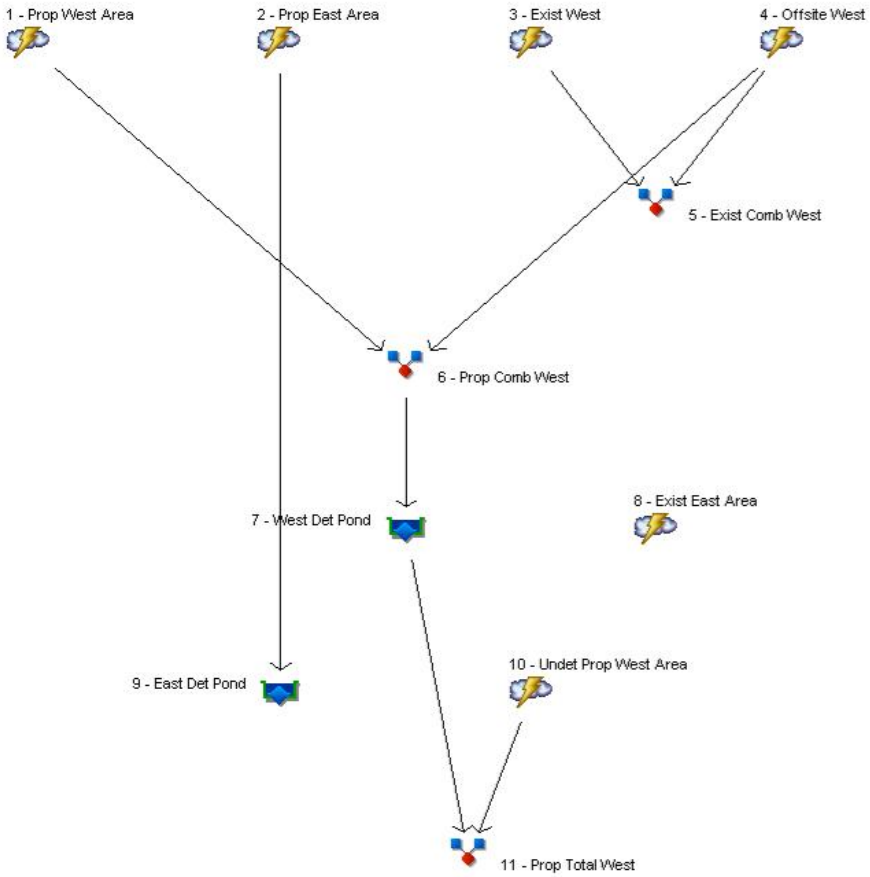
Watershed Model Schematic



Legend

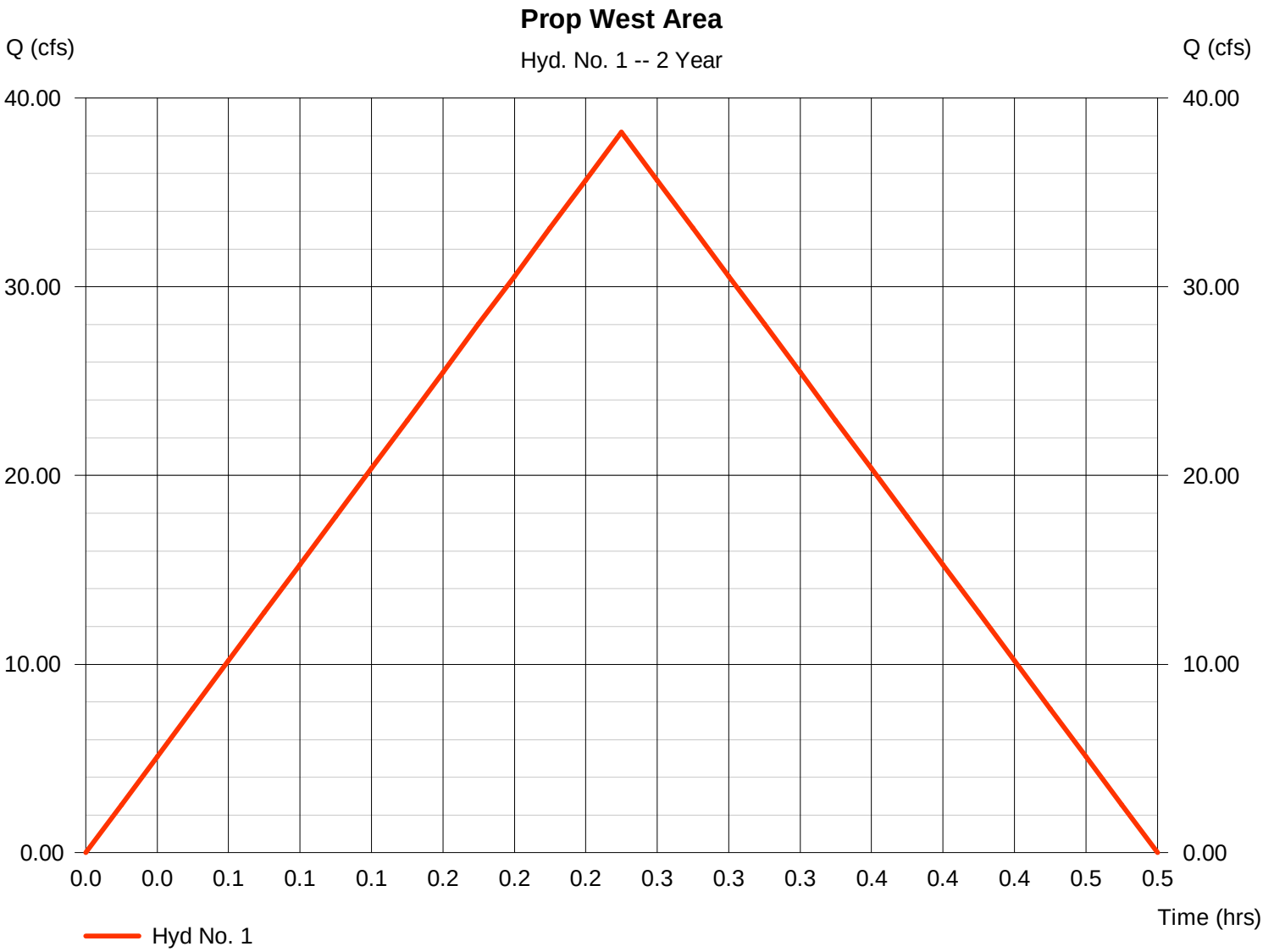
Hyd.	Origin	Description
1	Rational	Prop West Area
2	Rational	Prop East Area
3	Rational	Exist West
4	Rational	Offsite West
5	Combine	Exist Comb West
6	Combine	Prop Comb West
7	Reservoir	West Det Pond
8	Rational	Exist East Area
9	Reservoir	East Det Pond
10	Rational	Undet Prop West Area
11	Combine	Prop Total West

Hydrograph Report

Hyd. No. 1

Prop West Area

Hydrograph type	=	Rational	Peak discharge	=	38.19 cfs
Storm frequency	=	2 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.789 acft
Drainage area	=	14.000 ac	Runoff coeff.	=	0.7
Intensity	=	3.897 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

