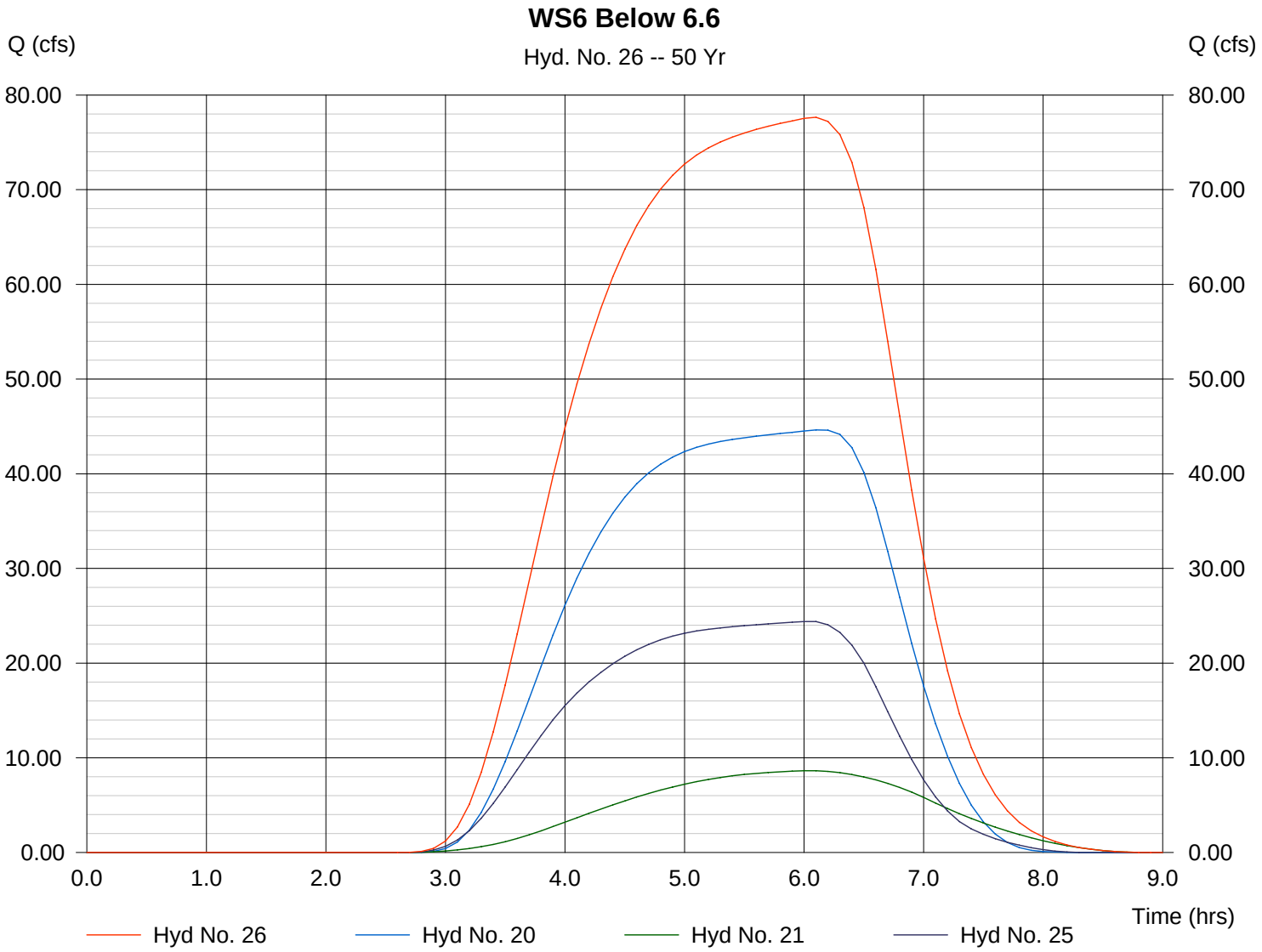
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 26

WS6 Below 6.6

Hydrograph type	=	Combine	Peak discharge	=	77.65 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	20, 21, 25			

Hydrograph Volume = 833,052 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

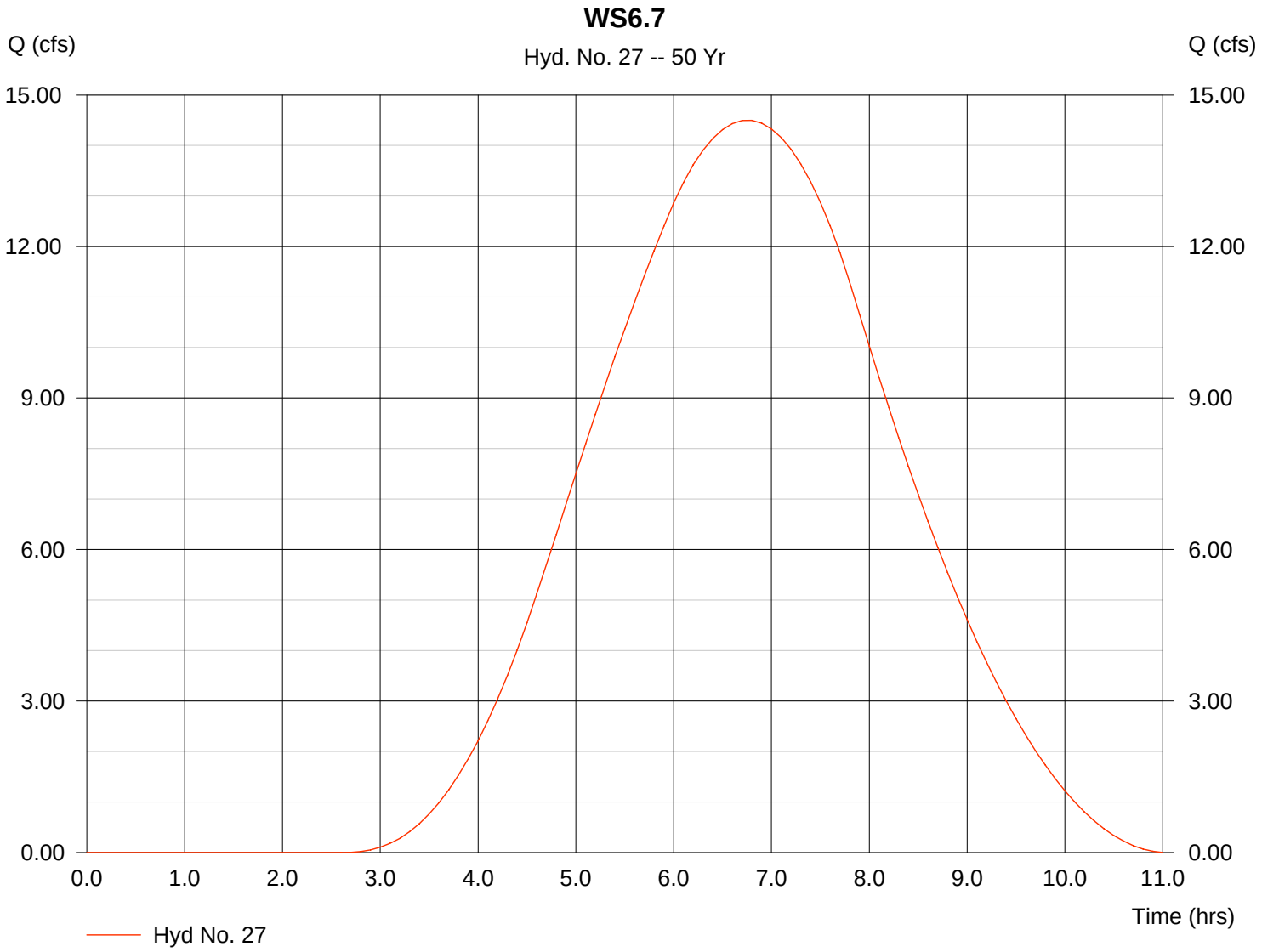
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 27

WS6.7

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.50 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Drainage area	=	760.000 ac	Curve number	=	65
Basin Slope	=	2.9 %	Hydraulic length	=	10770 ft
Tc method	=	LAG	Time of conc. (Tc)	=	191.30 min
Total precip.	=	1.72 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 190,506 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

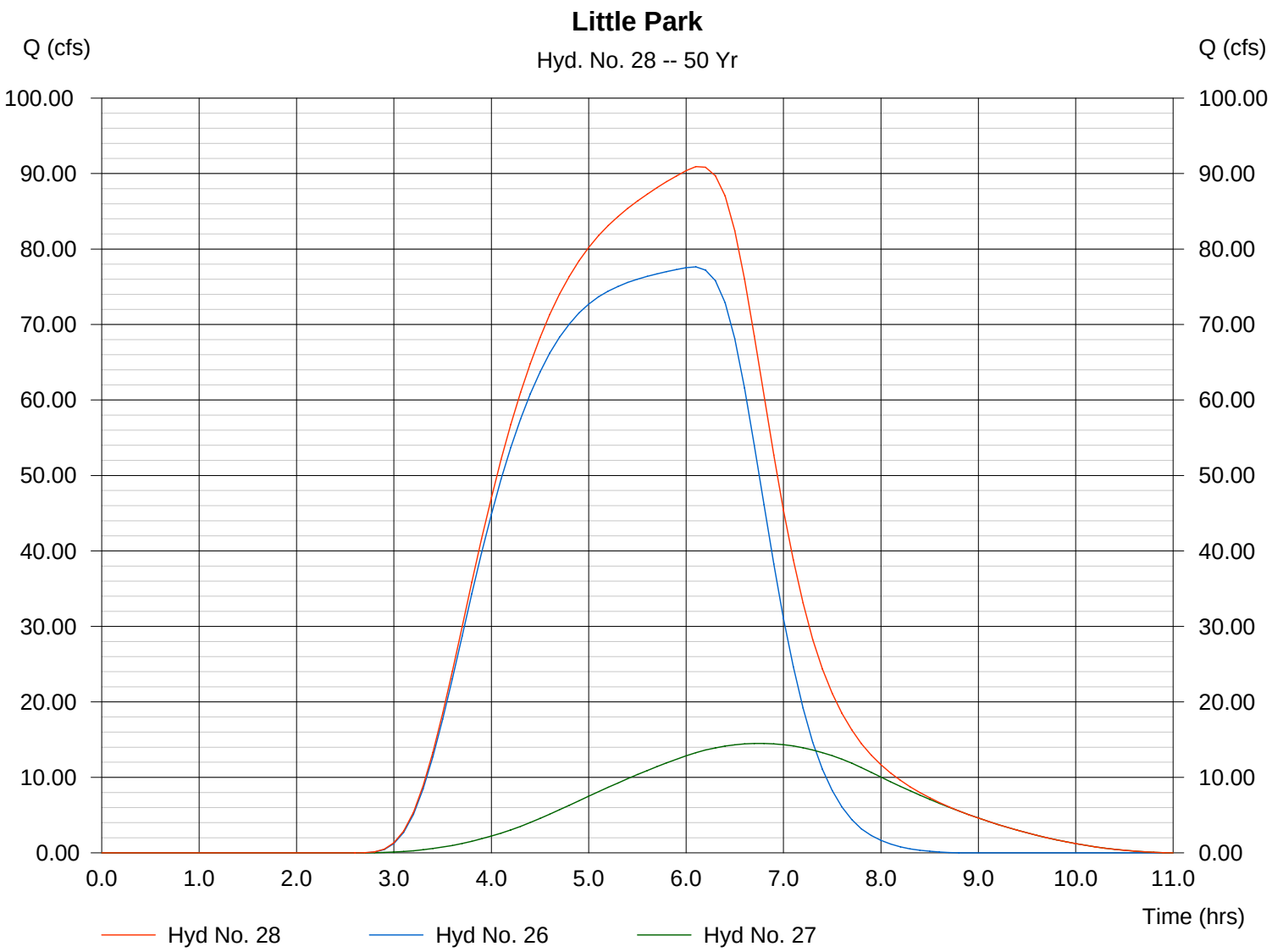
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 28

Little Park

Hydrograph type	=	Combine	Peak discharge	=	90.92 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	26, 27			

Hydrograph Volume = 1,023,558 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

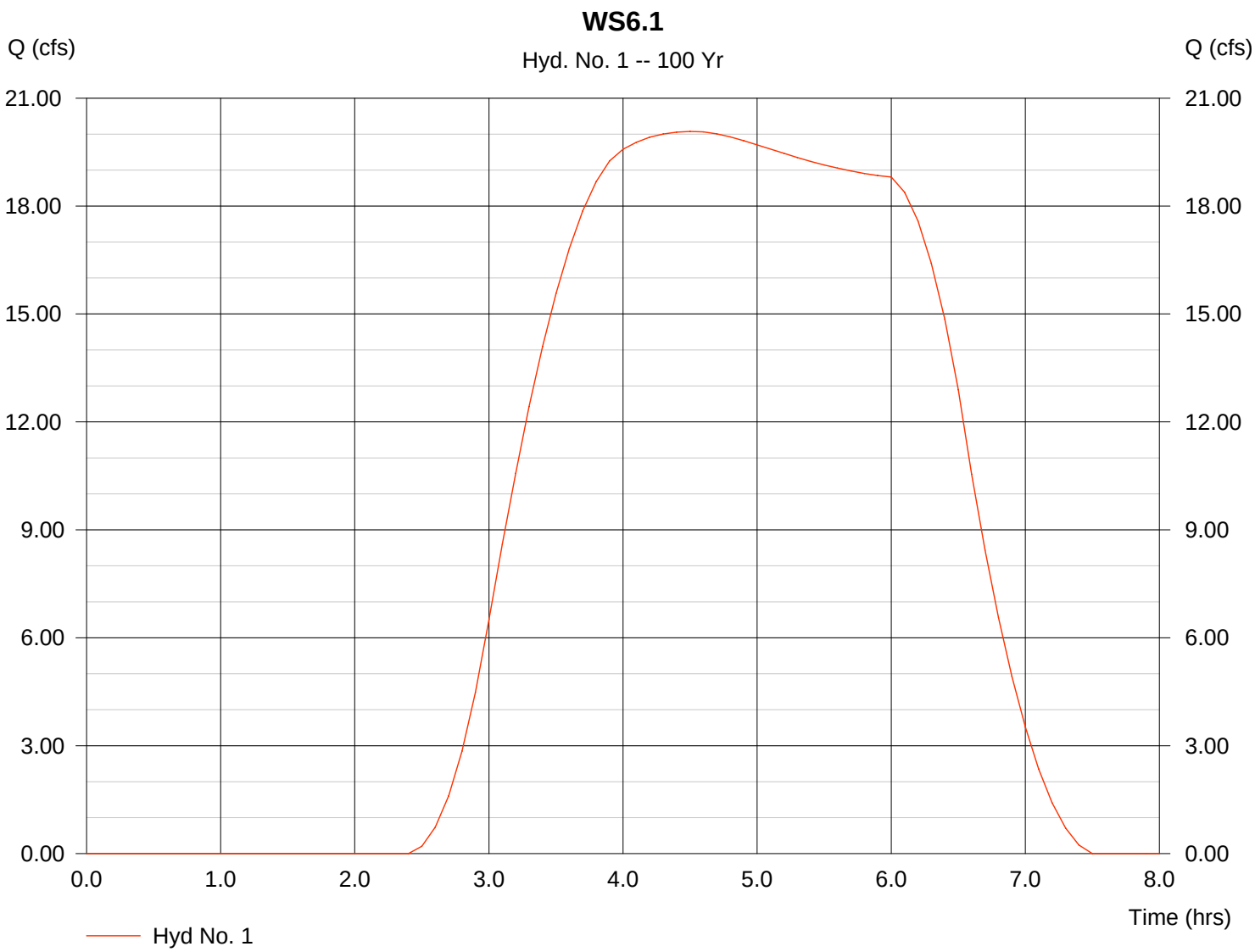
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 1

WS6.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	20.08 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	499.000 ac	Curve number	=	65
Basin Slope	=	20.8 %	Hydraulic length	=	7930 ft
Tc method	=	LAG	Time of conc. (Tc)	=	55.70 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 244,591 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

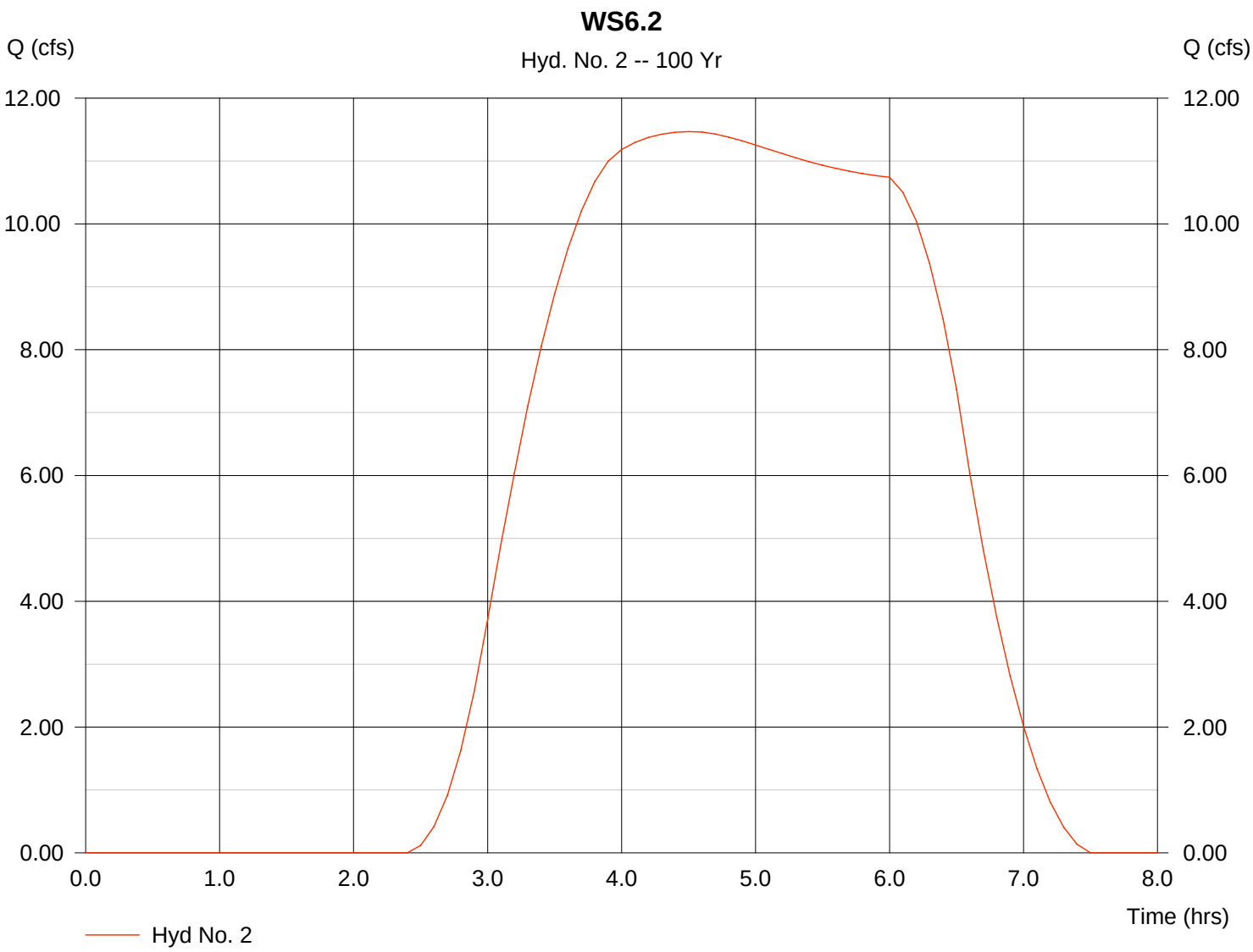
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 2

WS6.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.47 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	285.000 ac	Curve number	=	65
Basin Slope	=	19.3 %	Hydraulic length	=	6790 ft
Tc method	=	LAG	Time of conc. (Tc)	=	51.10 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 139,696 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

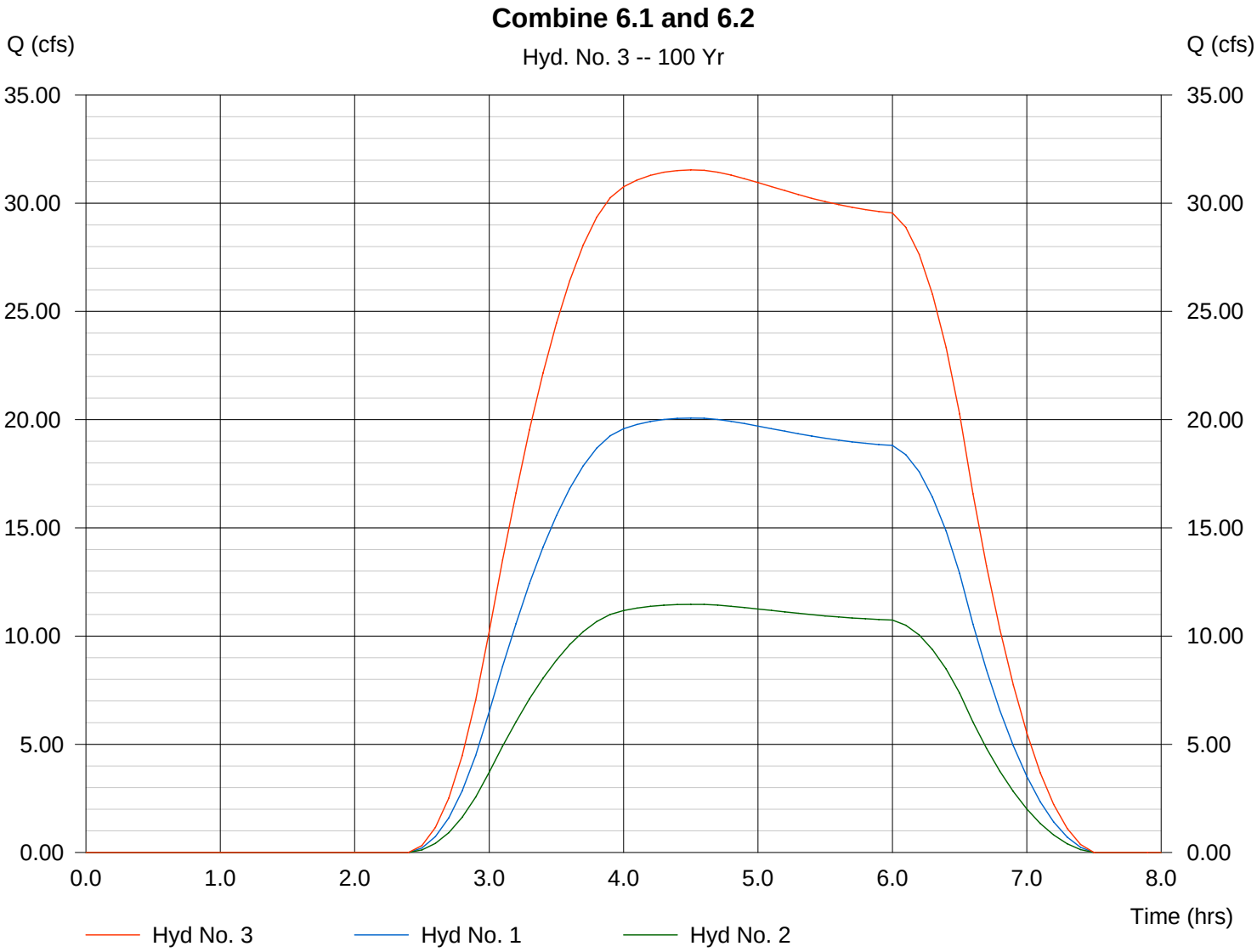
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 3

Combine 6.1 and 6.2

Hydrograph type	=	Combine	Peak discharge	=	31.54 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyds.	=	1, 2			

Hydrograph Volume = 384,288 cuft



Hydrograph Plot

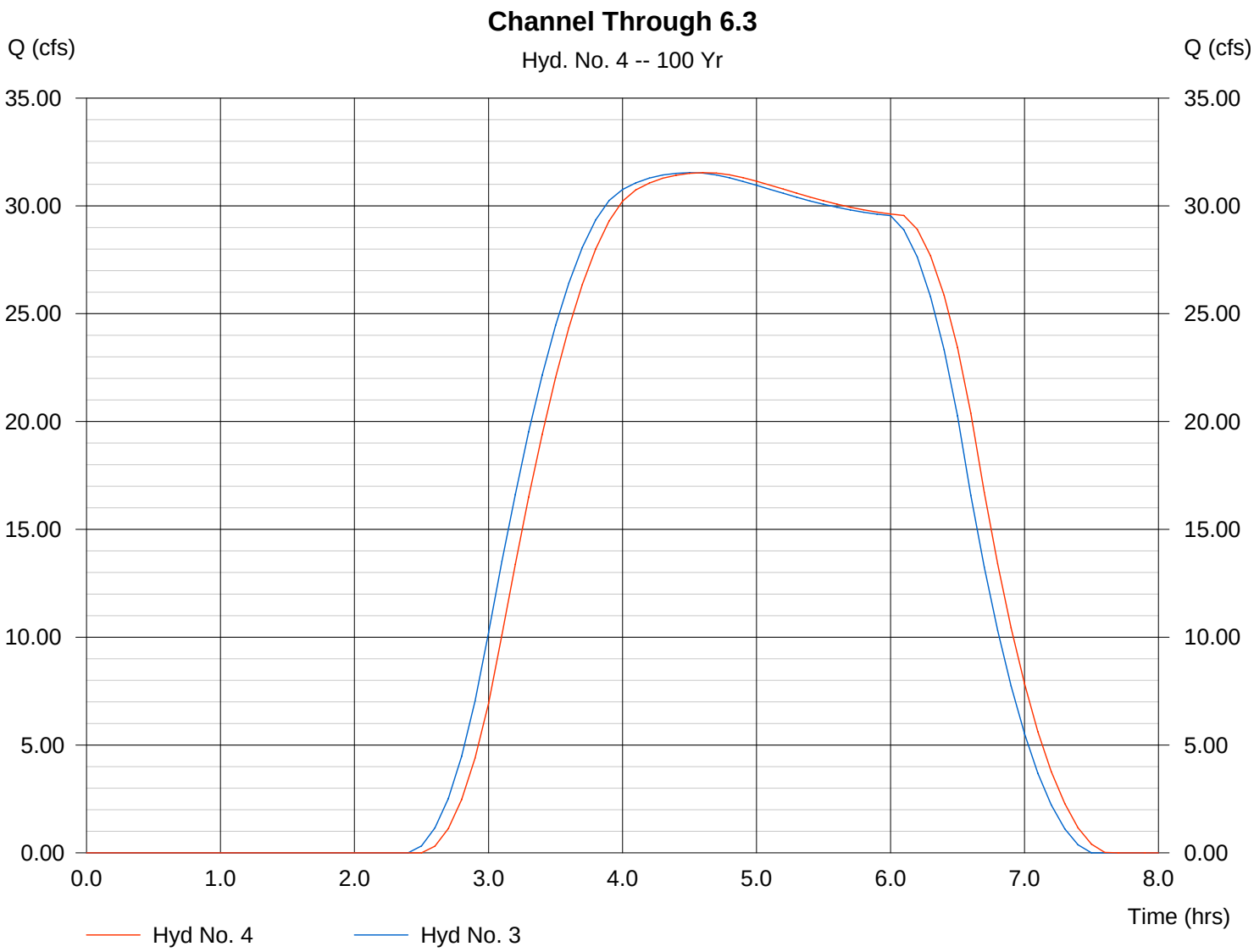
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 4

Channel Through 6.3

Hydrograph type	=	Reach	Peak discharge	=	31.54 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyd. No.	=	3	Section type	=	Trapezoidal
Reach length	=	2170.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.528	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.9606

Modified Att-Kin routing method used. | Hydrograph Volume = 384,287 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

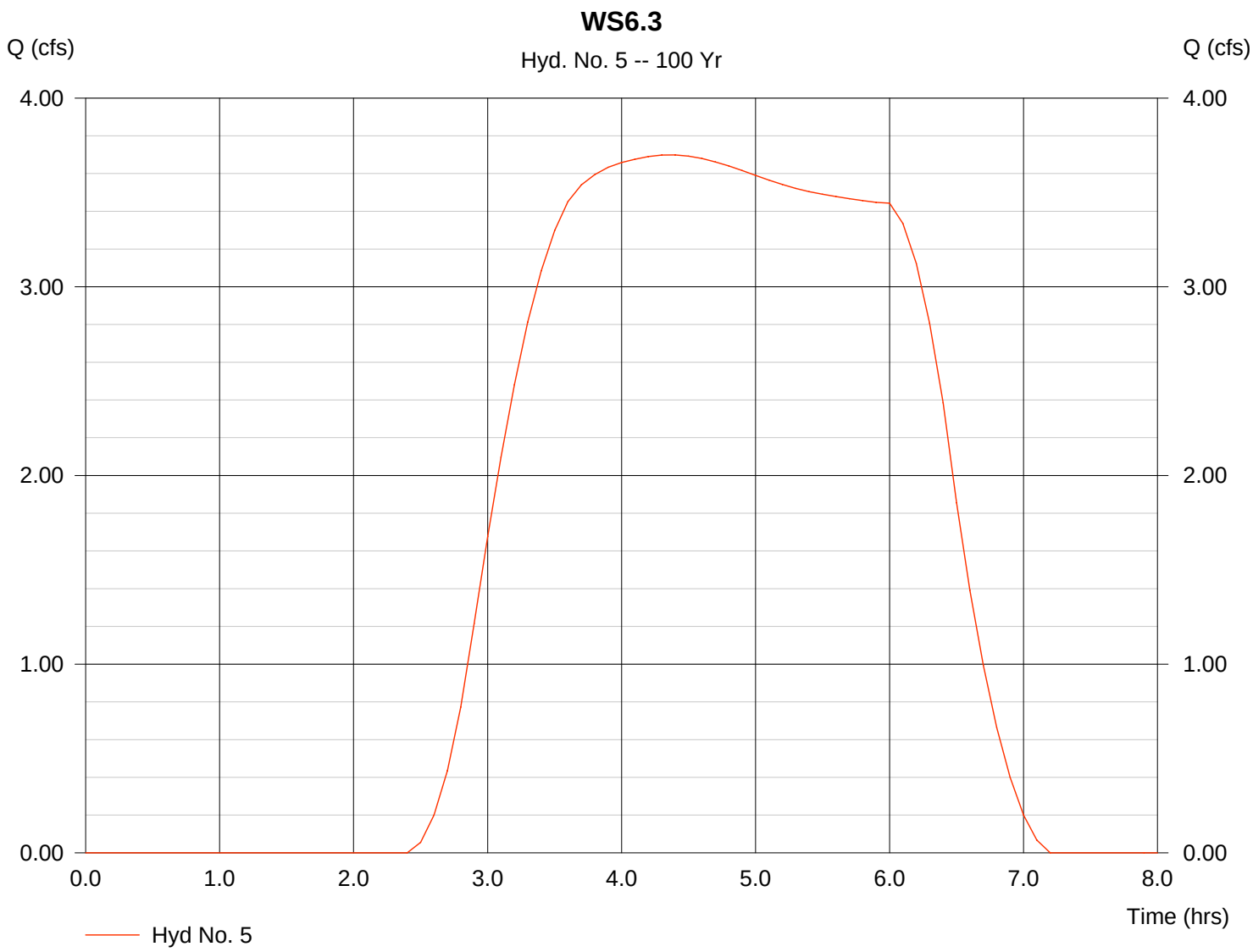
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 5

WS6.3

Hydrograph type	= SCS Runoff	Peak discharge	= 3.70 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 94.000 ac	Curve number	= 65
Basin Slope	= 4.2 %	Hydraulic length	= 2170 ft
Tc method	= LAG	Time of conc. (Tc)	= 44.20 min
Total precip.	= 2.00 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 44,923 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

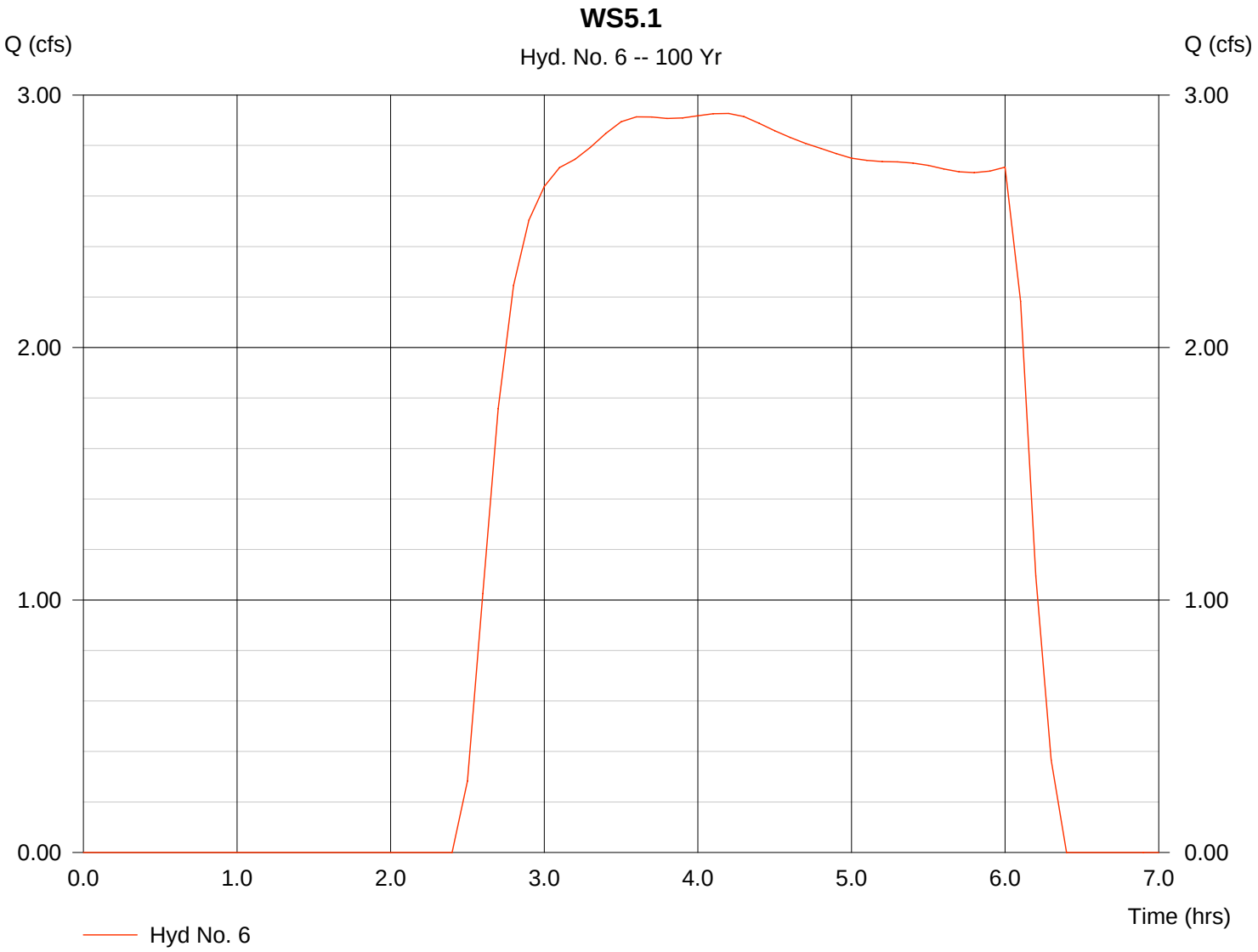
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 6

WS5.1

Hydrograph type	= SCS Runoff	Peak discharge	= 2.93 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 77.000 ac	Curve number	= 65
Basin Slope	= 44.8 %	Hydraulic length	= 2230 ft
Tc method	= LAG	Time of conc. (Tc)	= 13.70 min
Total precip.	= 2.00 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 35,384 cuft



Hydrograph Plot

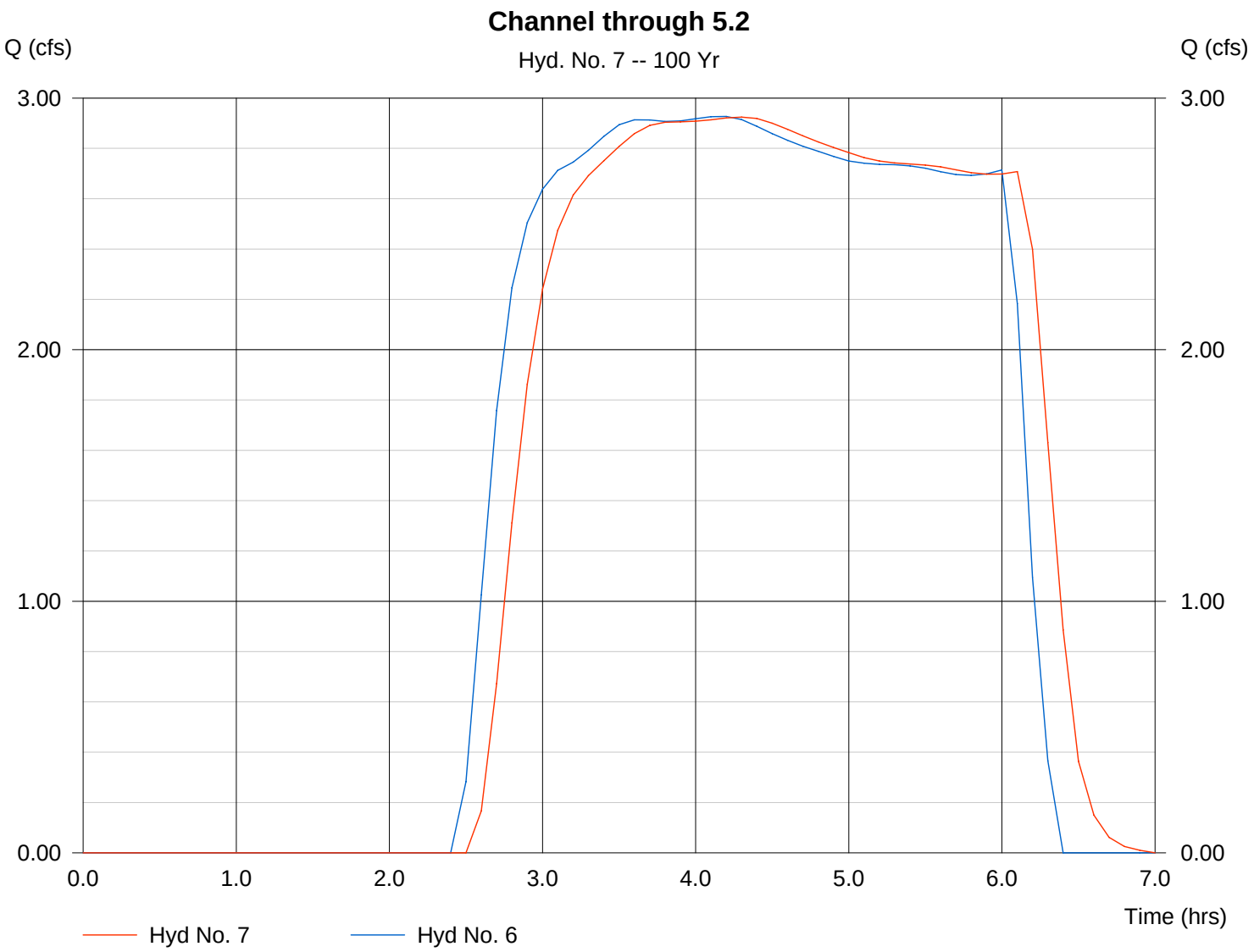
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 7

Channel through 5.2

Hydrograph type	=	Reach	Peak discharge	=	2.92 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyd. No.	=	6	Section type	=	Trapezoidal
Reach length	=	4550.0 ft	Channel slope	=	13.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	4.506	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.5889

Modified Att-Kin routing method used. | Hydrograph Volume = 35,381 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

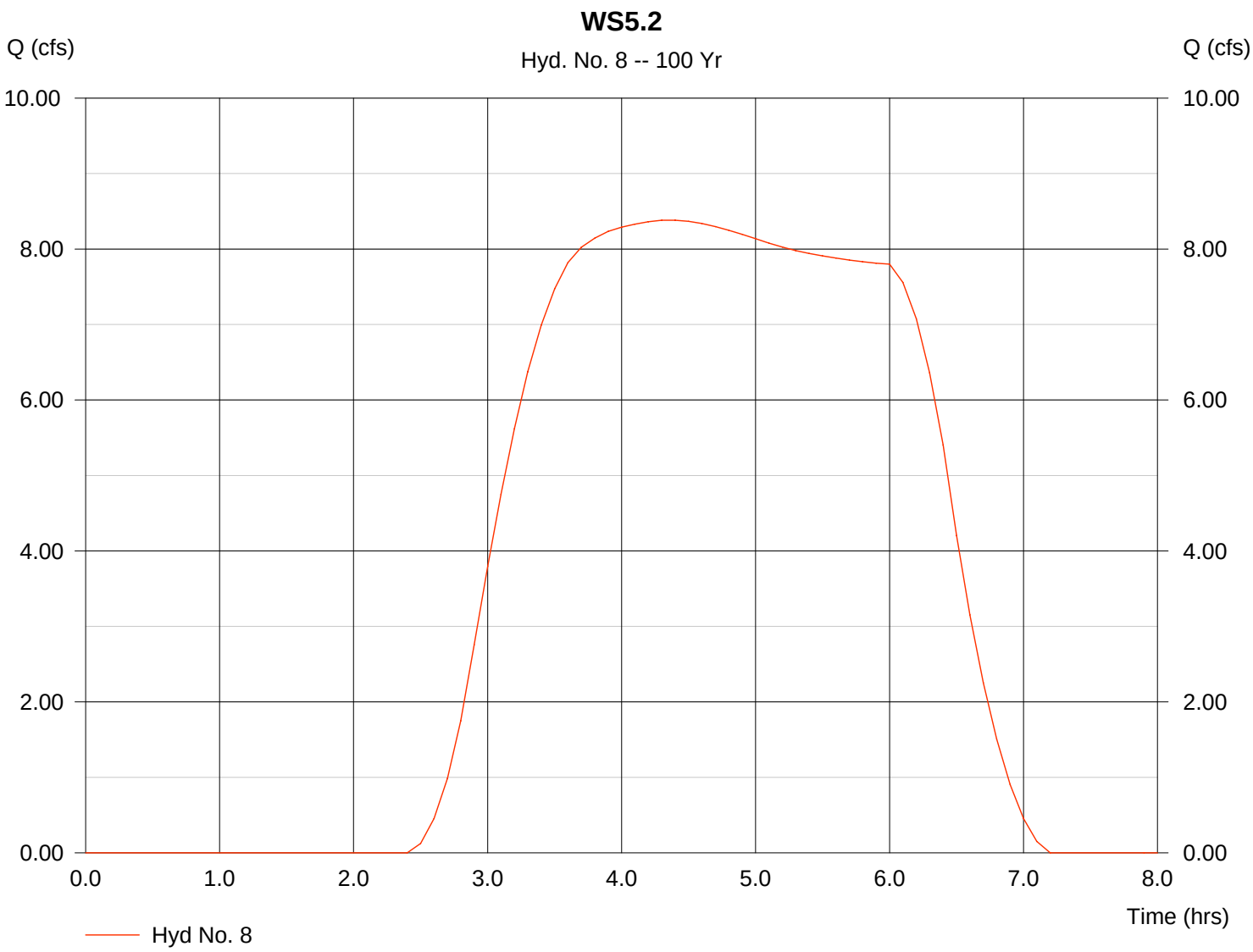
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 8