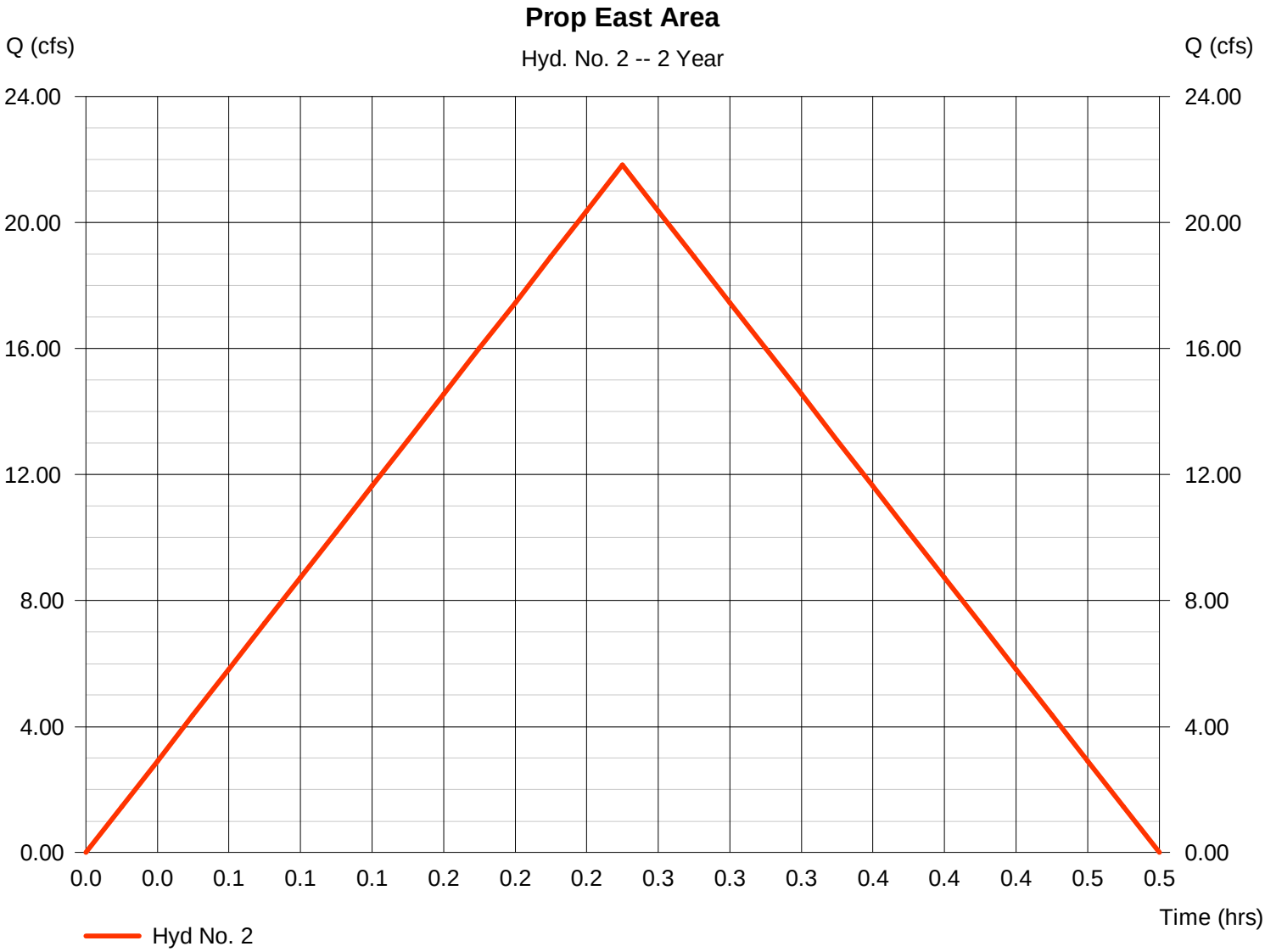


Hydrograph Report

Hyd. No. 2

Prop East Area

Hydrograph type	=	Rational	Peak discharge	=	21.83 cfs
Storm frequency	=	2 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.451 acft
Drainage area	=	8.000 ac	Runoff coeff.	=	0.7
Intensity	=	3.897 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

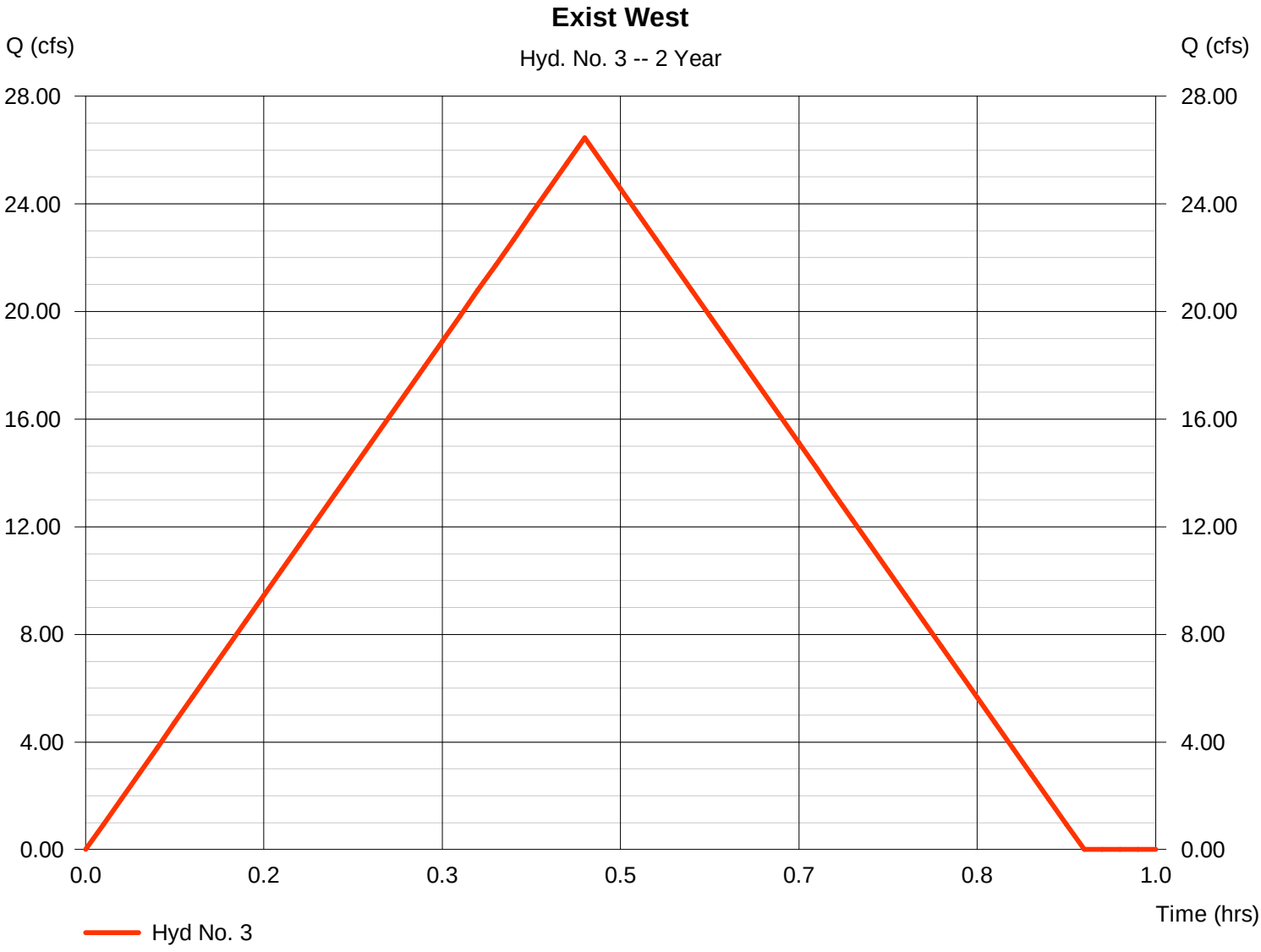


Hydrograph Report

Hyd. No. 3

Exist West

Hydrograph type	=	Rational	Peak discharge	=	26.45 cfs
Storm frequency	=	2 yrs	Time to peak	=	0.47 hrs
Time interval	=	1 min	Hyd. volume	=	1.020 acft
Drainage area	=	17.800 ac	Runoff coeff.	=	0.53
Intensity	=	2.803 in/hr	Tc by TR55	=	28.25 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