WS5.2

Hydrograph type	= SCS Runoff	Peak discharge	= 8.38 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 213.000 ac	Curve number	= 65
Basin Slope	= 13.2 %	Hydraulic length	= 4550 ft
Tc method	= LAG	Time of conc. (Tc)	= 44.80 min
Total precip.	= 2.00 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 101,795 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

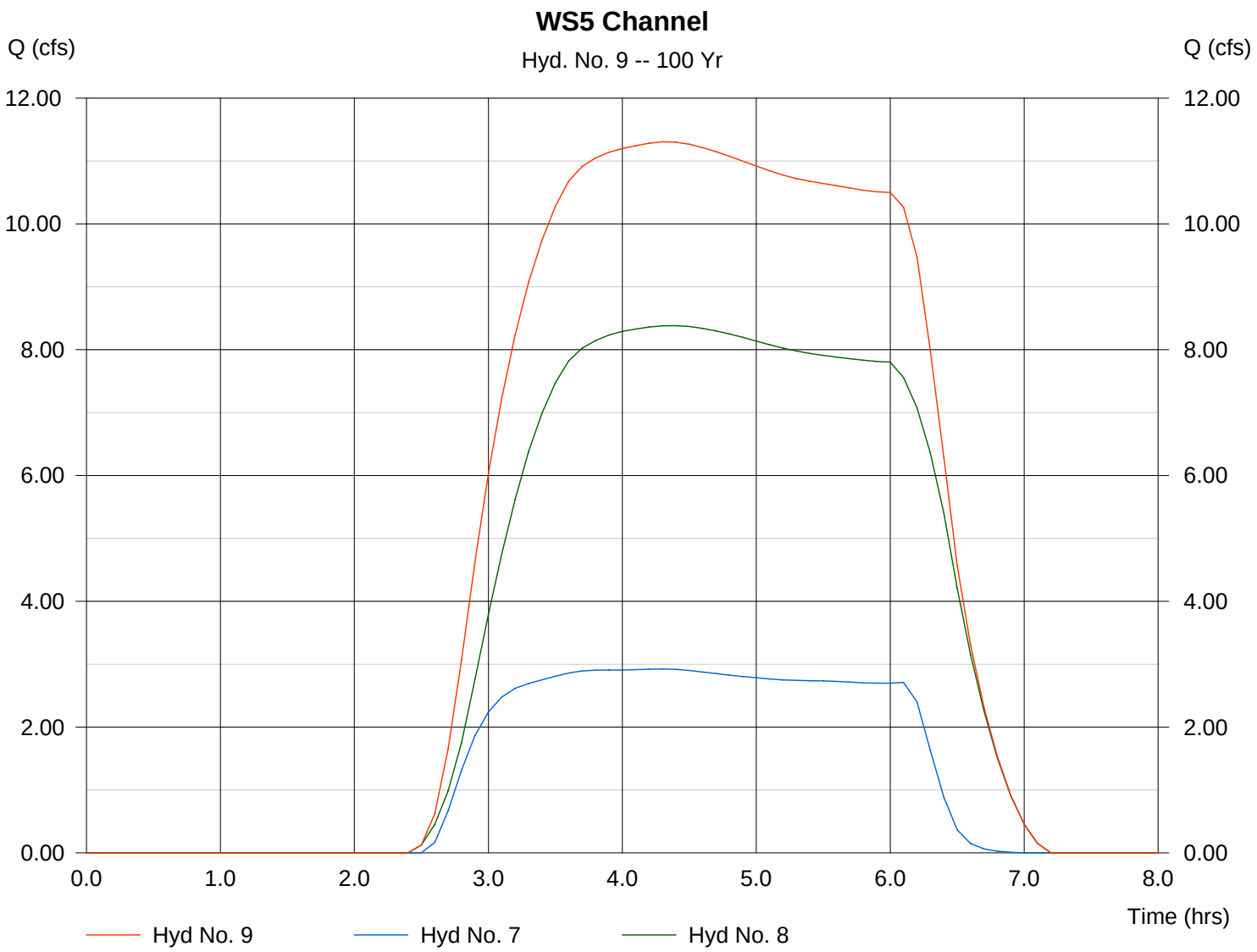
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 9

WS5 Channel

Hydrograph type	=	Combine	Peak discharge	=	11.30 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyds.	=	7, 8			

Hydrograph Volume = 137,176 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

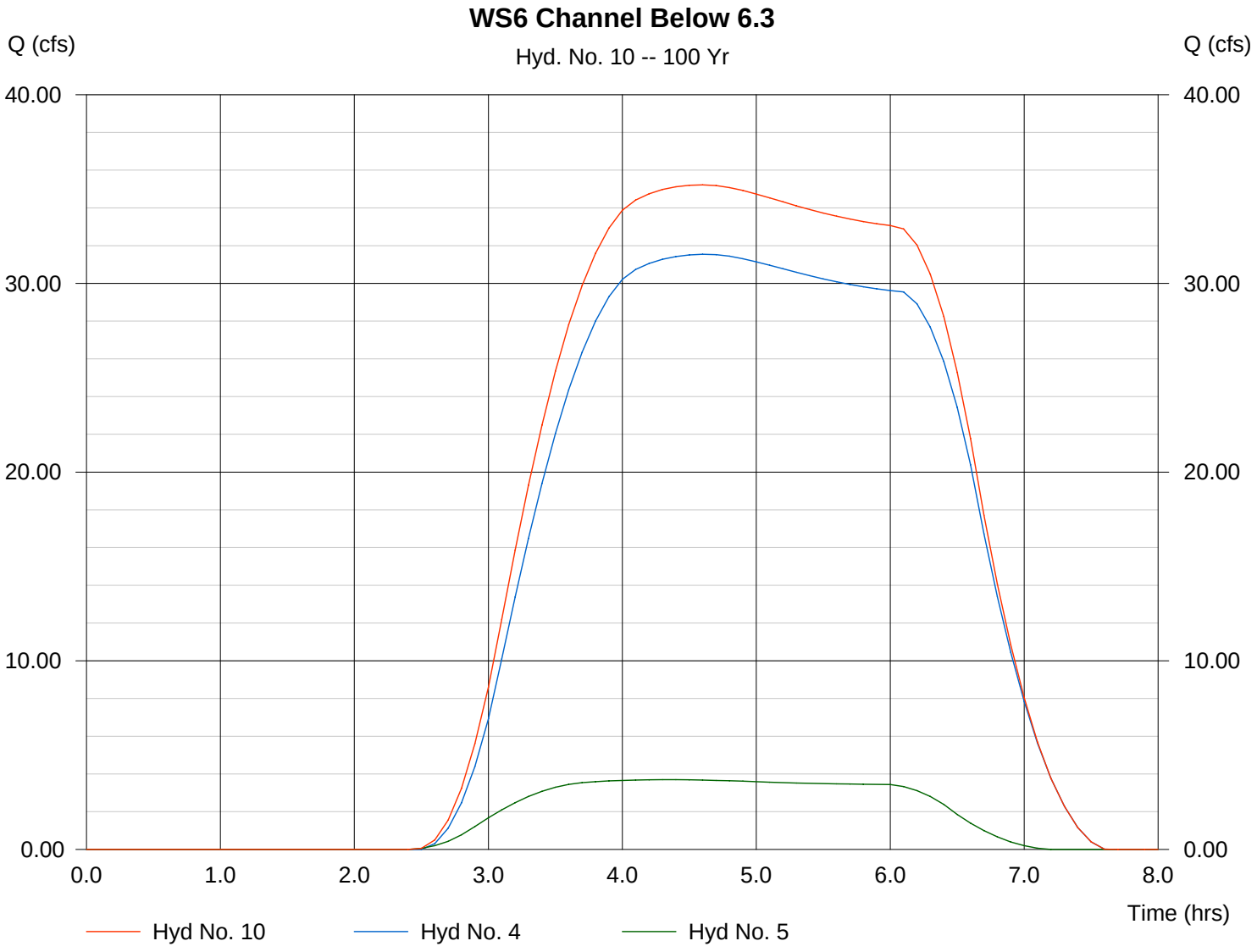
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 10

WS6 Channel Below 6.3

Hydrograph type	= Combine	Peak discharge	= 35.22 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Inflow hyds.	= 4, 5		

Hydrograph Volume = 429,211 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

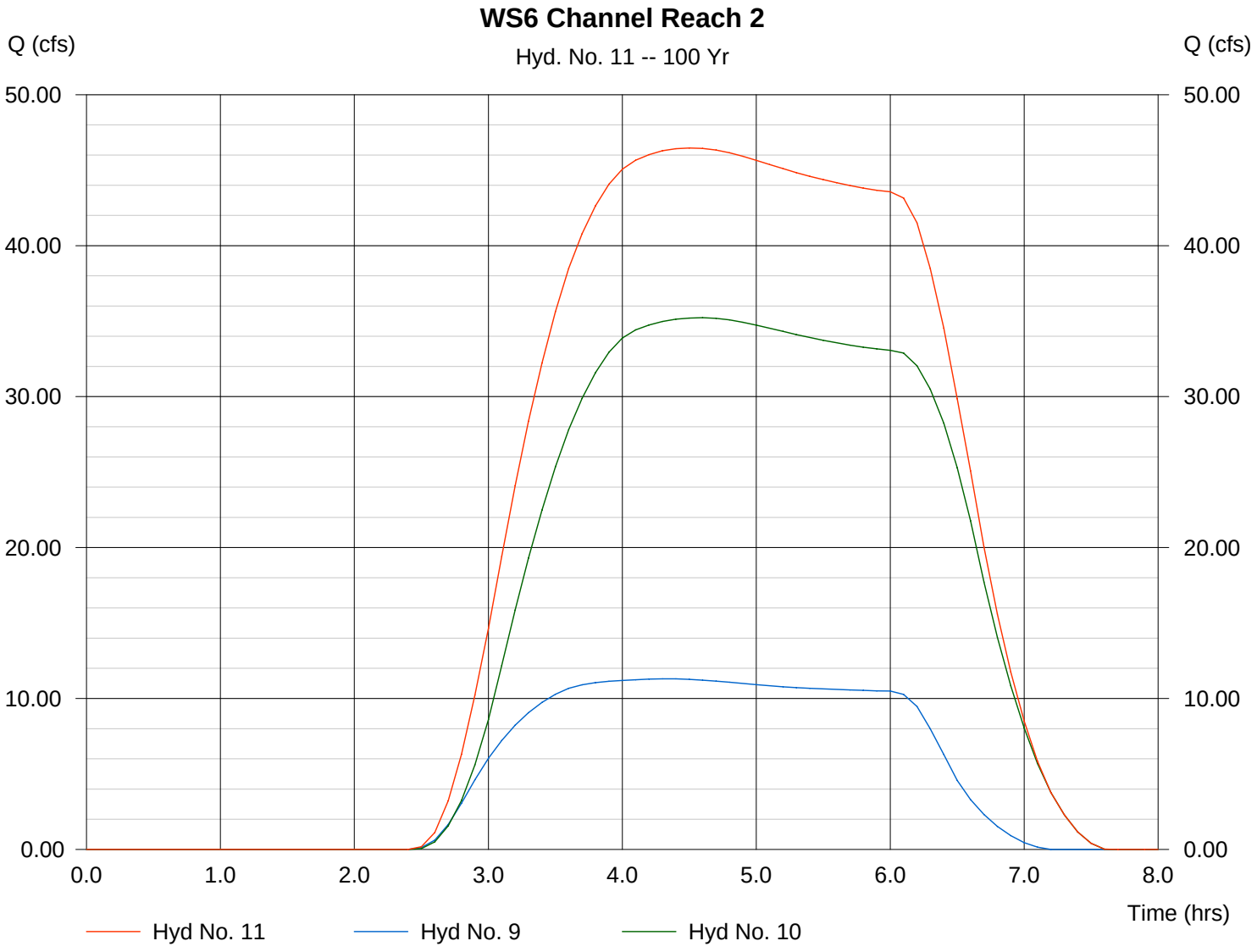
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 11

WS6 Channel Reach 2

Hydrograph type	=	Combine	Peak discharge	=	46.47 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyds.	=	9, 10			

Hydrograph Volume = 566,386 cuft



Hydrograph Plot

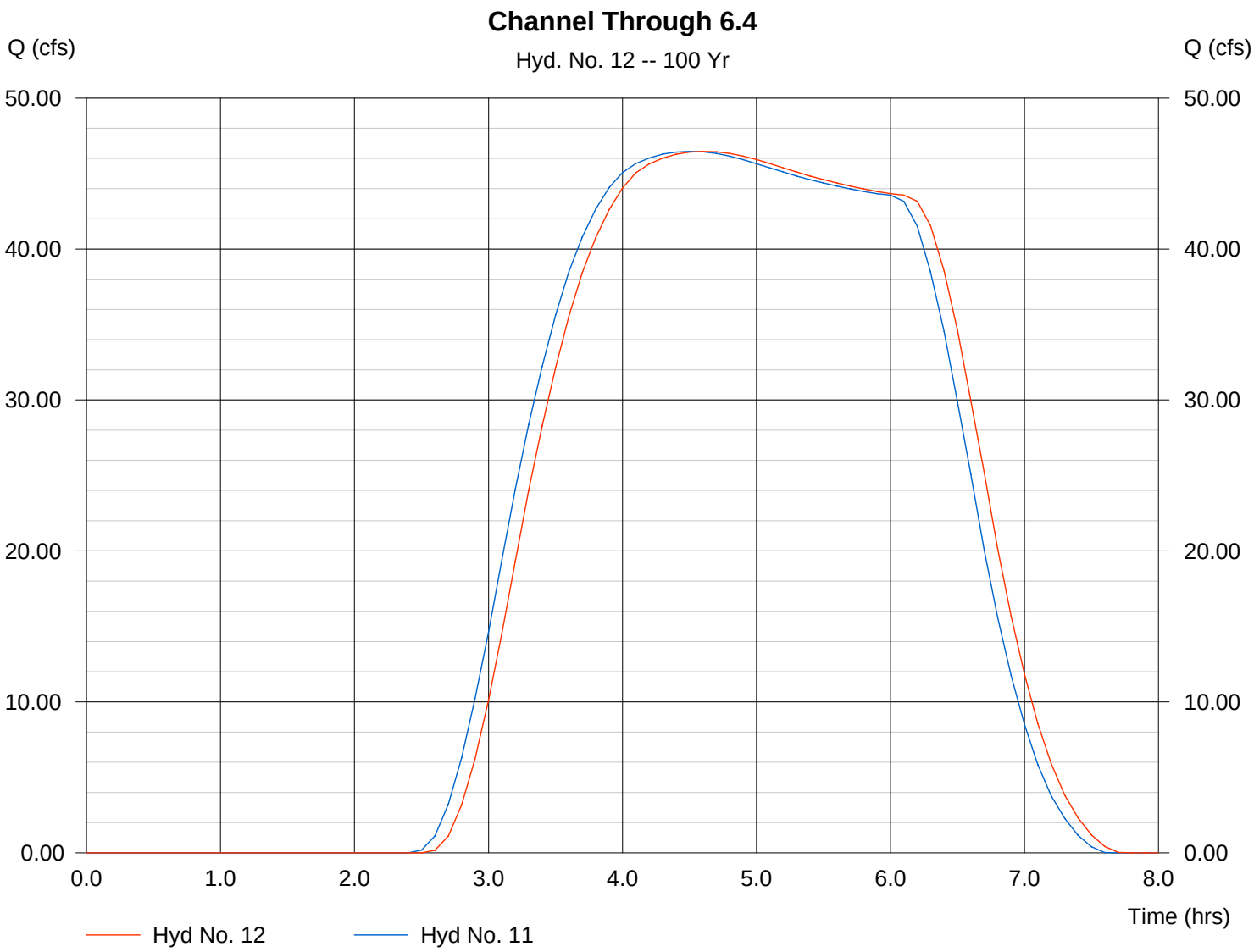
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 12

Channel Through 6.4

Hydrograph type	=	Reach	Peak discharge	=	46.47 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyd. No.	=	11	Section type	=	Trapezoidal
Reach length	=	2370.0 ft	Channel slope	=	4.2 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	2.549	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.9790

Modified Att-Kin routing method used. | Hydrograph Volume = 566,386 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

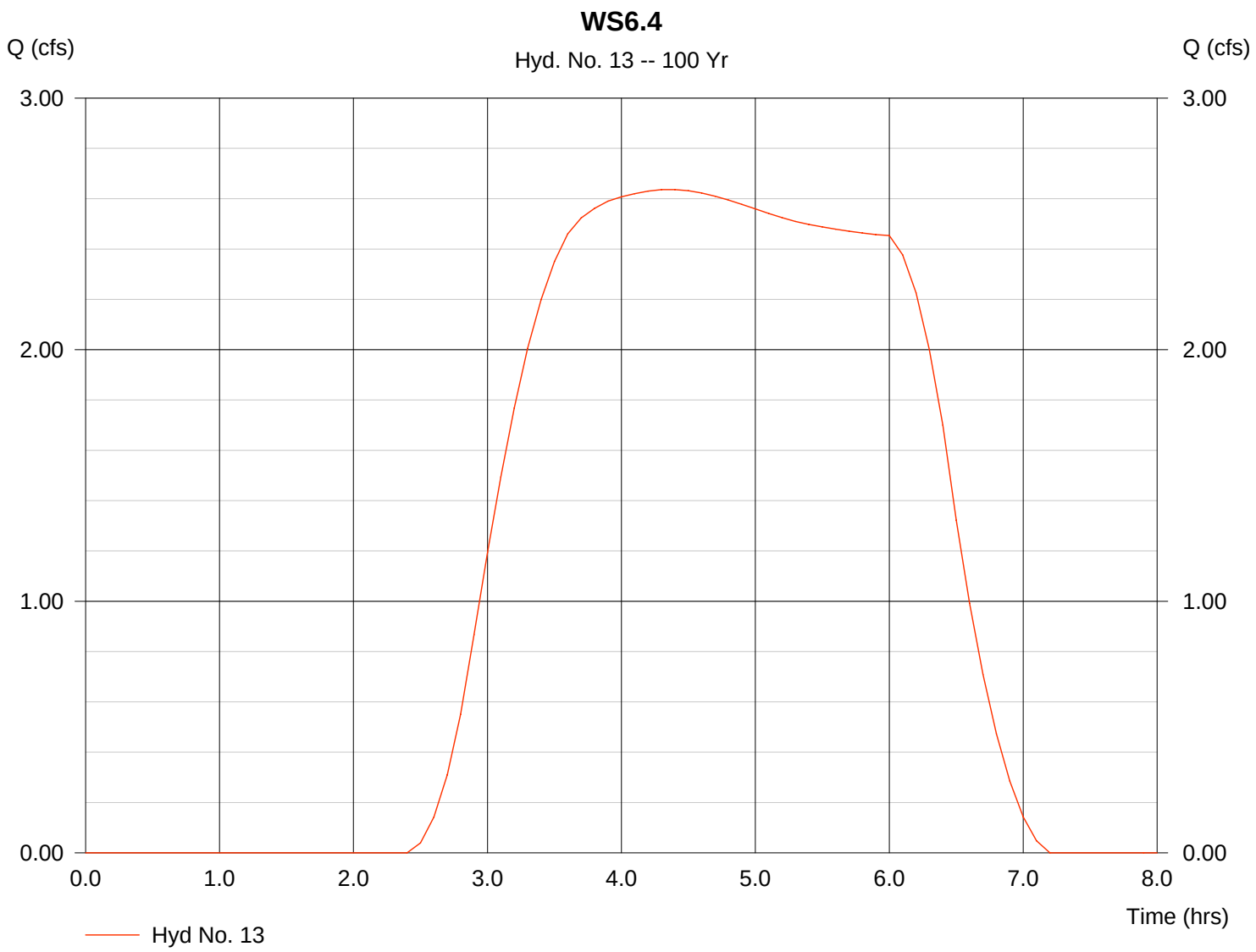
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 13

WS6.4

Hydrograph type	= SCS Runoff	Peak discharge	= 2.64 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 67.000 ac	Curve number	= 65
Basin Slope	= 4.2 %	Hydraulic length	= 2370 ft
Tc method	= LAG	Time of conc. (Tc)	= 47.00 min
Total precip.	= 2.00 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 32,020 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

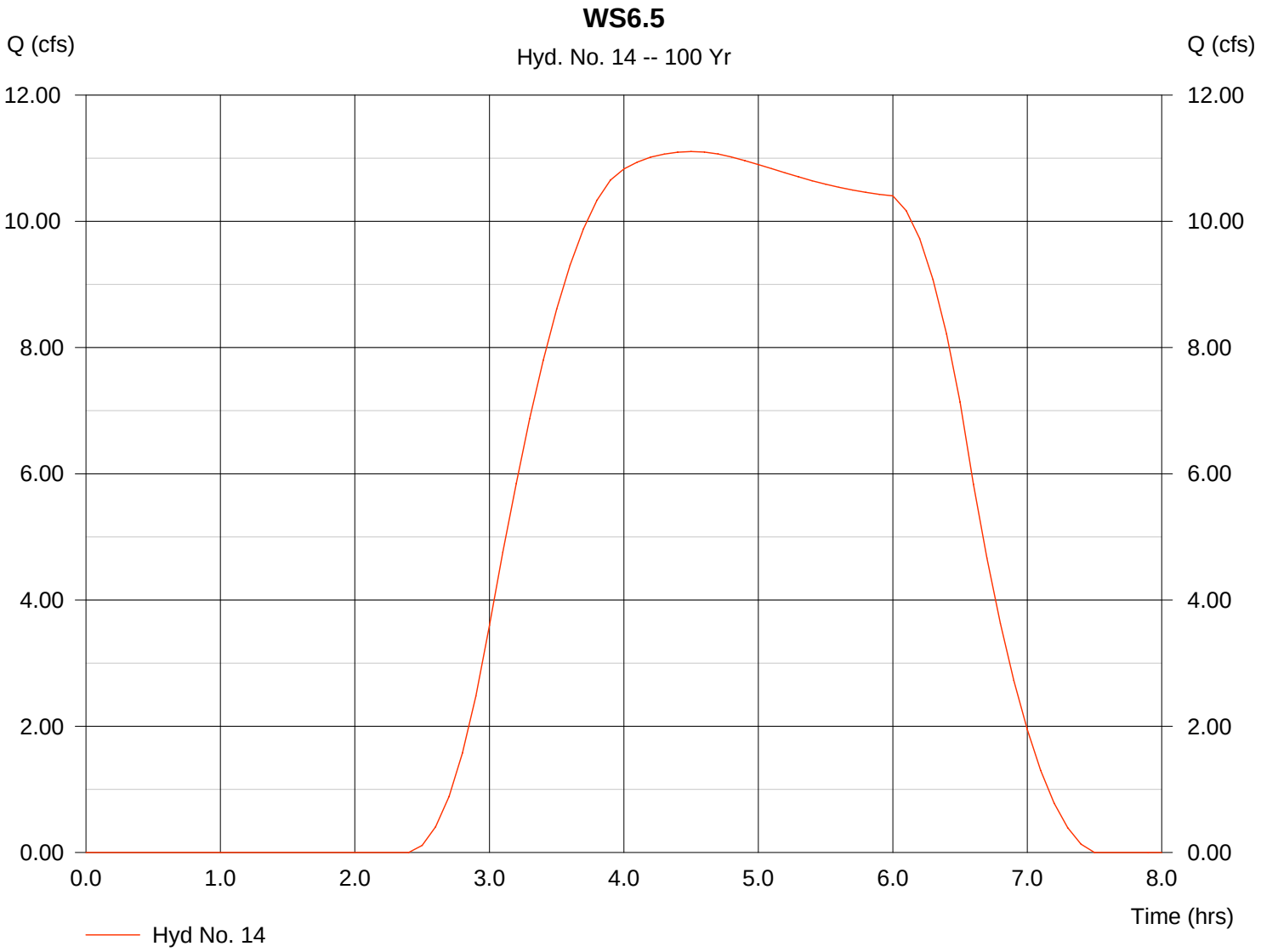
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 14

WS6.5

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.10 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	276.000 ac	Curve number	=	65
Basin Slope	=	17.5 %	Hydraulic length	=	6770 ft
Tc method	=	LAG	Time of conc. (Tc)	=	53.50 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 135,285 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

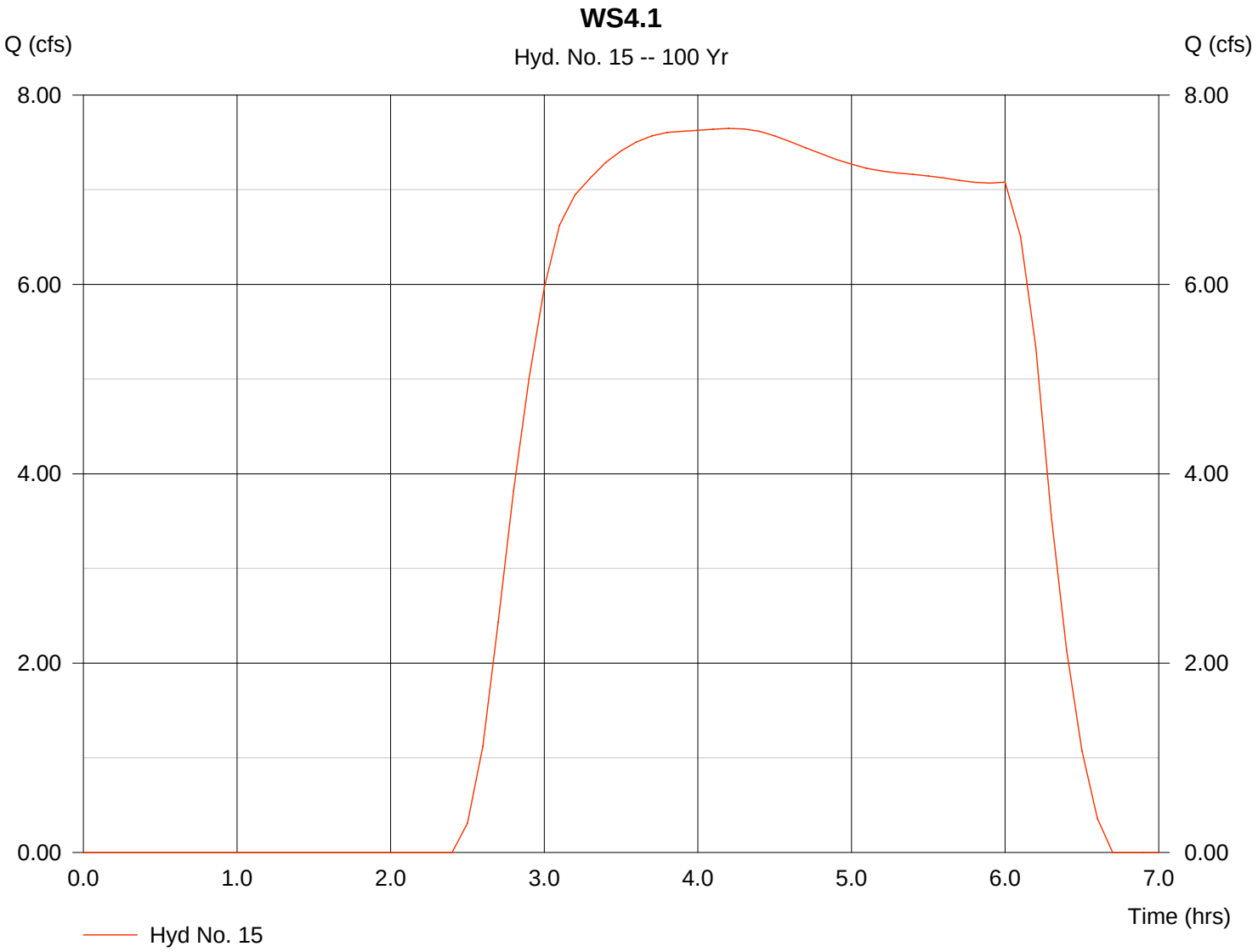
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 15

WS4.1

Hydrograph type	= SCS Runoff	Peak discharge	= 7.65 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 189.000 ac	Curve number	= 65
Basin Slope	= 31.3 %	Hydraulic length	= 3850 ft
Tc method	= LAG	Time of conc. (Tc)	= 25.40 min
Total precip.	= 2.00 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 92,641 cuft



Hydrograph Plot

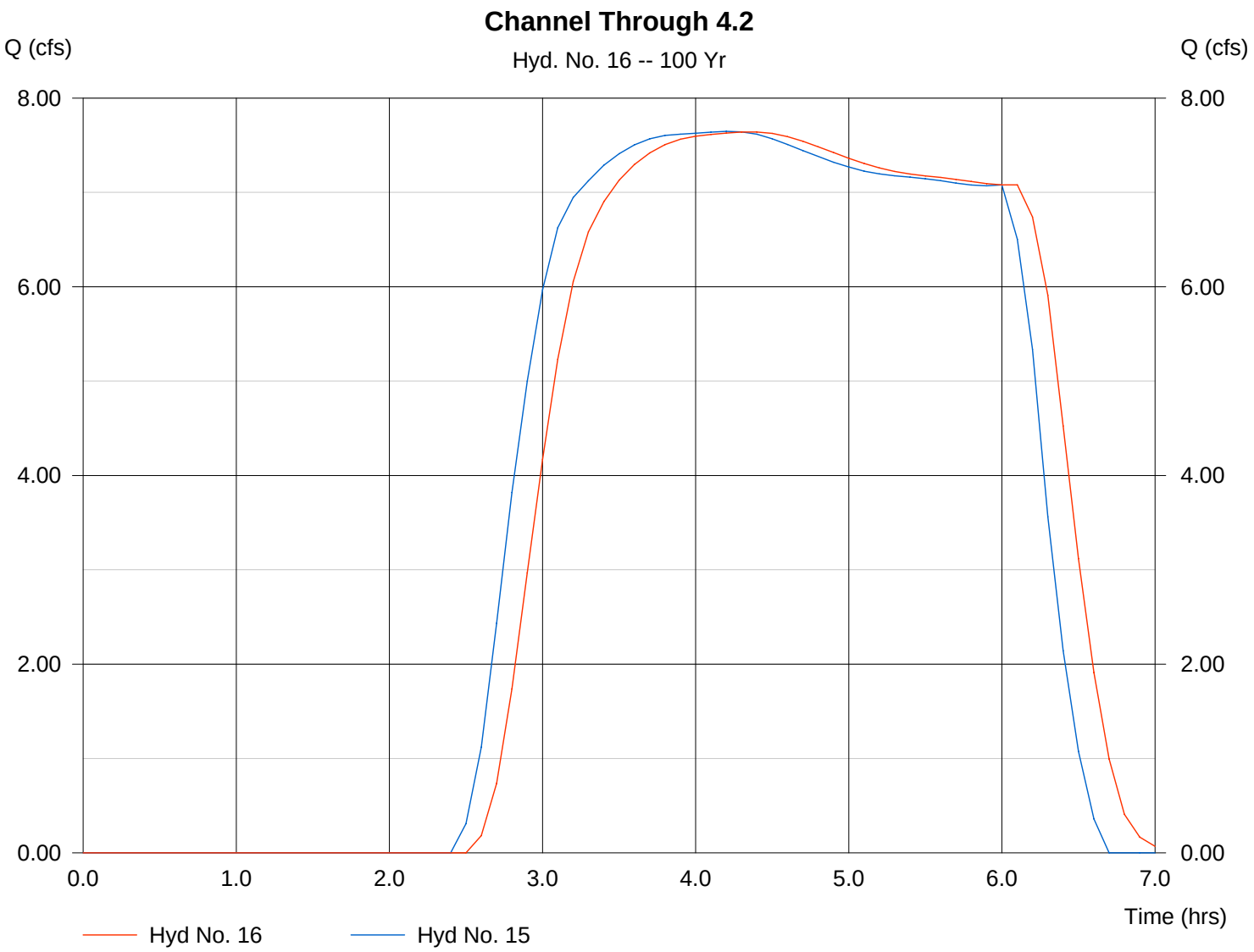
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 16

Channel Through 4.2

Hydrograph type	=	Reach	Peak discharge	=	7.64 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyd. No.	=	15	Section type	=	Trapezoidal
Reach length	=	5010.0 ft	Channel slope	=	10.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	4.0 ft
Rating curve x	=	3.998	Rating curve m	=	1.427
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.5907

Modified Att-Kin routing method used. | Hydrograph Volume = 92,638 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

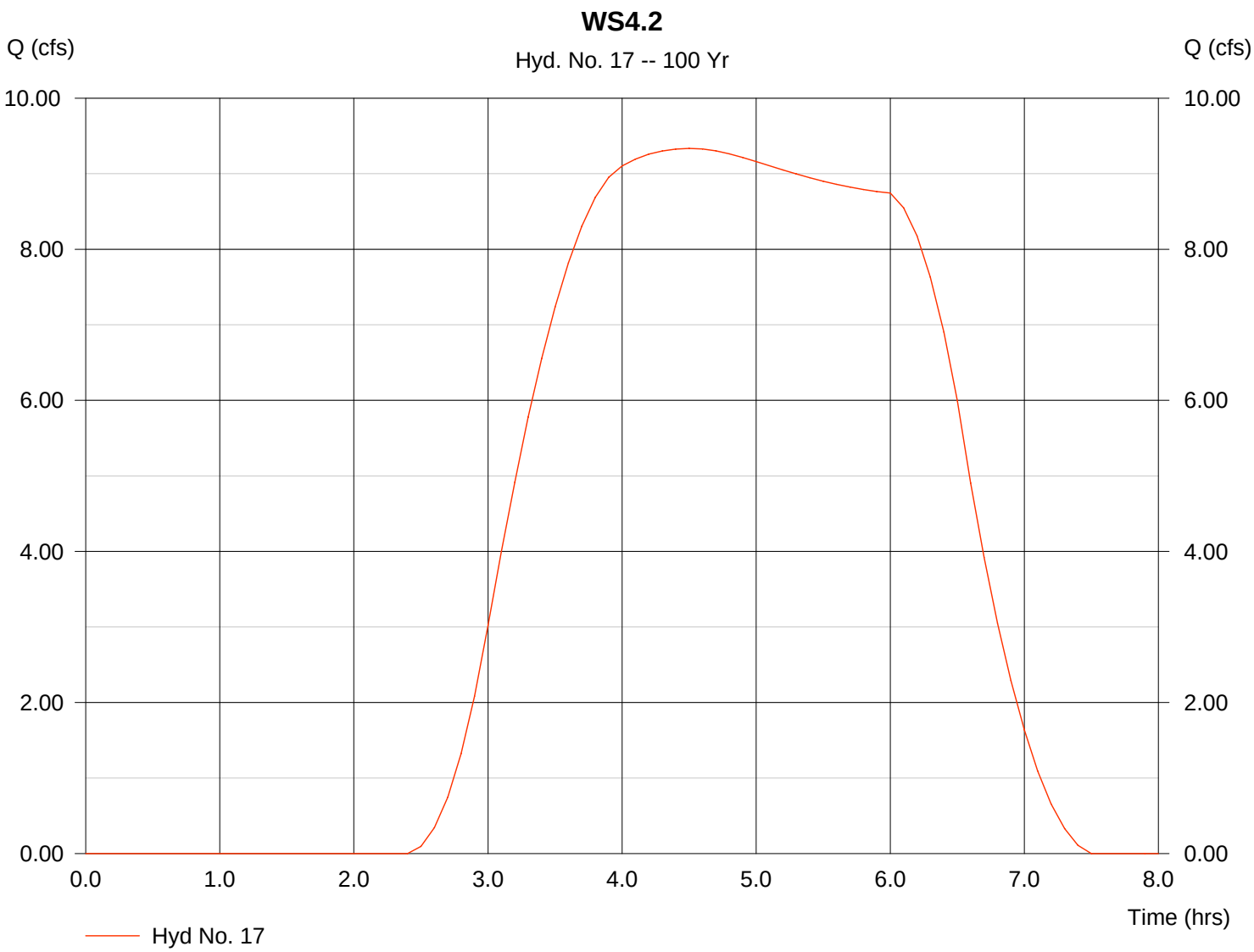
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 17

WS4.2

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.33 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	232.000 ac	Curve number	=	65
Basin Slope	=	10.4 %	Hydraulic length	=	5010 ft
Tc method	=	LAG	Time of conc. (Tc)	=	54.60 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 113,718 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

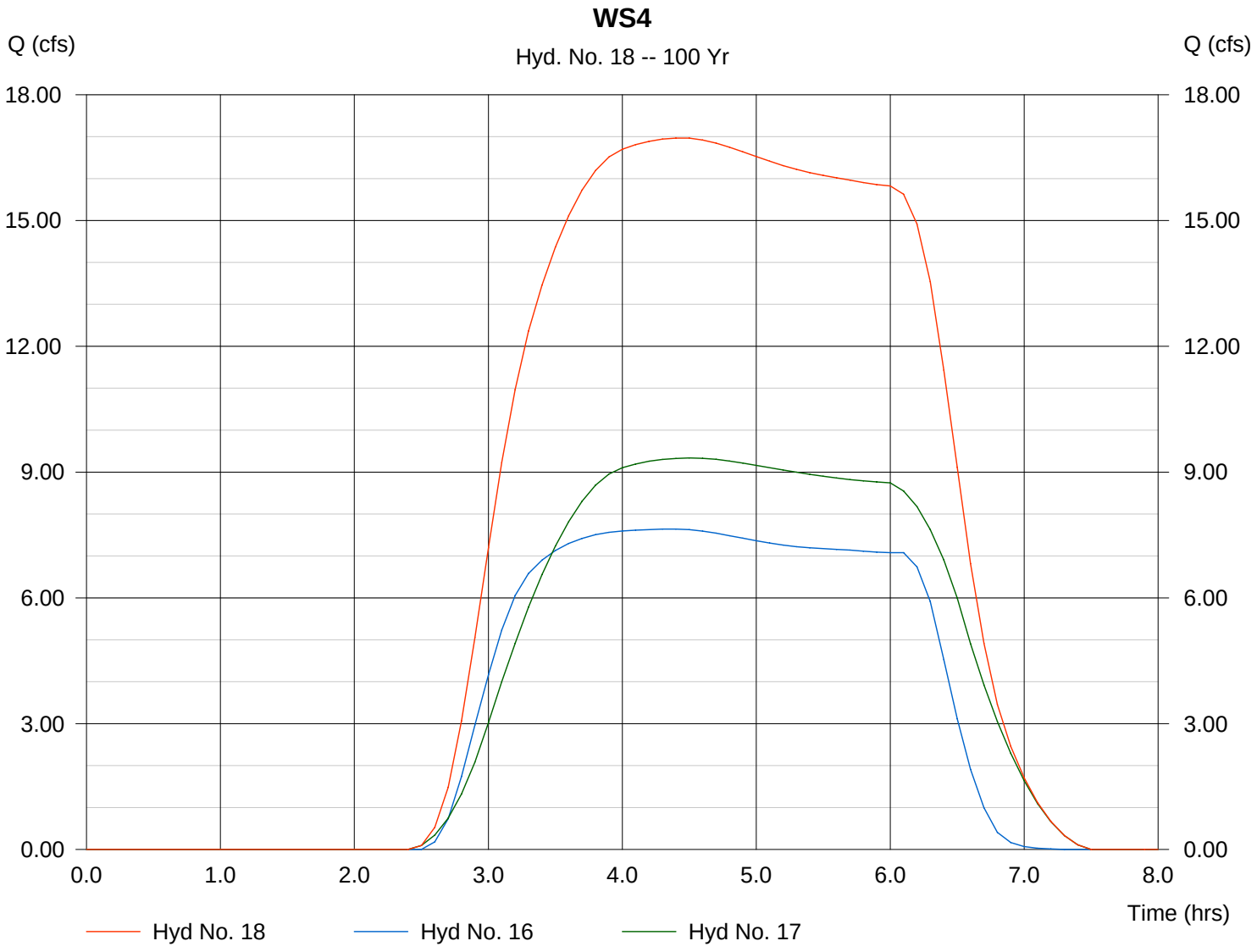
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 18

WS4

Hydrograph type	=	Combine	Peak discharge	=	16.97 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyds.	=	16, 17			

Hydrograph Volume = 206,356 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

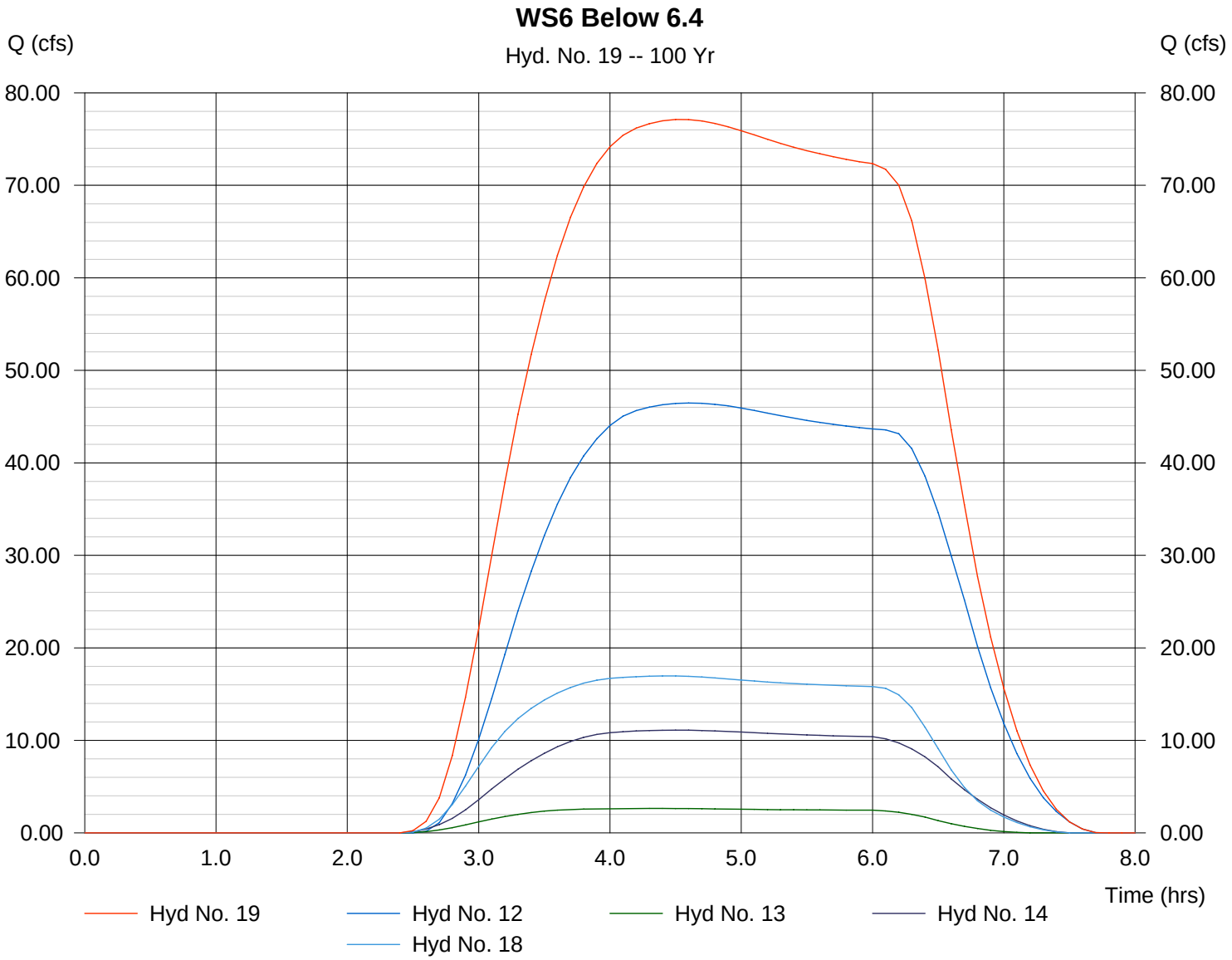
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 19