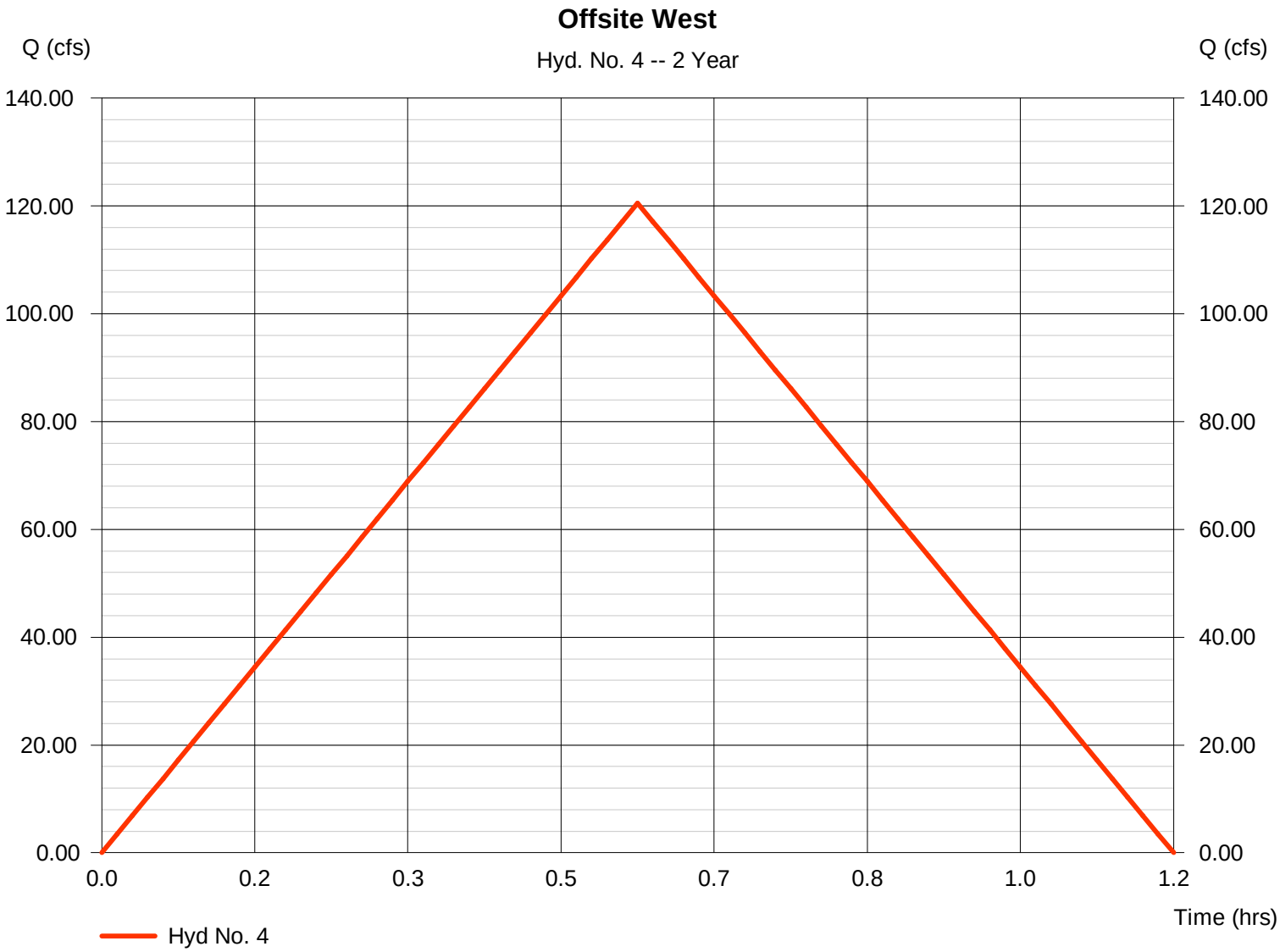


Hydrograph Report

Hyd. No. 4

Offsite West

Hydrograph type	=	Rational	Peak discharge	=	120.54 cfs
Storm frequency	=	2 yrs	Time to peak	=	0.58 hrs
Time interval	=	1 min	Hyd. volume	=	5.811 acft
Drainage area	=	93.000 ac	Runoff coeff.	=	0.53
Intensity	=	2.446 in/hr	Tc by TR55	=	35.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

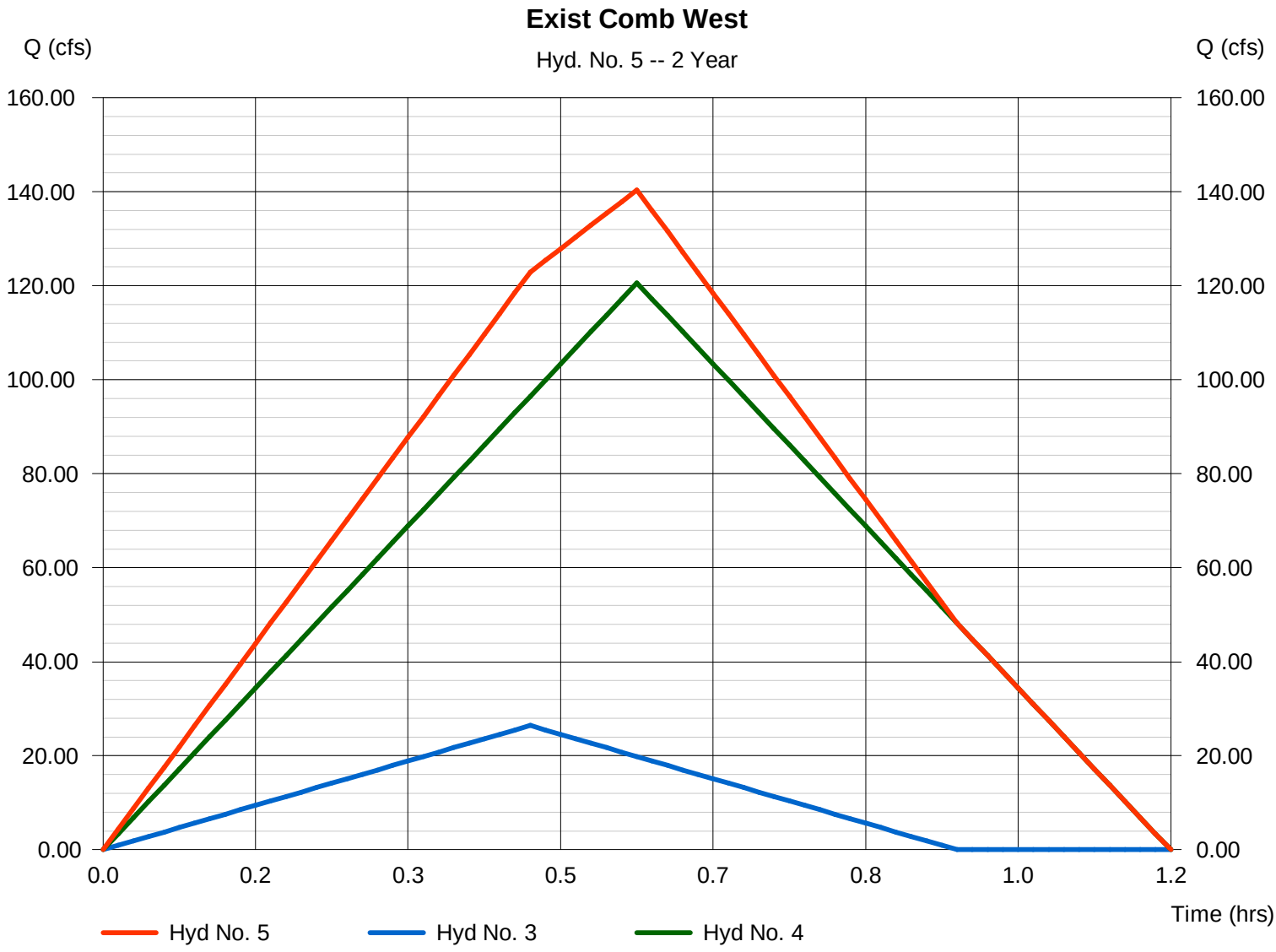


Hydrograph Report

Hyd. No. 5

Exist Comb West

Hydrograph type	= Combine	Peak discharge	= 140.38 cfs
Storm frequency	= 2 yrs	Time to peak	= 0.58 hrs
Time interval	= 1 min	Hyd. volume	= 6.831 acft
Inflow hyds.	= 3, 4	Contrib. drain. area	= 110.800 ac