WS6 Below 6.4

Hydrograph type	=	Combine	Peak discharge	=	77.12 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyds.	=	12, 13, 14, 18			

Hydrograph Volume = 940,047 cuft



Hydrograph Plot

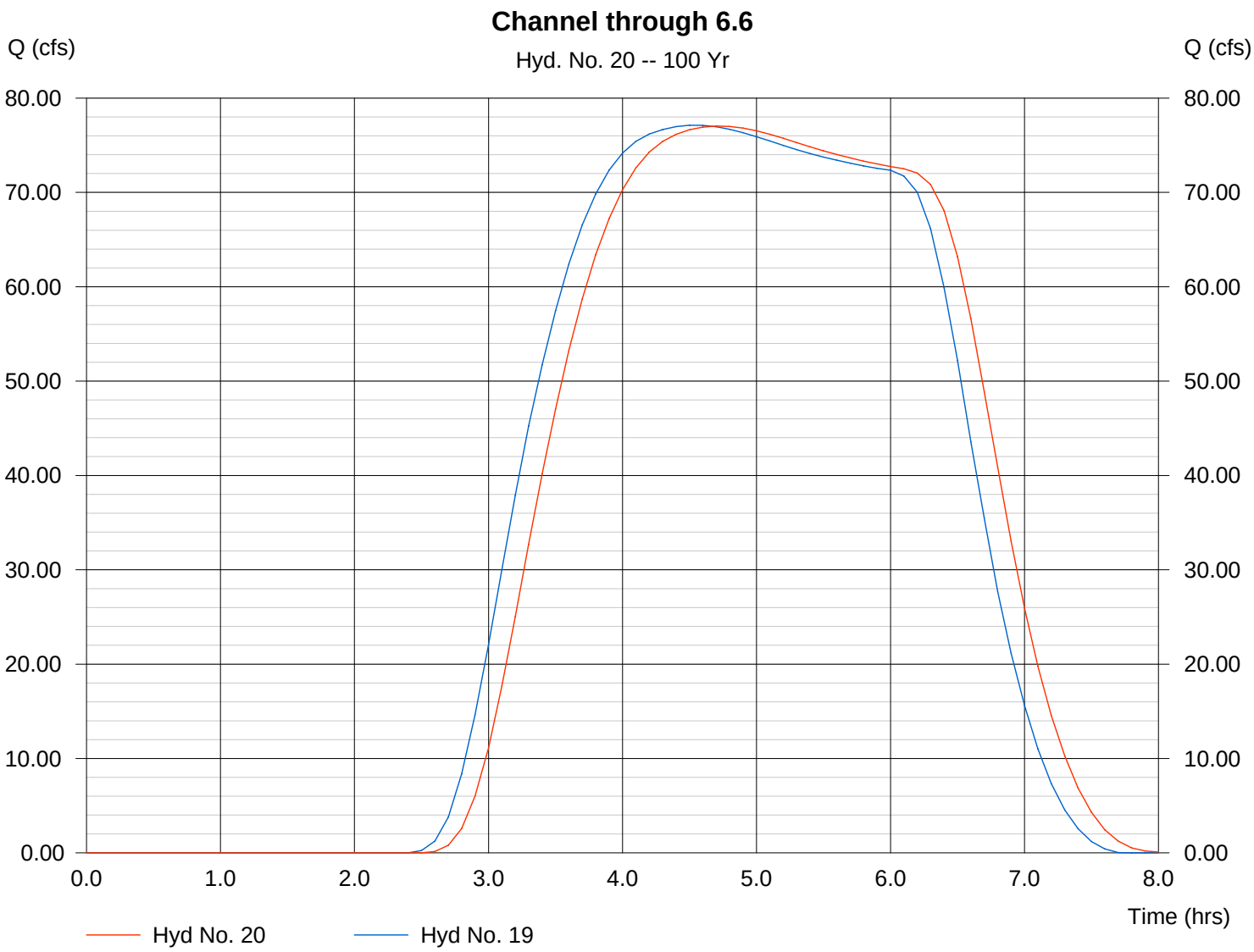
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 20

Channel through 6.6

Hydrograph type	=	Reach	Peak discharge	=	77.03 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyd. No.	=	19	Section type	=	Trapezoidal
Reach length	=	5730.0 ft	Channel slope	=	3.3 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.261	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.5957

Modified Att-Kin routing method used. | Hydrograph Volume = 940,043 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

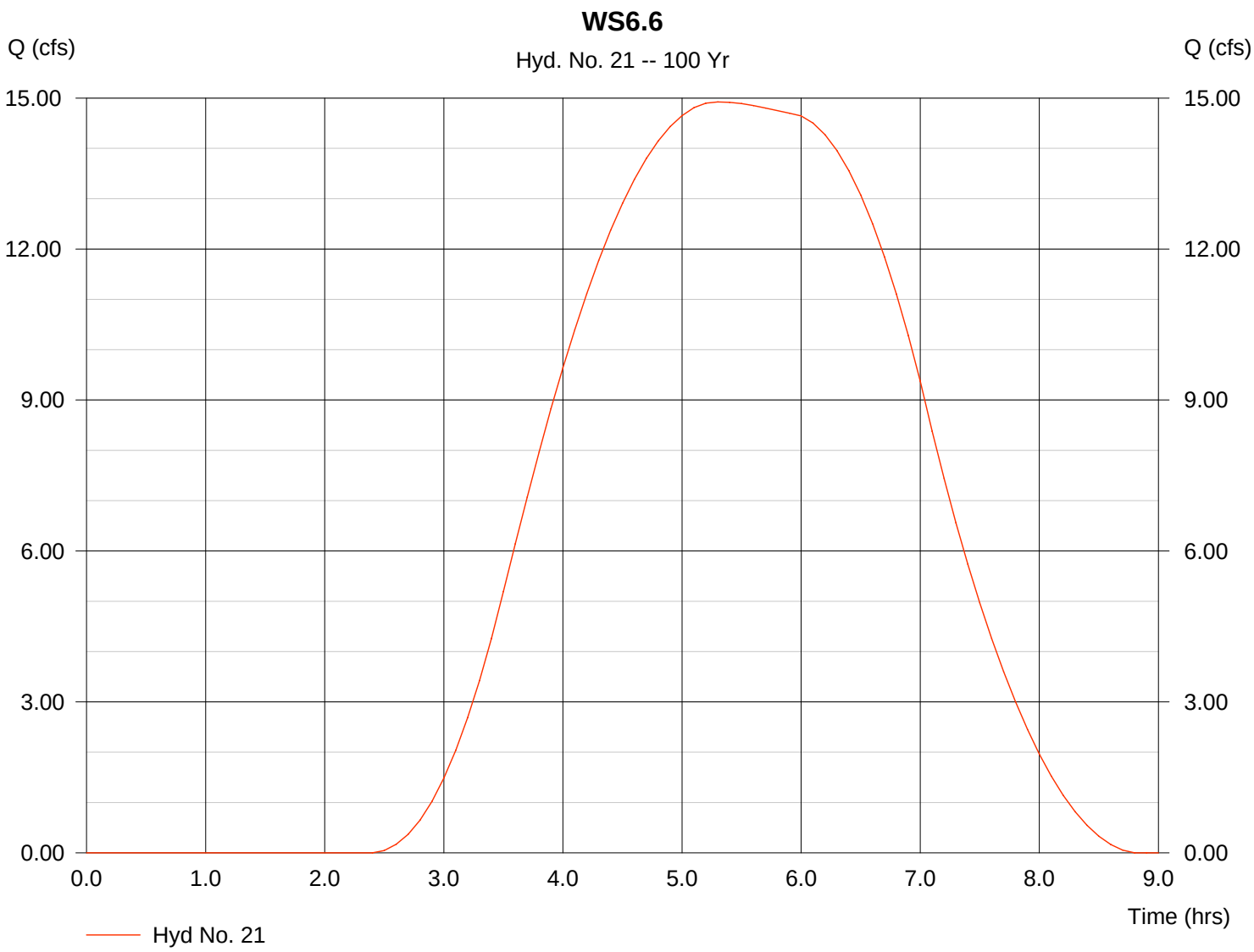
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 21

WS6.6

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.92 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	383.000 ac	Curve number	=	65
Basin Slope	=	3.3 %	Hydraulic length	=	5730 ft
Tc method	=	LAG	Time of conc. (Tc)	=	107.50 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 185,599 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

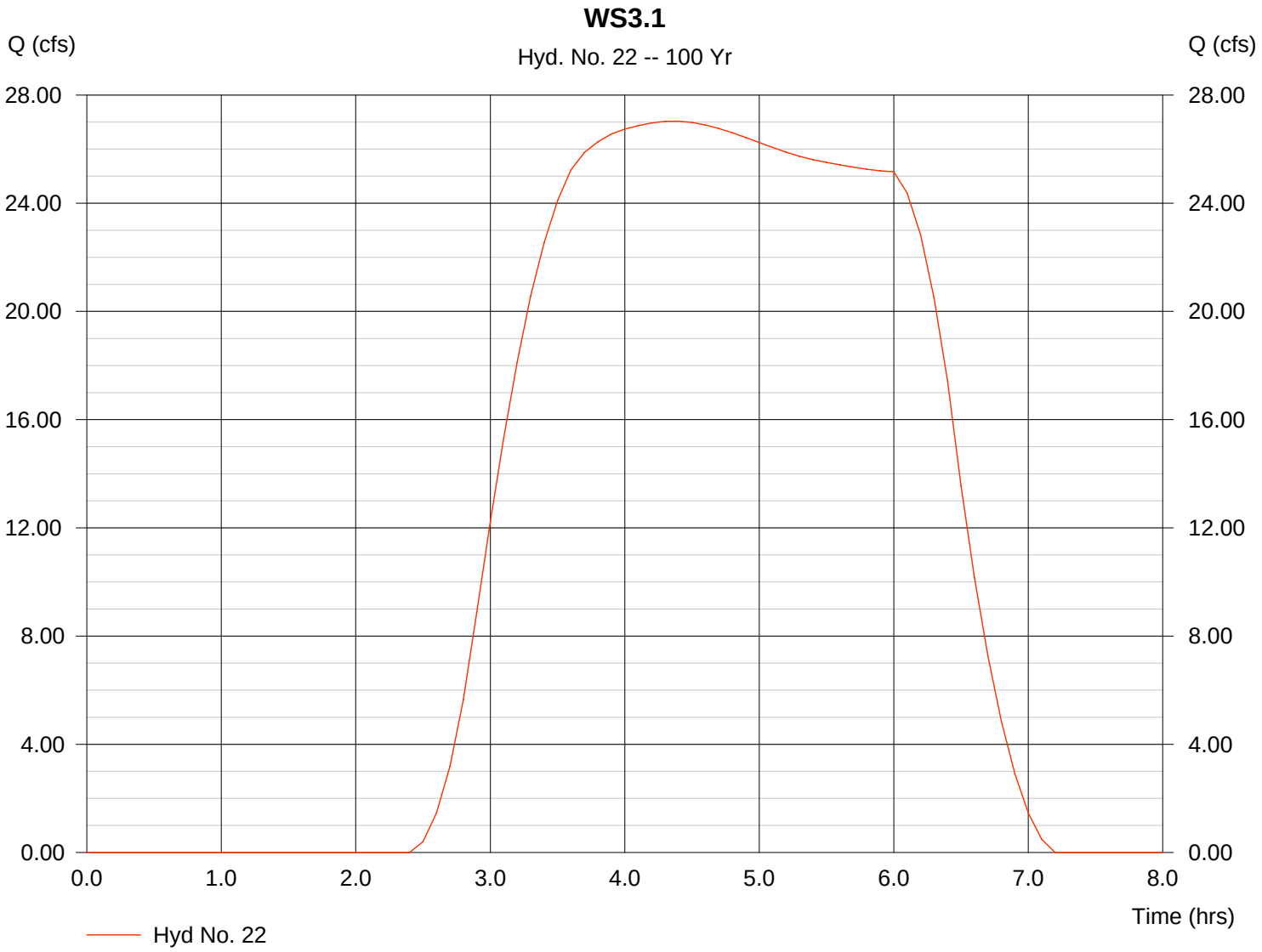
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 22

WS3.1

Hydrograph type	=	SCS Runoff	Peak discharge	=	27.03 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	687.000 ac	Curve number	=	65
Basin Slope	=	24.2 %	Hydraulic length	=	7090 ft
Tc method	=	LAG	Time of conc. (Tc)	=	47.20 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 328,323 cuft



Hydrograph Plot

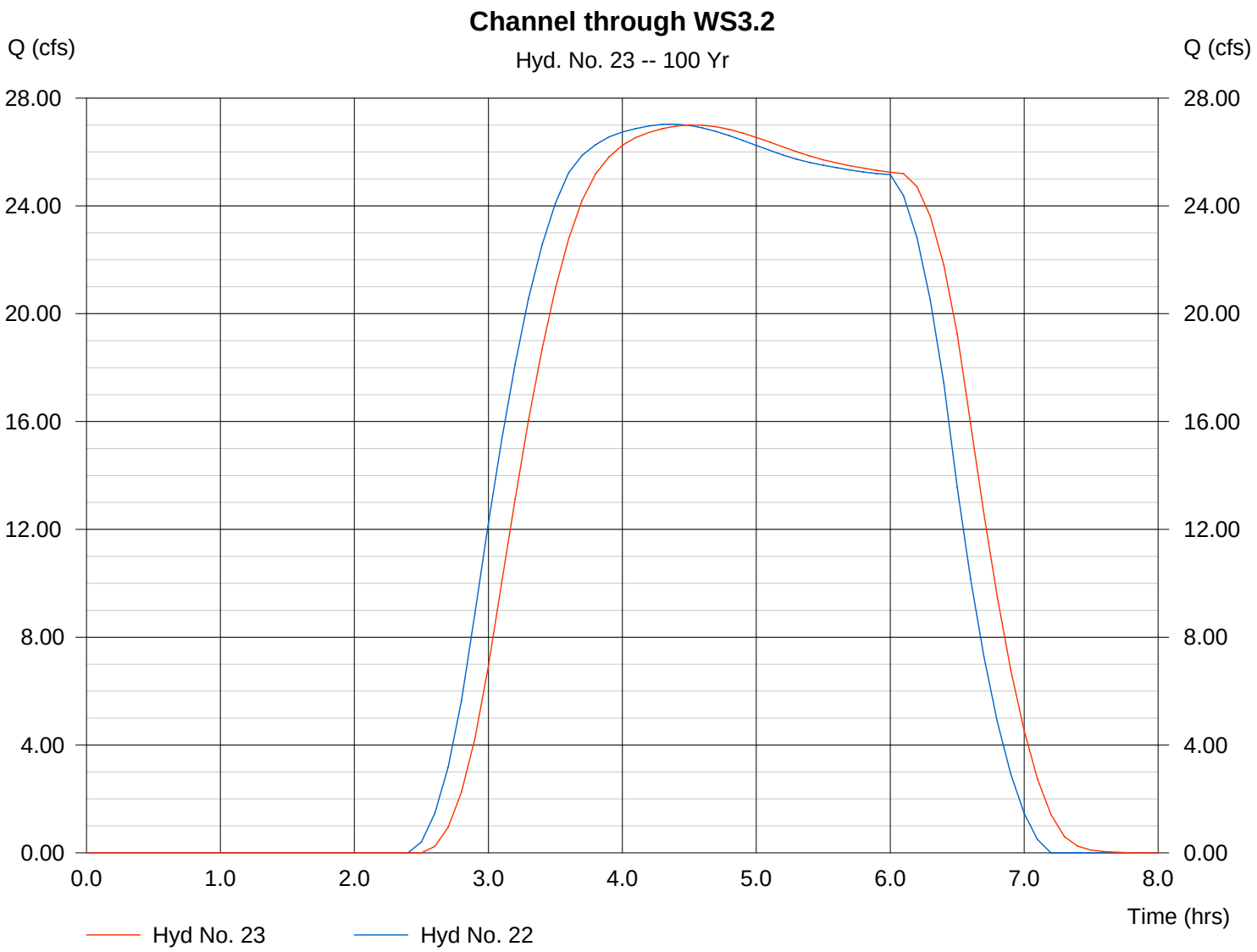
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 23

Channel through WS3.2

Hydrograph type	=	Reach	Peak discharge	=	27.00 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyd. No.	=	22	Section type	=	Trapezoidal
Reach length	=	4980.0 ft	Channel slope	=	4.4 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.609	Rating curve m	=	1.428
Ave. velocity	=	0.00 ft/s	Routing coeff.	=	0.5833

Modified Att-Kin routing method used. | Hydrograph Volume = 328,319 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

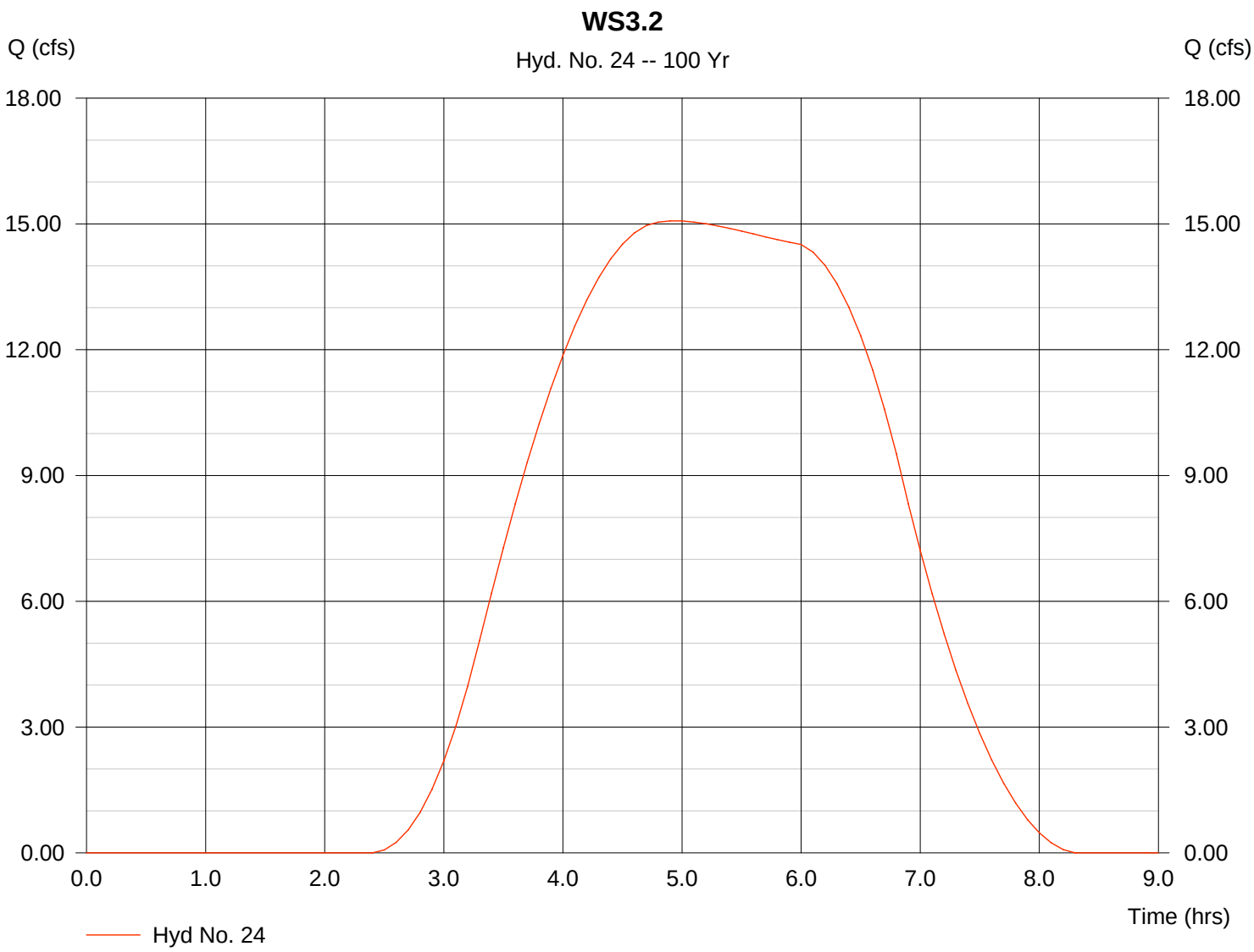
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 24

WS3.2

Hydrograph type	= SCS Runoff	Peak discharge	= 15.07 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 379.000 ac	Curve number	= 65
Basin Slope	= 4.4 %	Hydraulic length	= 4980 ft
Tc method	= LAG	Time of conc. (Tc)	= 83.30 min
Total precip.	= 2.00 in	Distribution	= SCS 6-Hr
Storm duration	= 6 hrs	Shape factor	= 484

Hydrograph Volume = 185,772 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

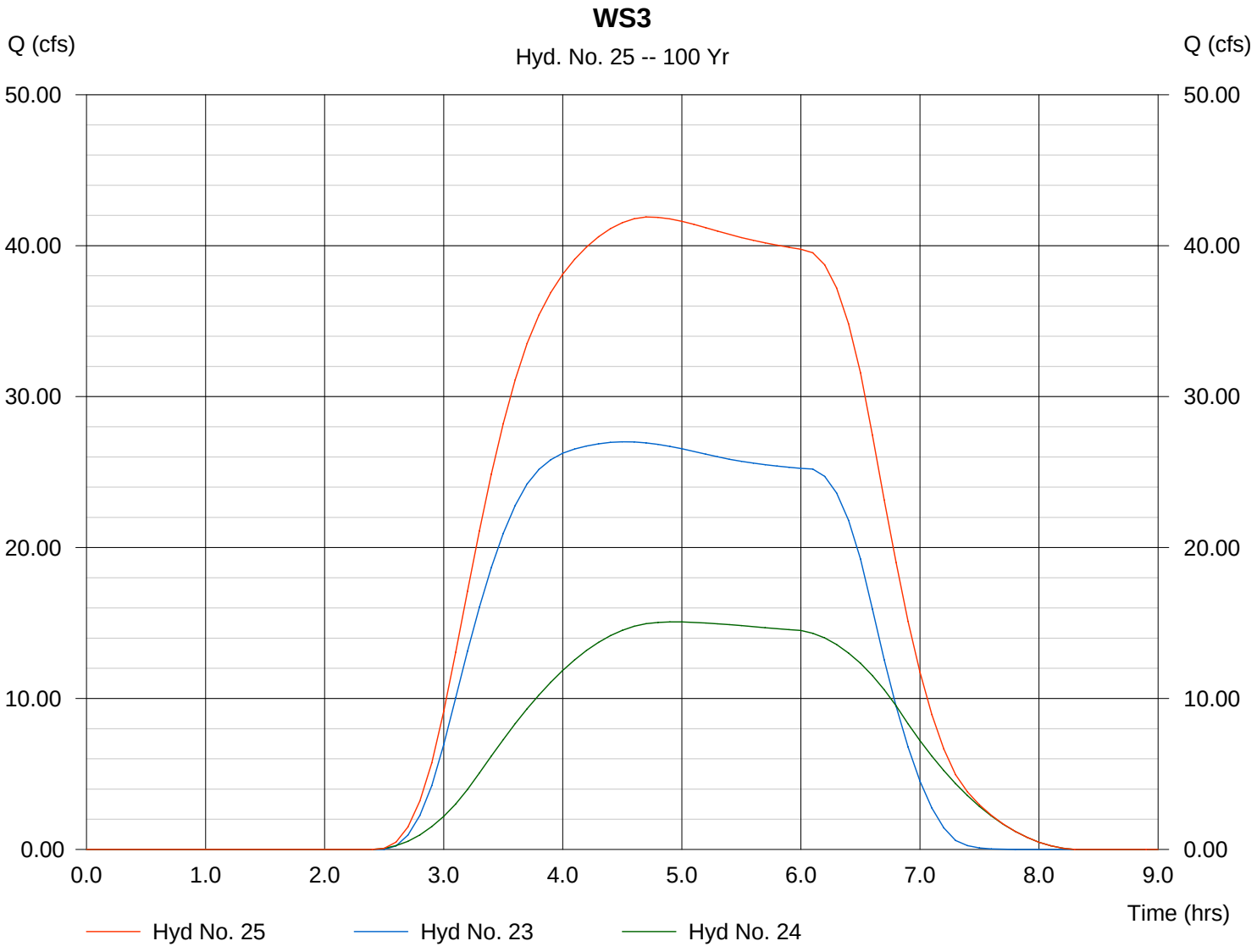
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 25

WS3

Hydrograph type	= Combine	Peak discharge	= 41.89 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Inflow hyds.	= 23, 24		

Hydrograph Volume = 514,090 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

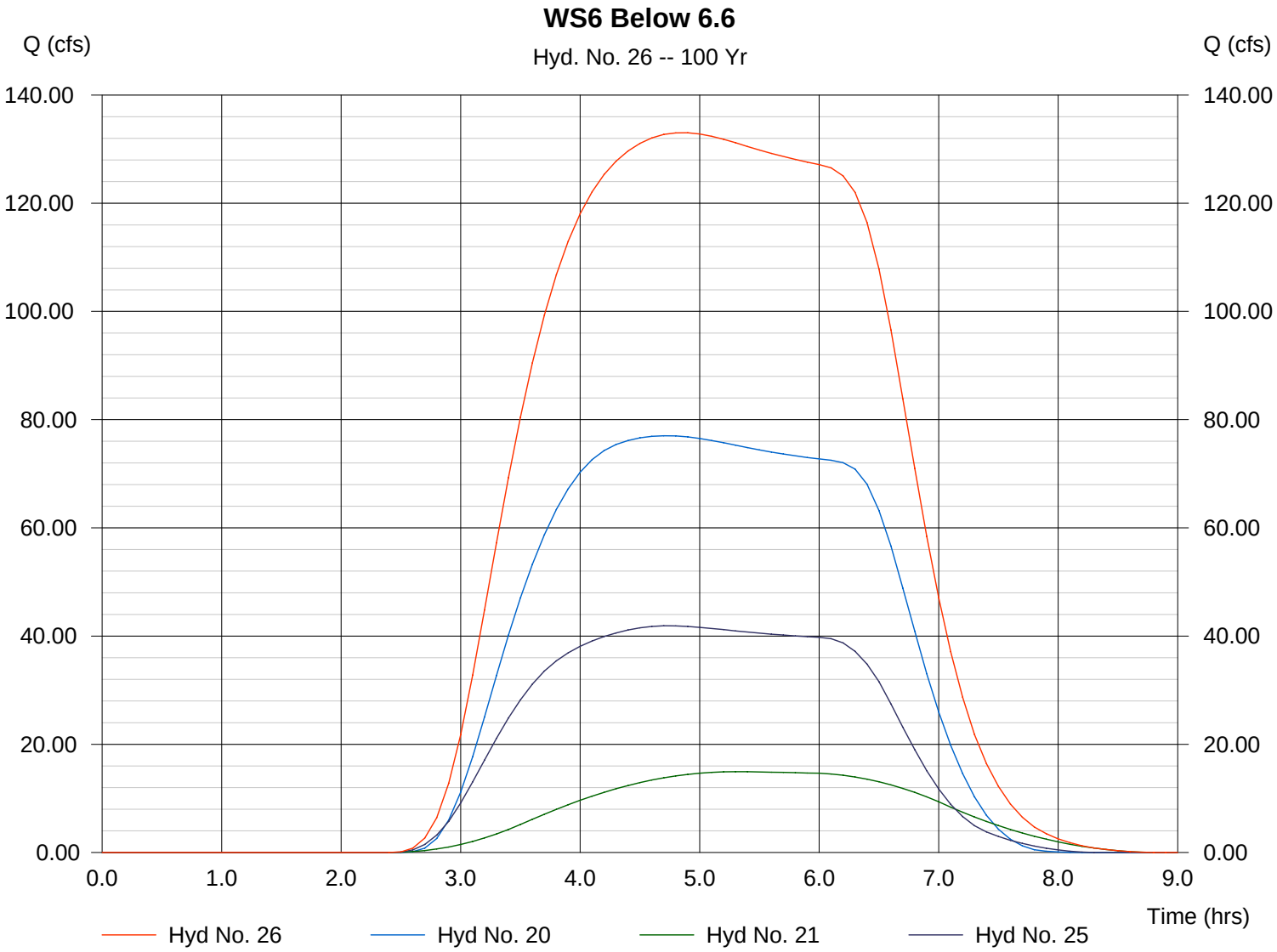
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 26

WS6 Below 6.6

Hydrograph type	=	Combine	Peak discharge	=	133.01 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyds.	=	20, 21, 25			

Hydrograph Volume = 1,639,733 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

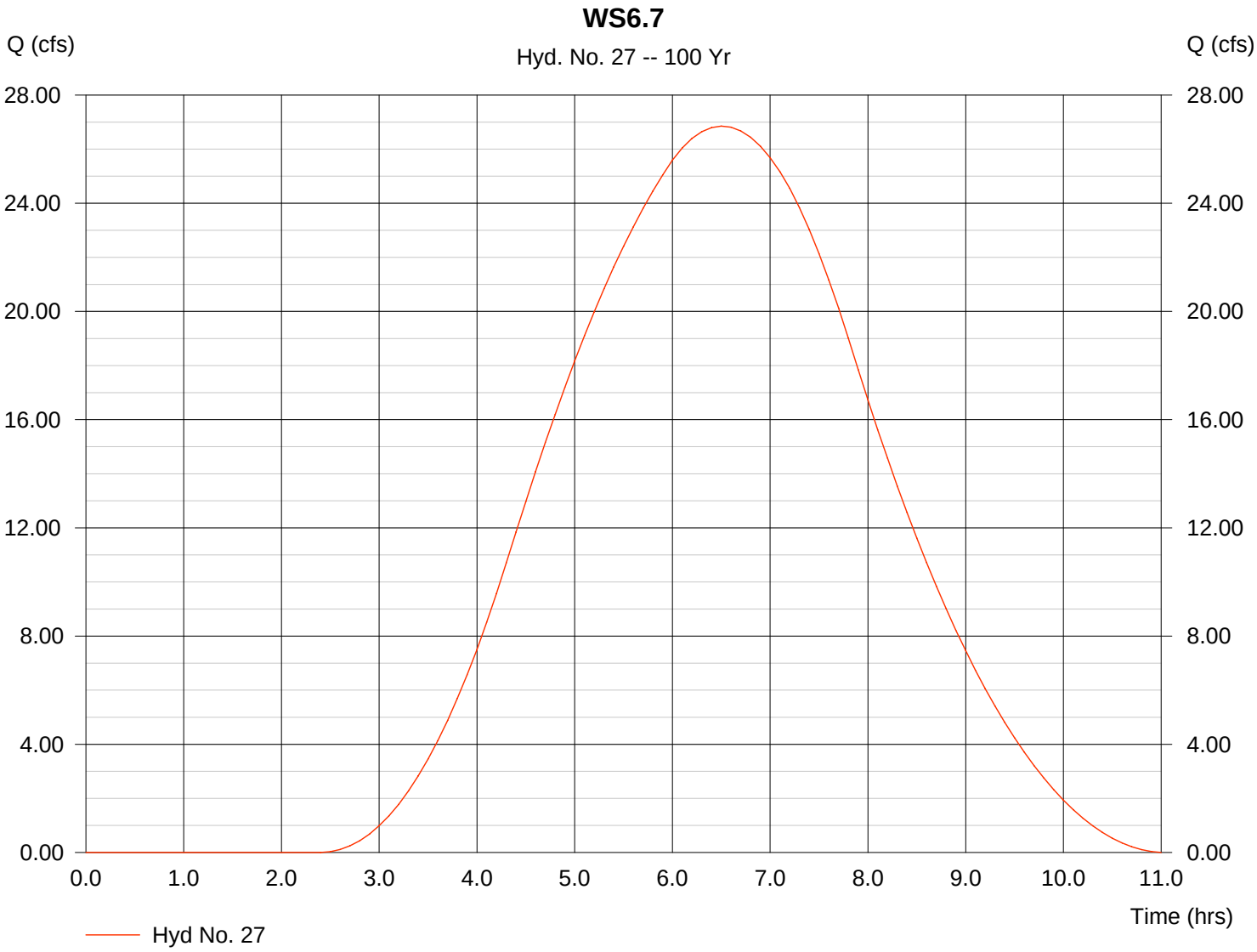
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 27

WS6.7

Hydrograph type	=	SCS Runoff	Peak discharge	=	26.85 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Drainage area	=	760.000 ac	Curve number	=	65
Basin Slope	=	2.9 %	Hydraulic length	=	10770 ft
Tc method	=	LAG	Time of conc. (Tc)	=	191.30 min
Total precip.	=	2.00 in	Distribution	=	SCS 6-Hr
Storm duration	=	6 hrs	Shape factor	=	484

Hydrograph Volume = 374,974 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

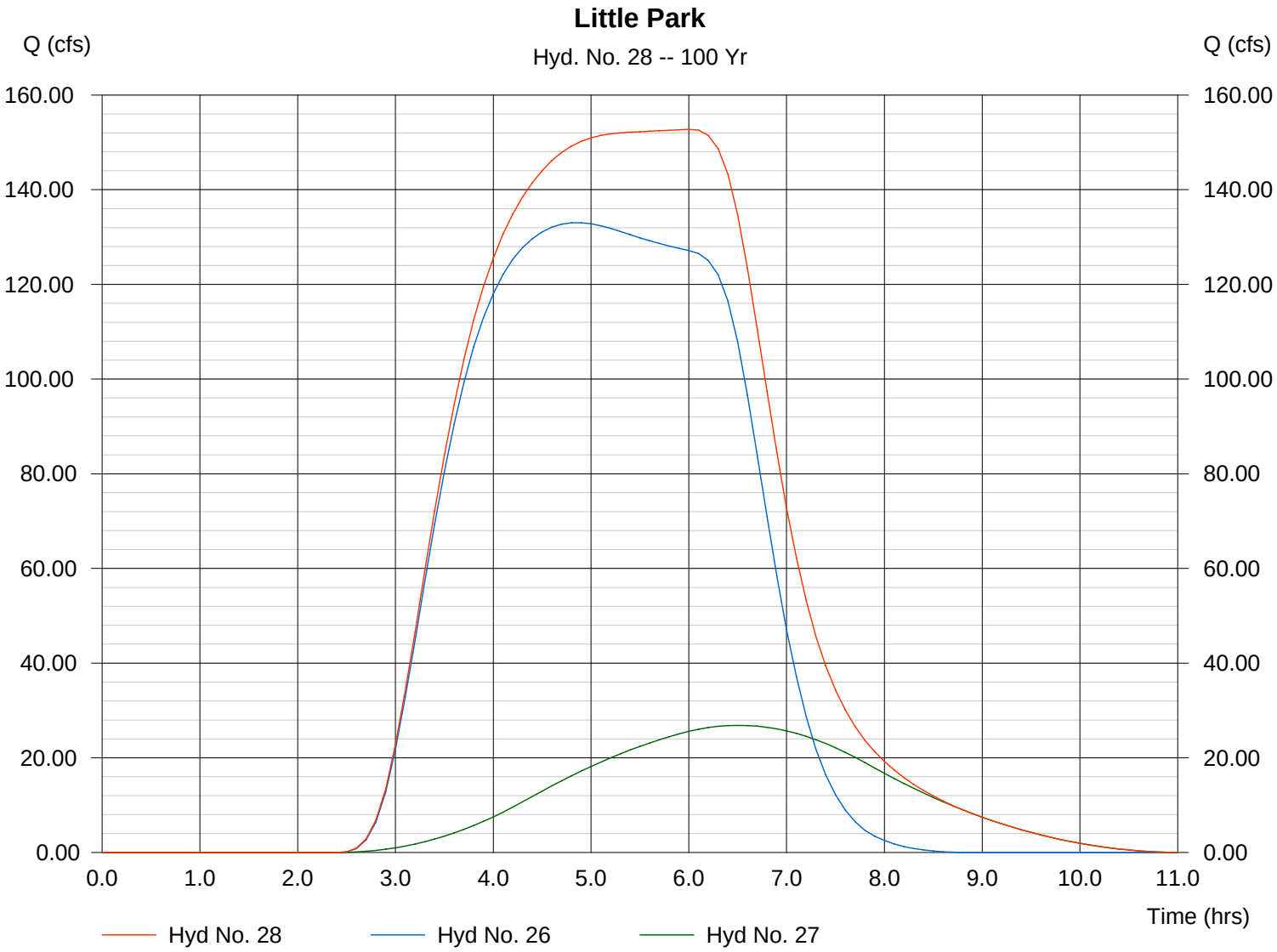
Wednesday, Nov 30 2005, 7:58 AM

Hyd. No. 28

Little Park

Hydrograph type	=	Combine	Peak discharge	=	152.74 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyds.	=	26, 27			

Hydrograph Volume = 2,014,707 cuft



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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

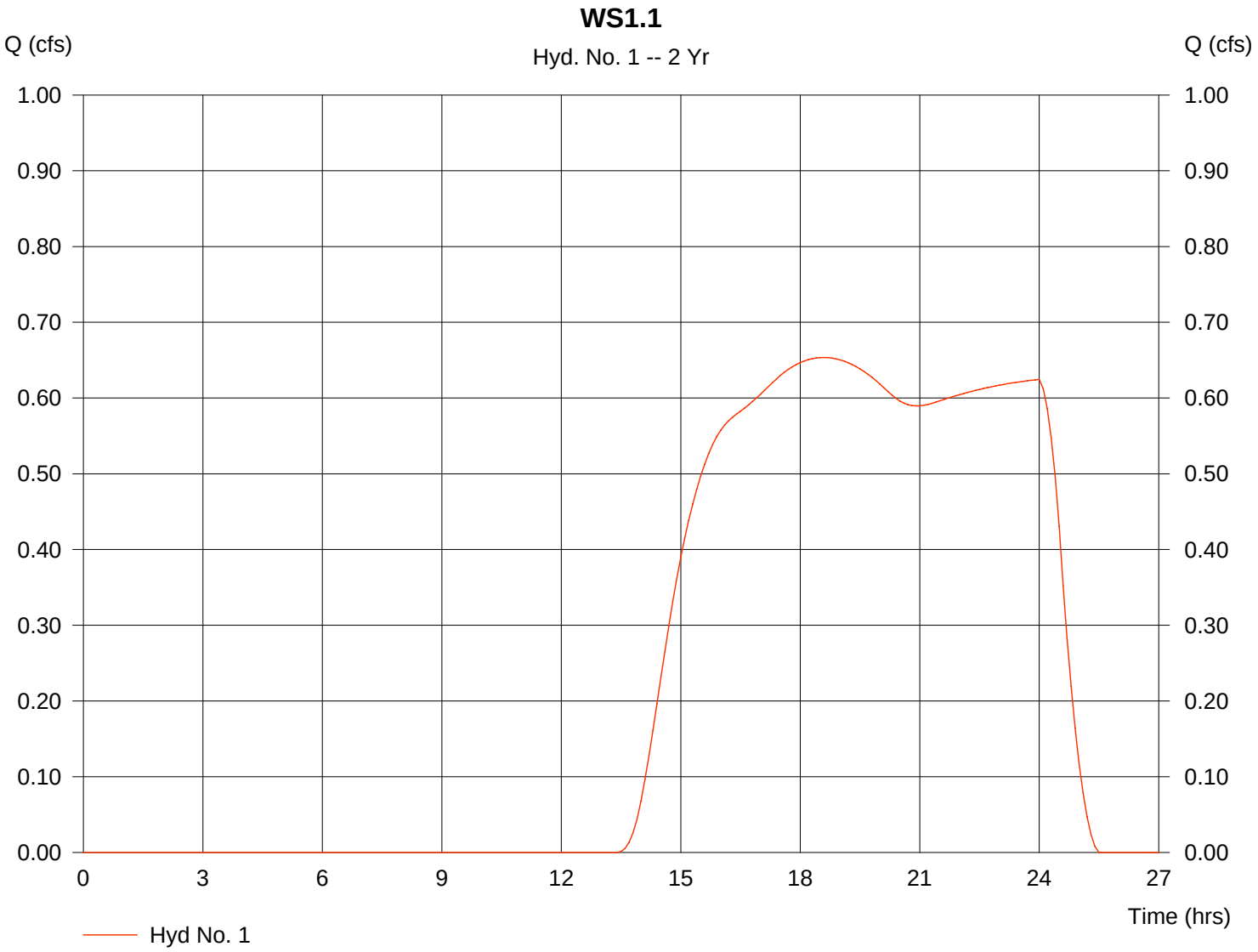
Wednesday, Nov 30 2005, 8:35 AM

Hyd. No. 1

WS1.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.65 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 427.000 ac	Curve number	= 65
Basin Slope	= 21.8 %	Hydraulic length	= 7290 ft
Tc method	= LAG	Time of conc. (Tc)	= 50.80 min
Total precip.	= 1.36 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 21,912 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

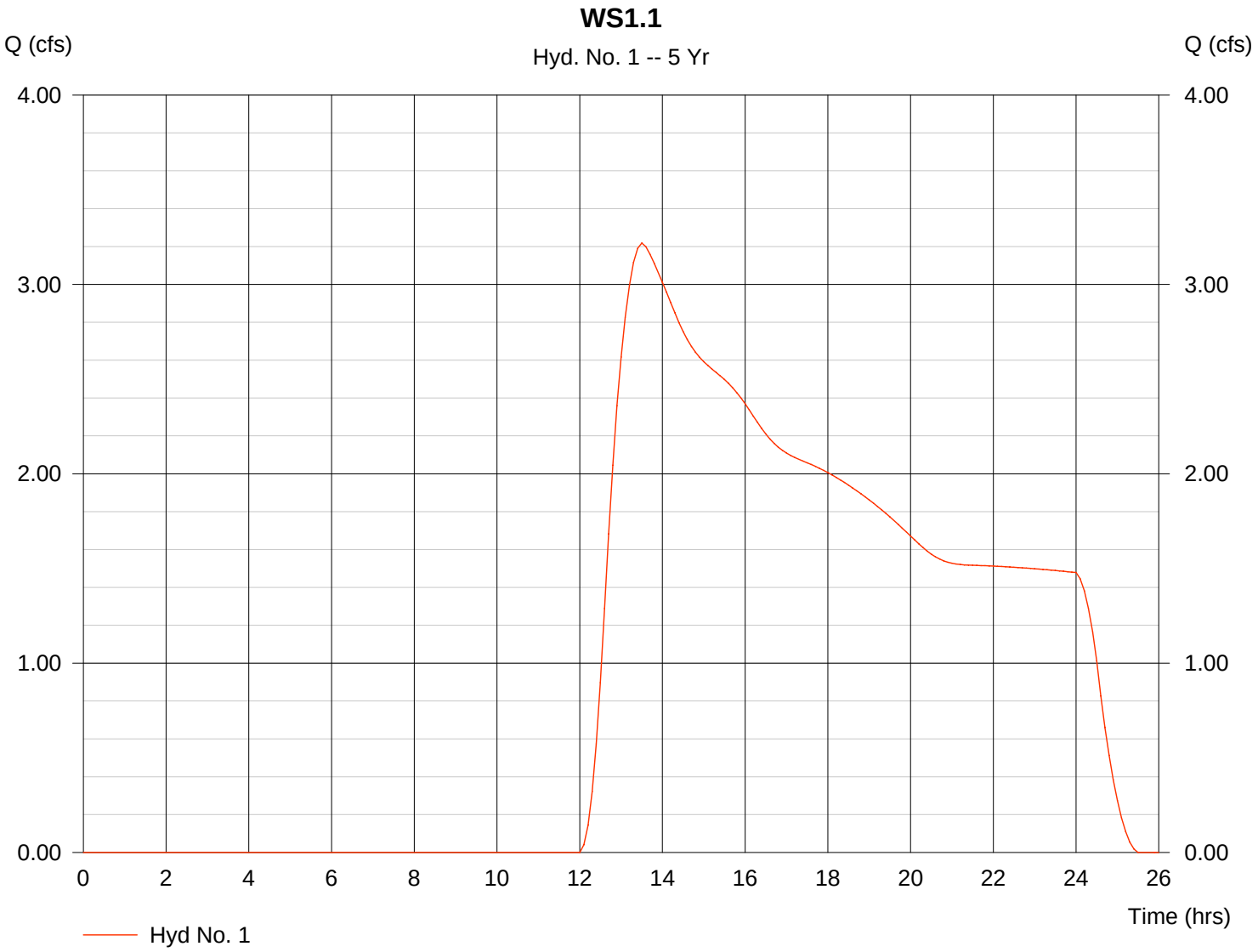
Wednesday, Nov 30 2005, 8:36 AM

Hyd. No. 1

WS1.1

Hydrograph type	= SCS Runoff	Peak discharge	= 3.22 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 427.000 ac	Curve number	= 65
Basin Slope	= 21.8 %	Hydraulic length	= 7290 ft
Tc method	= LAG	Time of conc. (Tc)	= 50.80 min
Total precip.	= 1.66 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 88,146 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

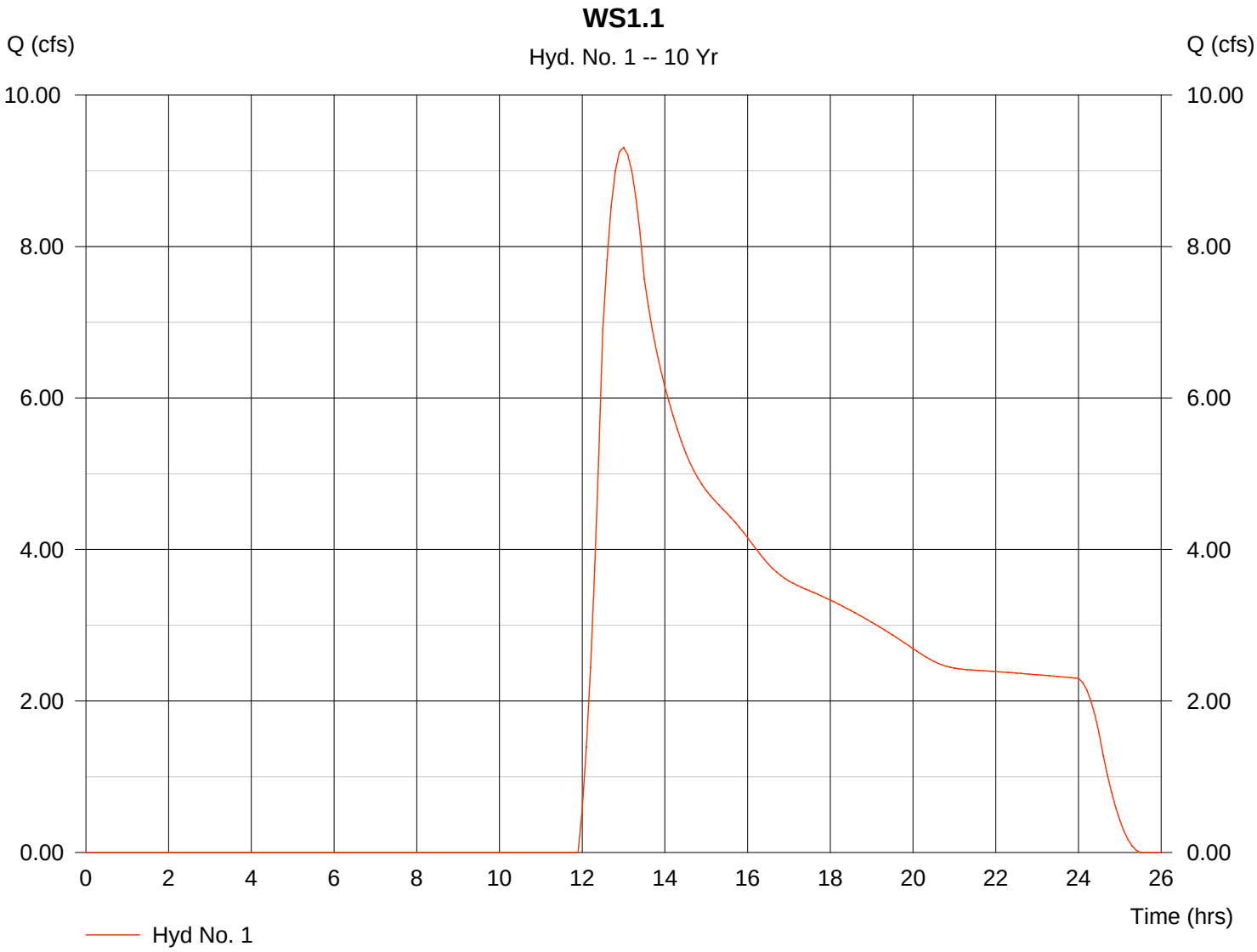
Wednesday, Nov 30 2005, 8:36 AM

Hyd. No. 1

WS1.1

Hydrograph type	= SCS Runoff	Peak discharge	= 9.31 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 427.000 ac	Curve number	= 65
Basin Slope	= 21.8 %	Hydraulic length	= 7290 ft
Tc method	= LAG	Time of conc. (Tc)	= 50.80 min
Total precip.	= 1.91 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 172,995 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

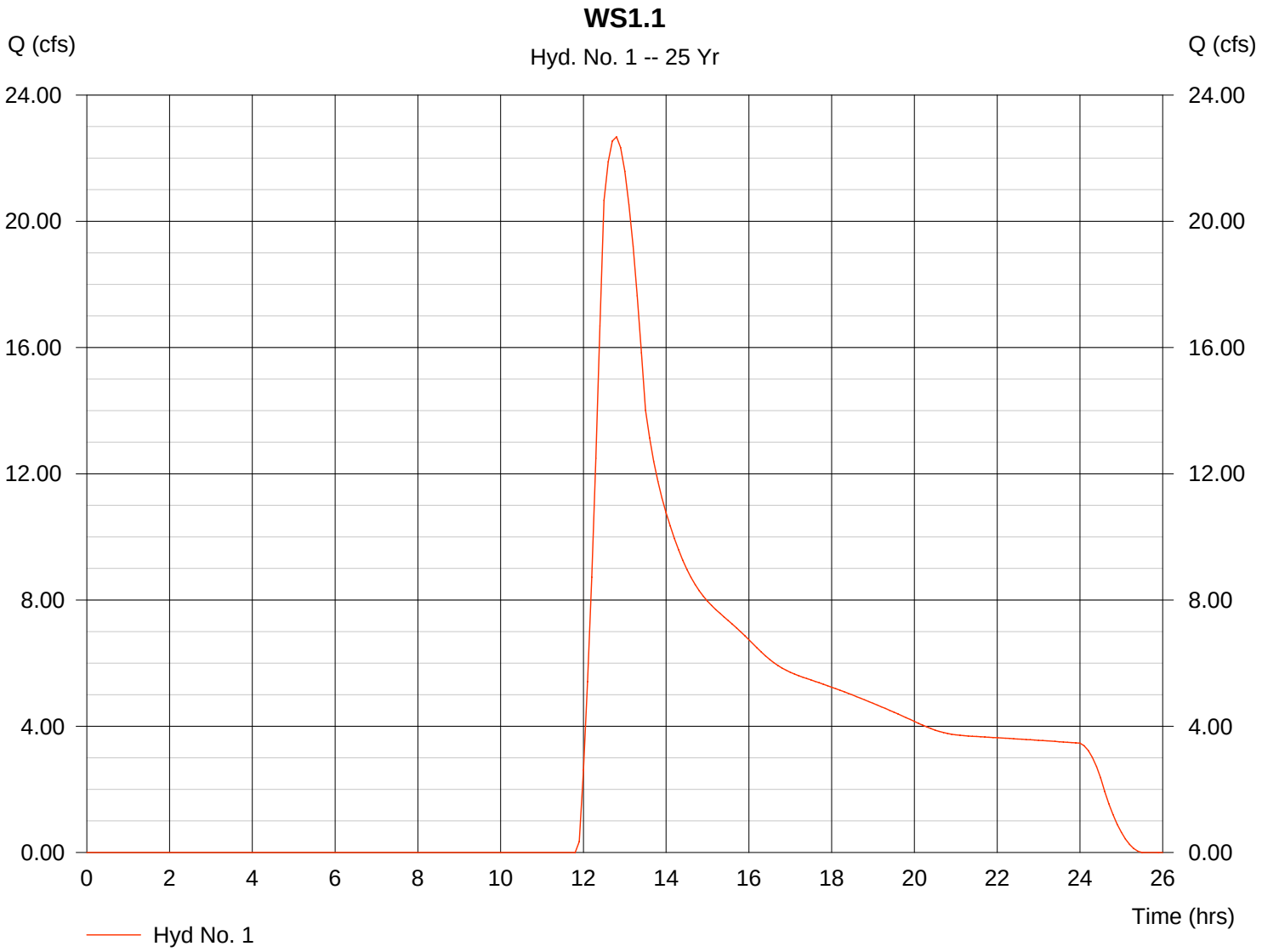
Wednesday, Nov 30 2005, 8:36 AM

Hyd. No. 1

WS1.1

Hydrograph type	= SCS Runoff	Peak discharge	= 22.68 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 427.000 ac	Curve number	= 65
Basin Slope	= 21.8 %	Hydraulic length	= 7290 ft
Tc method	= LAG	Time of conc. (Tc)	= 50.80 min
Total precip.	= 2.23 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 311,245 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

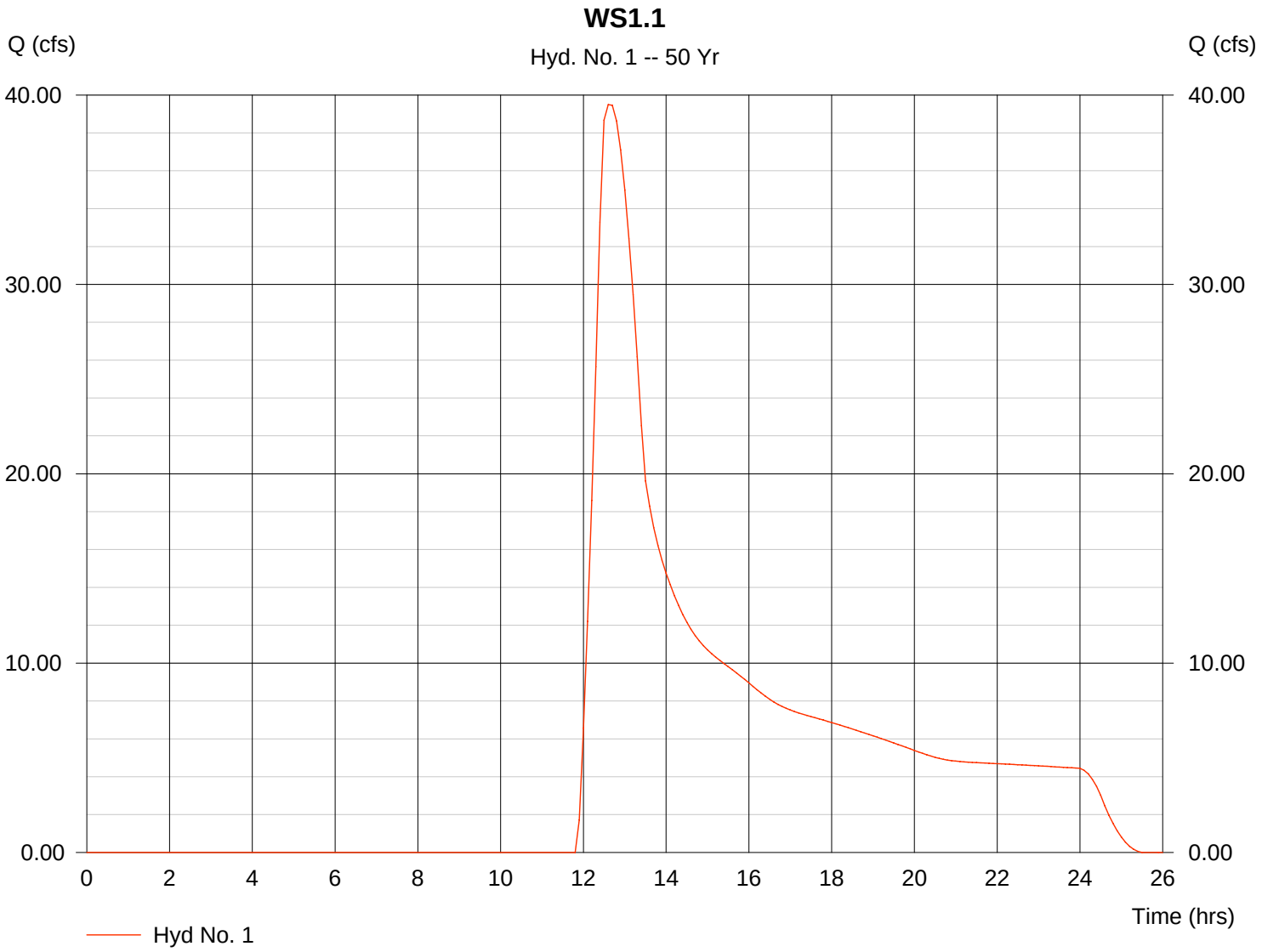
Wednesday, Nov 30 2005, 8:36 AM

Hyd. No. 1

WS1.1

Hydrograph type	= SCS Runoff	Peak discharge	= 39.50 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 427.000 ac	Curve number	= 65
Basin Slope	= 21.8 %	Hydraulic length	= 7290 ft
Tc method	= LAG	Time of conc. (Tc)	= 50.80 min
Total precip.	= 2.48 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 449,526 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

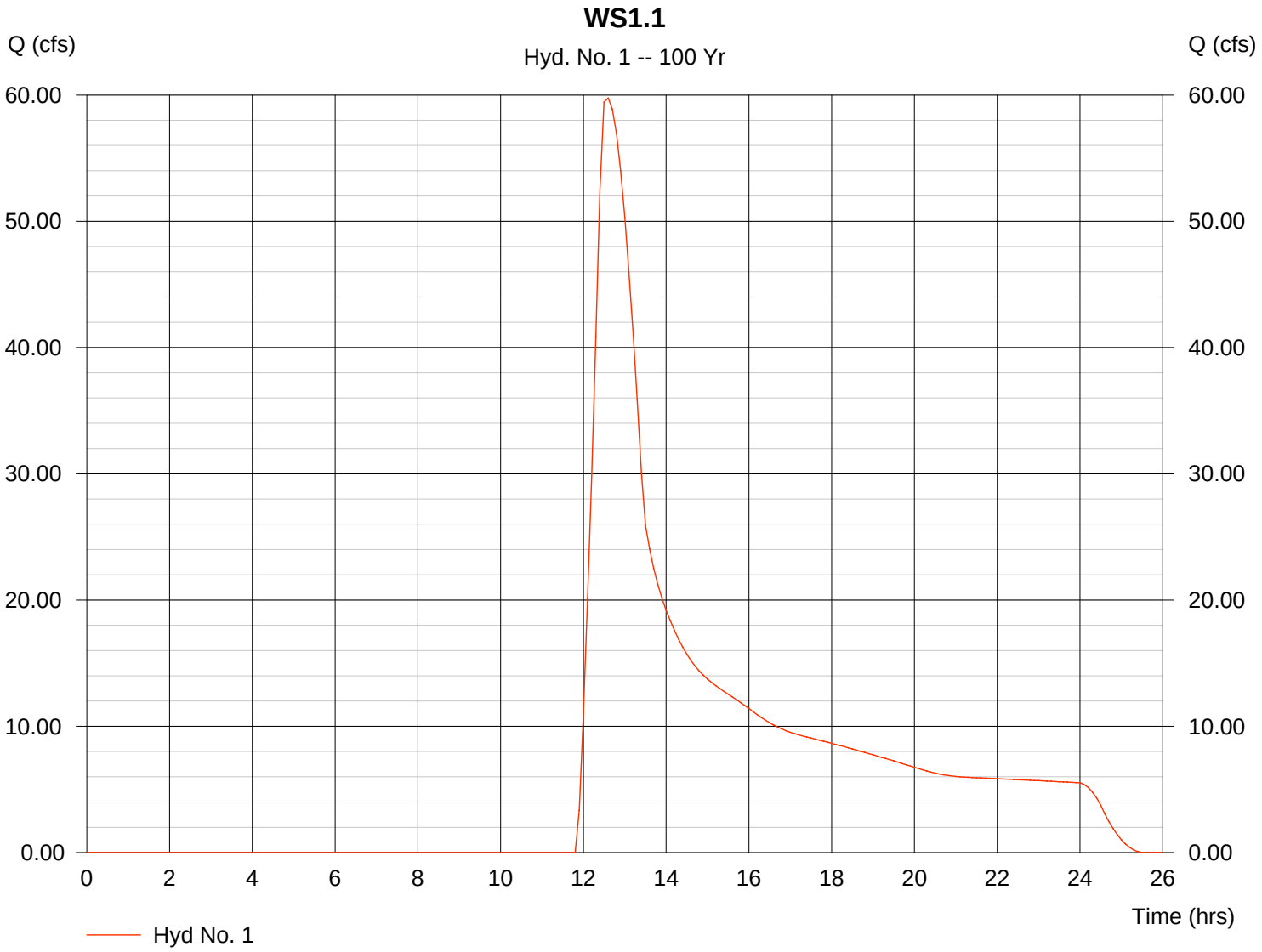
Wednesday, Nov 30 2005, 8:37 AM

Hyd. No. 1

WS1.1

Hydrograph type	= SCS Runoff	Peak discharge	= 59.77 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 427.000 ac	Curve number	= 65
Basin Slope	= 21.8 %	Hydraulic length	= 7290 ft
Tc method	= LAG	Time of conc. (Tc)	= 50.80 min
Total precip.	= 2.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 605,278 cuft



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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

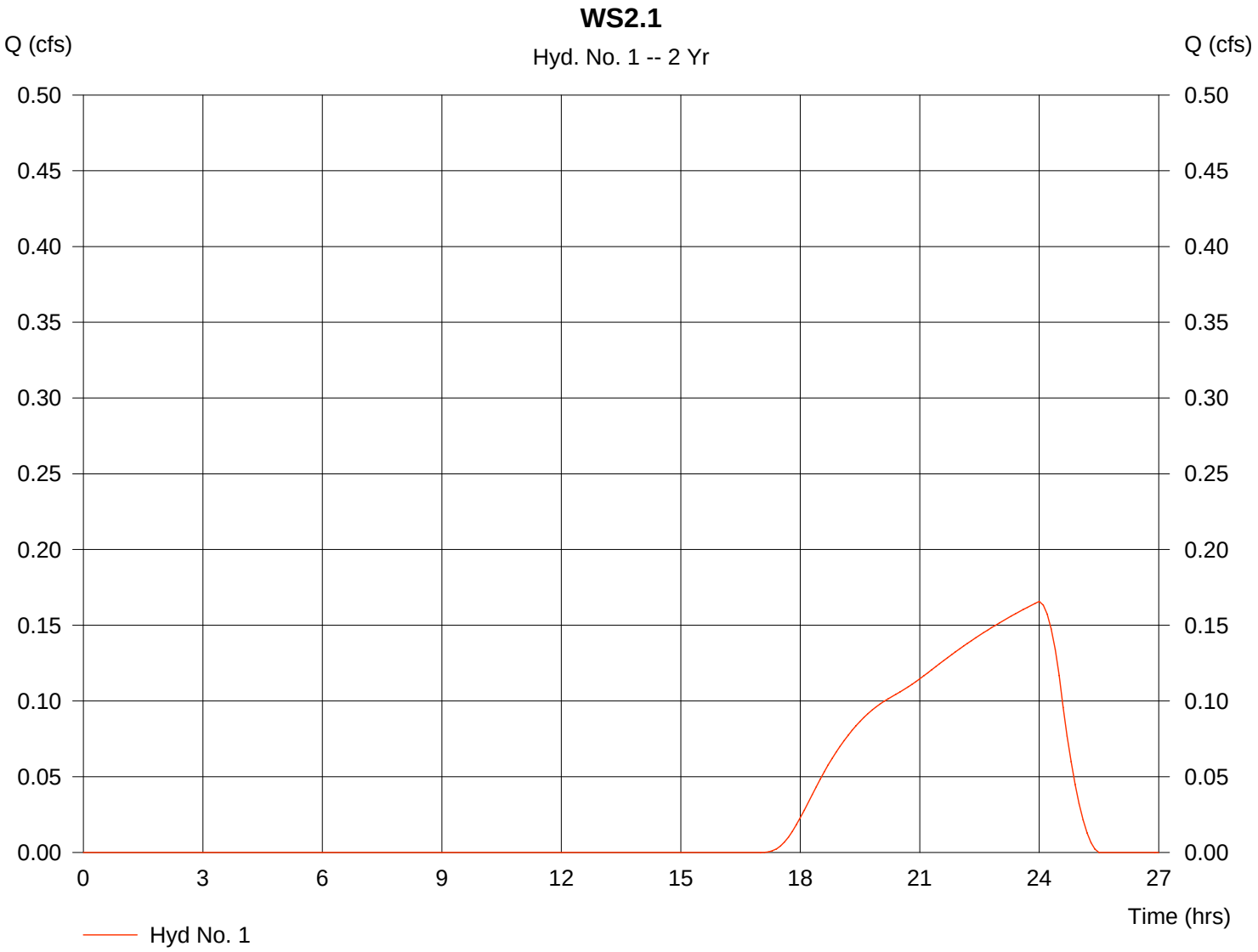
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 1

WS2.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.17 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 272.000 ac	Curve number	= 62
Basin Slope	= 22.0 %	Hydraulic length	= 7810 ft
Tc method	= LAG	Time of conc. (Tc)	= 57.80 min
Total precip.	= 1.36 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 2,839 cuft



Hydrograph Plot

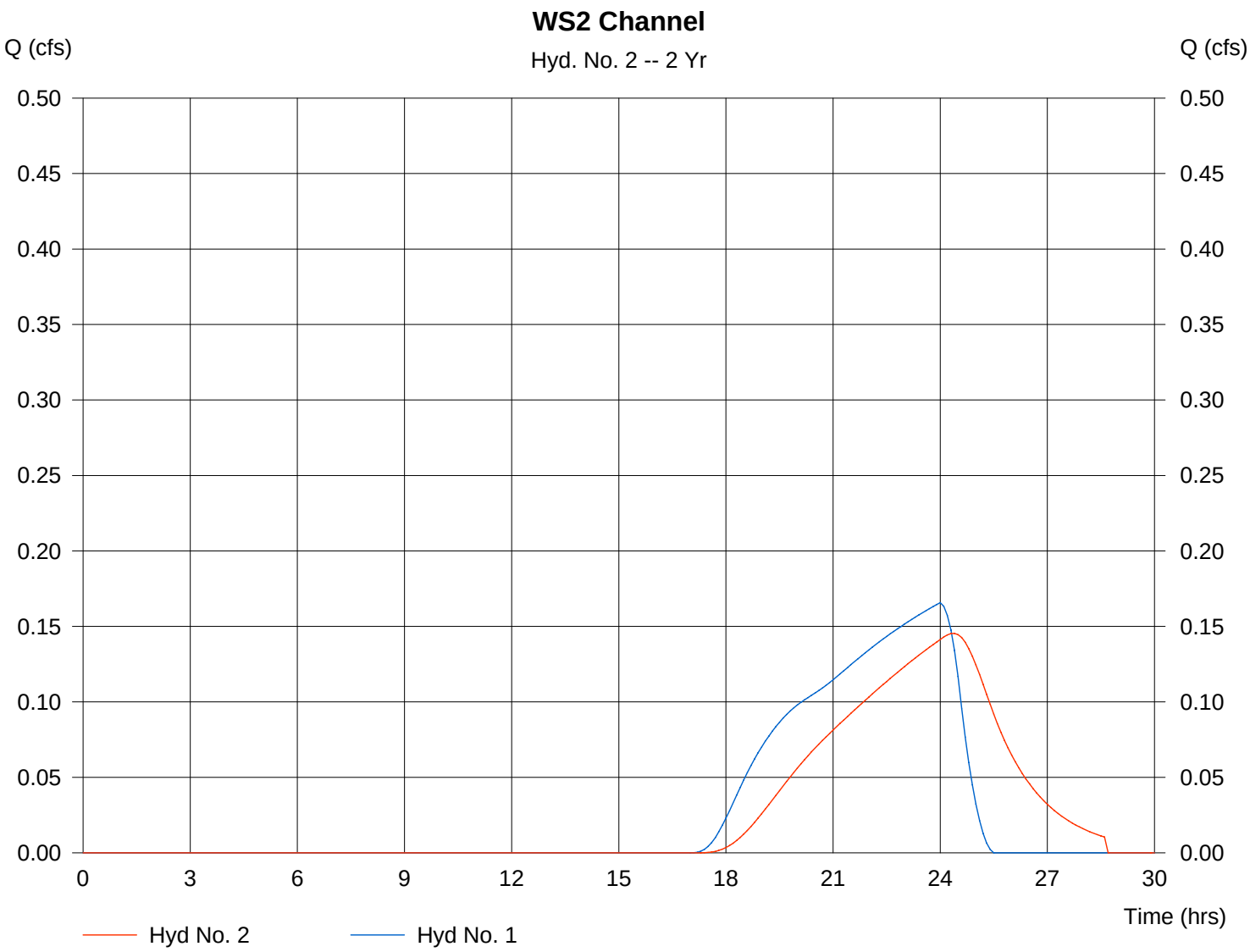
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	0.15 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	1.16 ft/s	Routing coeff.	=	0.0676

Modified Att-Kin routing method used. | Hydrograph Volume = 2,787 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

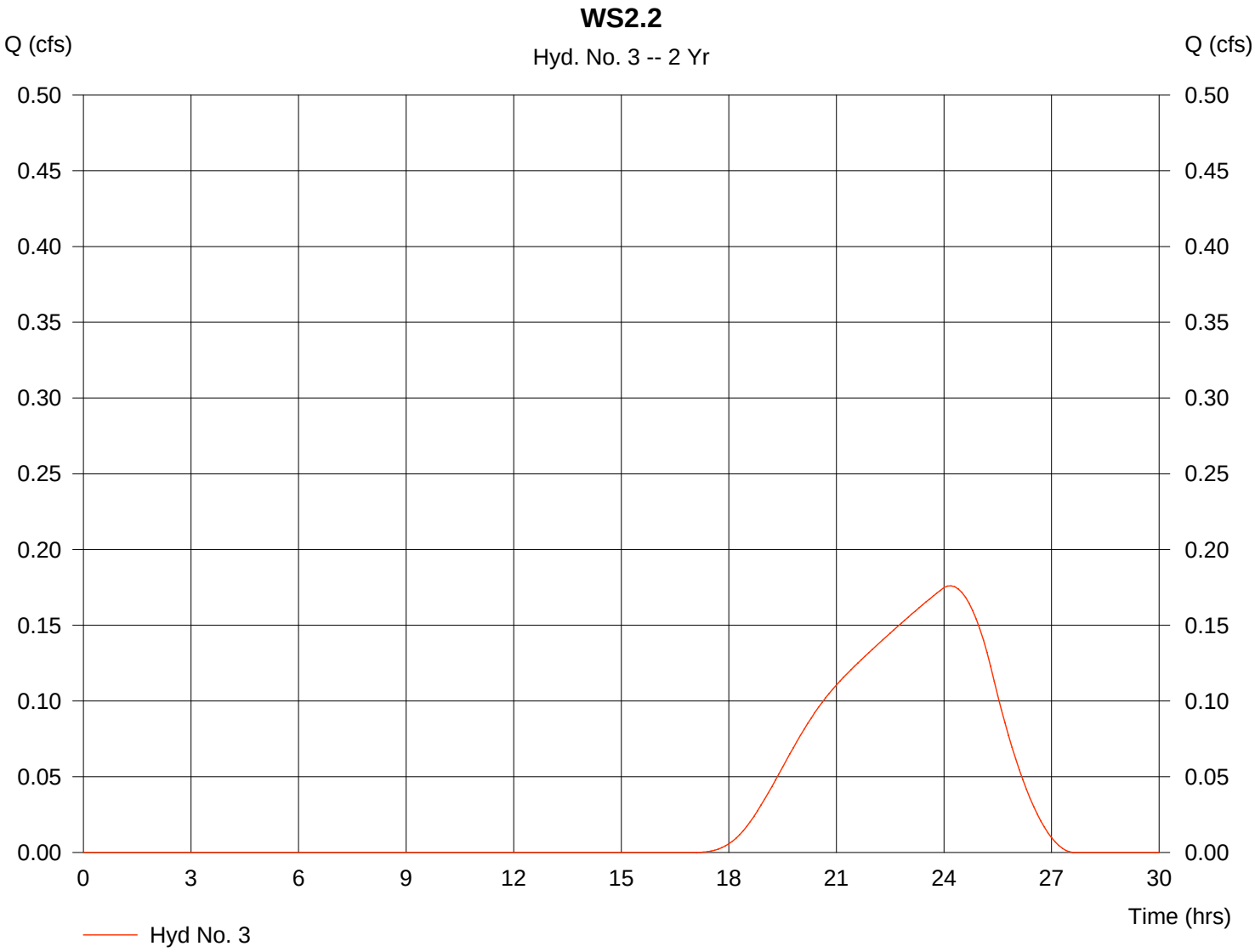
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.18 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 1.36 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 3,279 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

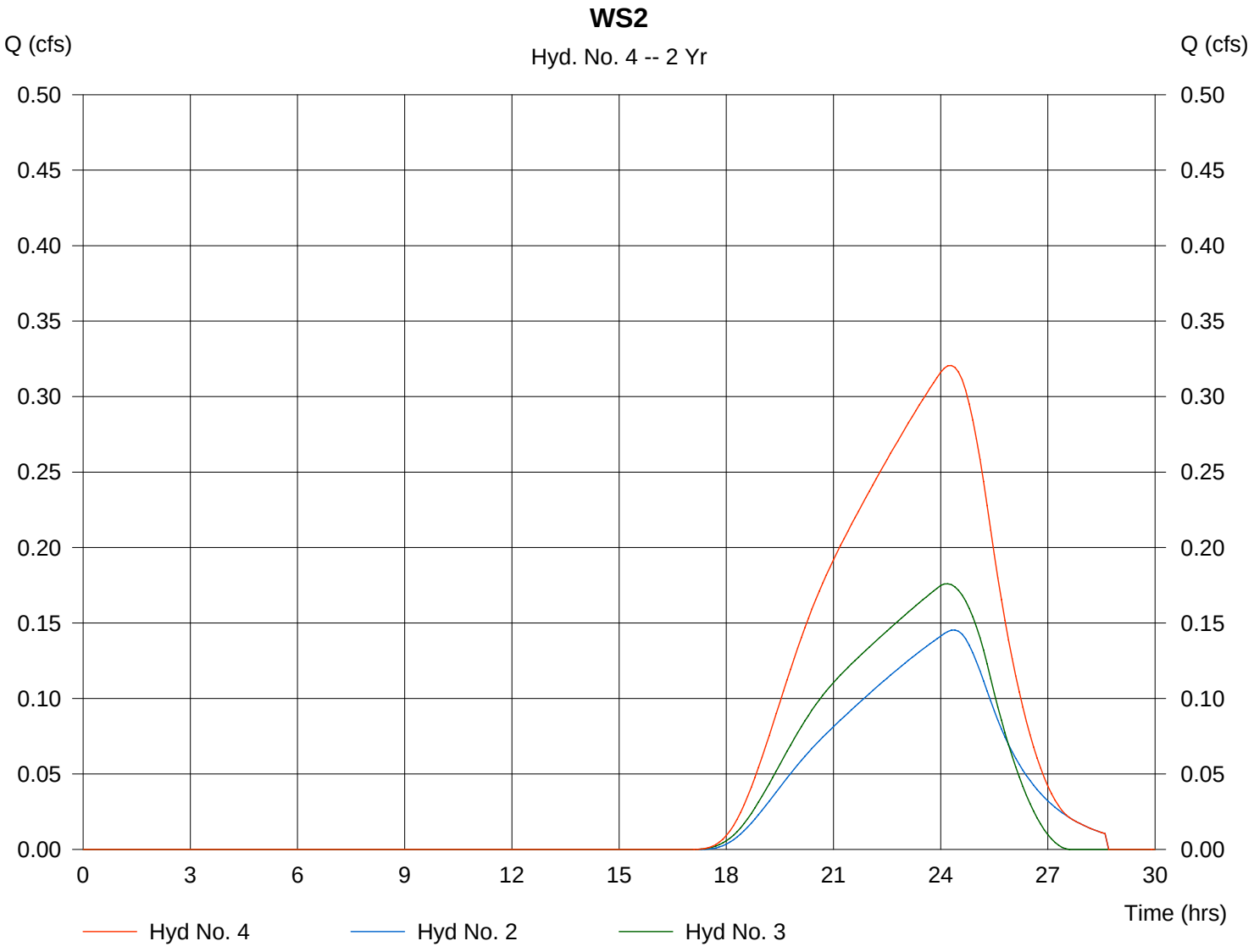
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	0.32 cfs
Storm frequency	=	2 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 6,066 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

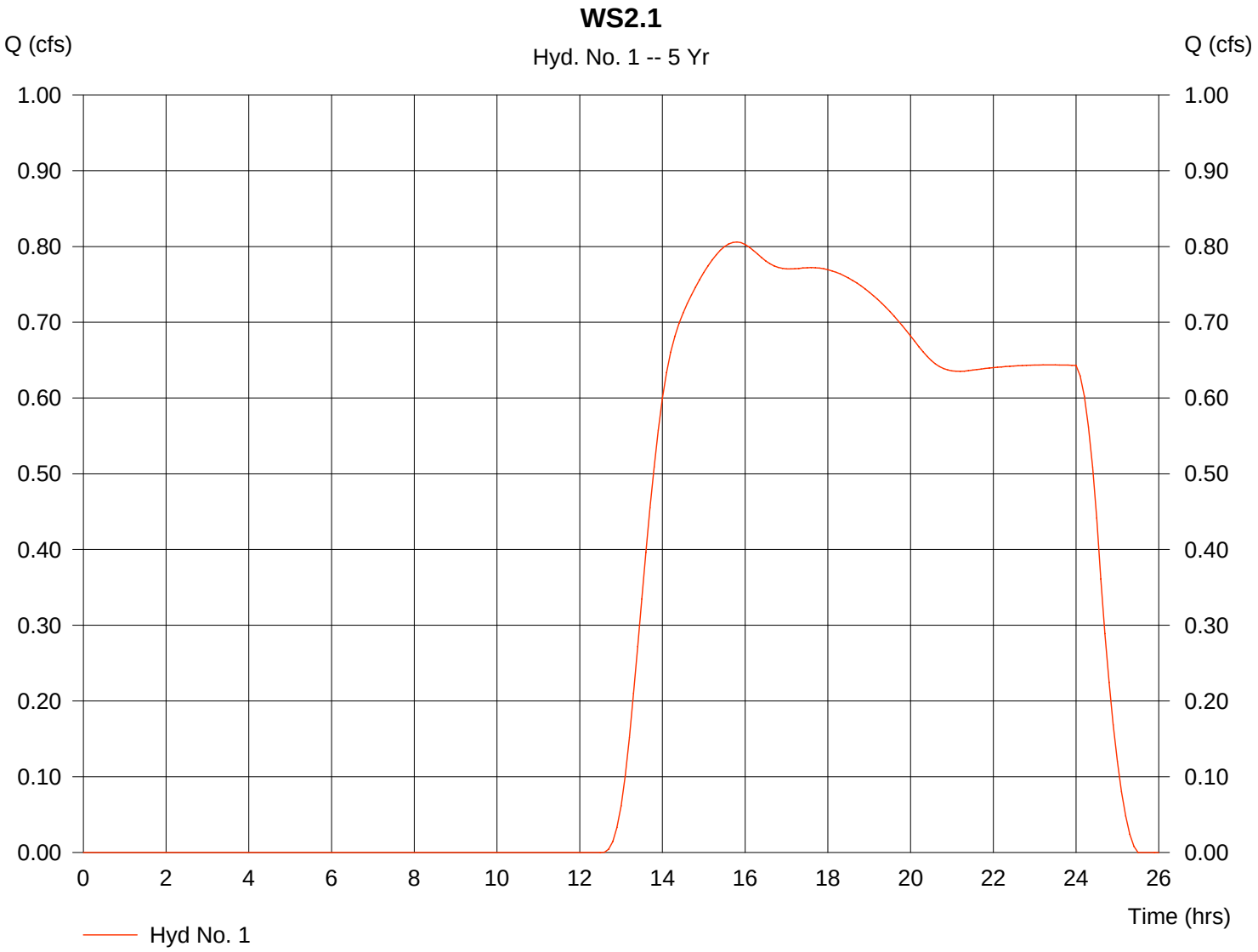
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 1

WS2.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.81 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 272.000 ac	Curve number	= 62
Basin Slope	= 22.0 %	Hydraulic length	= 7810 ft
Tc method	= LAG	Time of conc. (Tc)	= 57.80 min
Total precip.	= 1.66 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 28,356 cuft



Hydrograph Plot

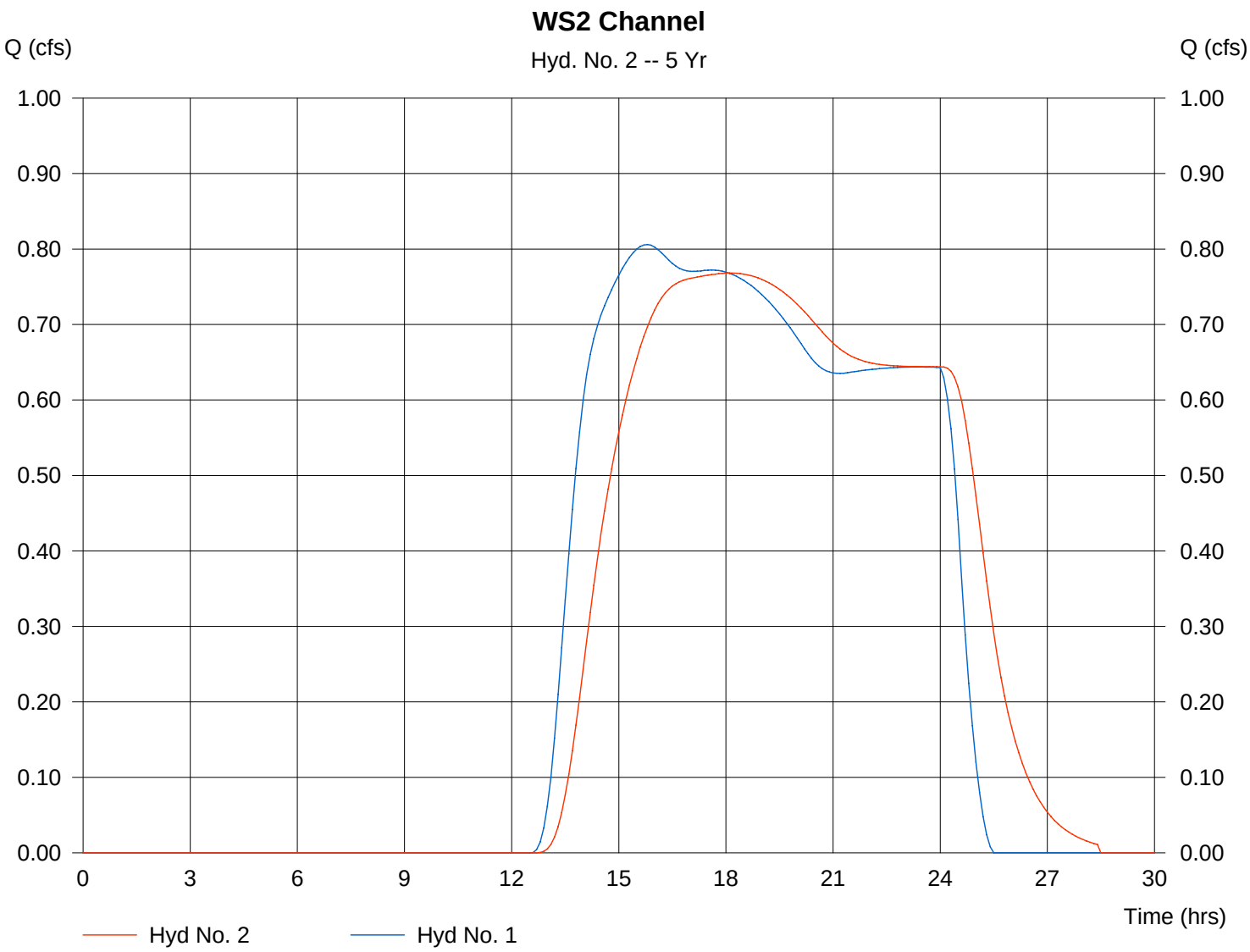
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	0.77 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	1.87 ft/s	Routing coeff.	=	0.1063