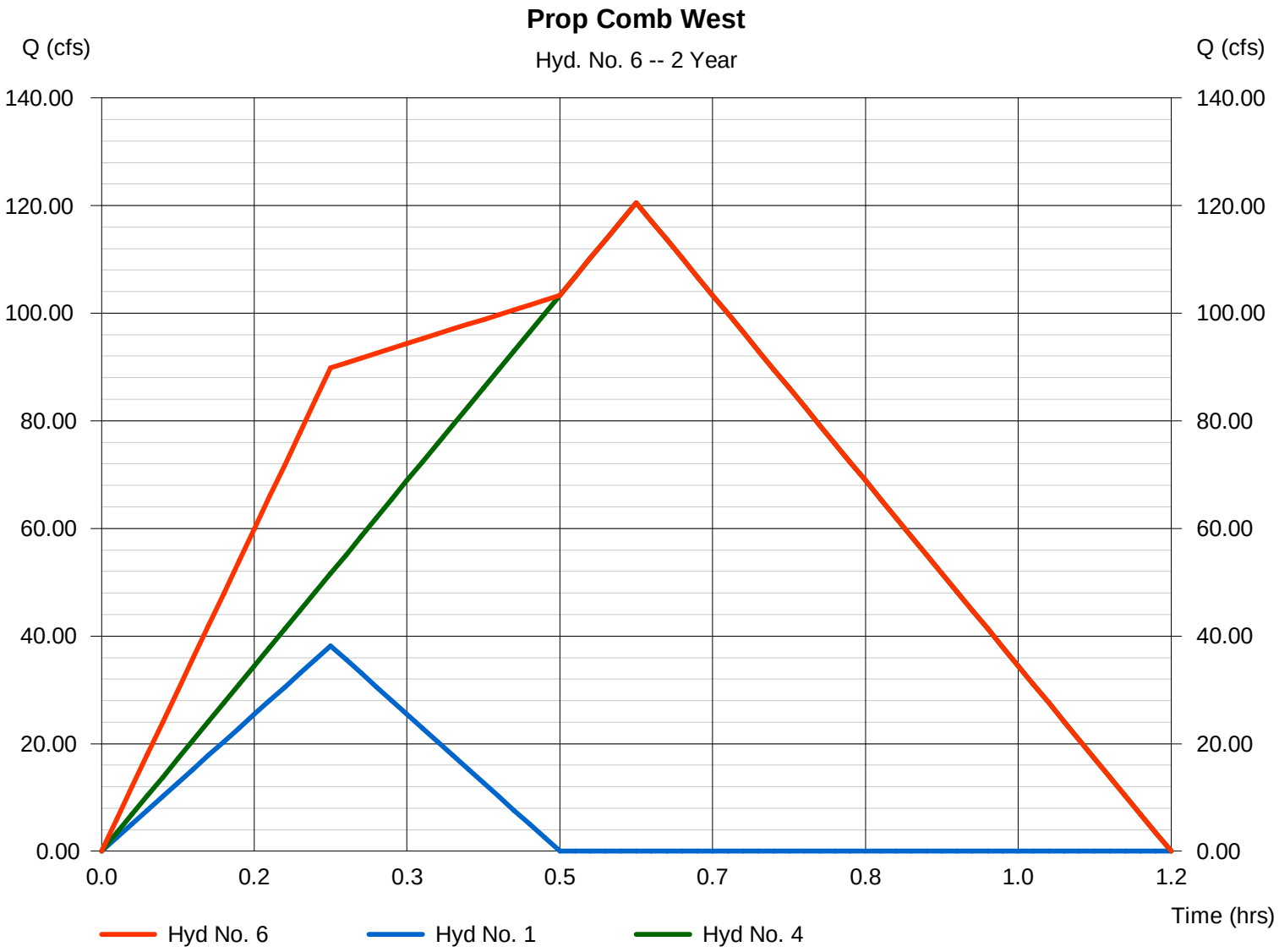


Hydrograph Report

Hyd. No. 6

Prop Comb West

Hydrograph type	= Combine	Peak discharge	= 120.54 cfs
Storm frequency	= 2 yrs	Time to peak	= 0.58 hrs
Time interval	= 1 min	Hyd. volume	= 6.600 acft
Inflow hyds.	= 1, 4	Contrib. drain. area	= 107.000 ac



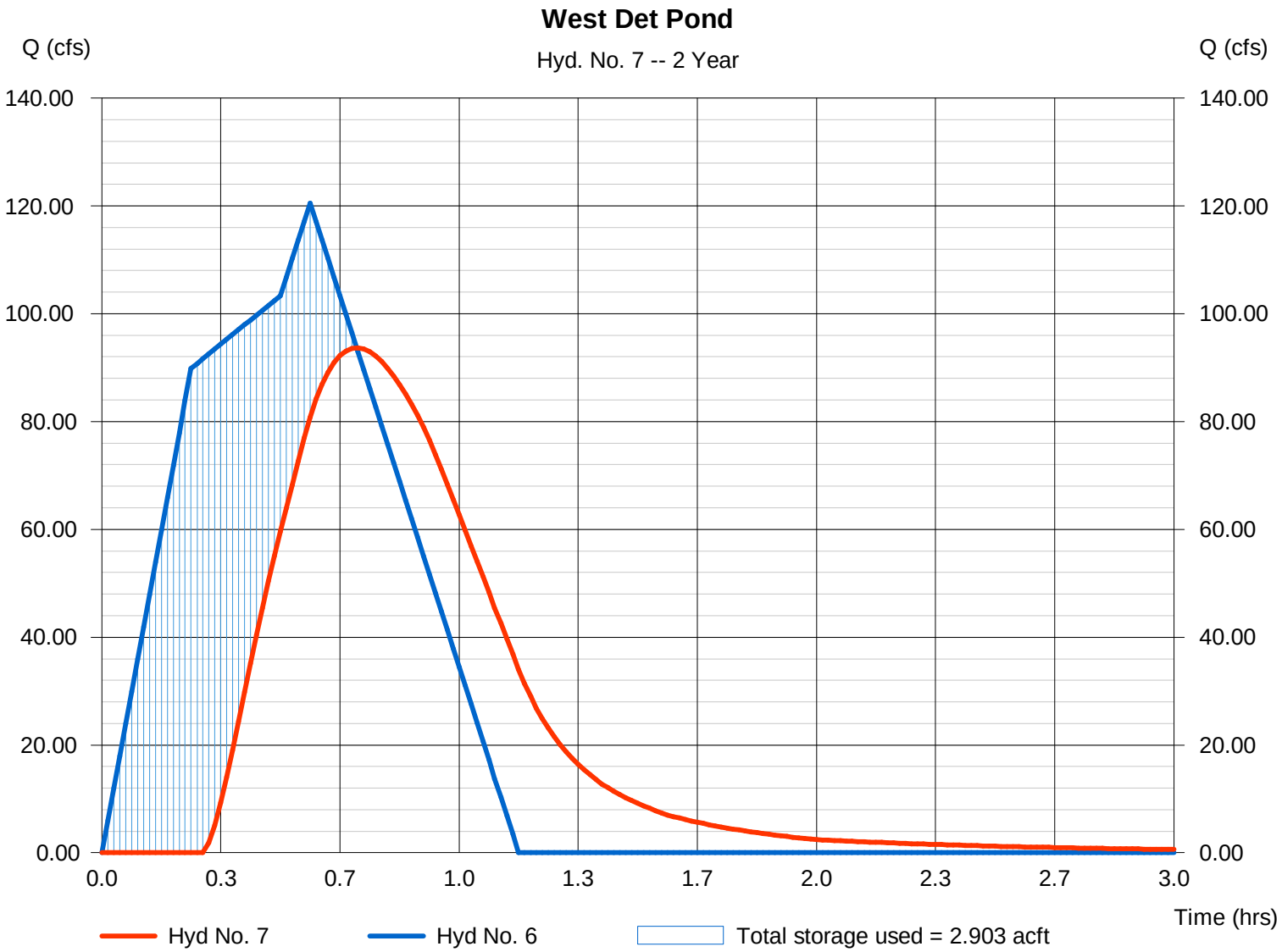
Hydrograph Report

Hyd. No. 7

West Det Pond

Hydrograph type	=	Reservoir	Peak discharge	=	93.68 cfs
Storm frequency	=	2 yrs	Time to peak	=	0.72 hrs
Time interval	=	1 min	Hyd. volume	=	5.409 acft
Inflow hyd. No.	=	6 - Prop Comb West	Max. Elevation	=	1346.13 ft
Reservoir name	=	West Pond	Max. Storage	=	2.903 acft

Storage Indication method used.

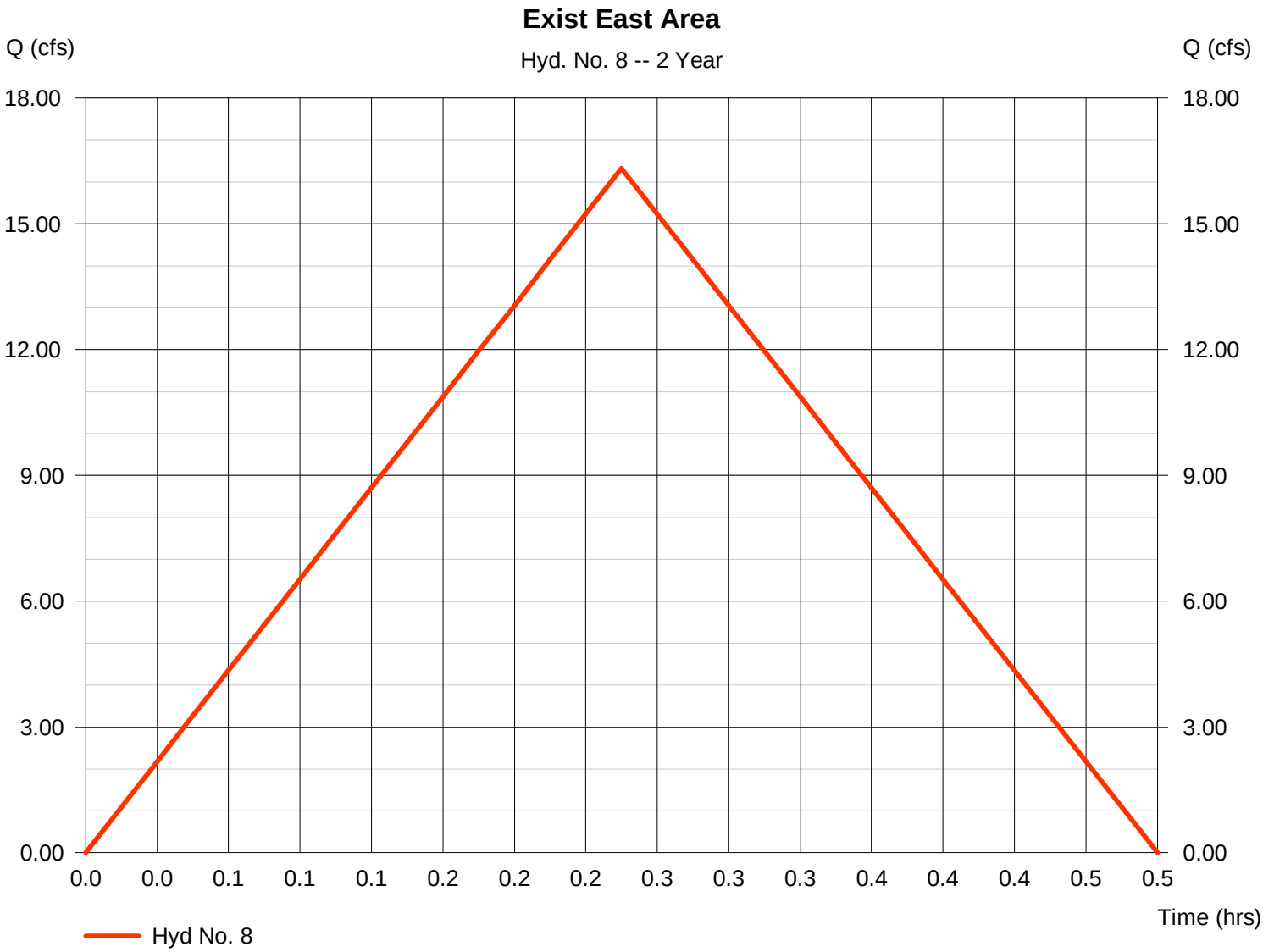


Hydrograph Report

Hyd. No. 8

Exist East Area

Hydrograph type	=	Rational	Peak discharge	=	16.32 cfs
Storm frequency	=	2 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.337 acft
Drainage area	=	7.900 ac	Runoff coeff.	=	0.53
Intensity	=	3.897 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1