Modified Att-Kin routing method used. | Hydrograph Volume = 28,322 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

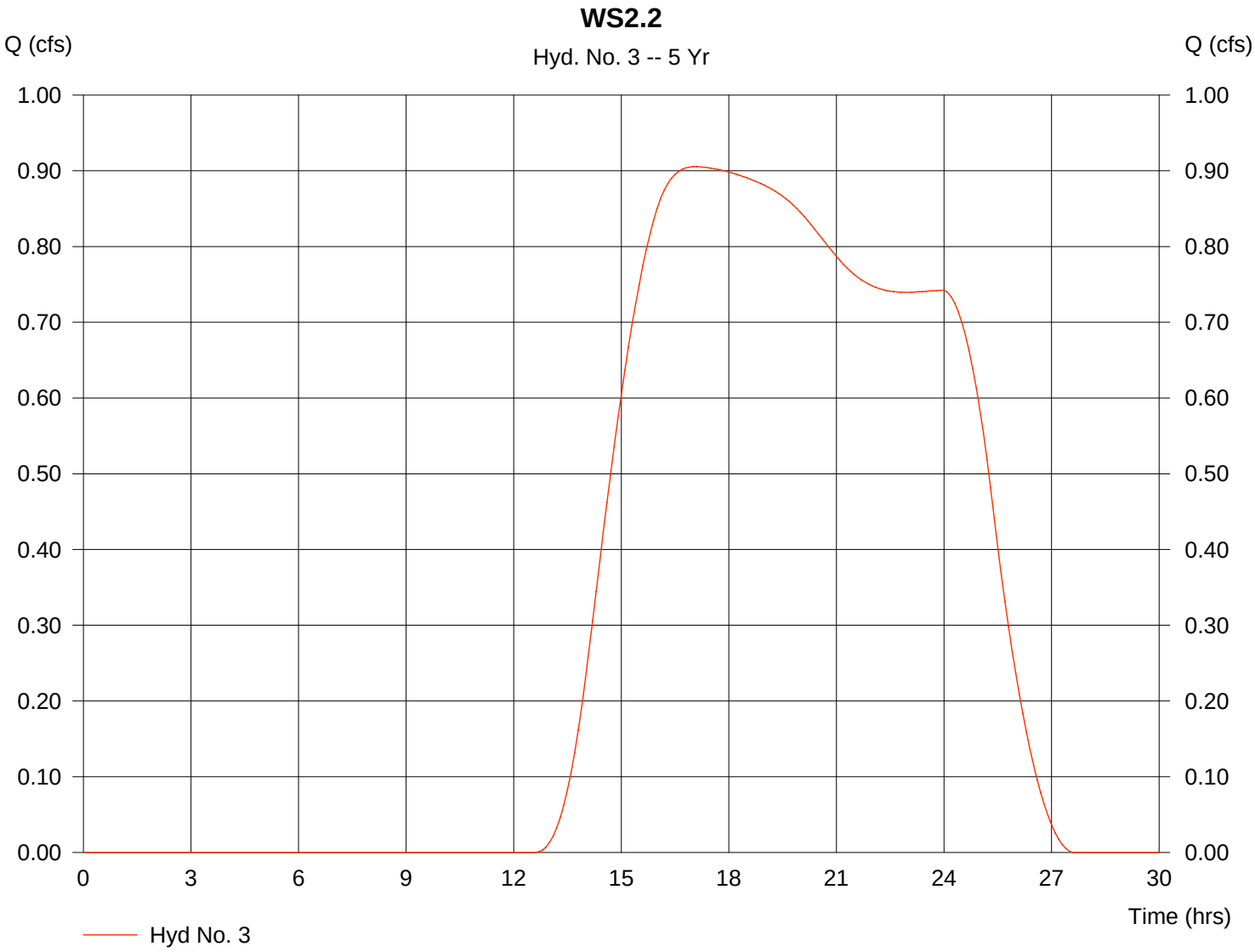
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.91 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 1.66 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 32,752 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

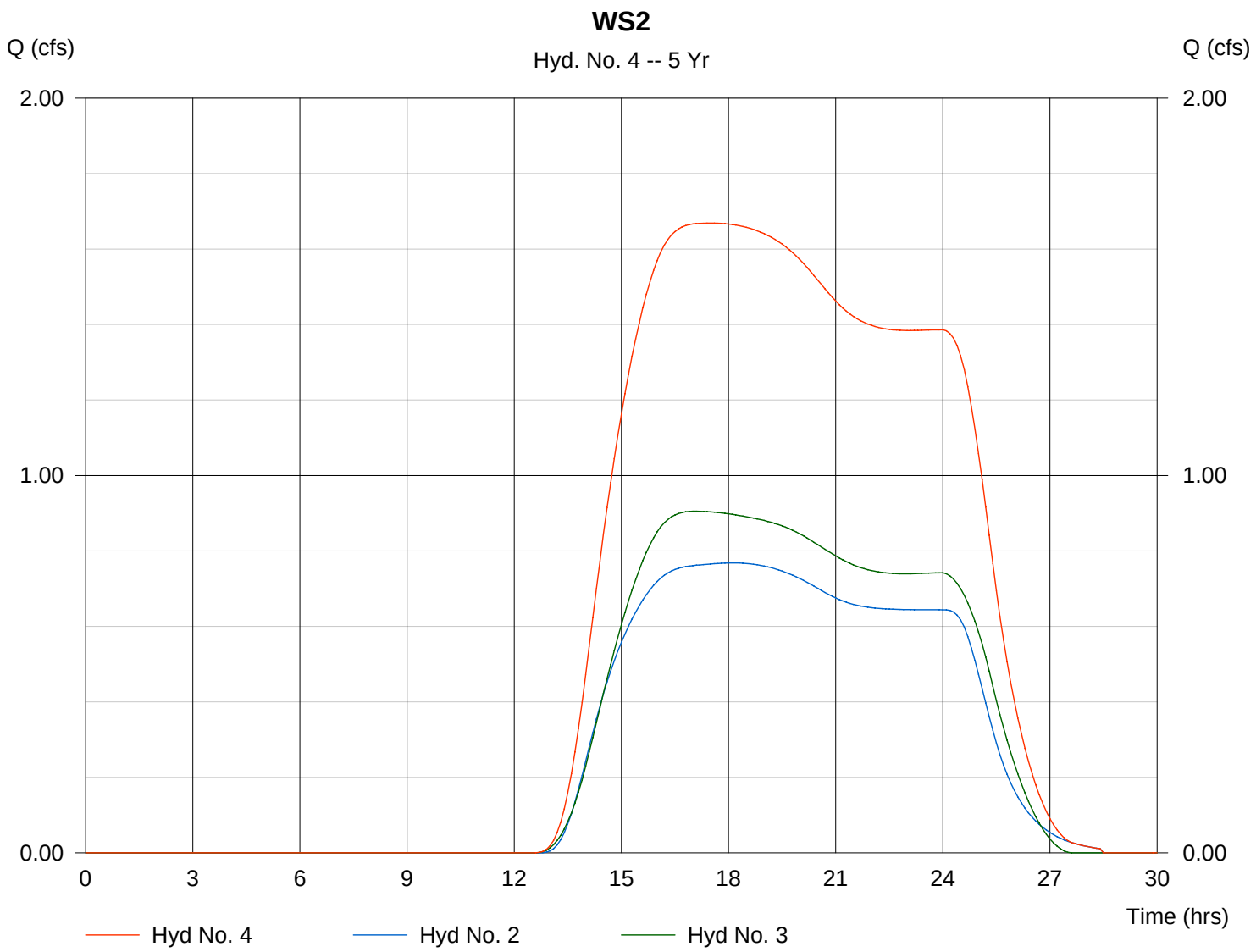
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	1.67 cfs
Storm frequency	=	5 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 61,074 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

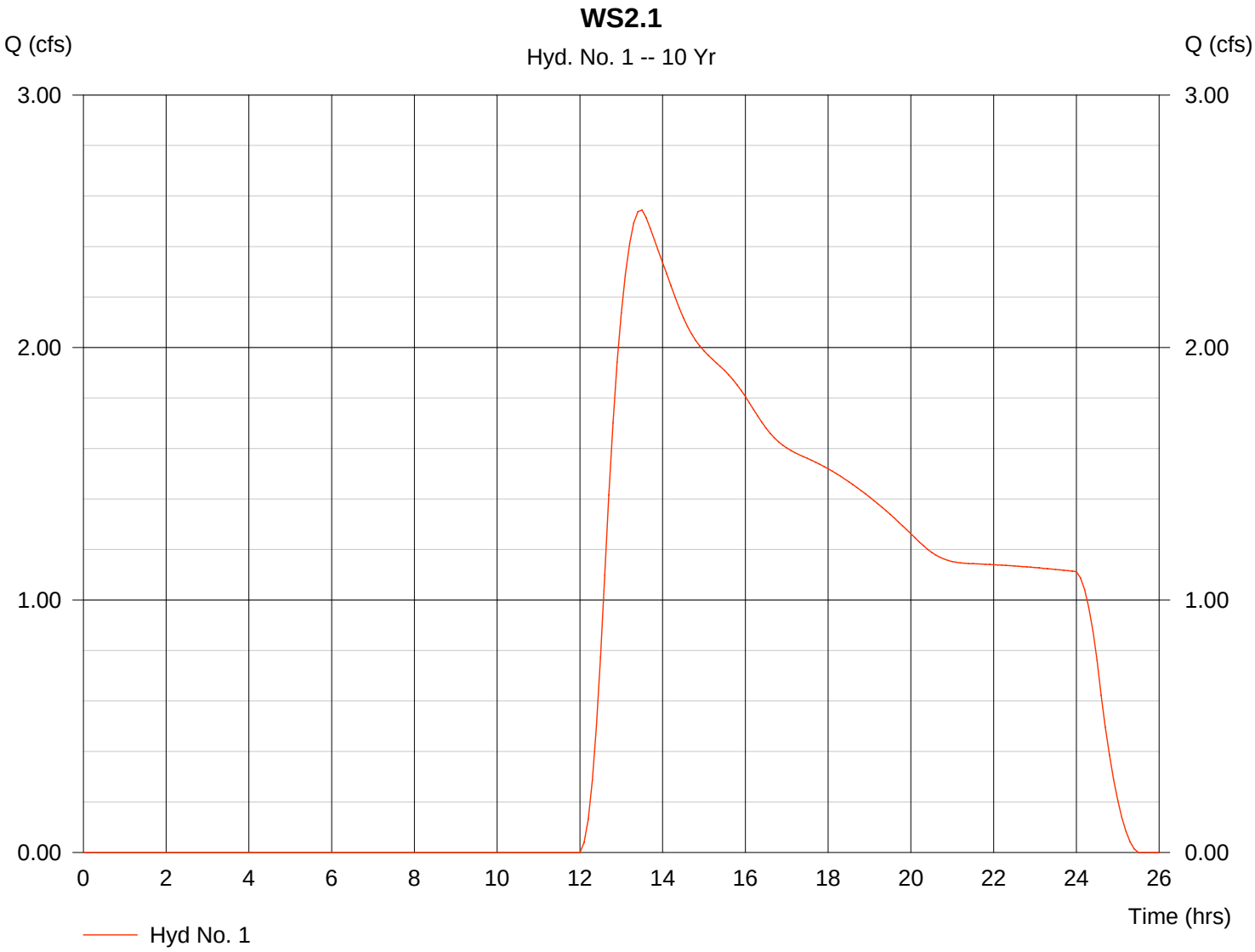
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 1

WS2.1

Hydrograph type	= SCS Runoff	Peak discharge	= 2.54 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 272.000 ac	Curve number	= 62
Basin Slope	= 22.0 %	Hydraulic length	= 7810 ft
Tc method	= LAG	Time of conc. (Tc)	= 57.80 min
Total precip.	= 1.91 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 67,579 cuft



Hydrograph Plot

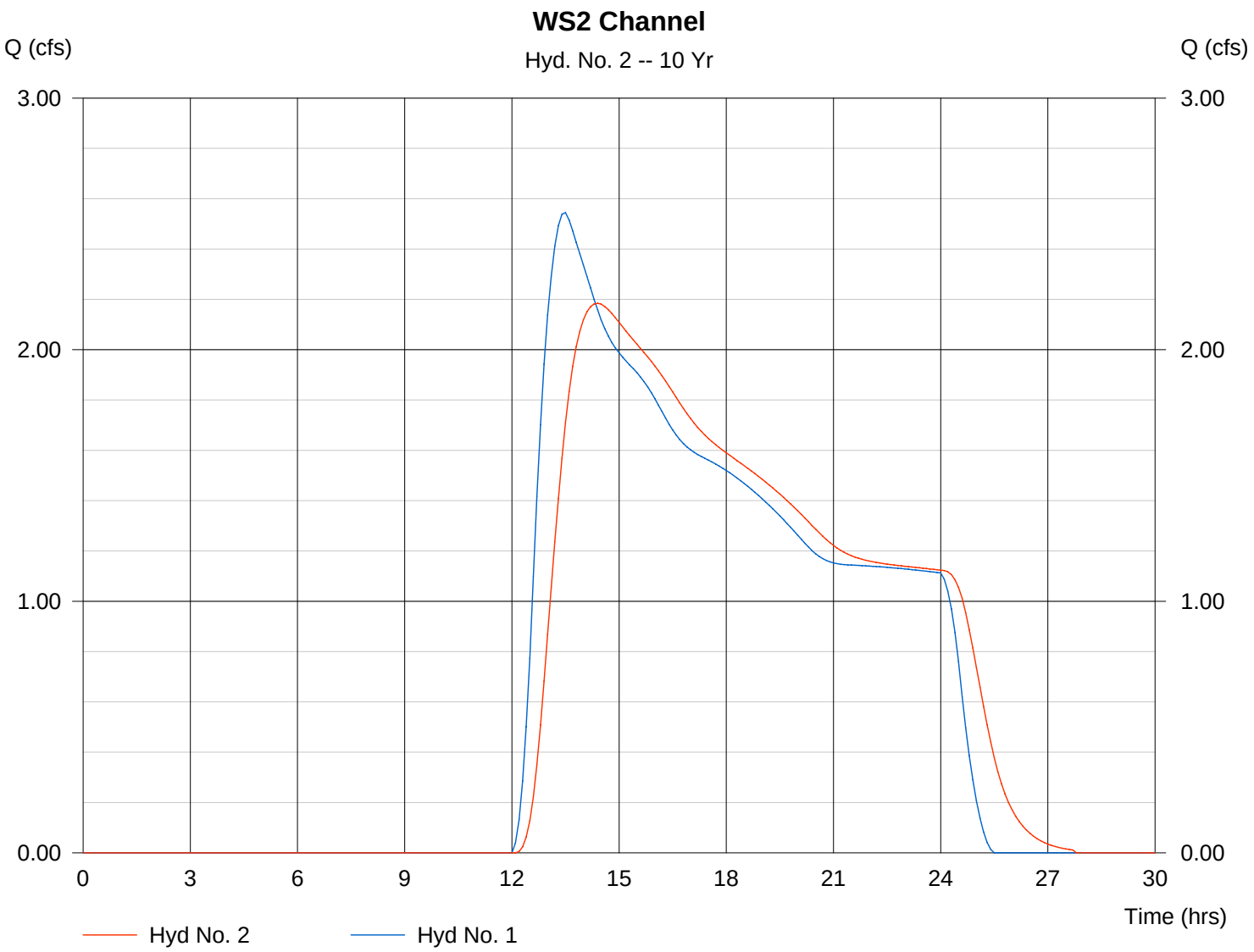
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	2.18 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	2.64 ft/s	Routing coeff.	=	0.1468

Modified Att-Kin routing method used. | Hydrograph Volume = 67,555 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

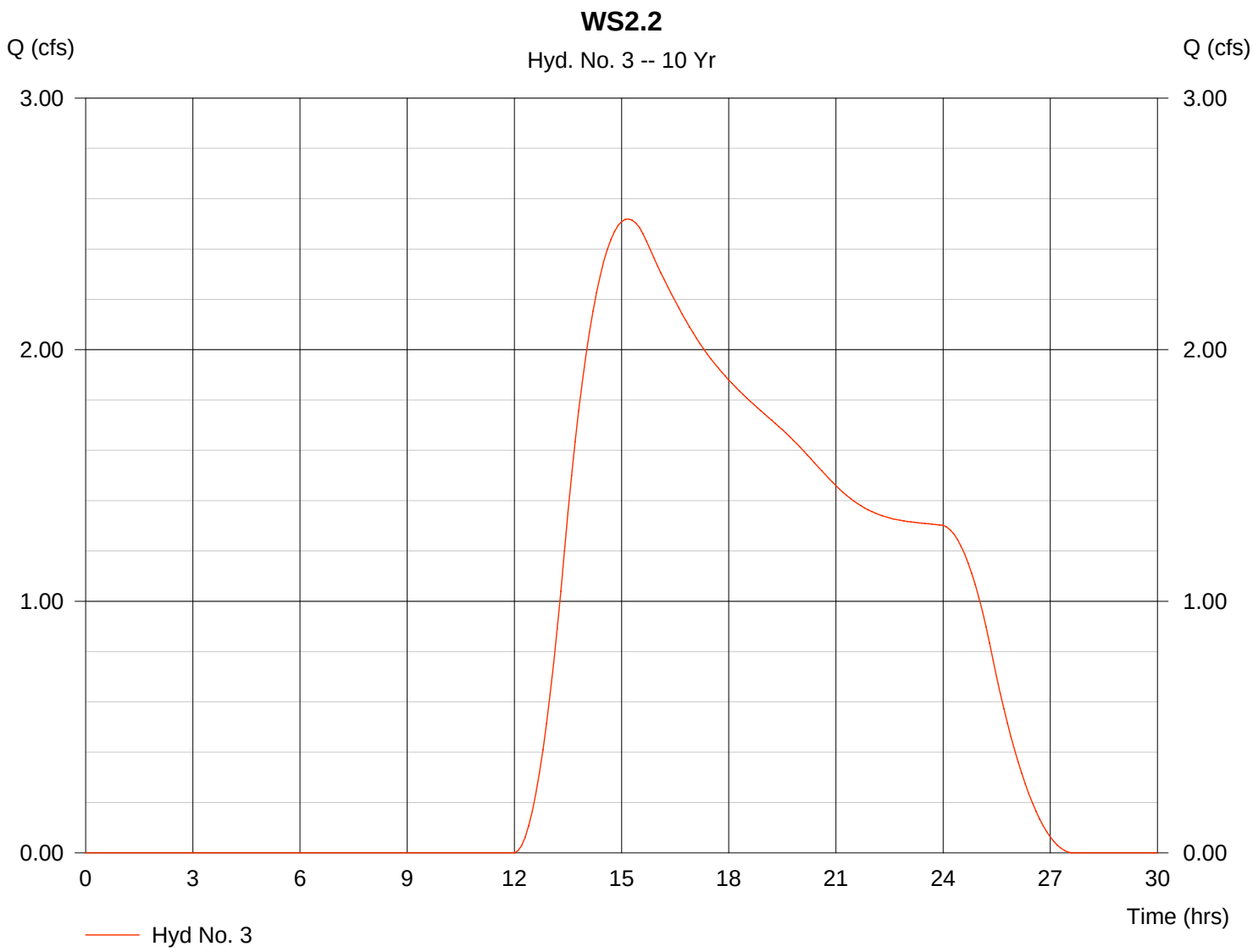
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 2.52 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 1.91 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 78,056 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

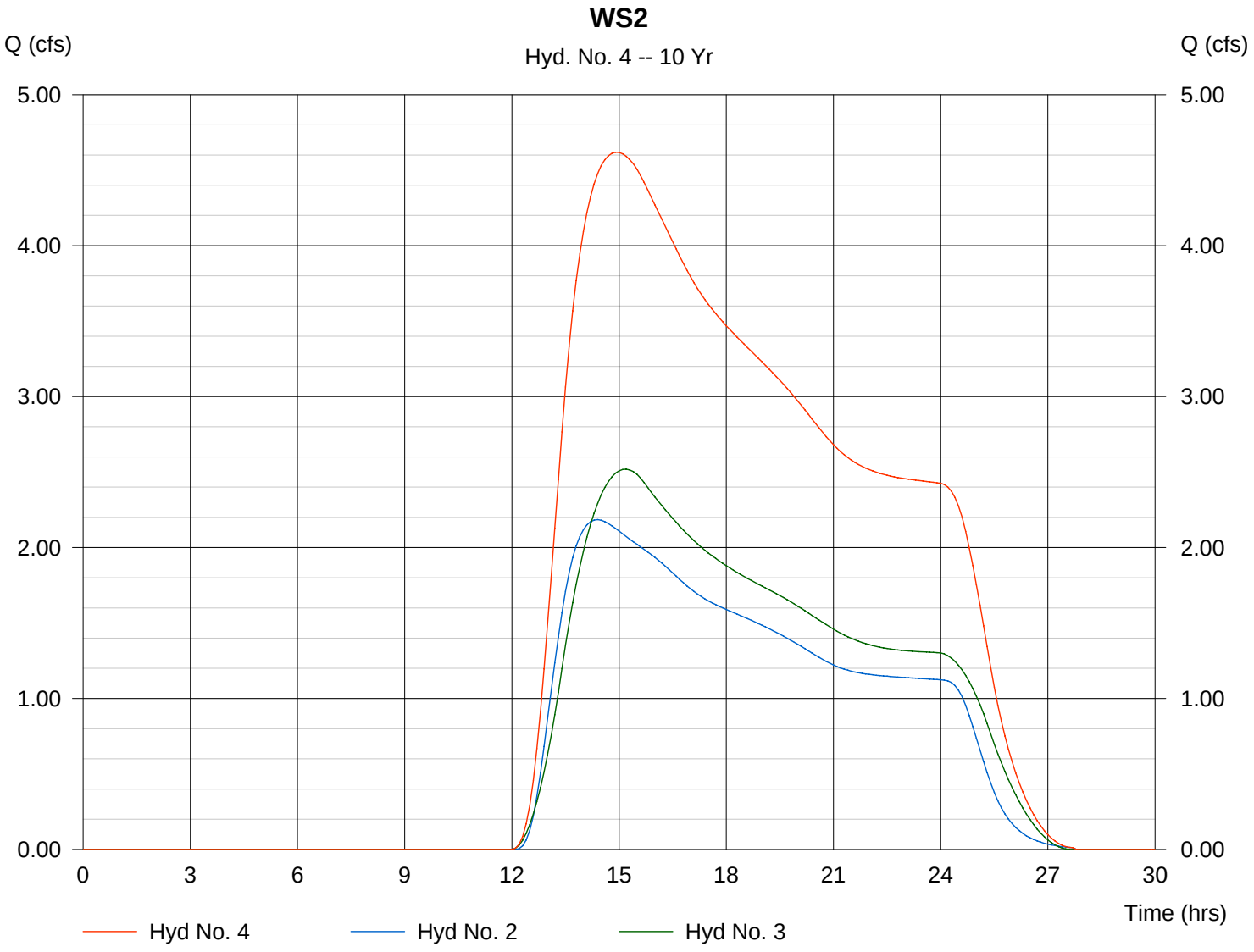
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	4.62 cfs
Storm frequency	=	10 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 145,612 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

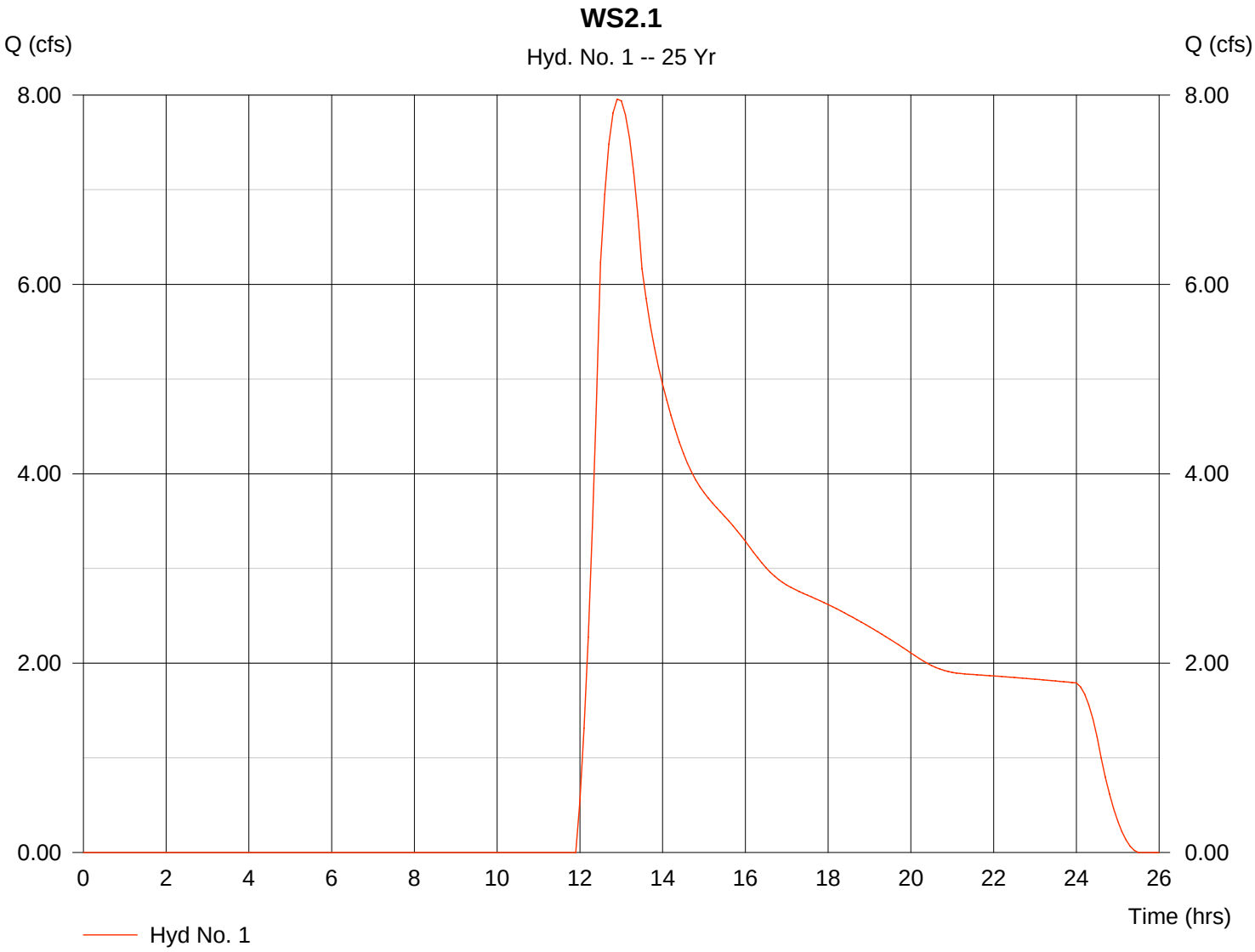
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 1

WS2.1

Hydrograph type	= SCS Runoff	Peak discharge	= 7.96 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 272.000 ac	Curve number	= 62
Basin Slope	= 22.0 %	Hydraulic length	= 7810 ft
Tc method	= LAG	Time of conc. (Tc)	= 57.80 min
Total precip.	= 2.23 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 139,319 cuft



Hydrograph Plot

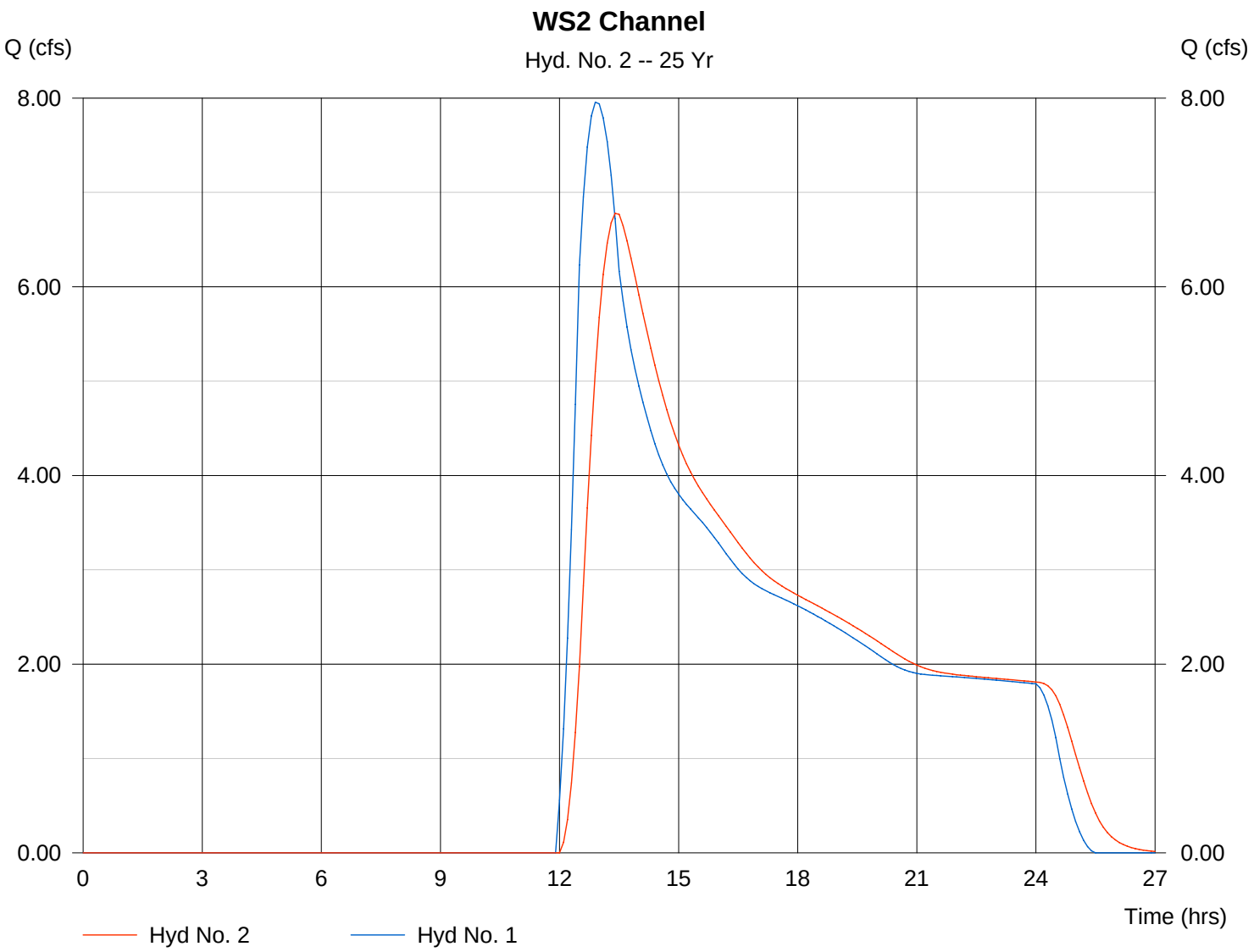
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	6.78 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	3.71 ft/s	Routing coeff.	=	0.2006

Modified Att-Kin routing method used. | Hydrograph Volume = 139,302 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

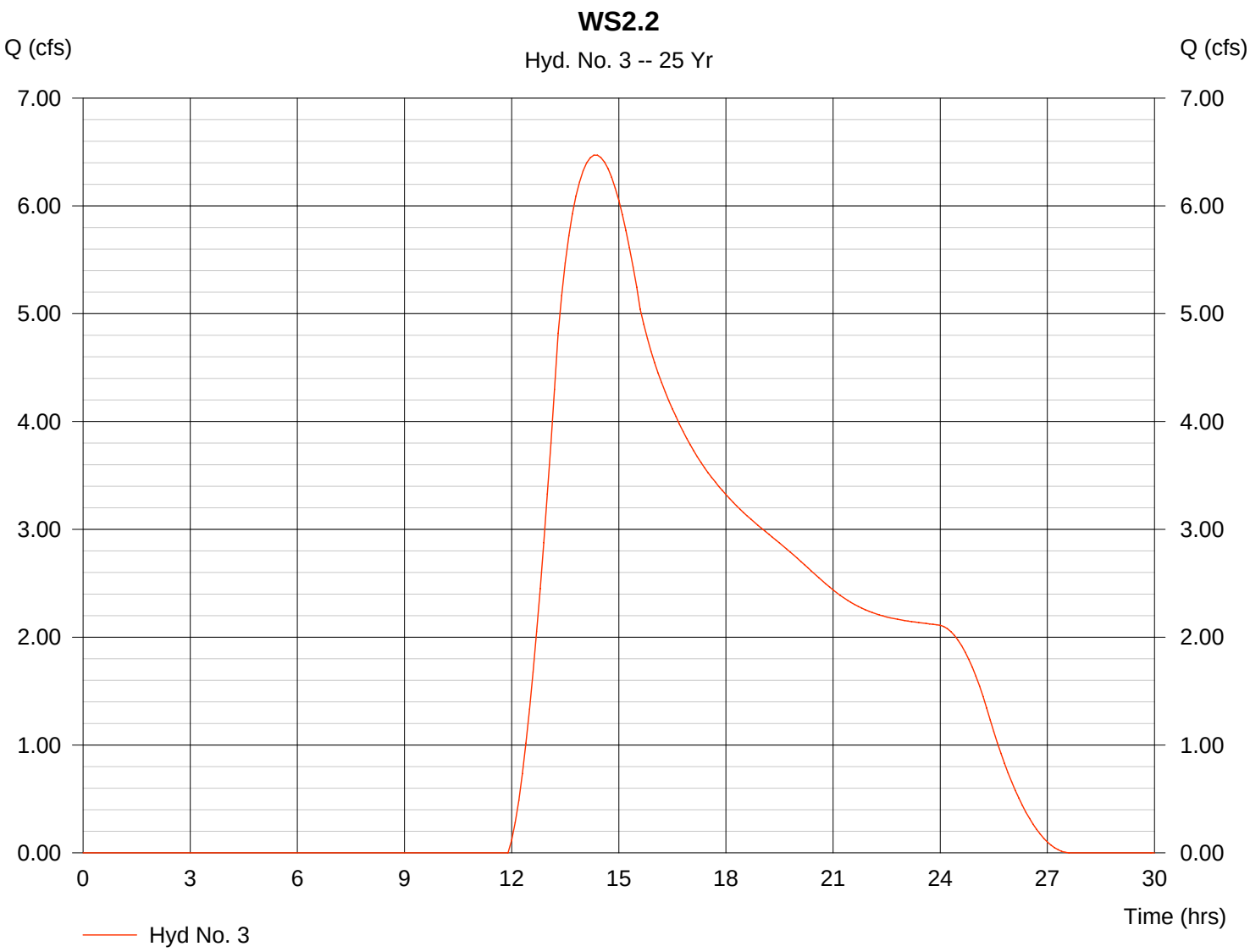
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 6.47 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 2.23 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 160,919 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

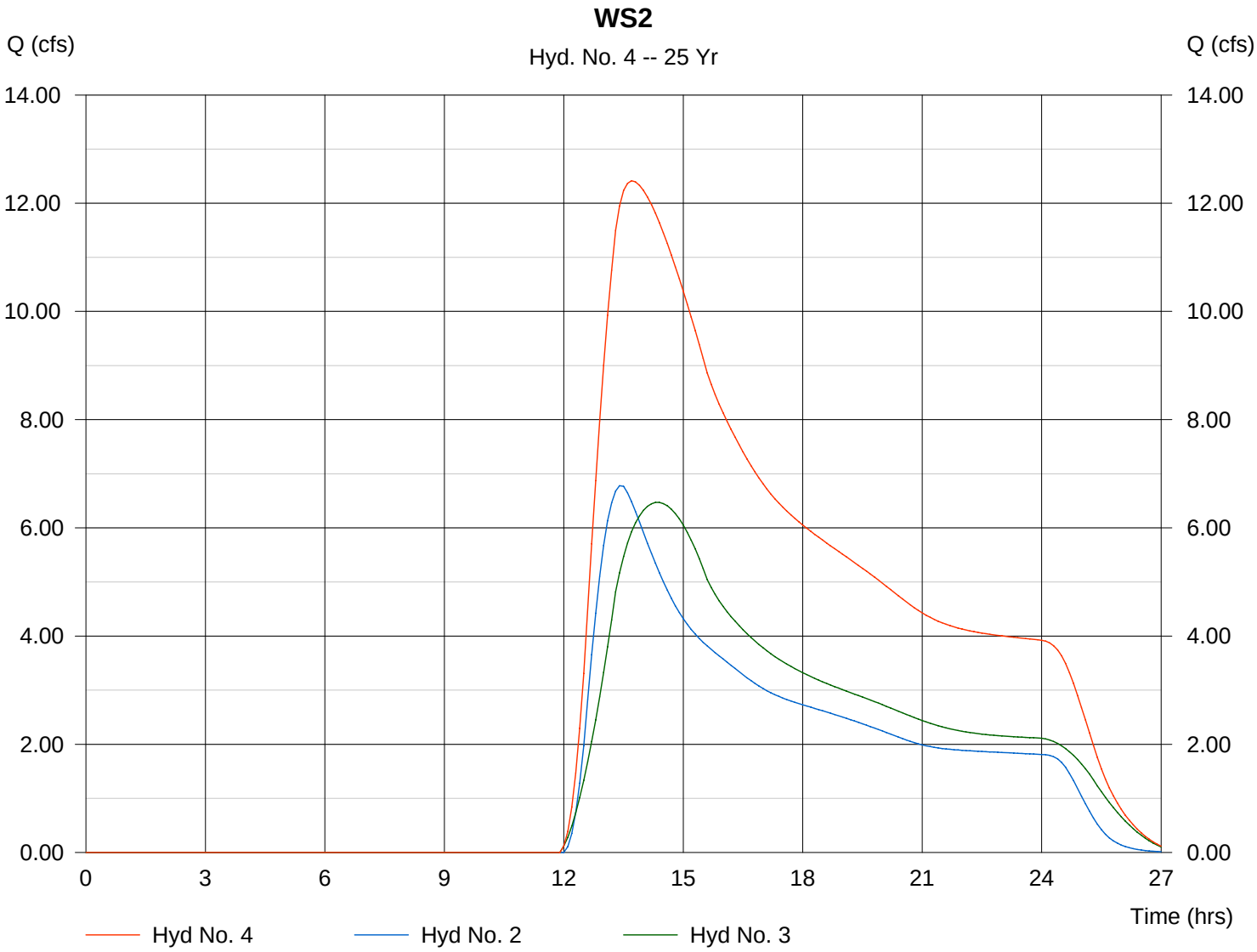
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	12.41 cfs
Storm frequency	=	25 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 300,221 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

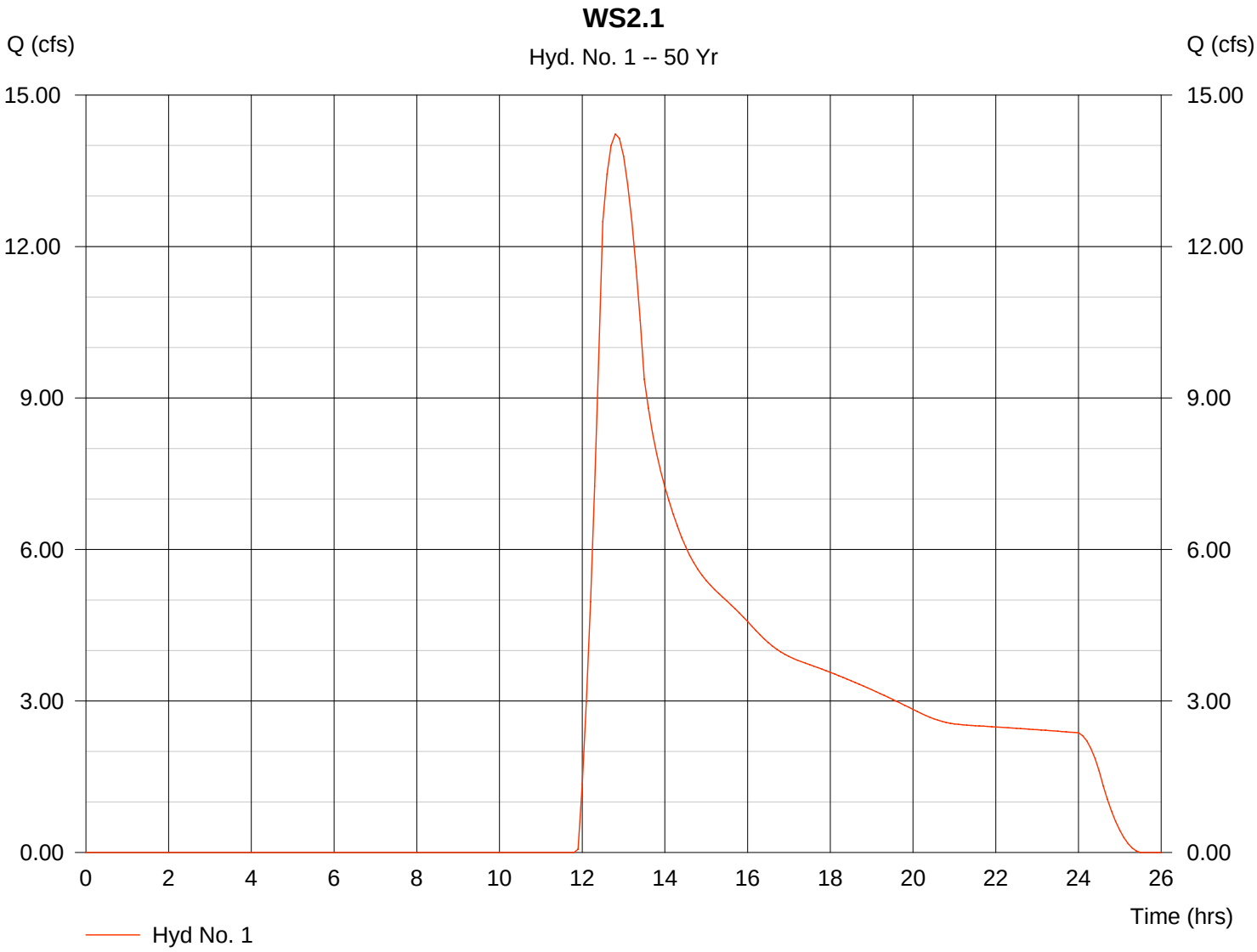
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 1