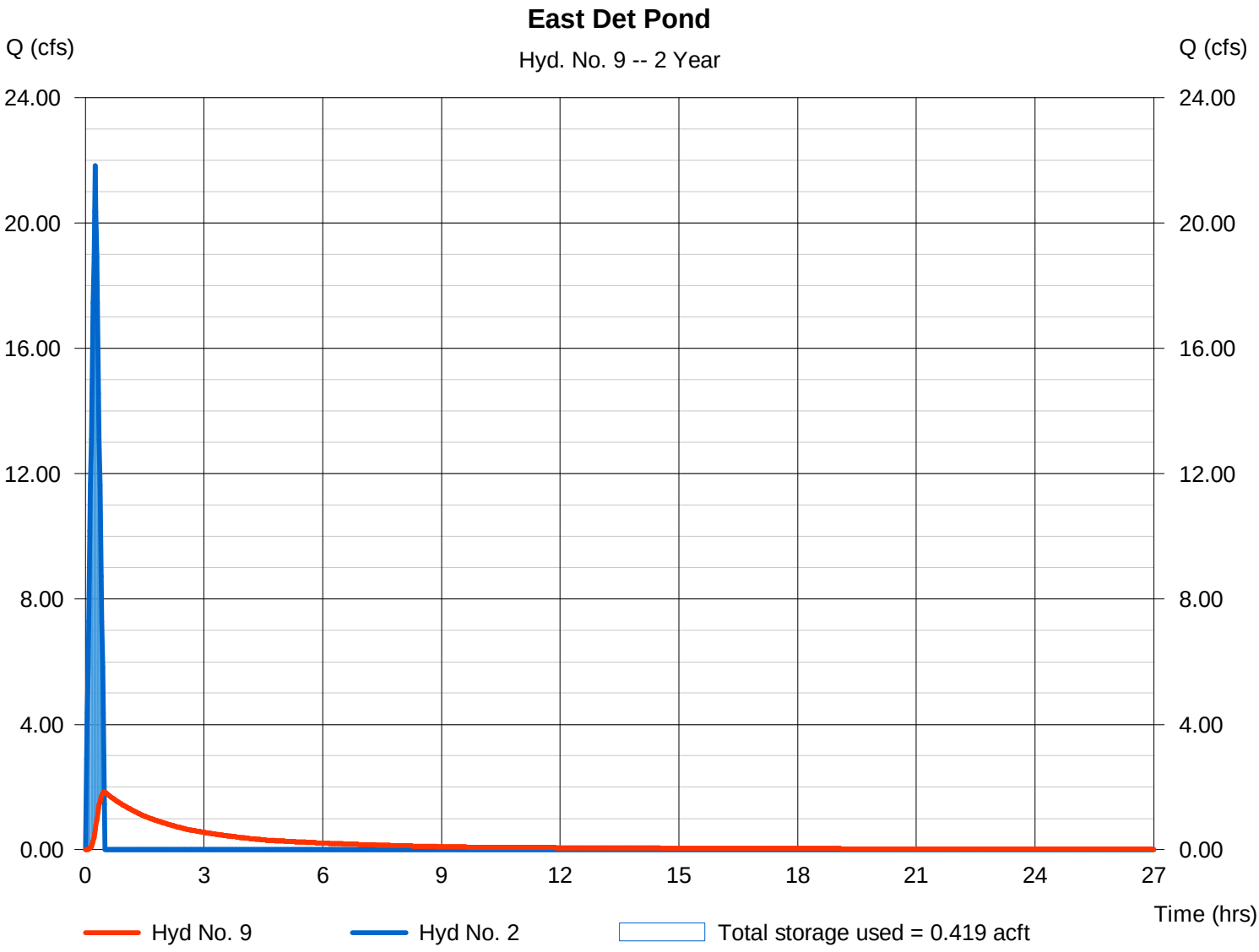
Hydrograph Report

Hyd. No. 9

East Det Pond

Hydrograph type	=	Reservoir	Peak discharge	=	1.846 cfs
Storm frequency	=	2 yrs	Time to peak	=	0.48 hrs
Time interval	=	1 min	Hyd. volume	=	0.448 acft
Inflow hyd. No.	=	2 - Prop East Area	Max. Elevation	=	1343.47 ft
Reservoir name	=	NE Pond	Max. Storage	=	0.419 acft

Storage Indication method used.

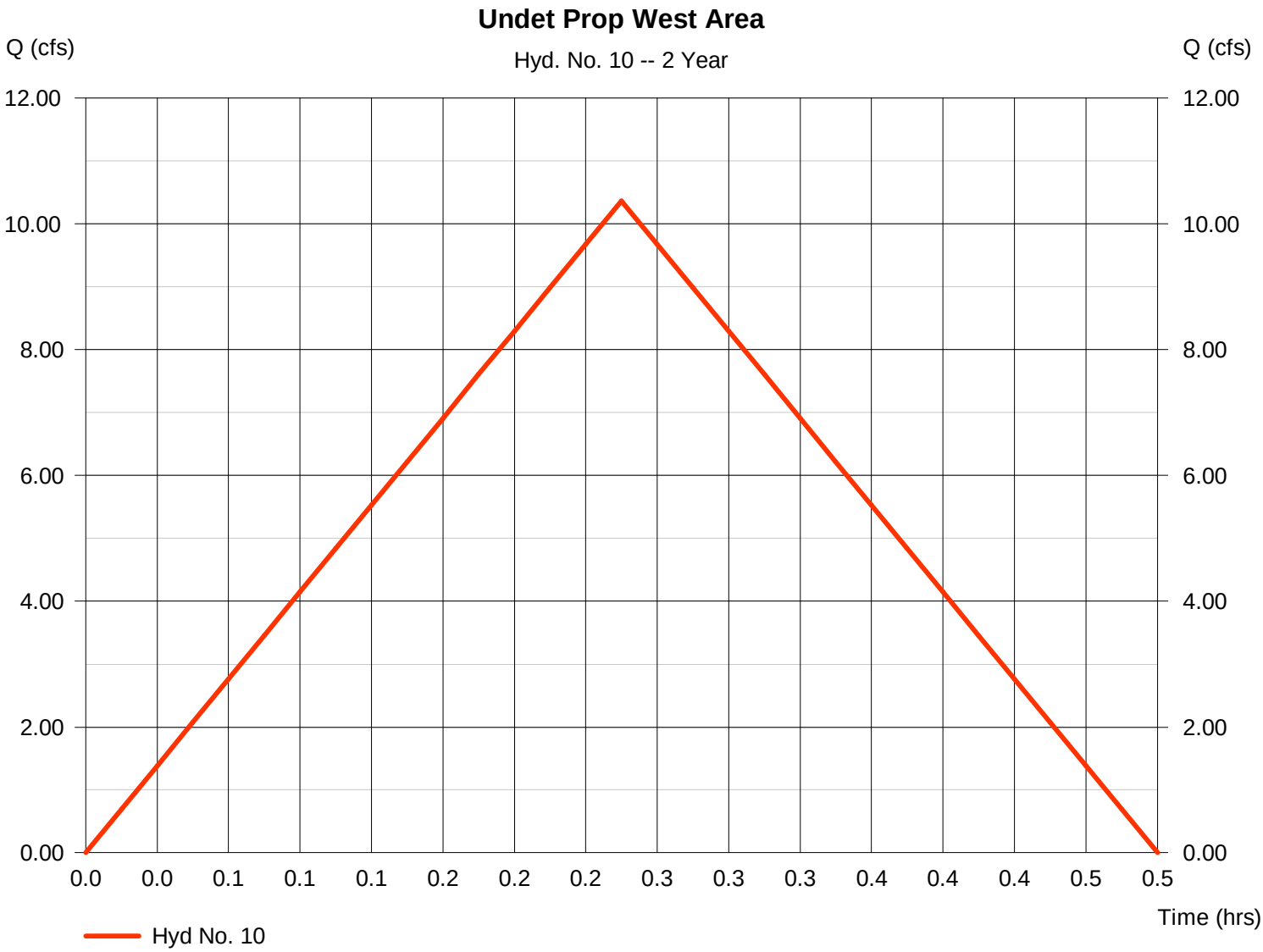


Hydrograph Report

Hyd. No. 10

Undet Prop West Area

Hydrograph type	= Rational	Peak discharge	= 10.37 cfs
Storm frequency	= 2 yrs	Time to peak	= 0.25 hrs
Time interval	= 1 min	Hyd. volume	= 0.214 acft
Drainage area	= 3.800 ac	Runoff coeff.	= 0.7
Intensity	= 3.897 in/hr	Tc by User	= 15.00 min
IDF Curve	= wich15min.IDF	Asc/Rec limb fact	= 1/1