WS2.1

Hydrograph type	= SCS Runoff	Peak discharge	= 14.23 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 272.000 ac	Curve number	= 62
Basin Slope	= 22.0 %	Hydraulic length	= 7810 ft
Tc method	= LAG	Time of conc. (Tc)	= 57.80 min
Total precip.	= 2.48 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 206,253 cuft



Hydrograph Plot

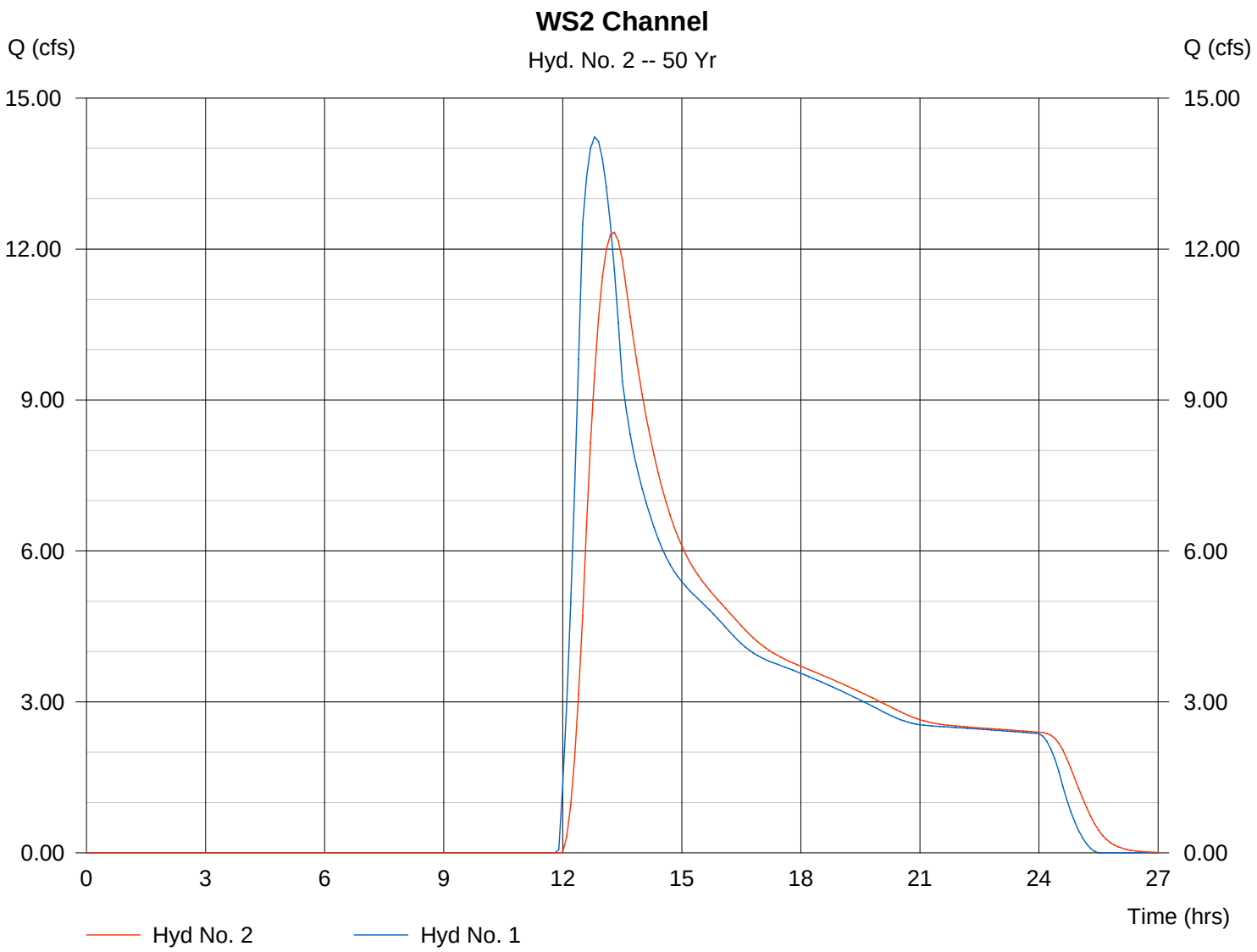
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	12.33 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	4.42 ft/s	Routing coeff.	=	0.2343

Modified Att-Kin routing method used. | Hydrograph Volume = 206,240 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

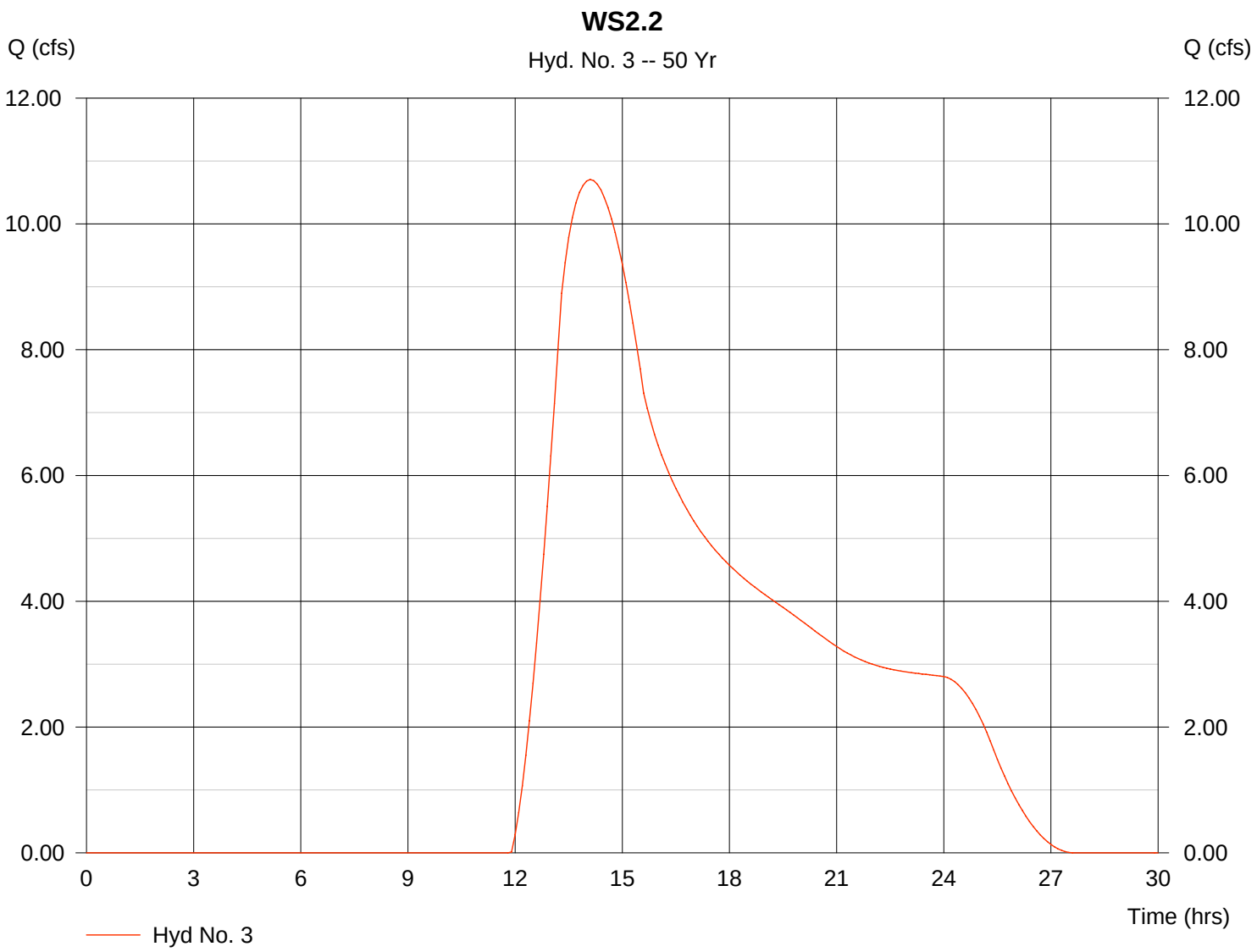
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 10.70 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 2.48 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 238,229 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

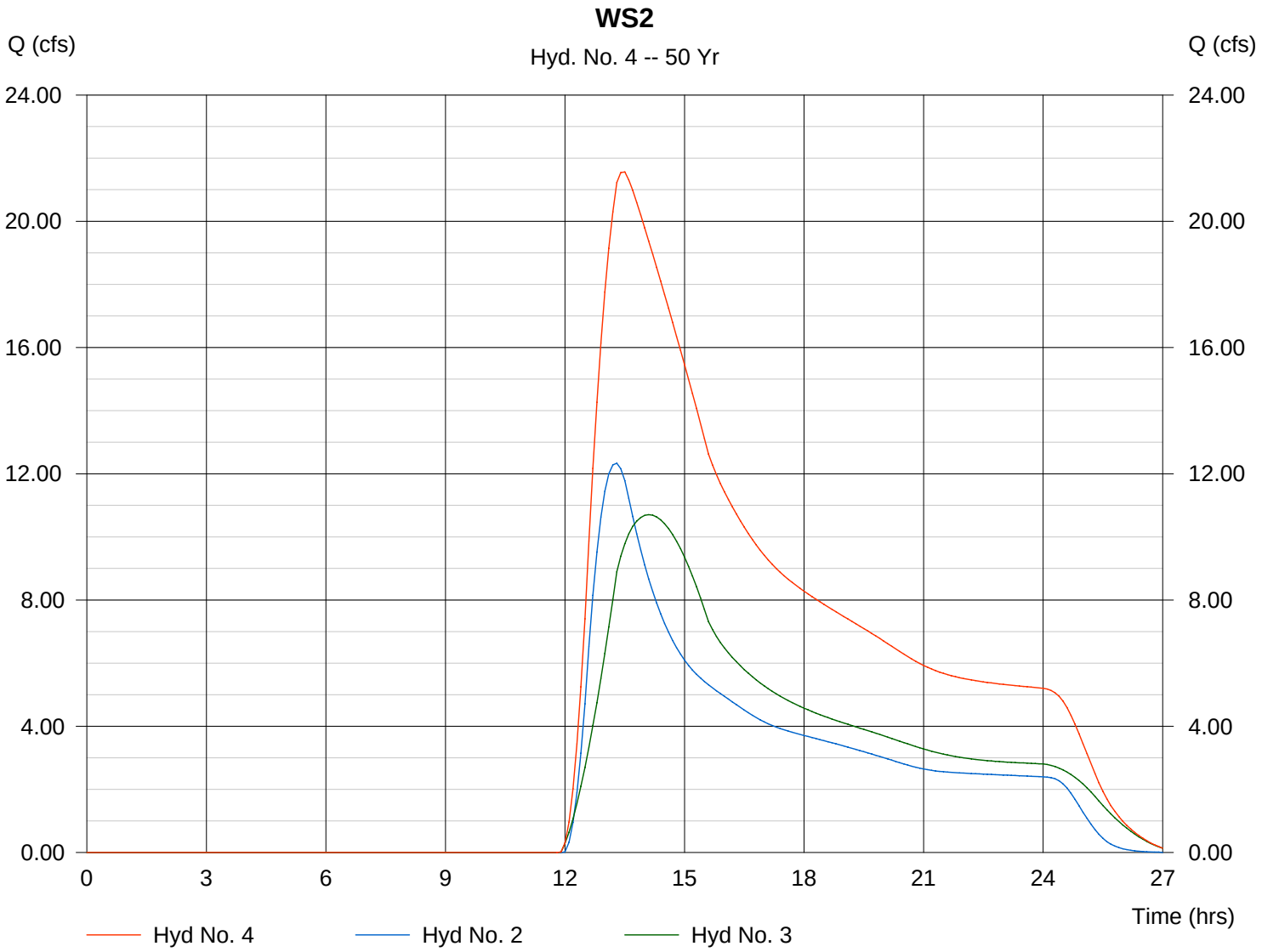
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	21.56 cfs
Storm frequency	=	50 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 444,469 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

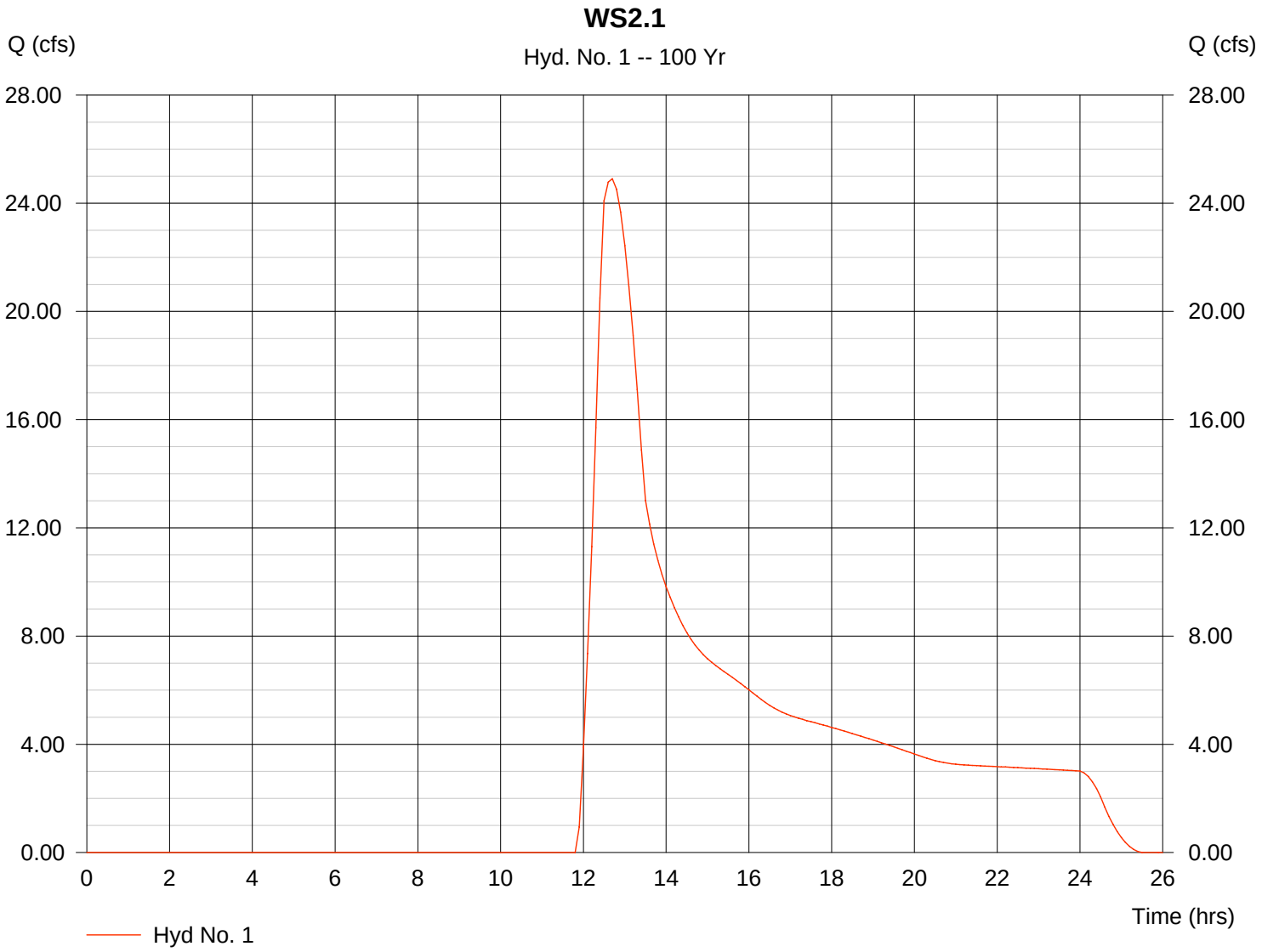
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 1

WS2.1

Hydrograph type	= SCS Runoff	Peak discharge	= 24.90 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 272.000 ac	Curve number	= 62
Basin Slope	= 22.0 %	Hydraulic length	= 7810 ft
Tc method	= LAG	Time of conc. (Tc)	= 57.80 min
Total precip.	= 2.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 295,847 cuft



Hydrograph Plot

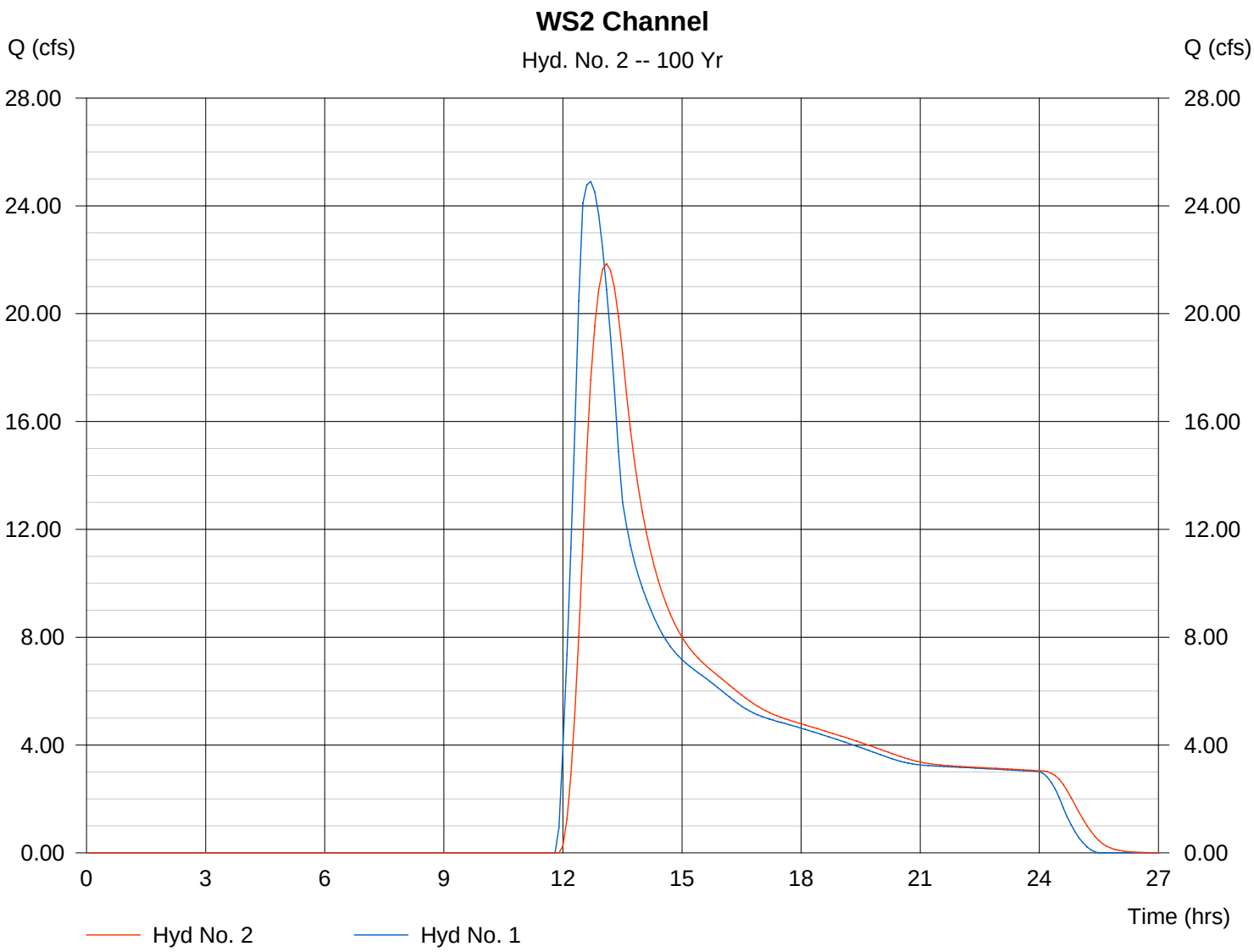
Hydraflow Hydrographs by Intelisolve | Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 2

WS2 Channel

Hydrograph type	=	Reach	Peak discharge	=	21.86 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyd. No.	=	1	Section type	=	Trapezoidal
Reach length	=	8560.0 ft	Channel slope	=	4.7 %
Manning's n	=	0.030	Bottom width	=	8.0 ft
Side slope	=	2.0:1	Max. depth	=	5.0 ft
Rating curve x	=	2.681	Rating curve m	=	1.428
Ave. velocity	=	5.23 ft/s	Routing coeff.	=	0.2712

Modified Att-Kin routing method used. | Hydrograph Volume = 295,837 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

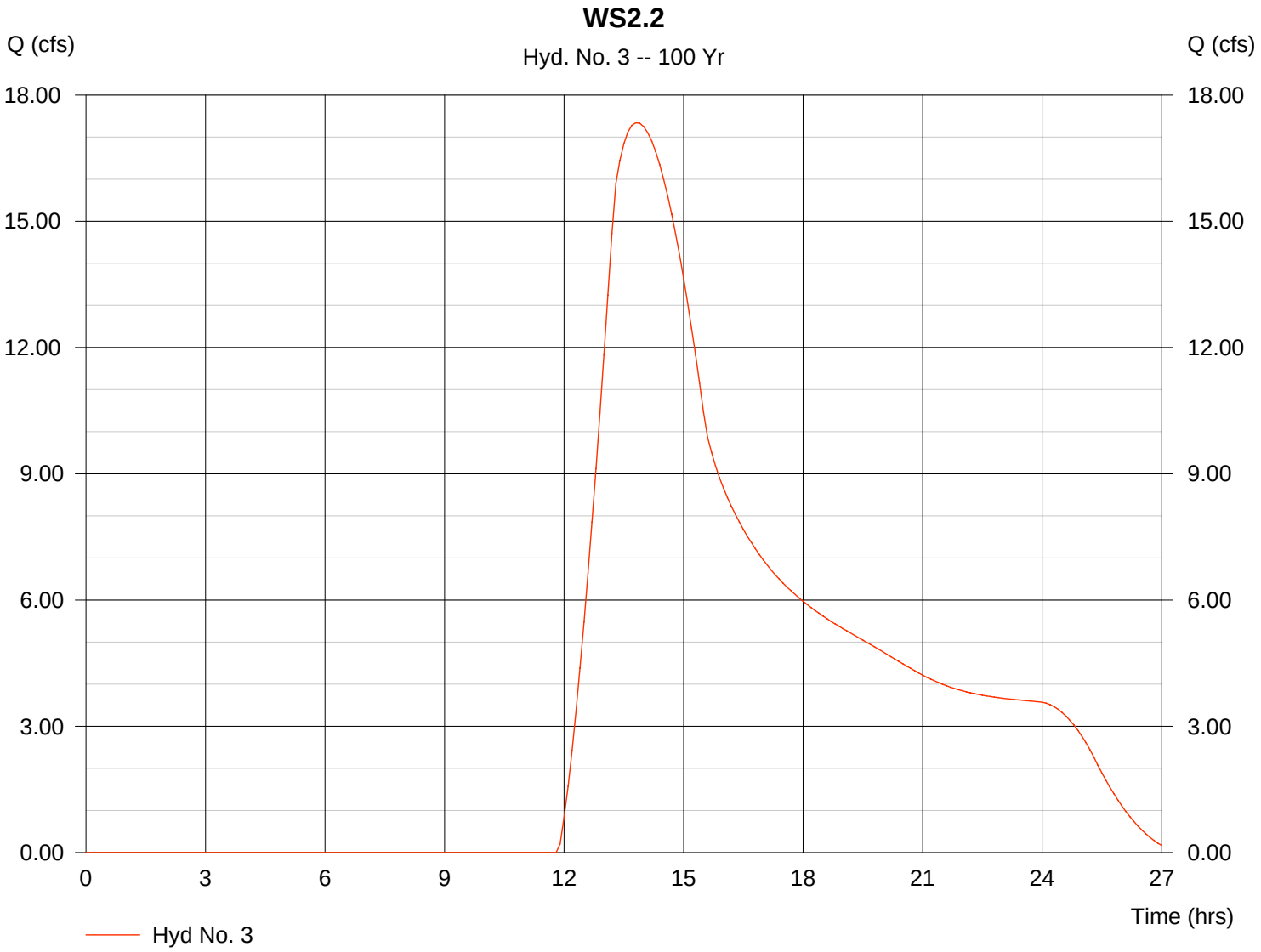
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 3

WS2.2

Hydrograph type	= SCS Runoff	Peak discharge	= 17.34 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 317.000 ac	Curve number	= 62
Basin Slope	= 4.7 %	Hydraulic length	= 8560 ft
Tc method	= LAG	Time of conc. (Tc)	= 135.00 min
Total precip.	= 2.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 341,714 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

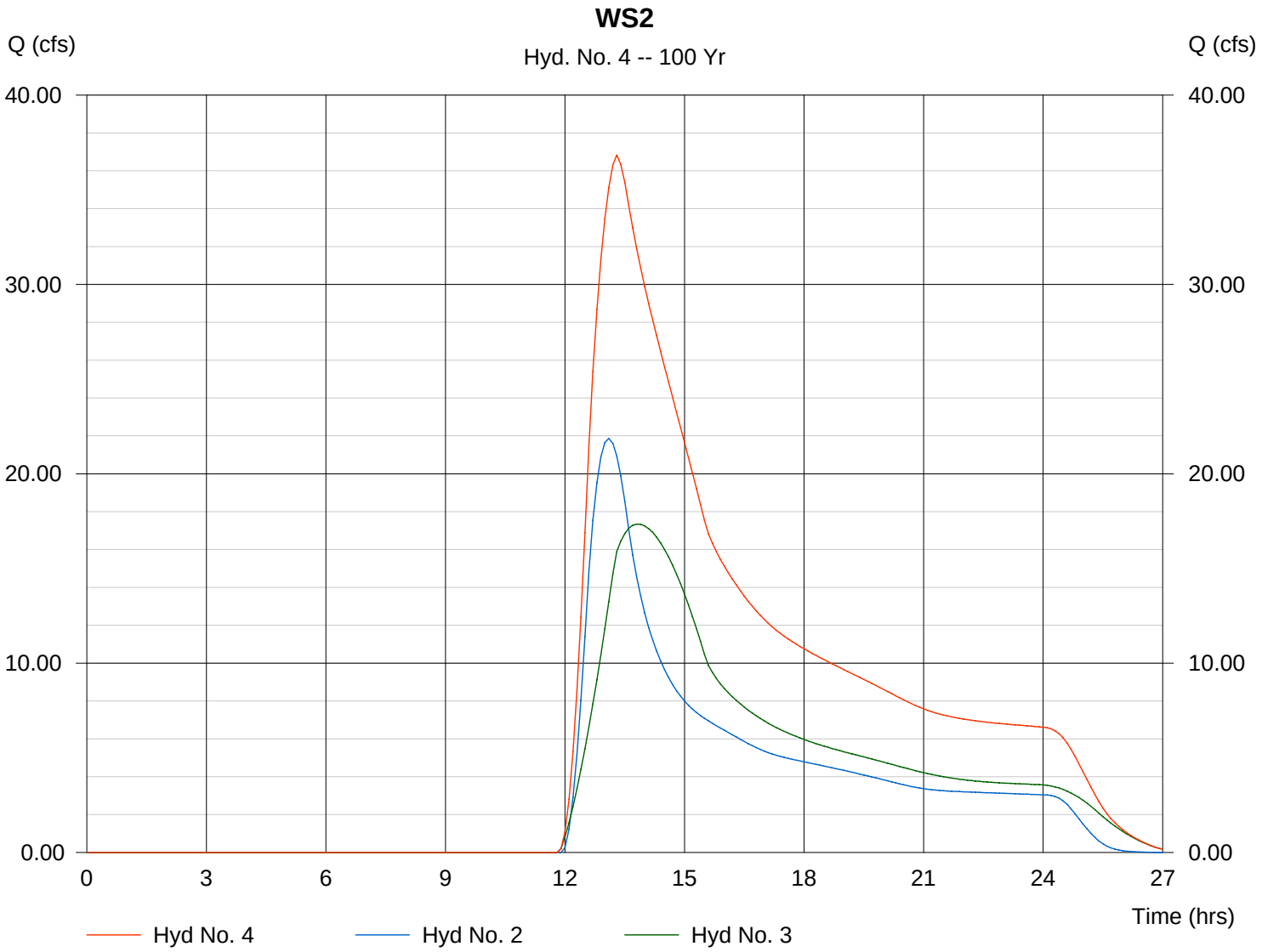
Wednesday, Nov 30 2005, 8:39 AM

Hyd. No. 4

WS2

Hydrograph type	=	Combine	Peak discharge	=	36.83 cfs
Storm frequency	=	100 yrs	Time interval	=	6 min
Inflow hyds.	=	2, 3			

Hydrograph Volume = 637,551 cuft



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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

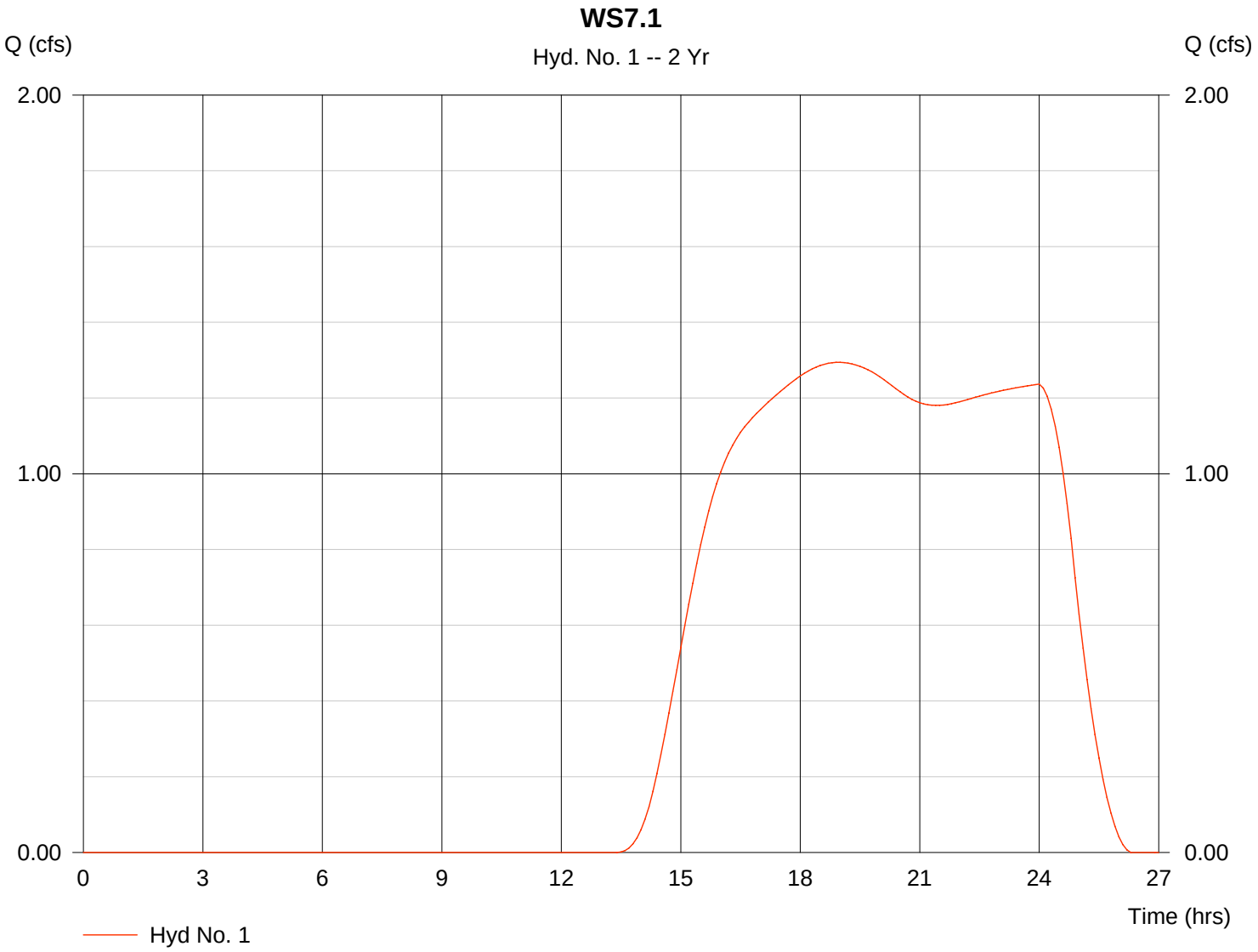
Wednesday, Nov 30 2005, 8:42 AM

Hyd. No. 1

WS7.1

Hydrograph type	= SCS Runoff	Peak discharge	= 1.29 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 849.000 ac	Curve number	= 65
Basin Slope	= 19.7 %	Hydraulic length	= 12880 ft
Tc method	= LAG	Time of conc. (Tc)	= 84.30 min
Total precip.	= 1.36 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 43,567 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

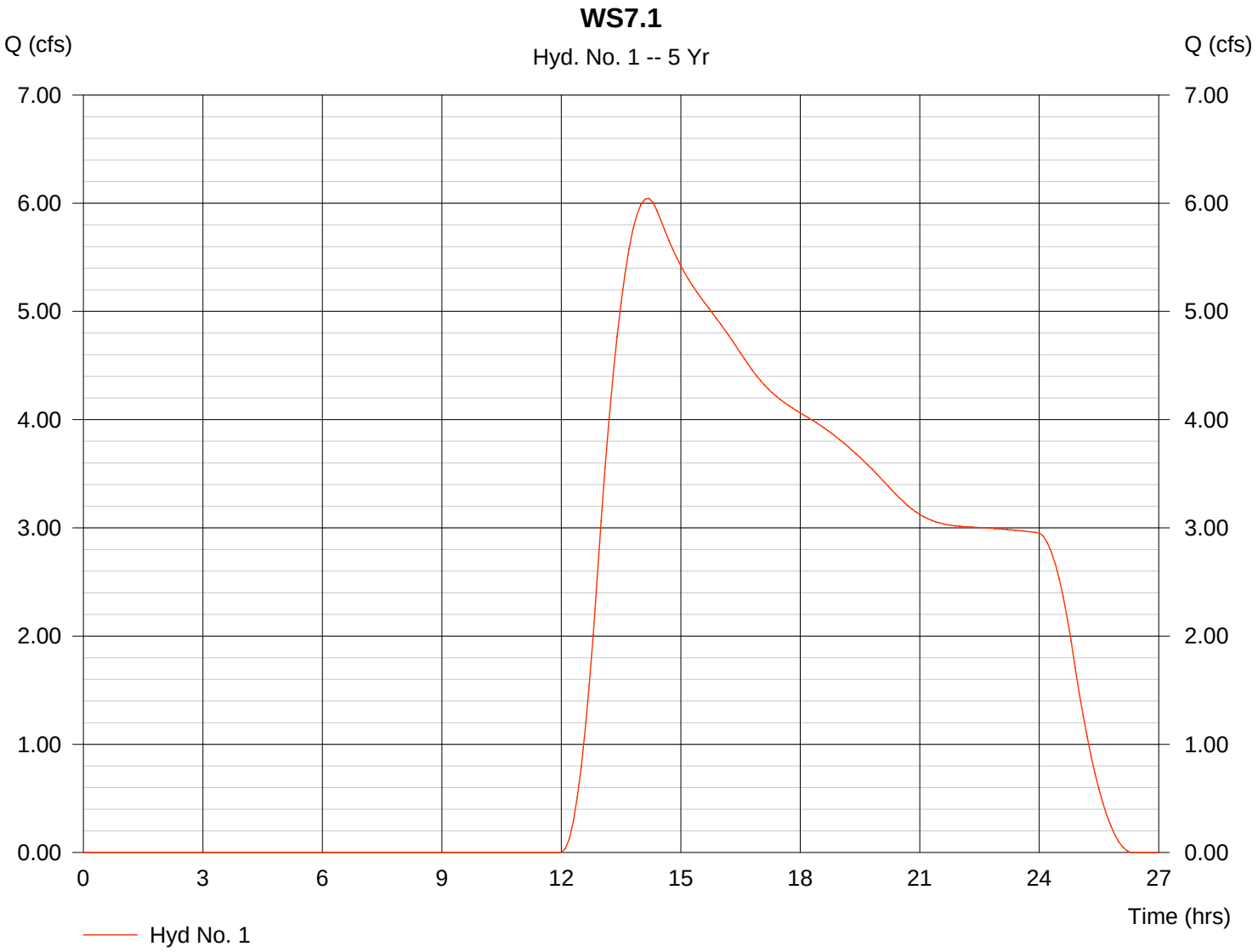
Wednesday, Nov 30 2005, 8:43 AM

Hyd. No. 1

WS7.1

Hydrograph type	= SCS Runoff	Peak discharge	= 6.04 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 849.000 ac	Curve number	= 65
Basin Slope	= 19.7 %	Hydraulic length	= 12880 ft
Tc method	= LAG	Time of conc. (Tc)	= 84.30 min
Total precip.	= 1.66 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 175,260 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

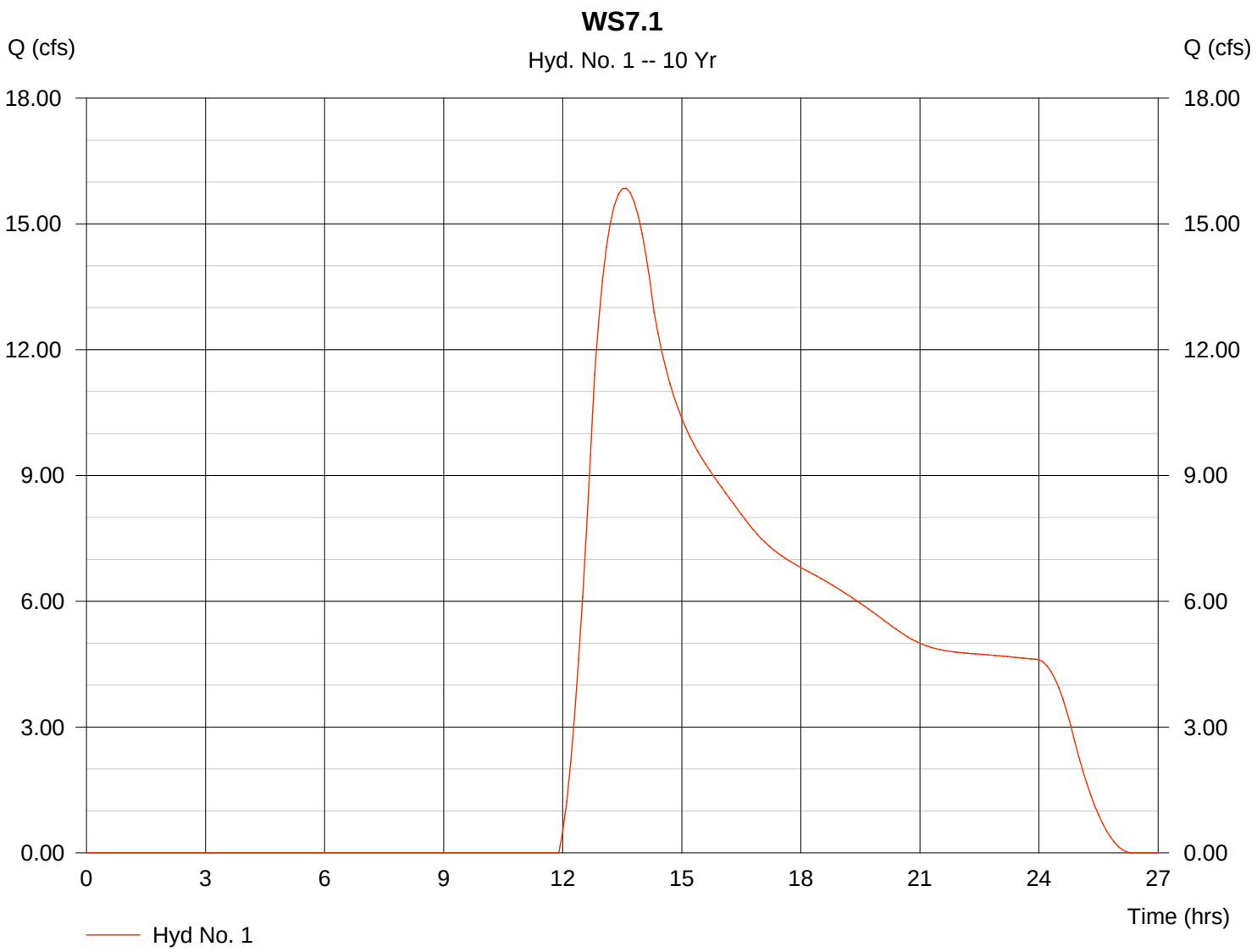
Wednesday, Nov 30 2005, 8:43 AM

Hyd. No. 1

WS7.1

Hydrograph type	= SCS Runoff	Peak discharge	= 15.85 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 849.000 ac	Curve number	= 65
Basin Slope	= 19.7 %	Hydraulic length	= 12880 ft
Tc method	= LAG	Time of conc. (Tc)	= 84.30 min
Total precip.	= 1.91 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 343,965 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