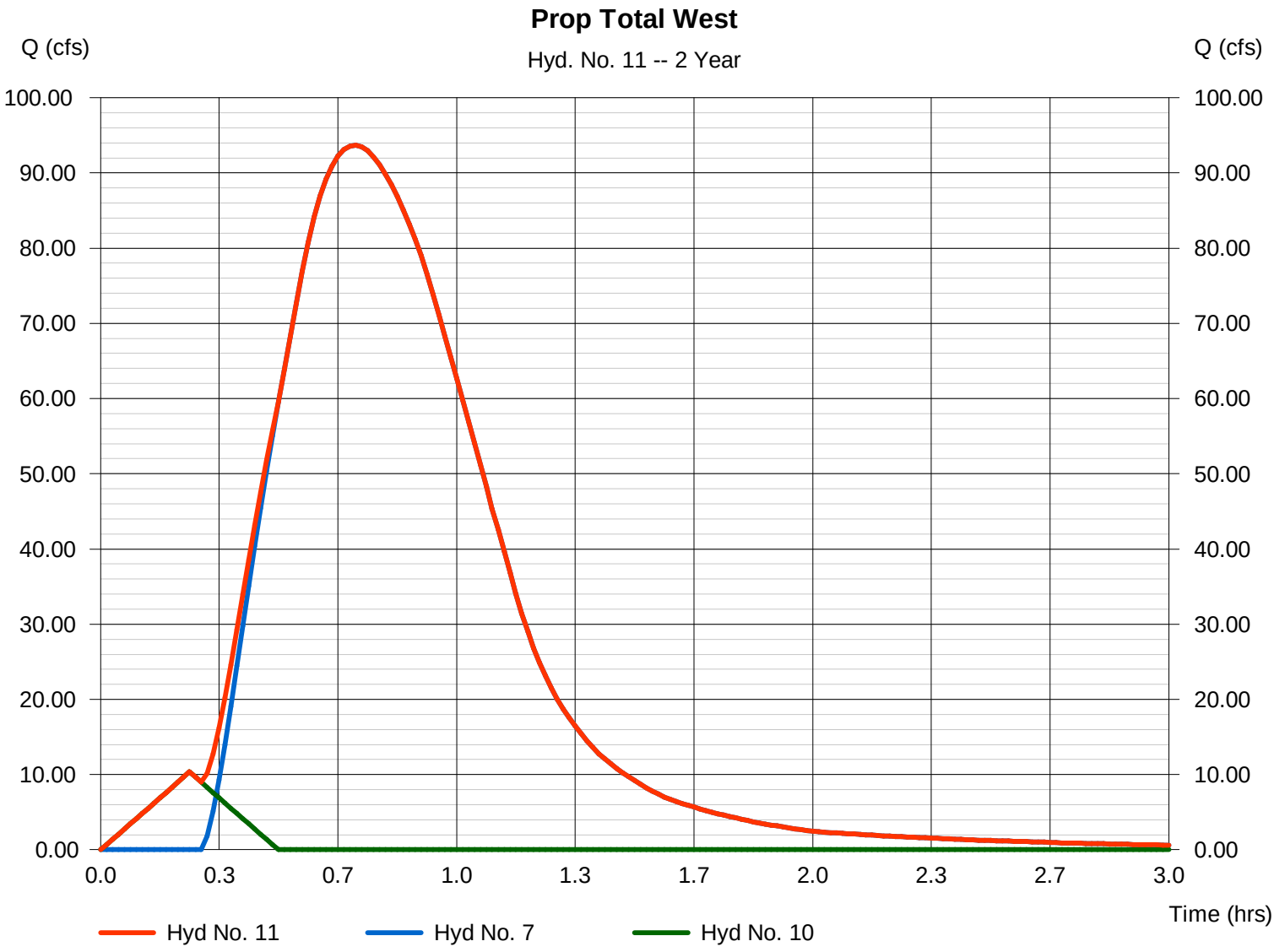


Hydrograph Report

Hyd. No. 11

Prop Total West

Hydrograph type	= Combine	Peak discharge	= 93.68 cfs
Storm frequency	= 2 yrs	Time to peak	= 0.72 hrs
Time interval	= 1 min	Hyd. volume	= 5.623 acft
Inflow hyds.	= 7, 10	Contrib. drain. area	= 3.800 ac

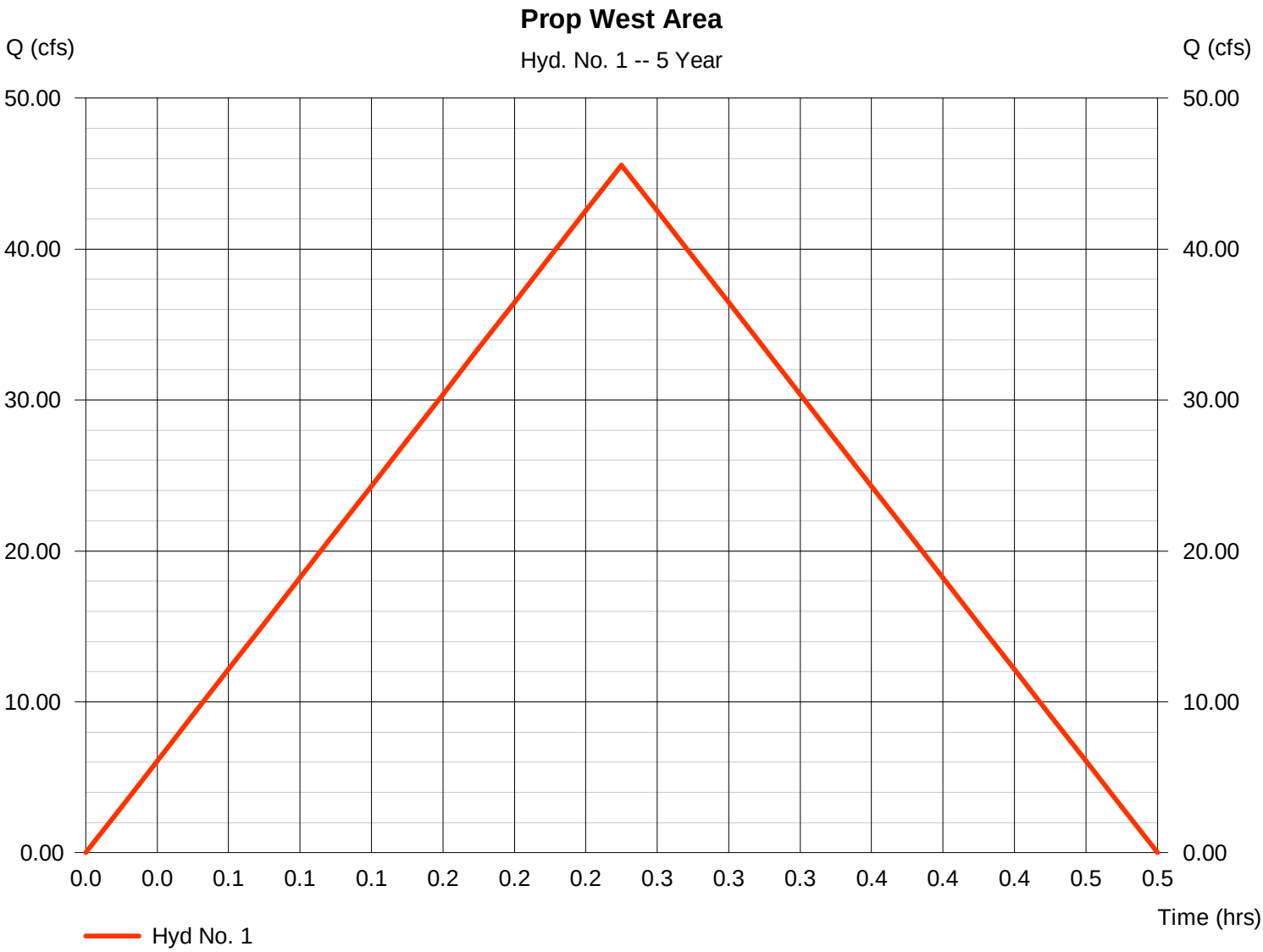


Hydrograph Report

Hyd. No. 1

Prop West Area

Hydrograph type	= Rational	Peak discharge	= 45.57 cfs
Storm frequency	= 5 yrs	Time to peak	= 0.25 hrs
Time interval	= 1 min	Hyd. volume	= 0.941 acft
Drainage area	= 14.000 ac	Runoff coeff.	= 0.7
Intensity	= 4.650 in/hr	Tc by User	= 15.00 min
IDF Curve	= wich15min.IDF	Asc/Rec limb fact	= 1/1