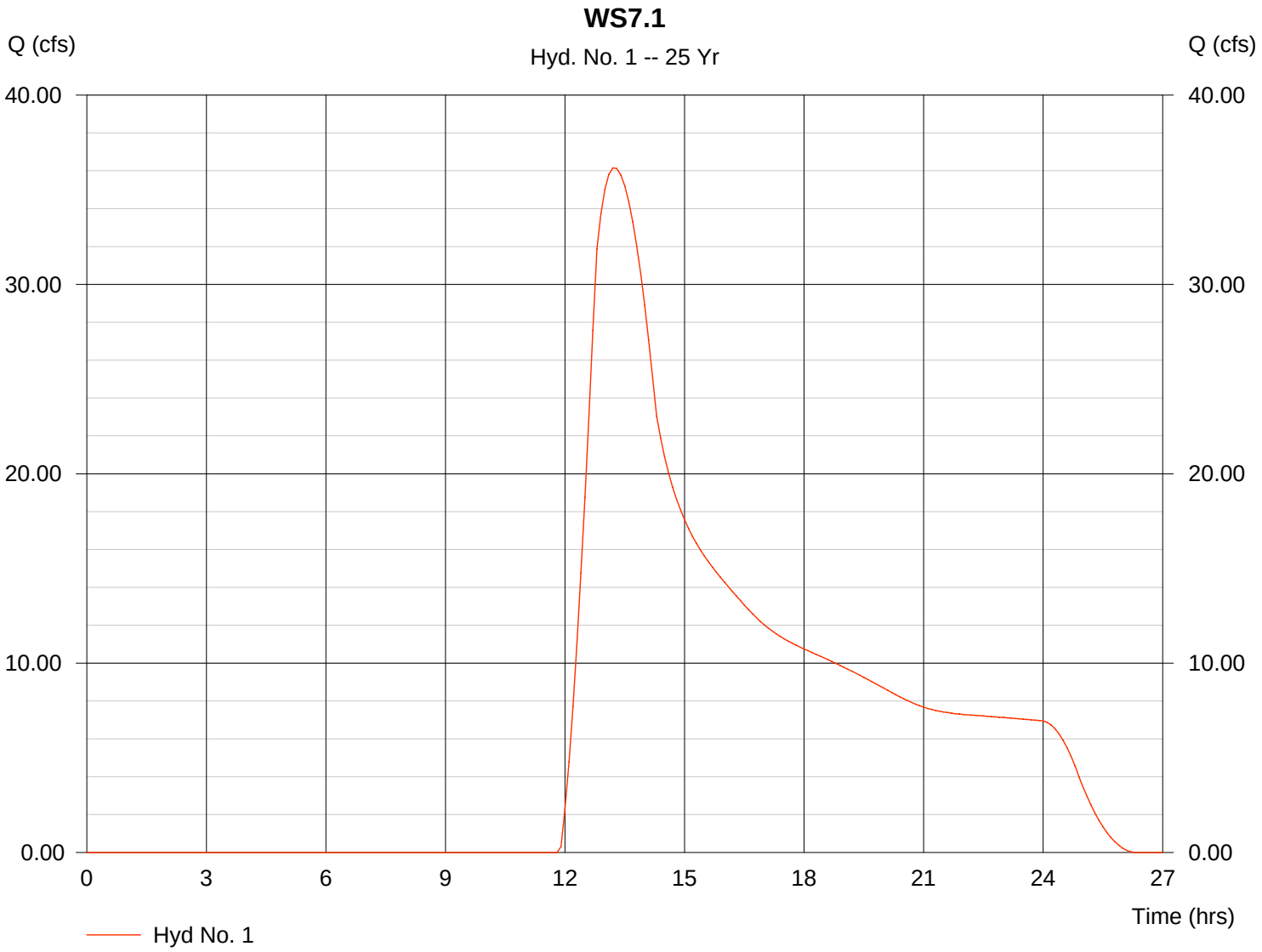
Wednesday, Nov 30 2005, 8:43 AM

Hyd. No. 1

WS7.1

Hydrograph type	= SCS Runoff	Peak discharge	= 36.15 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 849.000 ac	Curve number	= 65
Basin Slope	= 19.7 %	Hydraulic length	= 12880 ft
Tc method	= LAG	Time of conc. (Tc)	= 84.30 min
Total precip.	= 2.23 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 618,846 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

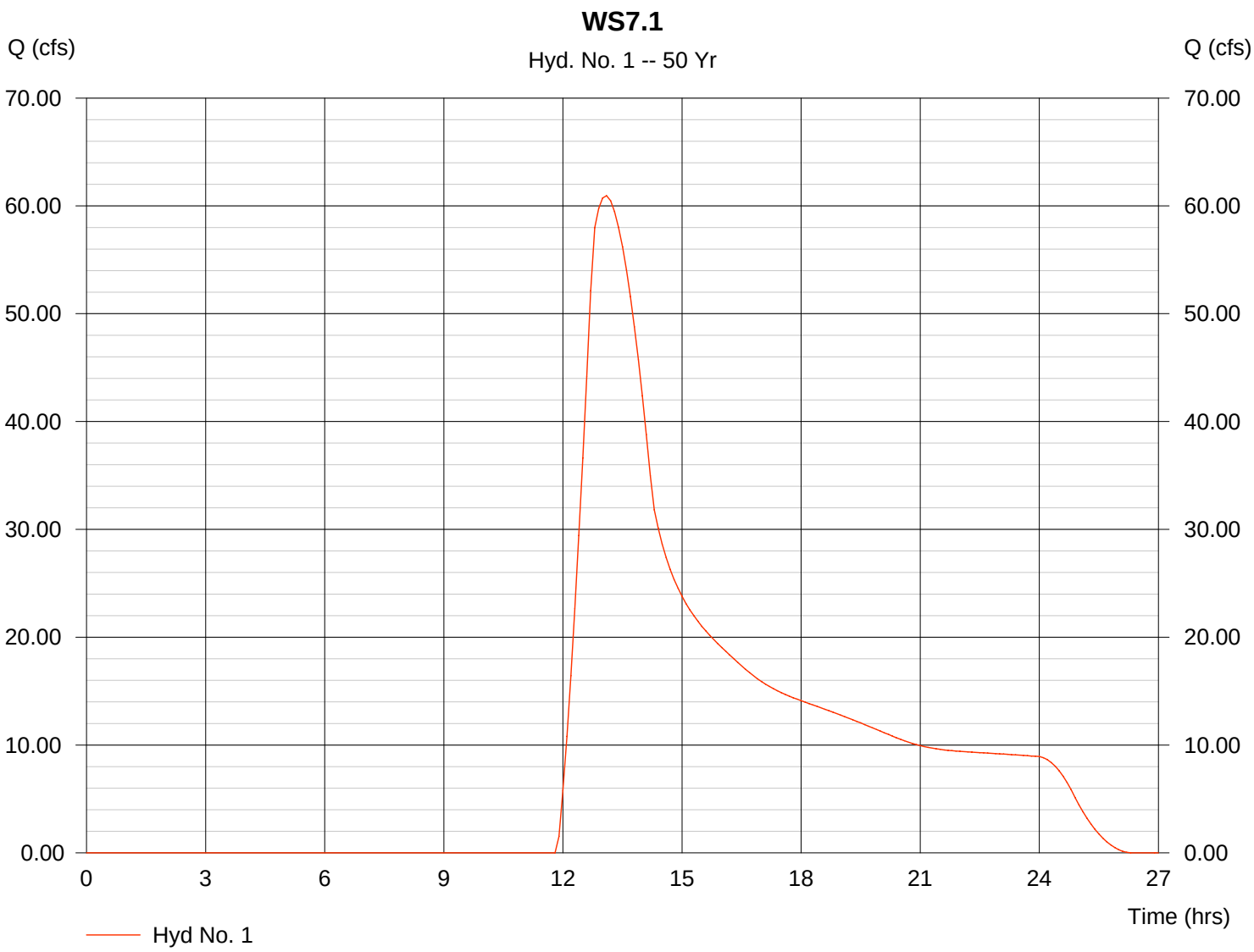
Wednesday, Nov 30 2005, 8:43 AM

Hyd. No. 1

WS7.1

Hydrograph type	= SCS Runoff	Peak discharge	= 60.94 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 849.000 ac	Curve number	= 65
Basin Slope	= 19.7 %	Hydraulic length	= 12880 ft
Tc method	= LAG	Time of conc. (Tc)	= 84.30 min
Total precip.	= 2.48 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 893,787 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

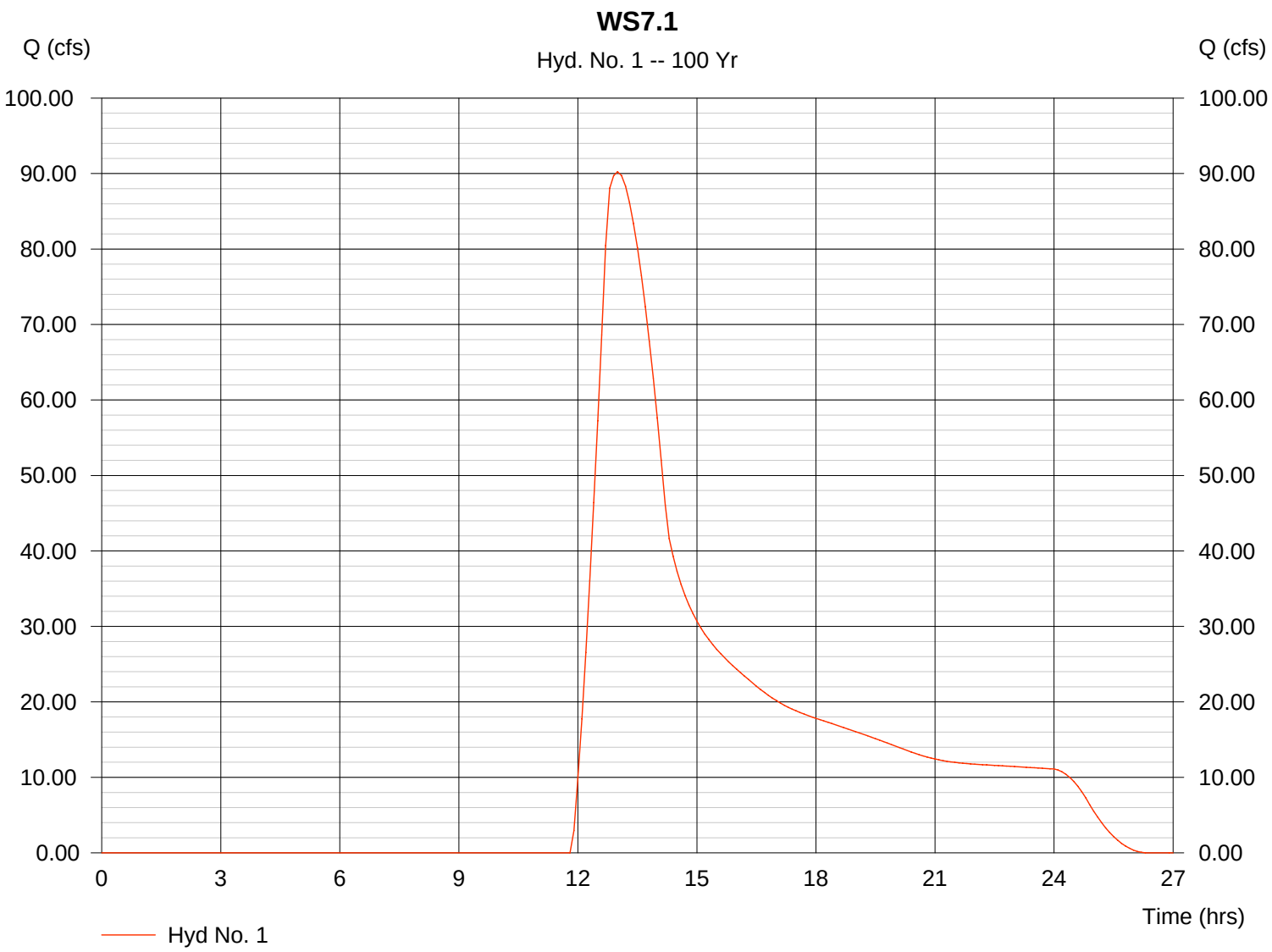
Wednesday, Nov 30 2005, 8:43 AM

Hyd. No. 1

WS7.1

Hydrograph type	= SCS Runoff	Peak discharge	= 90.24 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 849.000 ac	Curve number	= 65
Basin Slope	= 19.7 %	Hydraulic length	= 12880 ft
Tc method	= LAG	Time of conc. (Tc)	= 84.30 min
Total precip.	= 2.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 1,203,468 cuft



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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

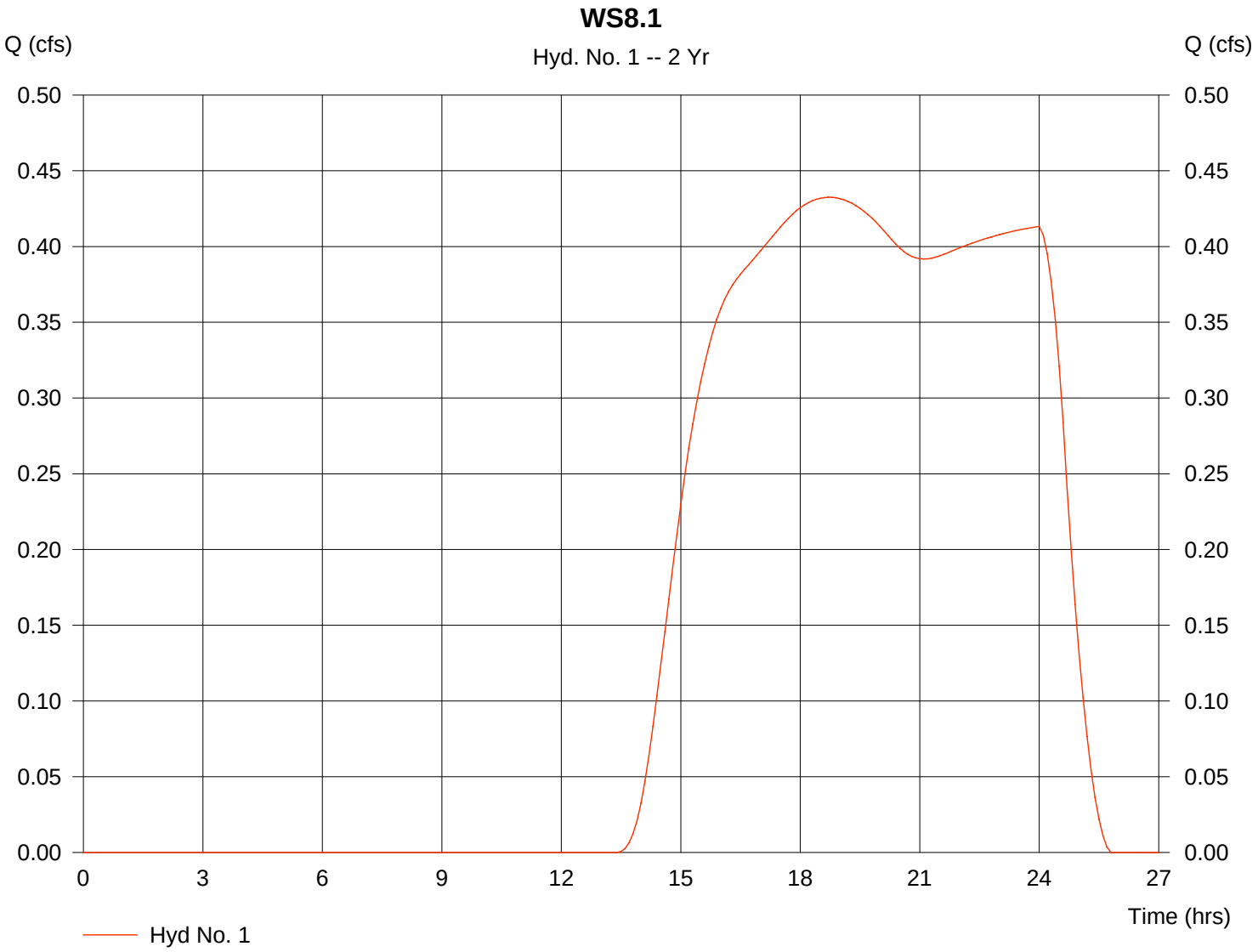
Wednesday, Nov 30 2005, 8:45 AM

Hyd. No. 1

WS8.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.43 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 278.000 ac	Curve number	= 65
Basin Slope	= 21.1 %	Hydraulic length	= 9670 ft
Tc method	= LAG	Time of conc. (Tc)	= 64.80 min
Total precip.	= 1.36 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 14,521 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

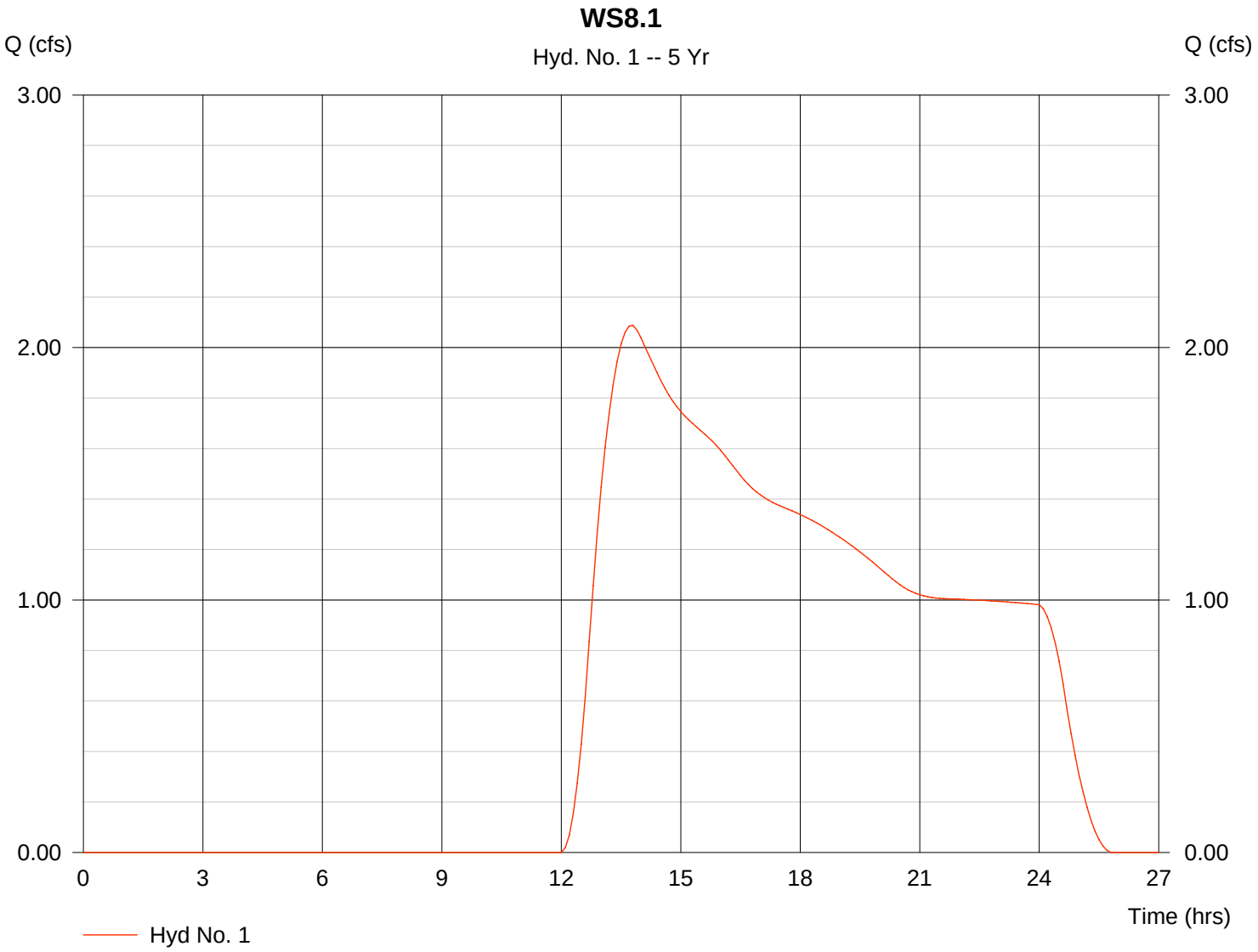
Wednesday, Nov 30 2005, 8:45 AM

Hyd. No. 1

WS8.1

Hydrograph type	= SCS Runoff	Peak discharge	= 2.09 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 278.000 ac	Curve number	= 65
Basin Slope	= 21.1 %	Hydraulic length	= 9670 ft
Tc method	= LAG	Time of conc. (Tc)	= 64.80 min
Total precip.	= 1.66 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 58,413 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

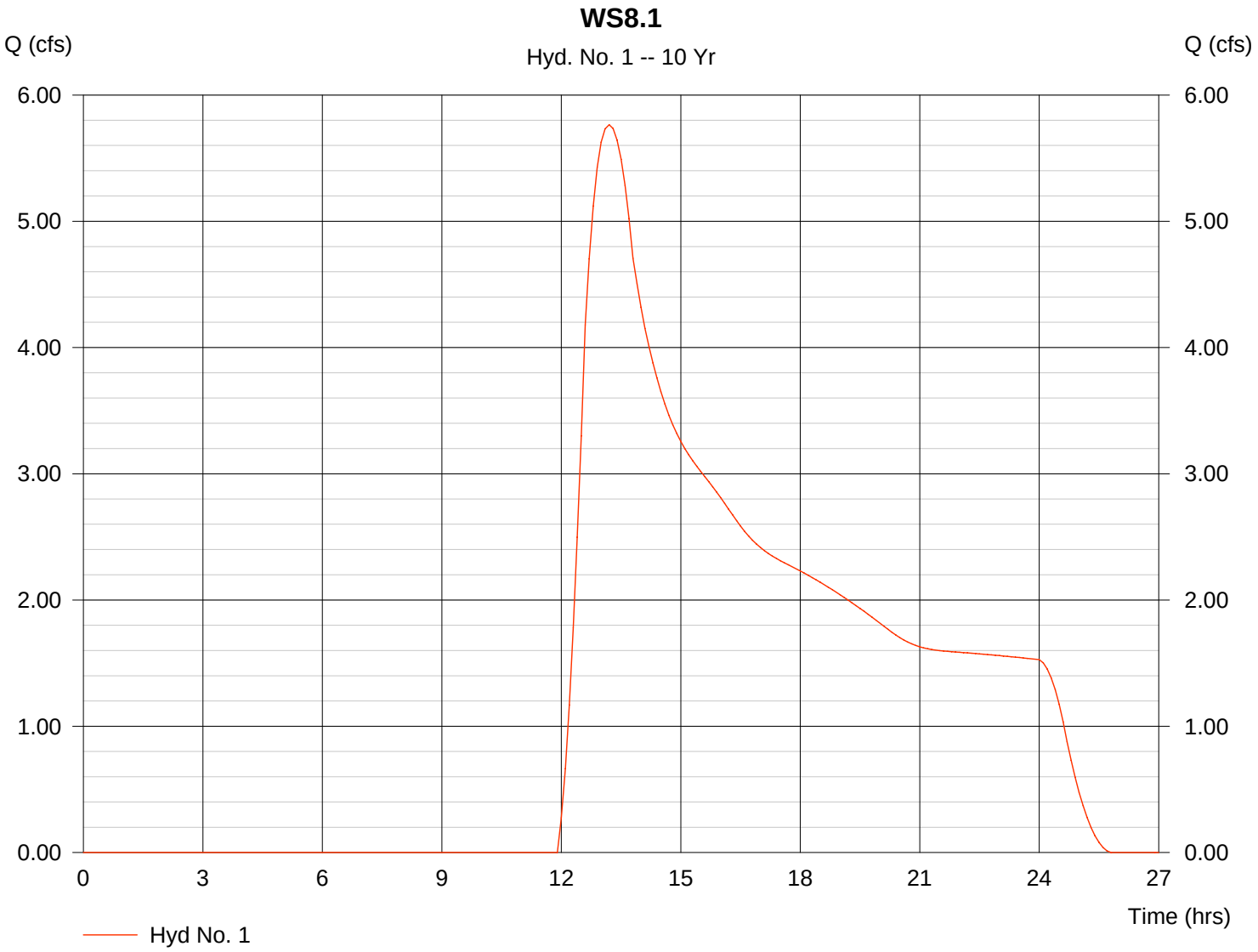
Wednesday, Nov 30 2005, 8:45 AM

Hyd. No. 1

WS8.1

Hydrograph type	= SCS Runoff	Peak discharge	= 5.76 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 278.000 ac	Curve number	= 65
Basin Slope	= 21.1 %	Hydraulic length	= 9670 ft
Tc method	= LAG	Time of conc. (Tc)	= 64.80 min
Total precip.	= 1.91 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 114,641 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

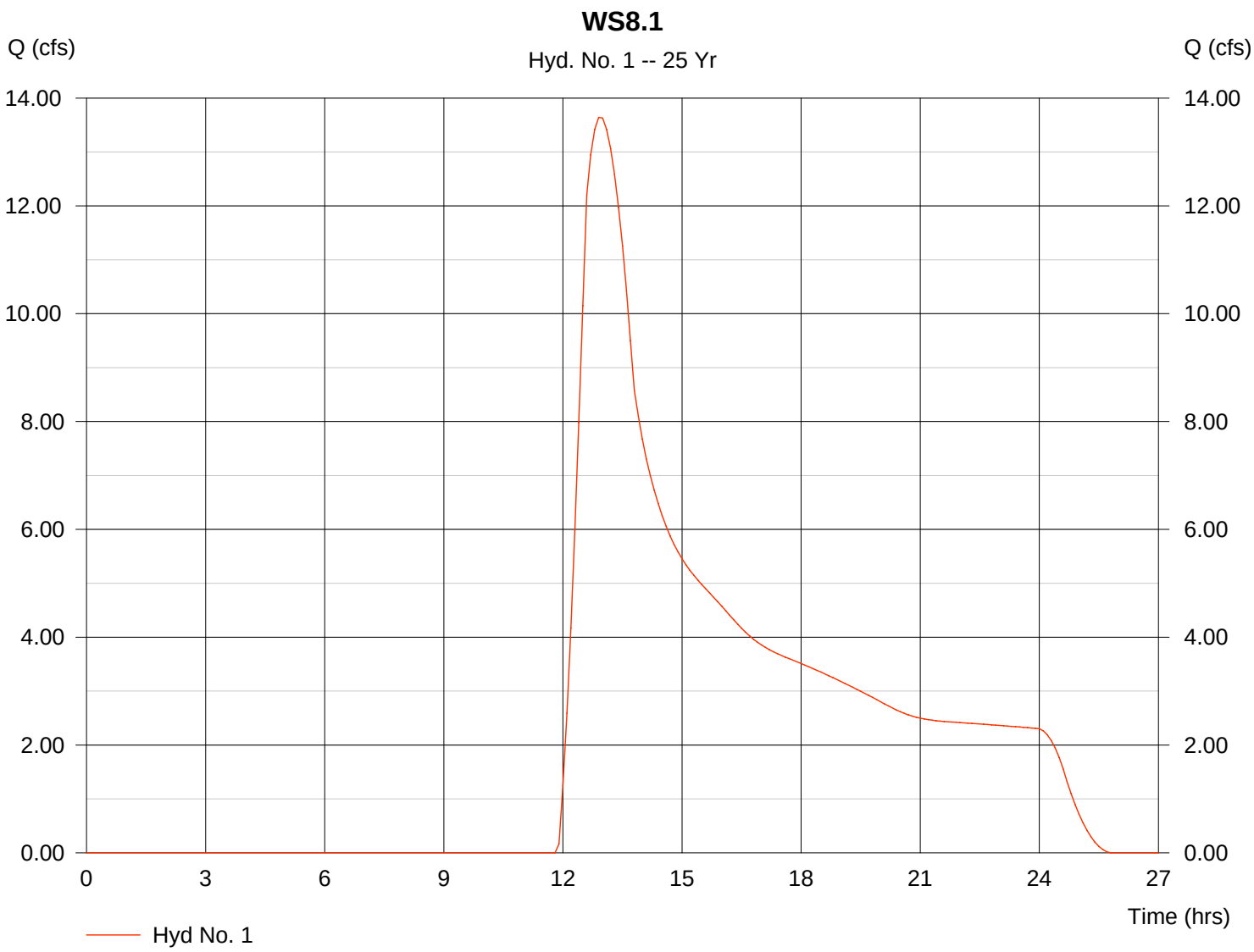
Wednesday, Nov 30 2005, 8:45 AM

Hyd. No. 1

WS8.1

Hydrograph type	= SCS Runoff	Peak discharge	= 13.64 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 278.000 ac	Curve number	= 65
Basin Slope	= 21.1 %	Hydraulic length	= 9670 ft
Tc method	= LAG	Time of conc. (Tc)	= 64.80 min
Total precip.	= 2.23 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 206,256 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

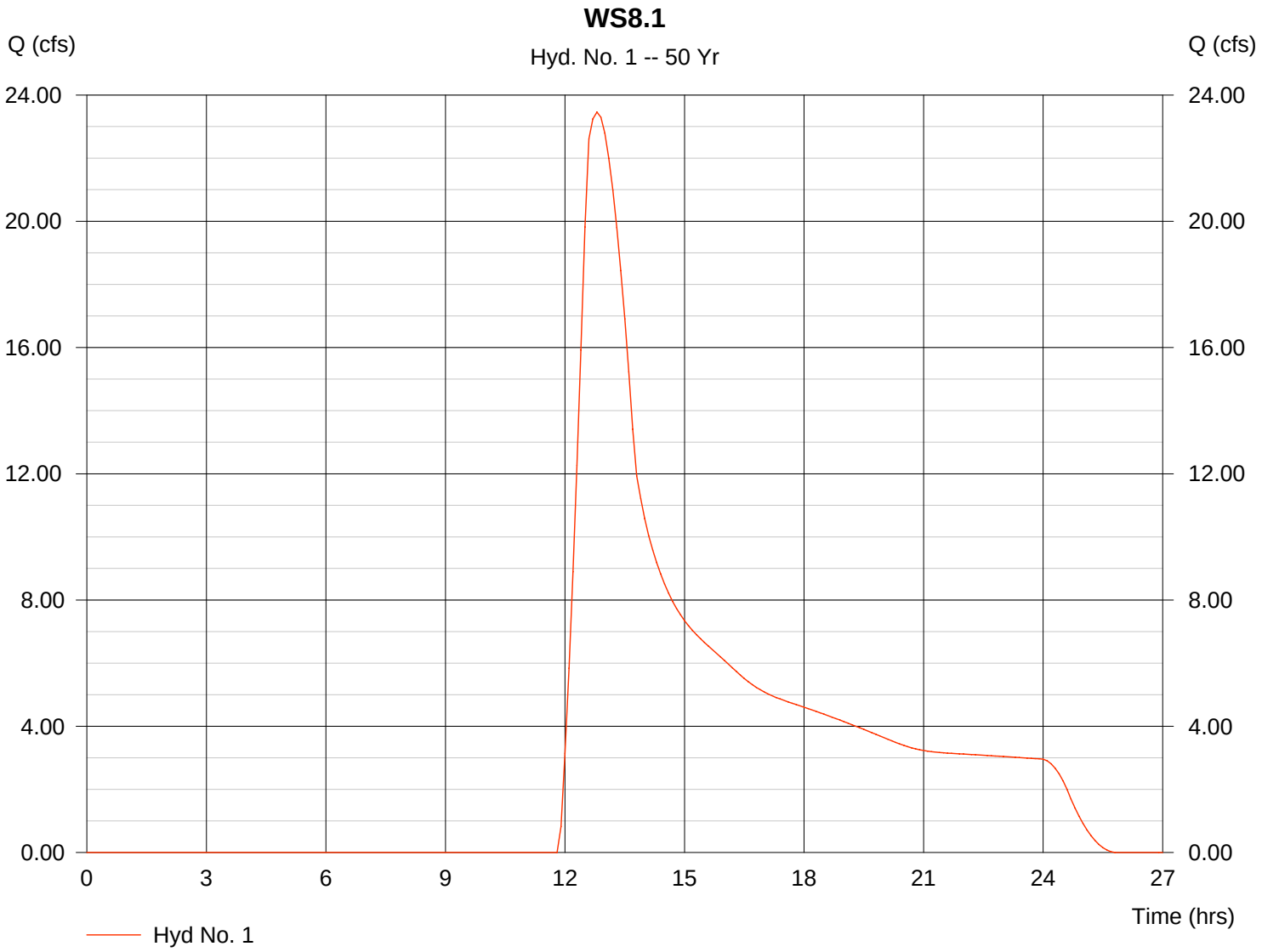
Wednesday, Nov 30 2005, 8:45 AM

Hyd. No. 1

WS8.1

Hydrograph type	= SCS Runoff	Peak discharge	= 23.46 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 278.000 ac	Curve number	= 65
Basin Slope	= 21.1 %	Hydraulic length	= 9670 ft
Tc method	= LAG	Time of conc. (Tc)	= 64.80 min
Total precip.	= 2.48 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 297,892 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

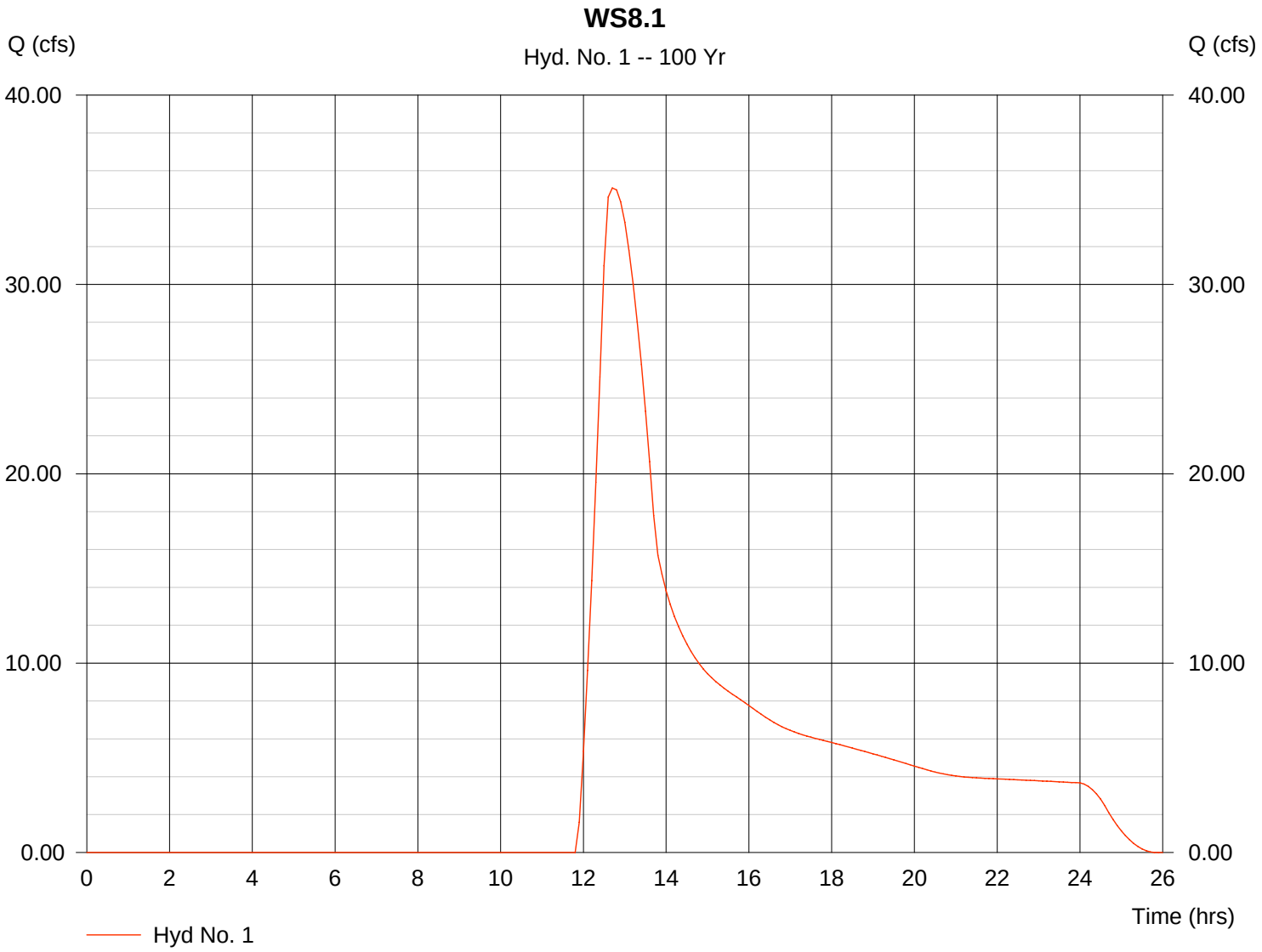
Wednesday, Nov 30 2005, 8:45 AM

Hyd. No. 1

WS8.1

Hydrograph type	= SCS Runoff	Peak discharge	= 35.09 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 278.000 ac	Curve number	= 65
Basin Slope	= 21.1 %	Hydraulic length	= 9670 ft
Tc method	= LAG	Time of conc. (Tc)	= 64.80 min
Total precip.	= 2.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 401,105 cuft



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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

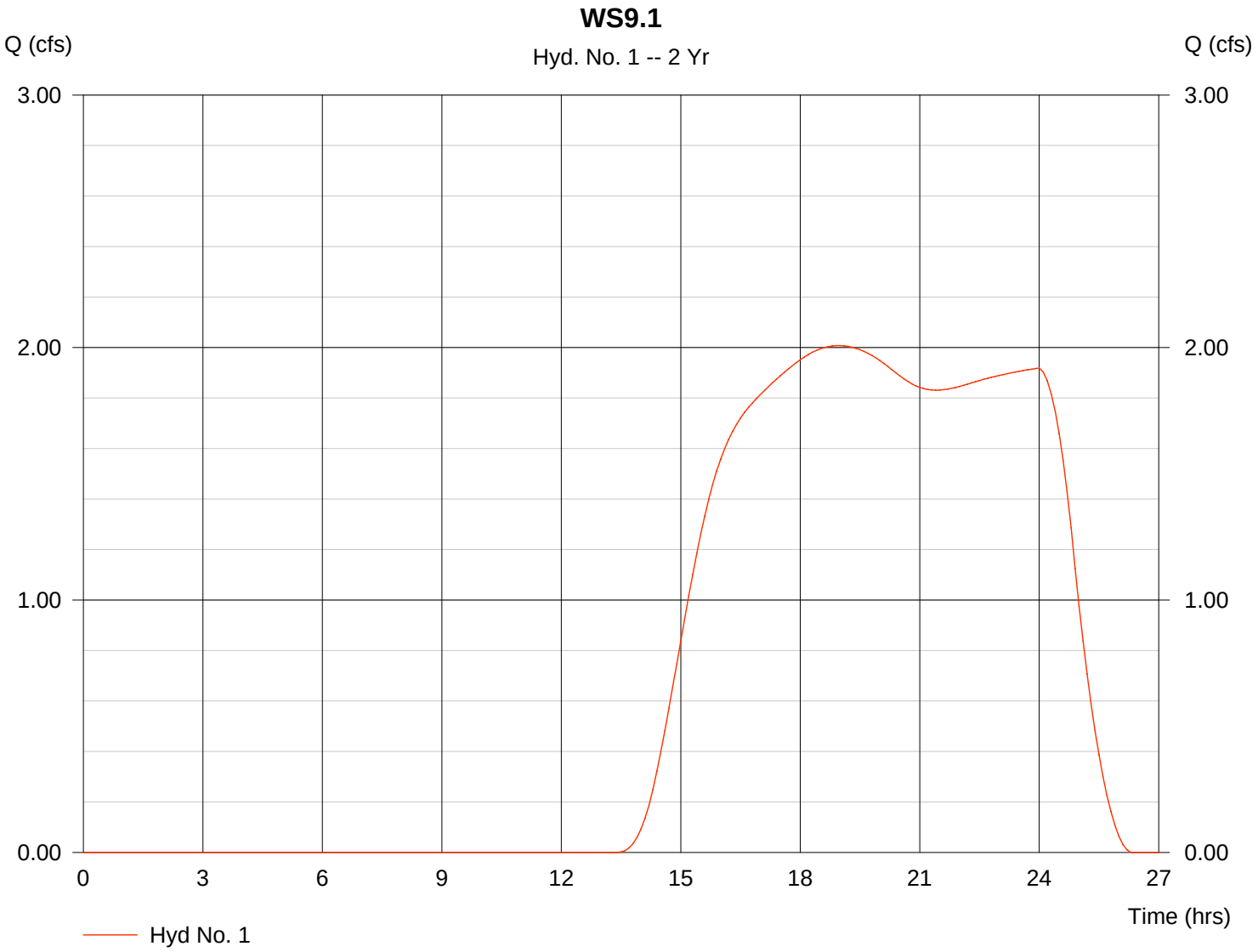
Wednesday, Nov 30 2005, 8:47 AM

Hyd. No. 1

WS9.1

Hydrograph type	= SCS Runoff	Peak discharge	= 2.01 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 1317.000 ac	Curve number	= 65
Basin Slope	= 20.0 %	Hydraulic length	= 13900 ft
Tc method	= LAG	Time of conc. (Tc)	= 89.00 min
Total precip.	= 1.36 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 67,583 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

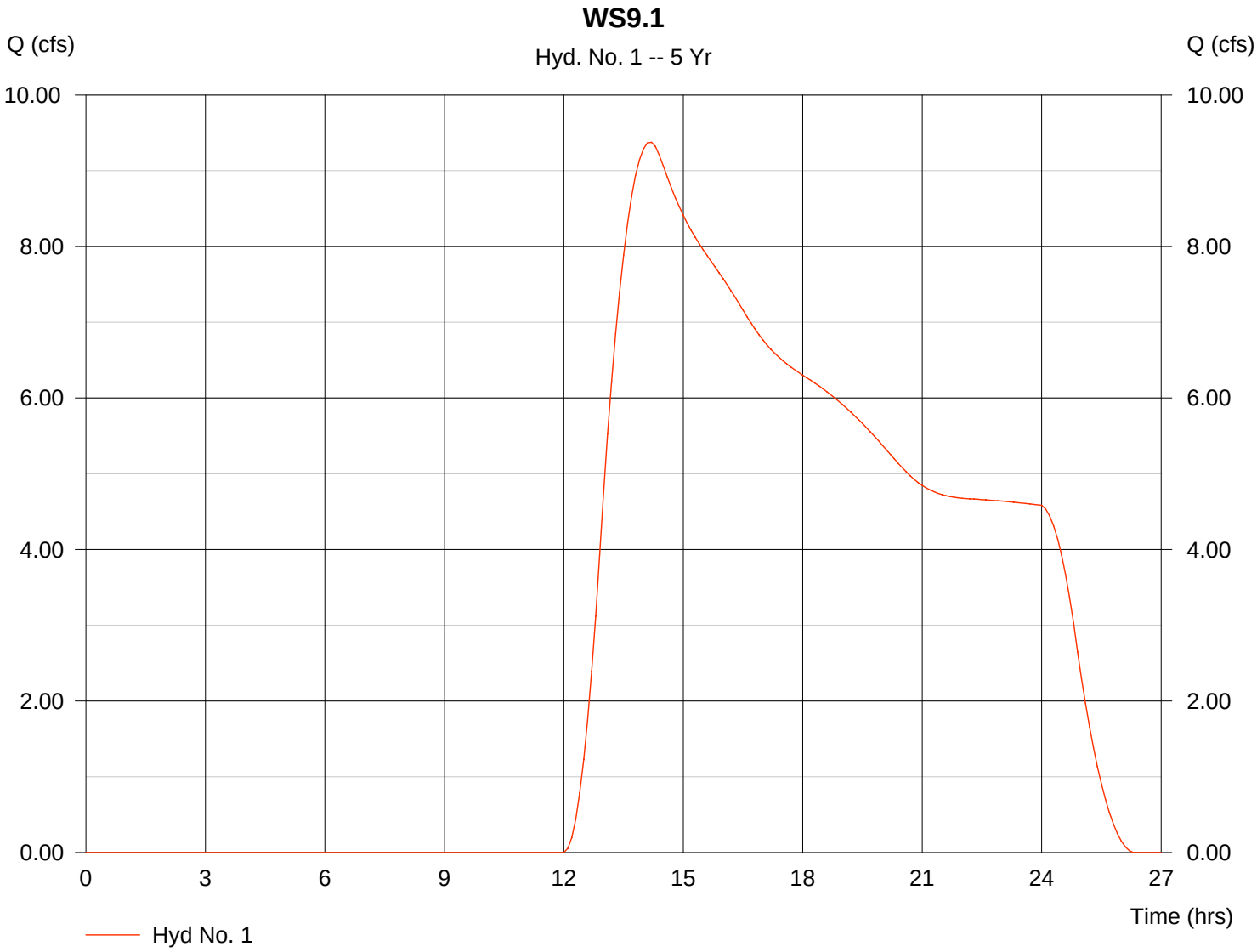
Wednesday, Nov 30 2005, 8:47 AM

Hyd. No. 1

WS9.1

Hydrograph type	= SCS Runoff	Peak discharge	= 9.38 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 1317.000 ac	Curve number	= 65
Basin Slope	= 20.0 %	Hydraulic length	= 13900 ft
Tc method	= LAG	Time of conc. (Tc)	= 89.00 min
Total precip.	= 1.66 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 271,870 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