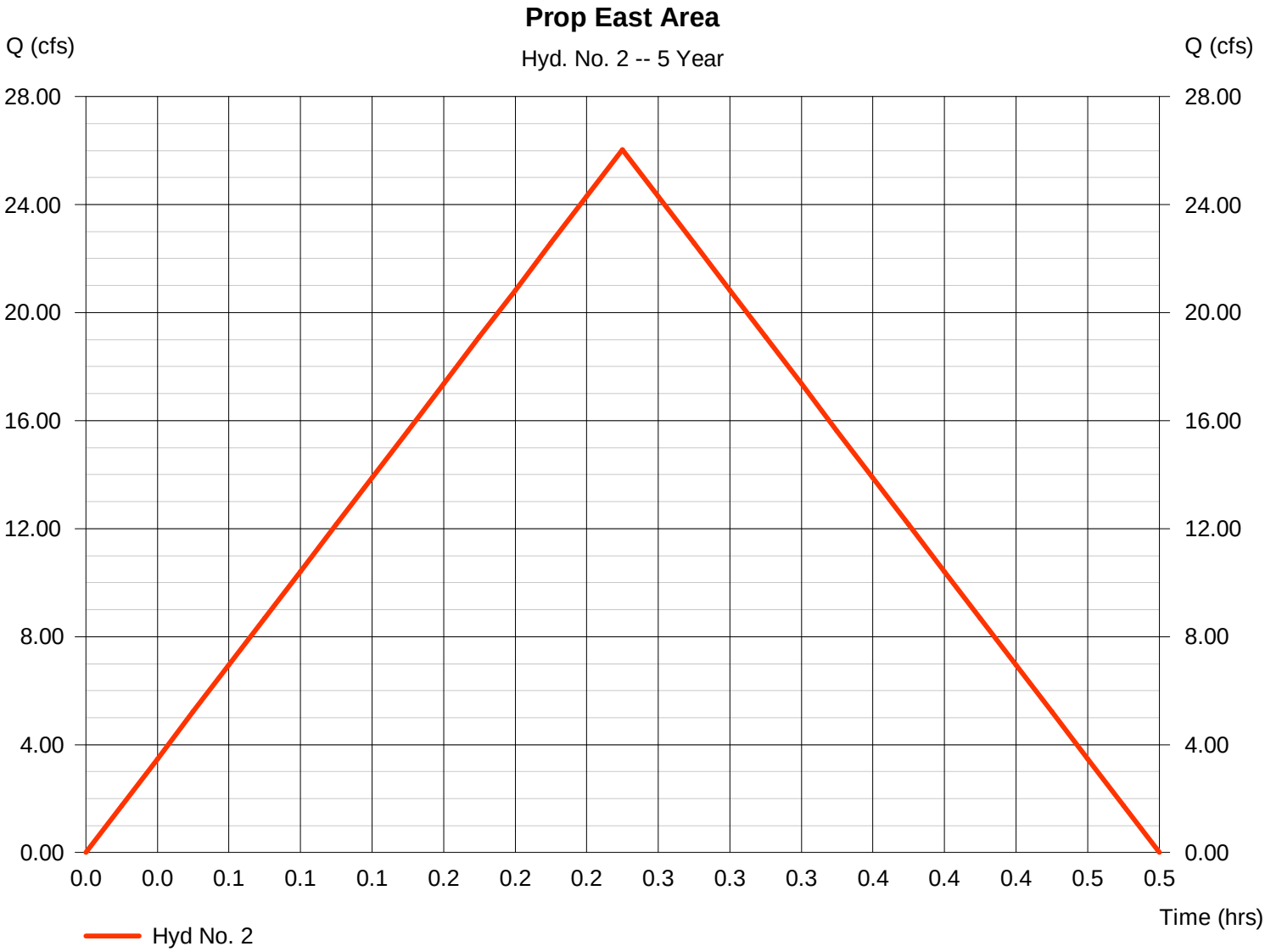


Hydrograph Report

Hyd. No. 2

Prop East Area

Hydrograph type	=	Rational	Peak discharge	=	26.04 cfs
Storm frequency	=	5 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.538 acft
Drainage area	=	8.000 ac	Runoff coeff.	=	0.7
Intensity	=	4.650 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

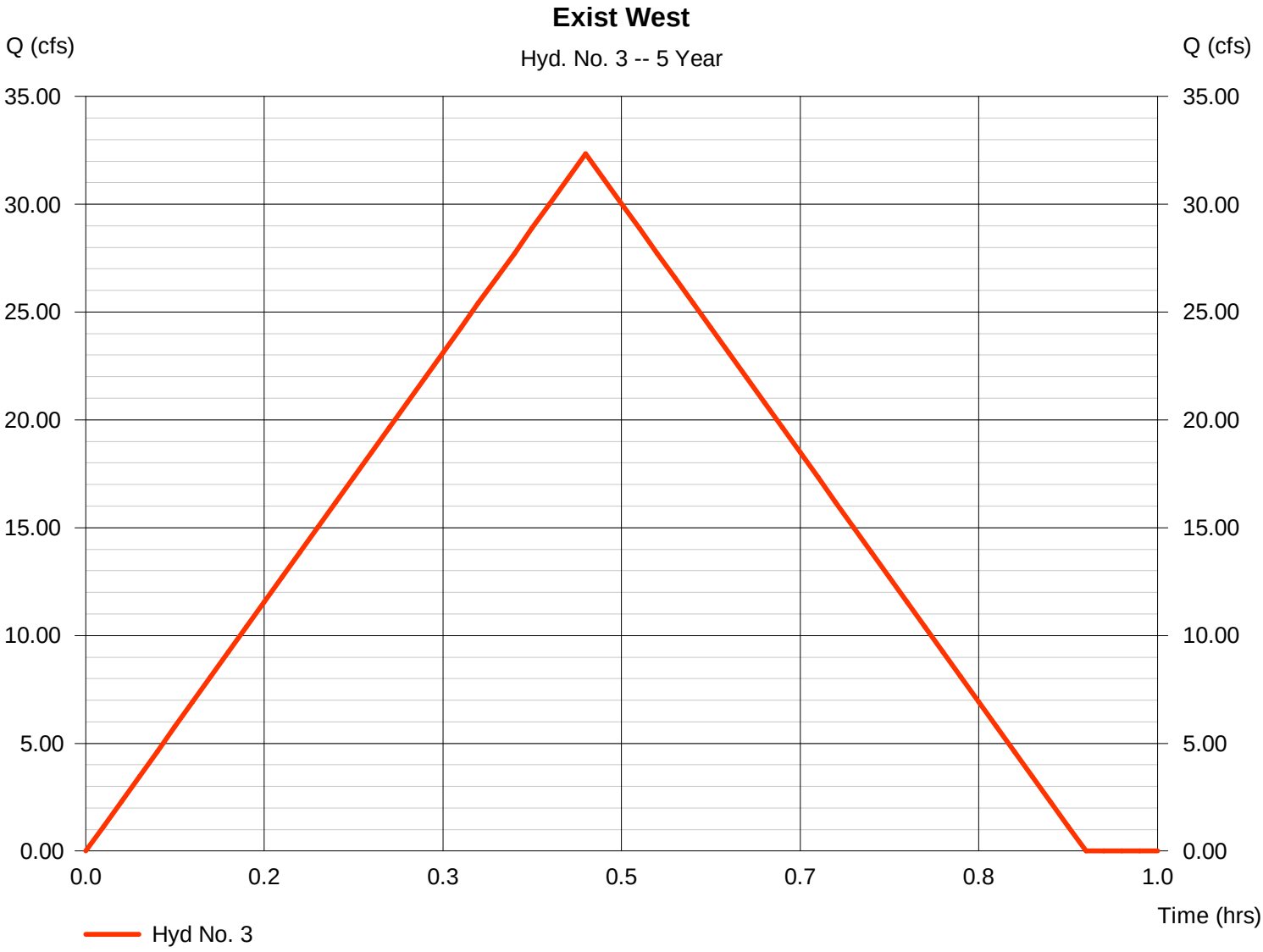


Hydrograph Report

Hyd. No. 3

Exist West

Hydrograph type	=	Rational	Peak discharge	=	32.35 cfs
Storm frequency	=	5 yrs	Time to peak	=	0.47 hrs
Time interval	=	1 min	Hyd. volume	=	1.248 acft
Drainage area	=	17.800 ac	Runoff coeff.	=	0.53
Intensity	=	3.429 in/hr	Tc by TR55	=	28.25 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