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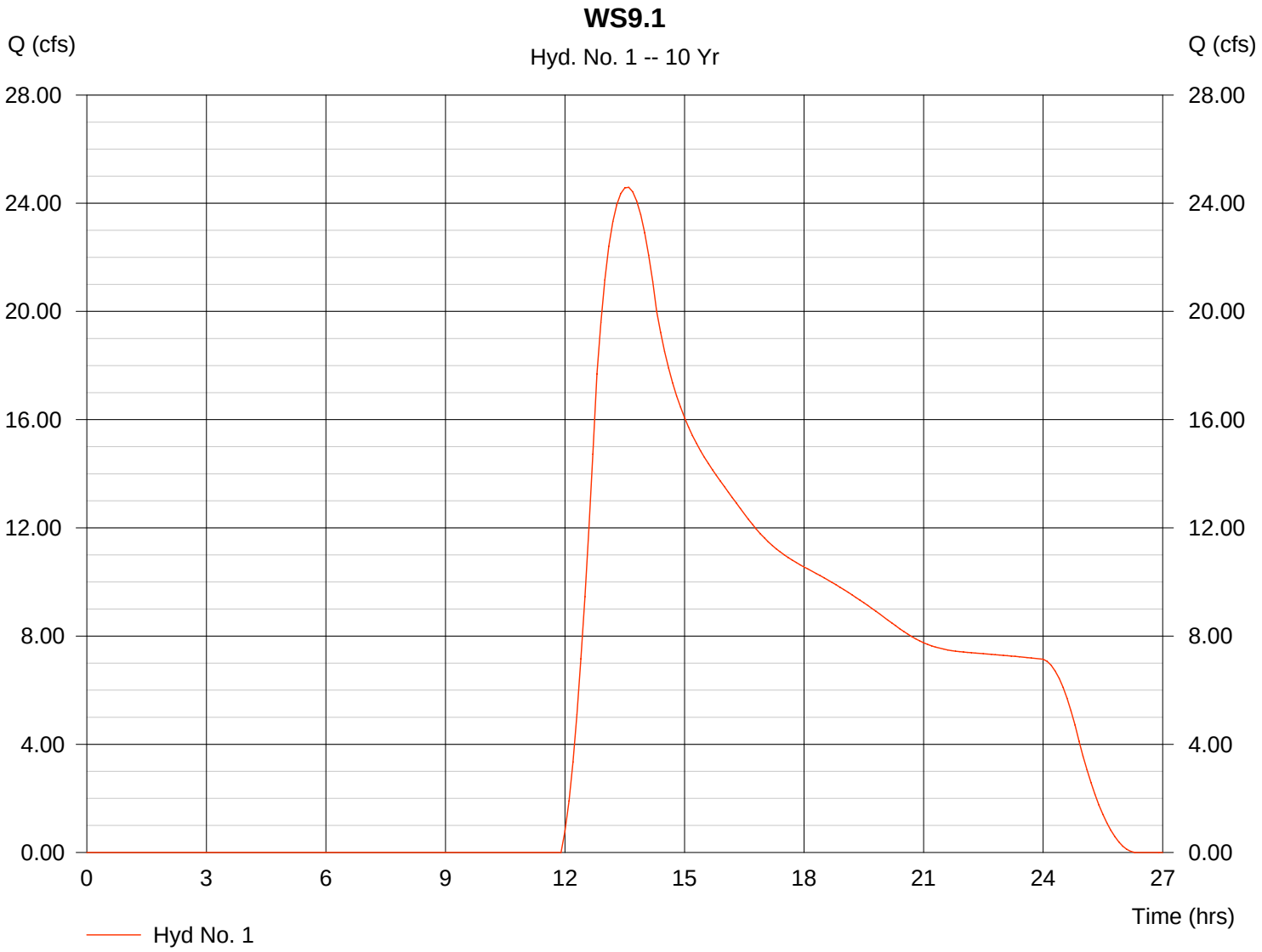
Hyd. No. 1

WS9.1

Hydrograph type	= SCS Runoff	Peak discharge	= 24.59 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 1317.000 ac	Curve number	= 65
Basin Slope	= 20.0 %	Hydraulic length	= 13900 ft
Tc method	= LAG	Time of conc. (Tc)	= 89.00 min
Total precip.	= 1.91 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 533,571 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

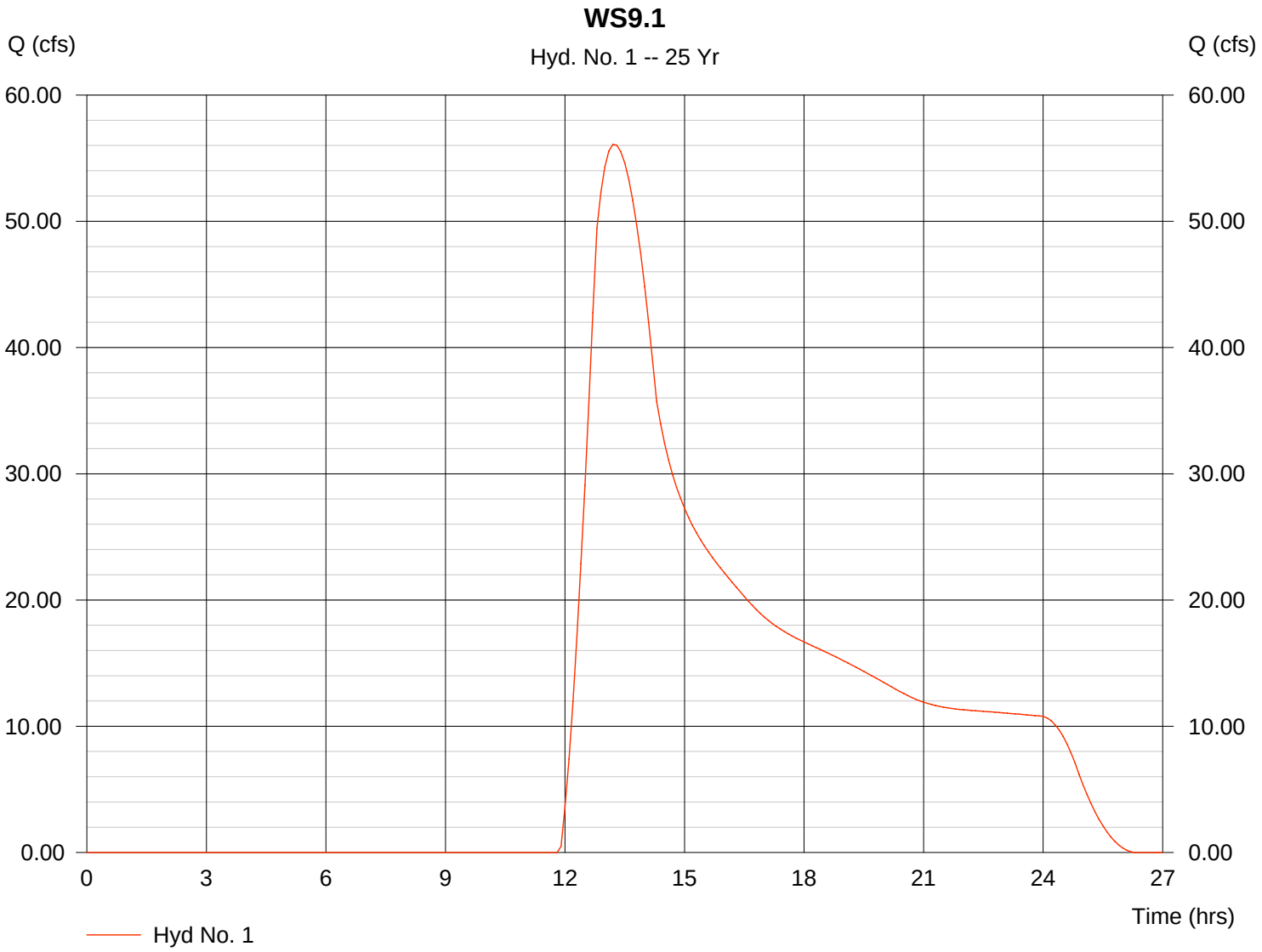
Wednesday, Nov 30 2005, 8:47 AM

Hyd. No. 1

WS9.1

Hydrograph type	= SCS Runoff	Peak discharge	= 56.08 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 1317.000 ac	Curve number	= 65
Basin Slope	= 20.0 %	Hydraulic length	= 13900 ft
Tc method	= LAG	Time of conc. (Tc)	= 89.00 min
Total precip.	= 2.23 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 959,976 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

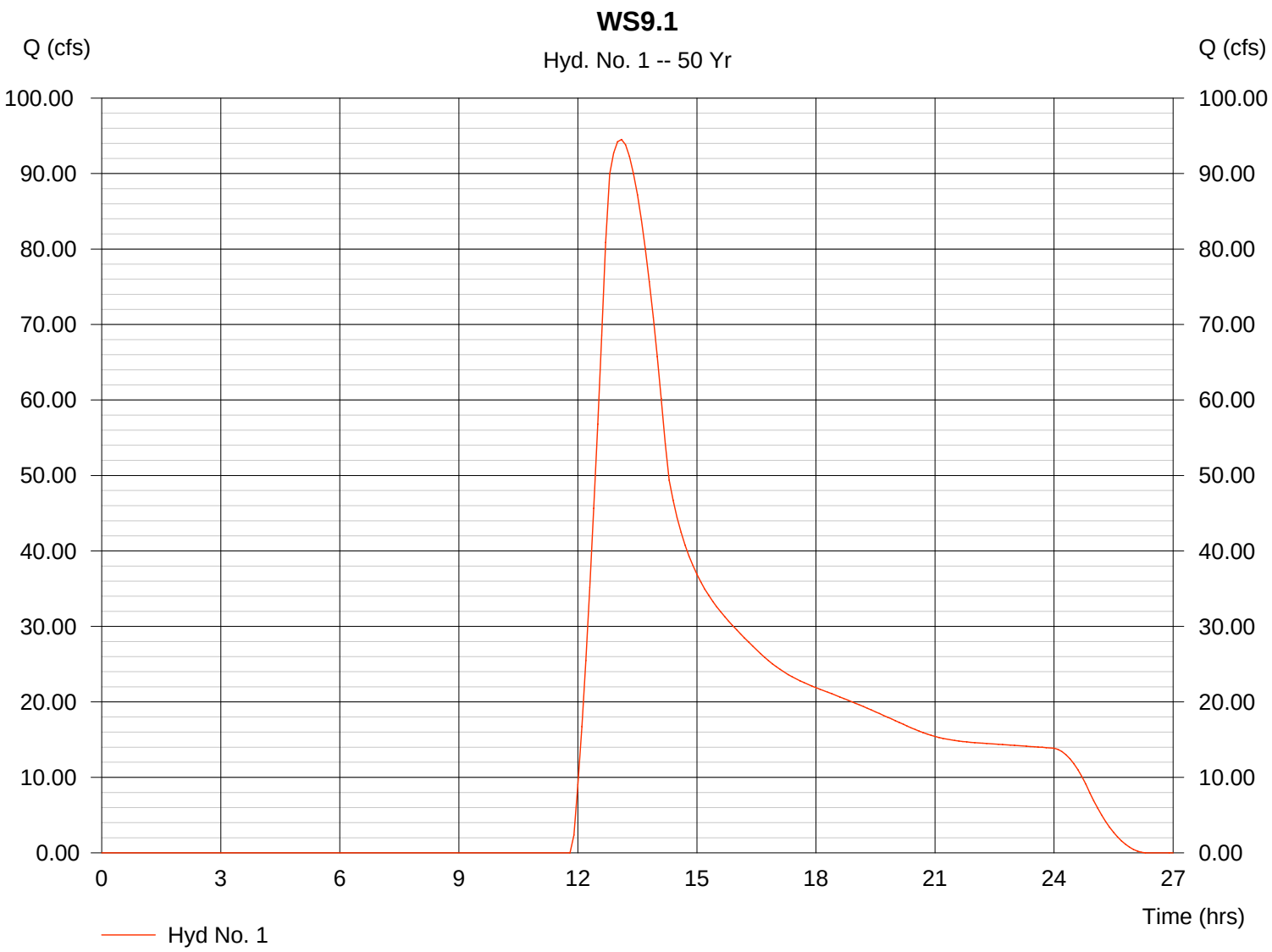
Wednesday, Nov 30 2005, 8:47 AM

Hyd. No. 1

WS9.1

Hydrograph type	= SCS Runoff	Peak discharge	= 94.53 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 1317.000 ac	Curve number	= 65
Basin Slope	= 20.0 %	Hydraulic length	= 13900 ft
Tc method	= LAG	Time of conc. (Tc)	= 89.00 min
Total precip.	= 2.48 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 1,386,475 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

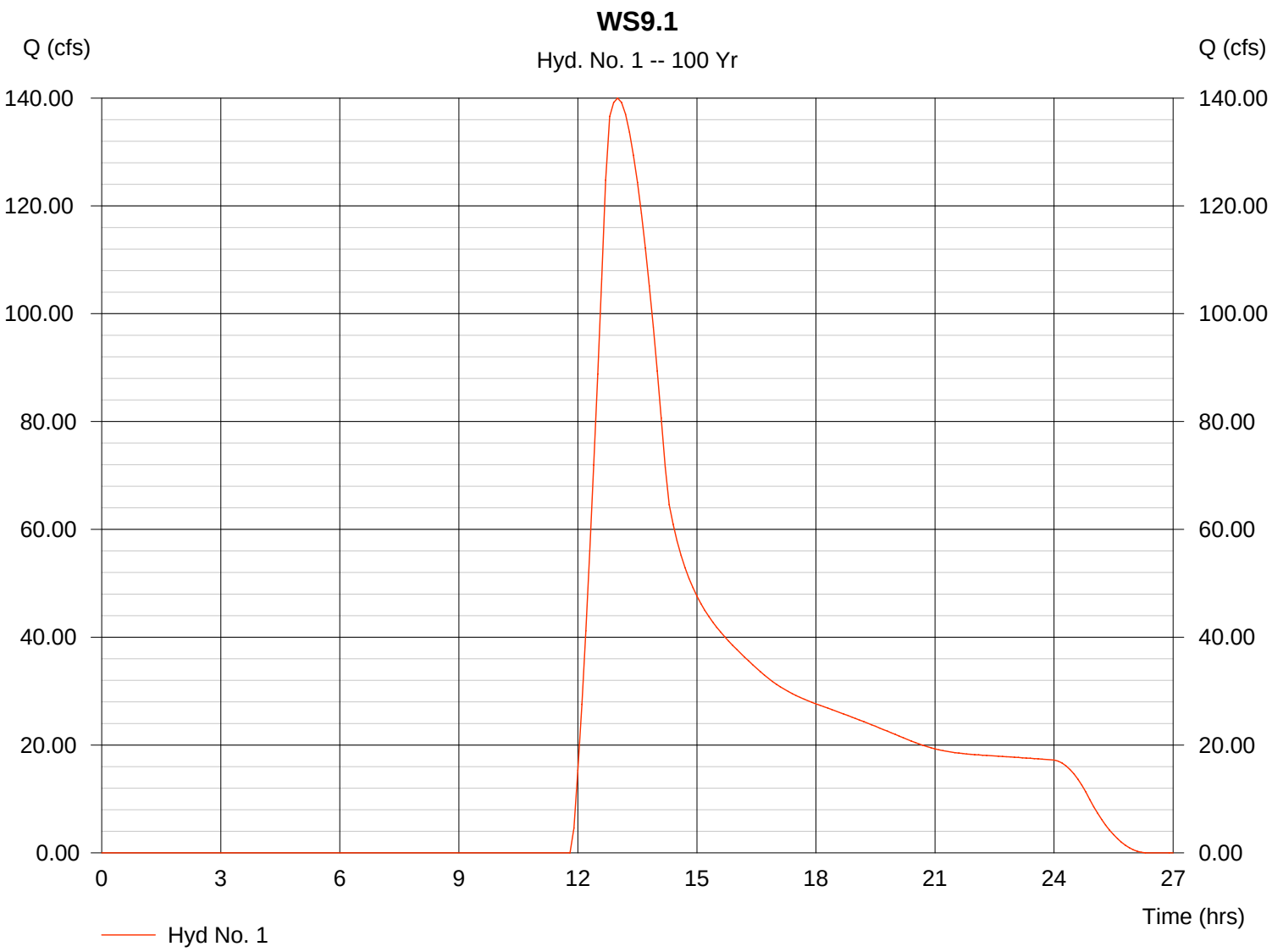
Wednesday, Nov 30 2005, 8:47 AM

Hyd. No. 1

WS9.1

Hydrograph type	= SCS Runoff	Peak discharge	= 139.99 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 1317.000 ac	Curve number	= 65
Basin Slope	= 20.0 %	Hydraulic length	= 13900 ft
Tc method	= LAG	Time of conc. (Tc)	= 89.00 min
Total precip.	= 2.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 1,866,864 cuft



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Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

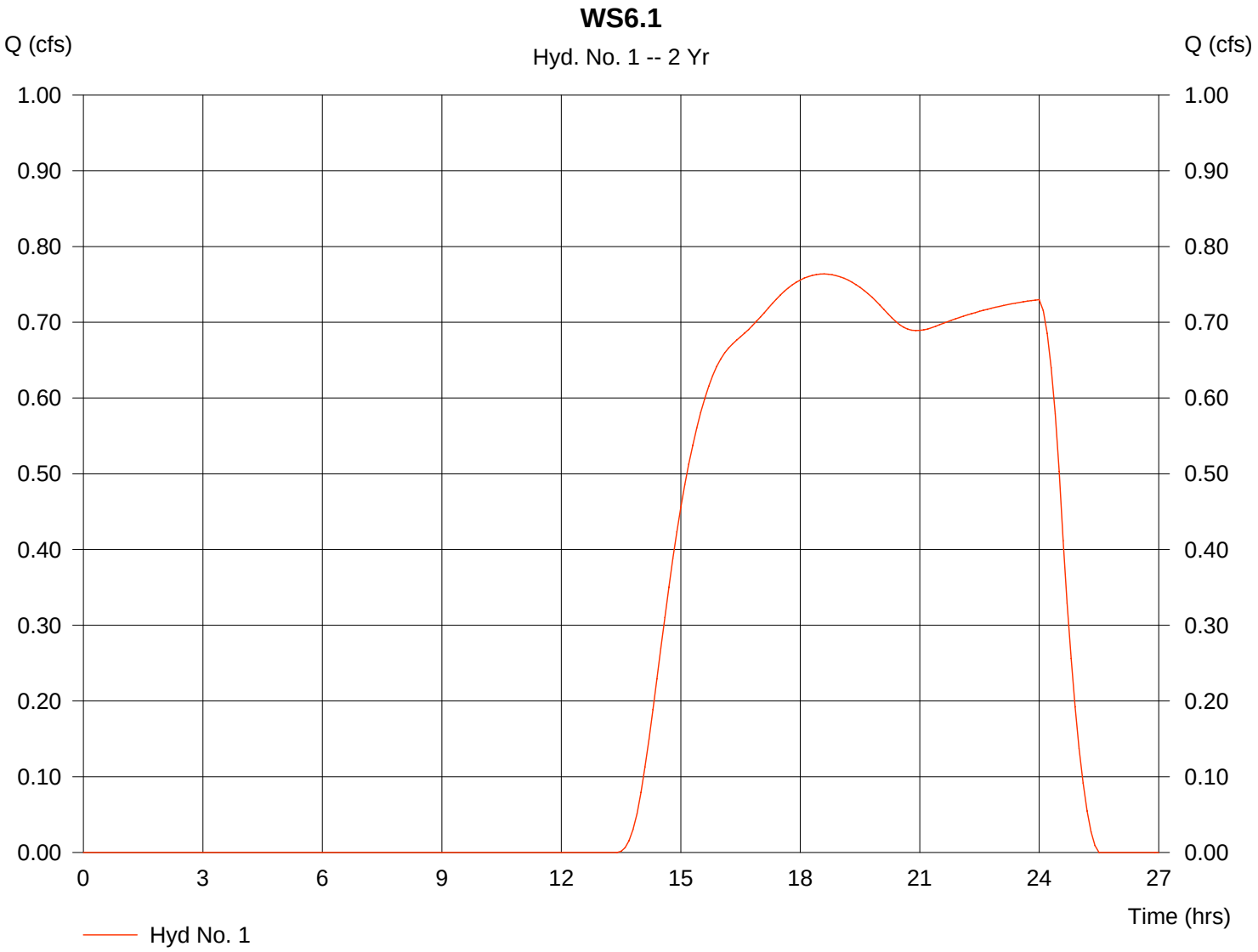
Wednesday, Nov 30 2005, 8:49 AM

Hyd. No. 1

WS6.1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.76 cfs
Storm frequency	= 2 yrs	Time interval	= 6 min
Drainage area	= 499.000 ac	Curve number	= 65
Basin Slope	= 20.8 %	Hydraulic length	= 7930 ft
Tc method	= LAG	Time of conc. (Tc)	= 55.70 min
Total precip.	= 1.36 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 25,607 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

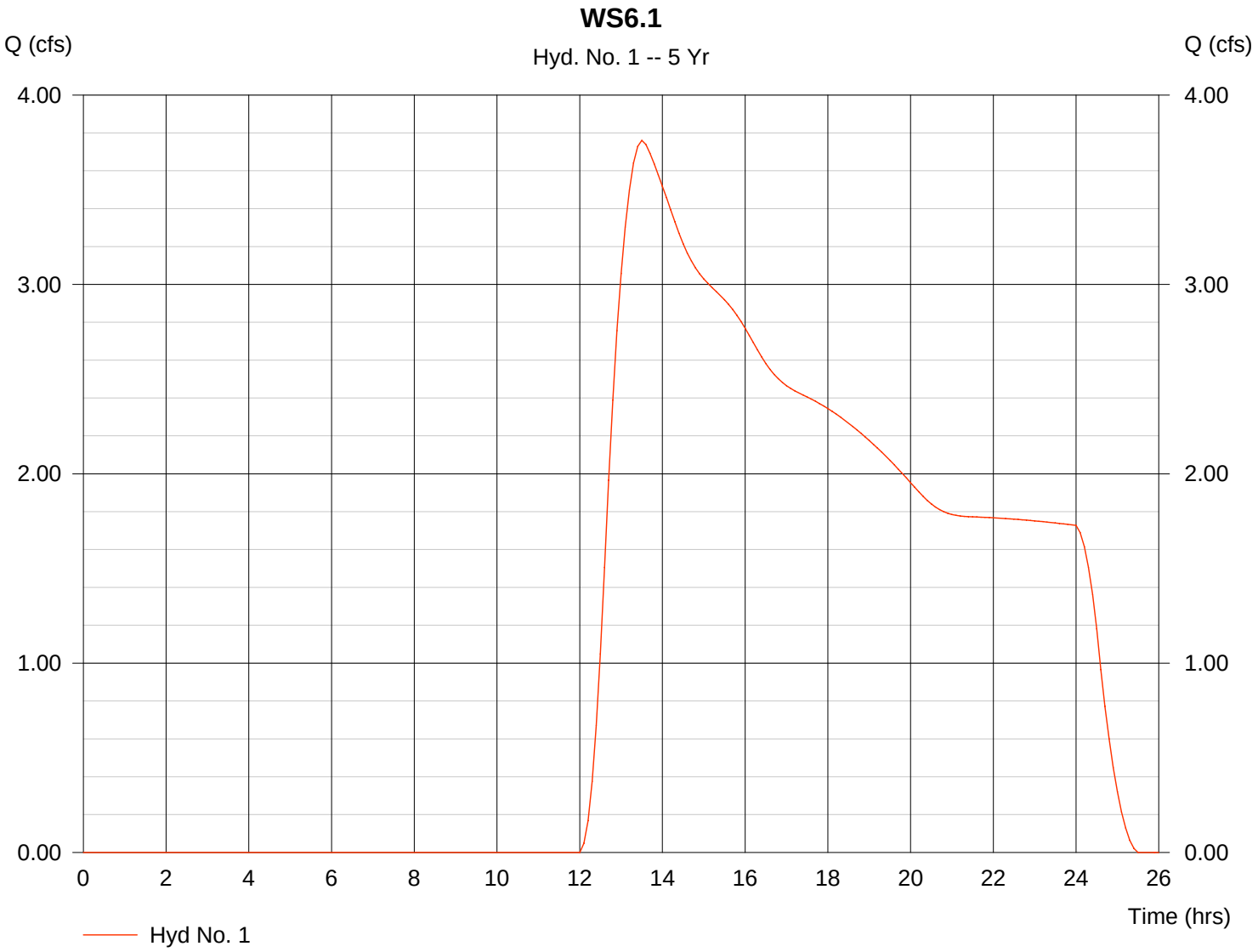
Wednesday, Nov 30 2005, 8:49 AM

Hyd. No. 1

WS6.1

Hydrograph type	= SCS Runoff	Peak discharge	= 3.76 cfs
Storm frequency	= 5 yrs	Time interval	= 6 min
Drainage area	= 499.000 ac	Curve number	= 65
Basin Slope	= 20.8 %	Hydraulic length	= 7930 ft
Tc method	= LAG	Time of conc. (Tc)	= 55.70 min
Total precip.	= 1.66 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 103,009 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

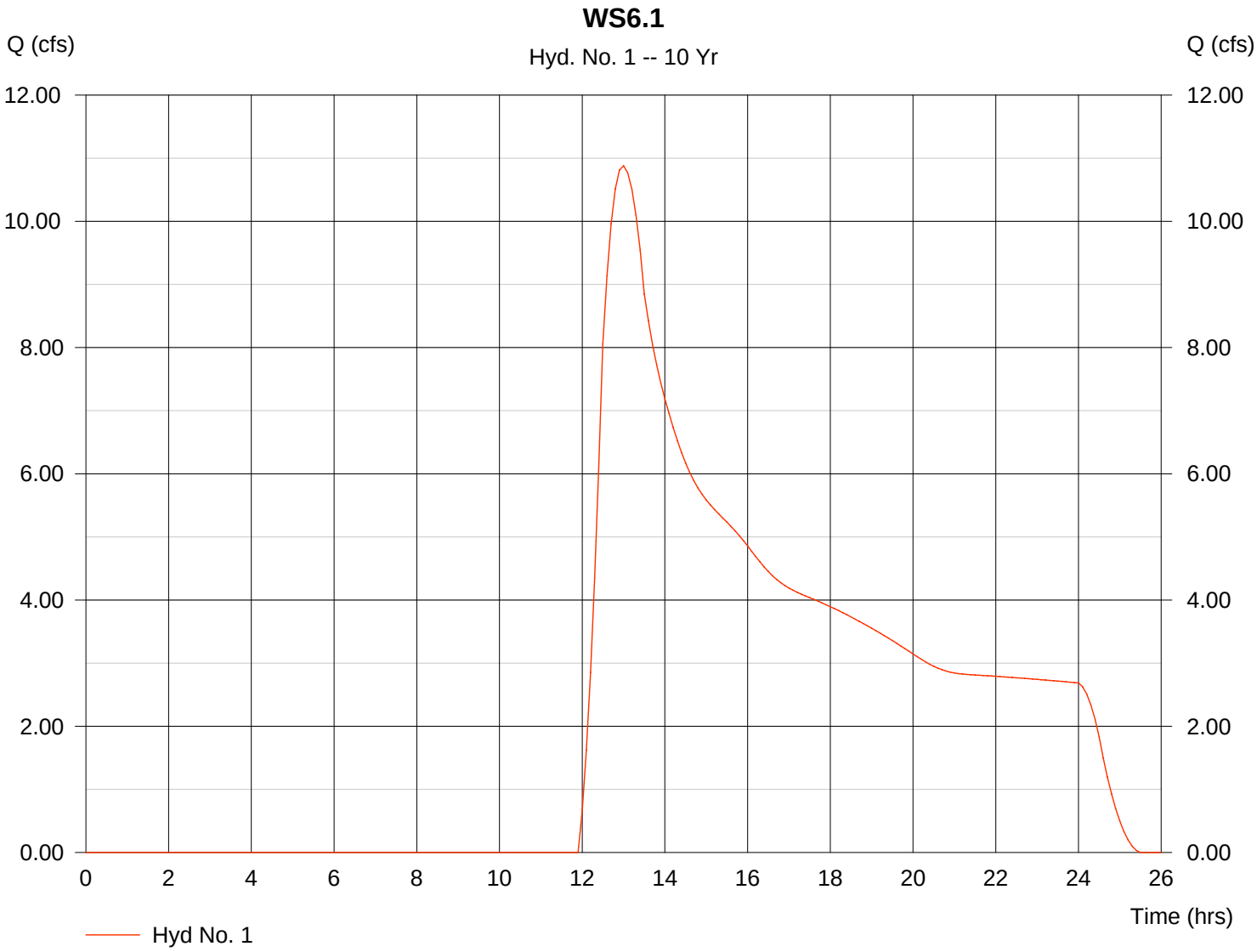
Wednesday, Nov 30 2005, 8:50 AM

Hyd. No. 1

WS6.1

Hydrograph type	= SCS Runoff	Peak discharge	= 10.88 cfs
Storm frequency	= 10 yrs	Time interval	= 6 min
Drainage area	= 499.000 ac	Curve number	= 65
Basin Slope	= 20.8 %	Hydraulic length	= 7930 ft
Tc method	= LAG	Time of conc. (Tc)	= 55.70 min
Total precip.	= 1.91 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 202,165 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

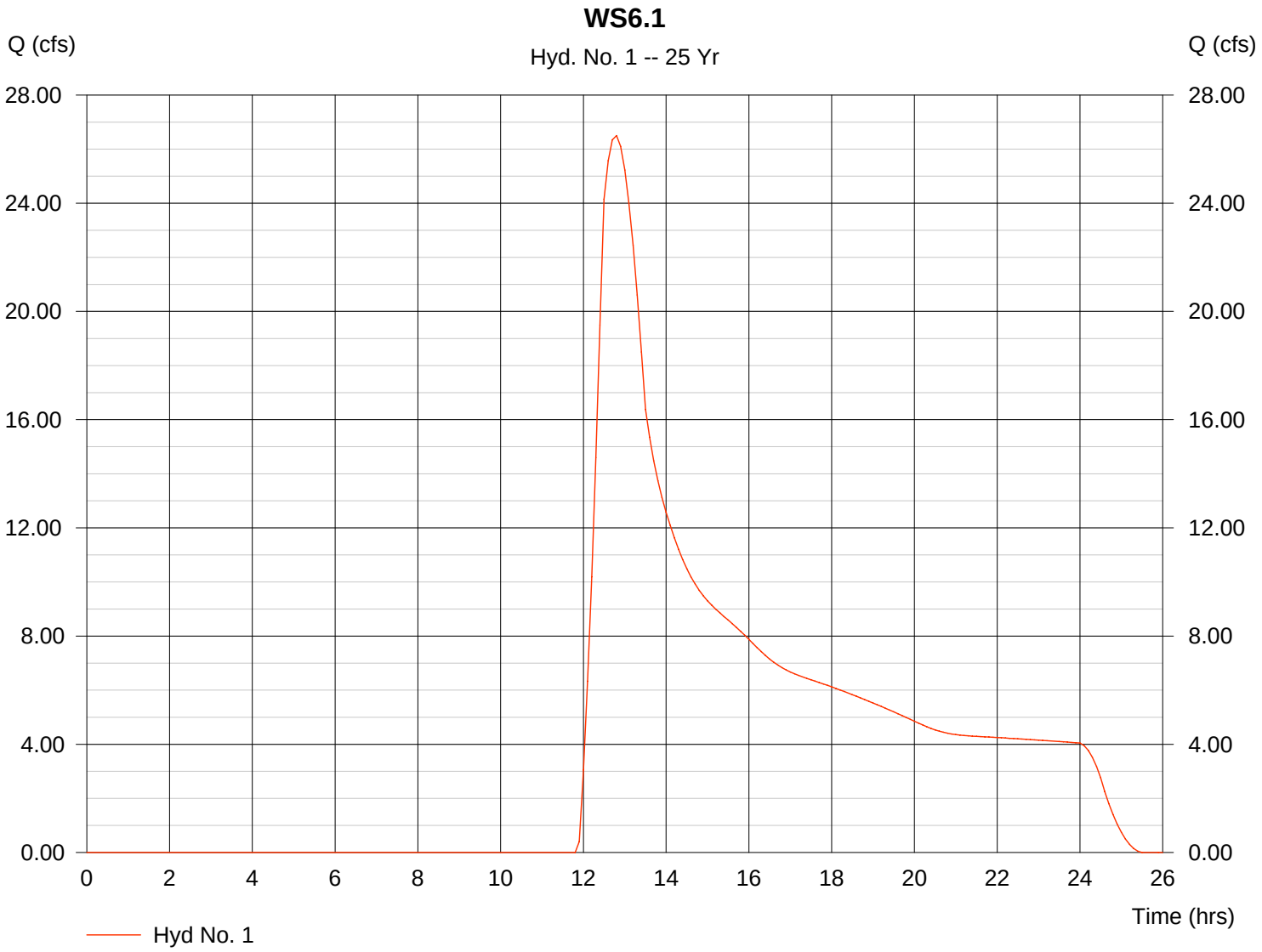
Wednesday, Nov 30 2005, 8:50 AM

Hyd. No. 1

WS6.1

Hydrograph type	= SCS Runoff	Peak discharge	= 26.50 cfs
Storm frequency	= 25 yrs	Time interval	= 6 min
Drainage area	= 499.000 ac	Curve number	= 65
Basin Slope	= 20.8 %	Hydraulic length	= 7930 ft
Tc method	= LAG	Time of conc. (Tc)	= 55.70 min
Total precip.	= 2.23 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 363,727 cuft



Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

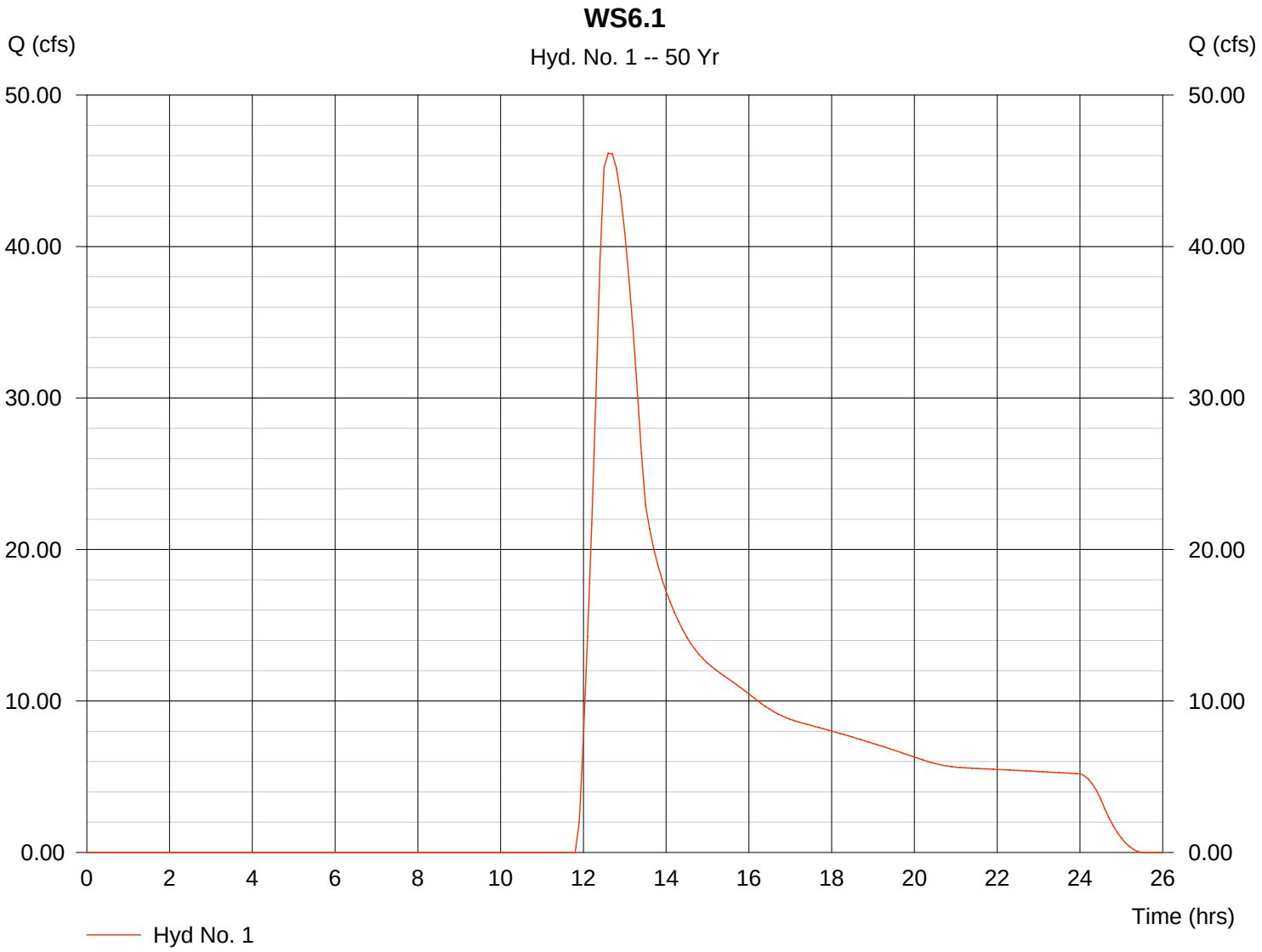
Wednesday, Nov 30 2005, 8:50 AM

Hyd. No. 1

WS6.1

Hydrograph type	= SCS Runoff	Peak discharge	= 46.16 cfs
Storm frequency	= 50 yrs	Time interval	= 6 min
Drainage area	= 499.000 ac	Curve number	= 65
Basin Slope	= 20.8 %	Hydraulic length	= 7930 ft
Tc method	= LAG	Time of conc. (Tc)	= 55.70 min
Total precip.	= 2.48 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 525,324 cuft



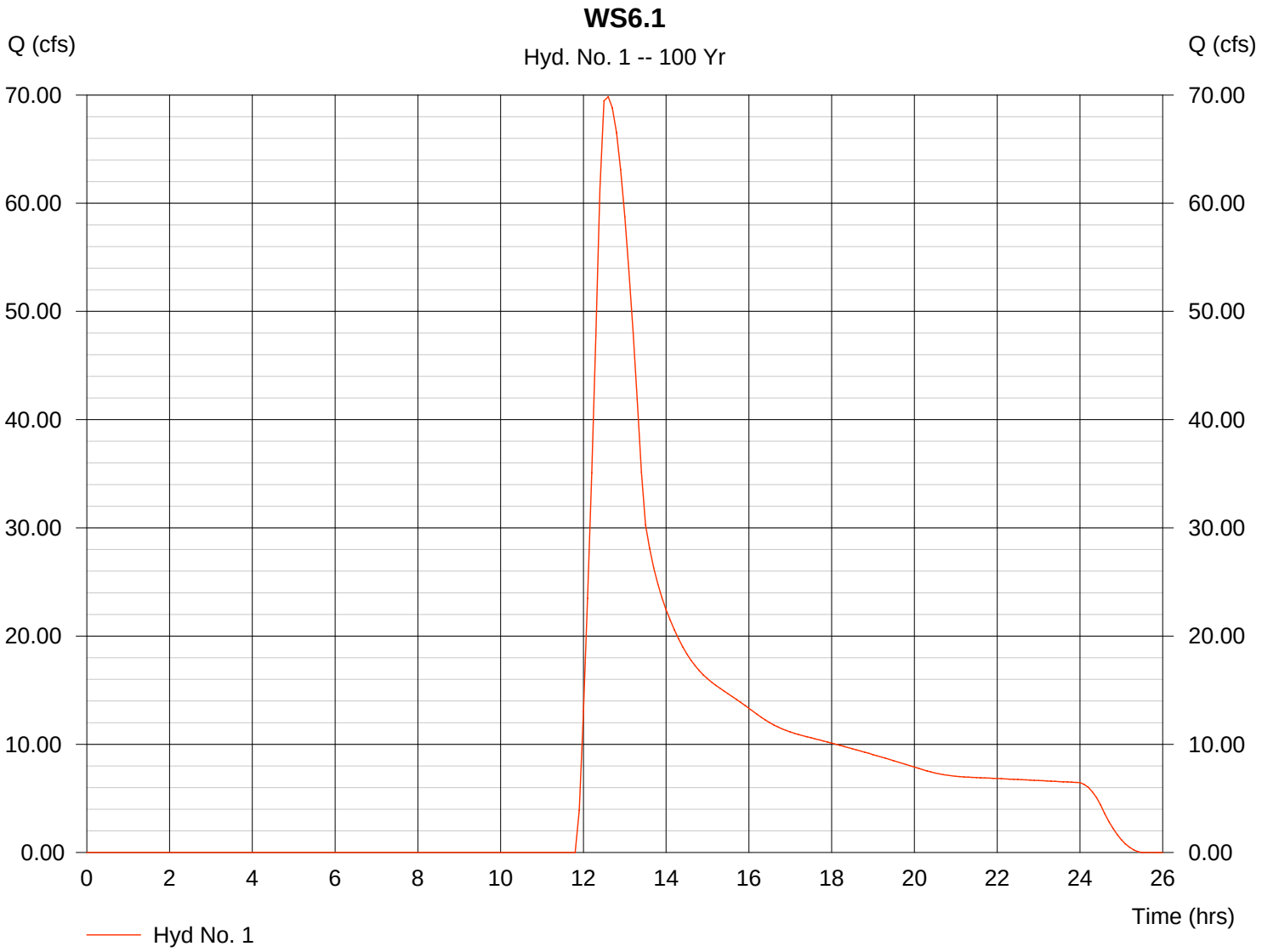
Hydrograph Plot

Hydraflow Hydrographs by Intelisolve

Wednesday, Nov 30 2005, 8:50 AM

Hyd. No. 1

WS6.1

Hydrograph type	= SCS Runoff	Peak discharge	= 69.84 cfs
Storm frequency	= 100 yrs	Time interval	= 6 min
Drainage area	= 499.000 ac	Curve number	= 65
Basin Slope	= 20.8 %	Hydraulic length	= 7930 ft
Tc method	= LAG	Time of conc. (Tc)	= 55.70 min
Total precip.	= 2.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Volume = 707,339 cuft