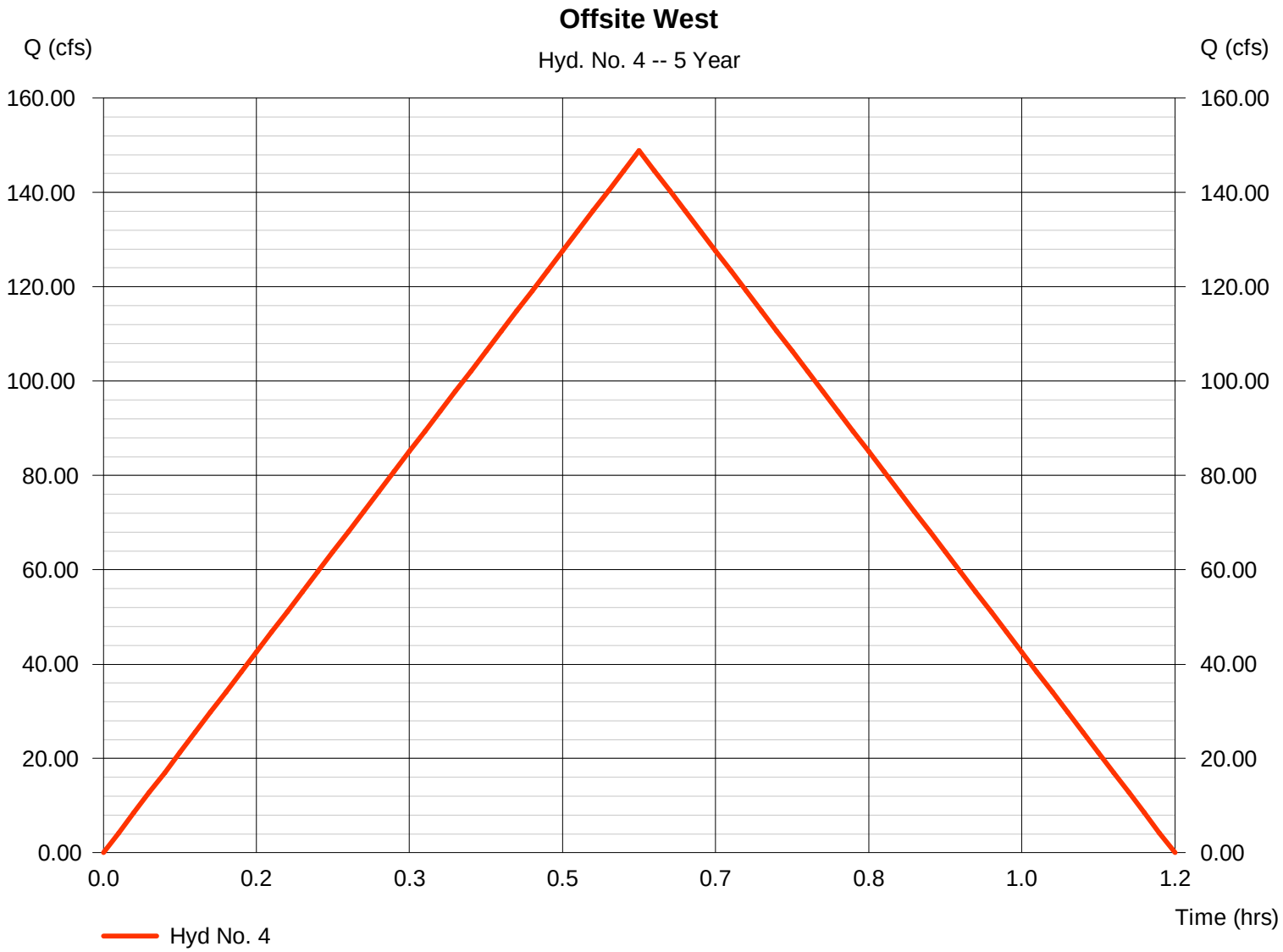


Hydrograph Report

Hyd. No. 4

Offsite West

Hydrograph type	=	Rational	Peak discharge	=	148.86 cfs
Storm frequency	=	5 yrs	Time to peak	=	0.58 hrs
Time interval	=	1 min	Hyd. volume	=	7.176 acft
Drainage area	=	93.000 ac	Runoff coeff.	=	0.53
Intensity	=	3.020 in/hr	Tc by TR55	=	35.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

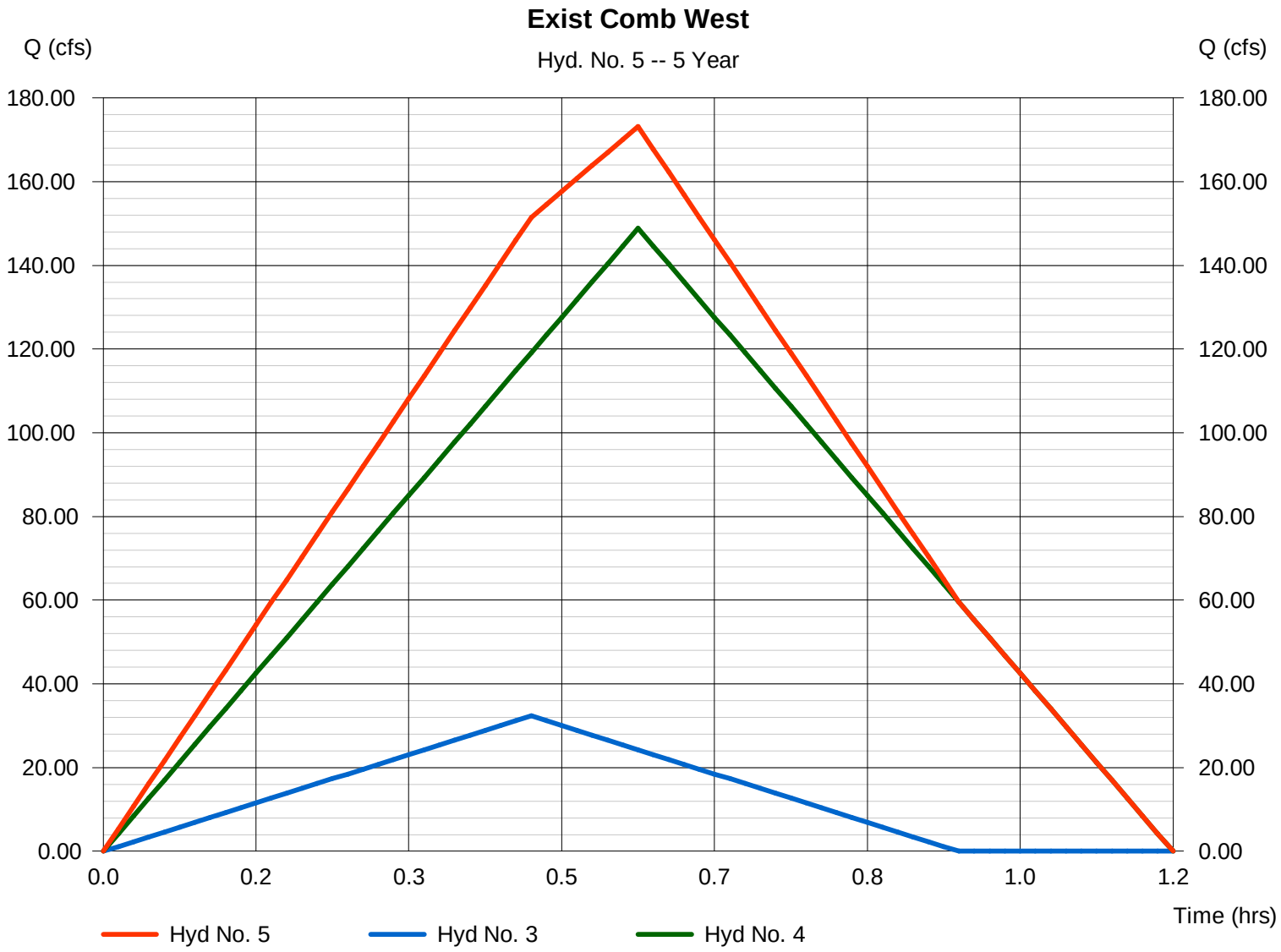


Hydrograph Report

Hyd. No. 5

Exist Comb West

Hydrograph type	= Combine	Peak discharge	= 173.12 cfs
Storm frequency	= 5 yrs	Time to peak	= 0.58 hrs
Time interval	= 1 min	Hyd. volume	= 8.424 acft
Inflow hyds.	= 3, 4	Contrib. drain. area	= 110.800 ac

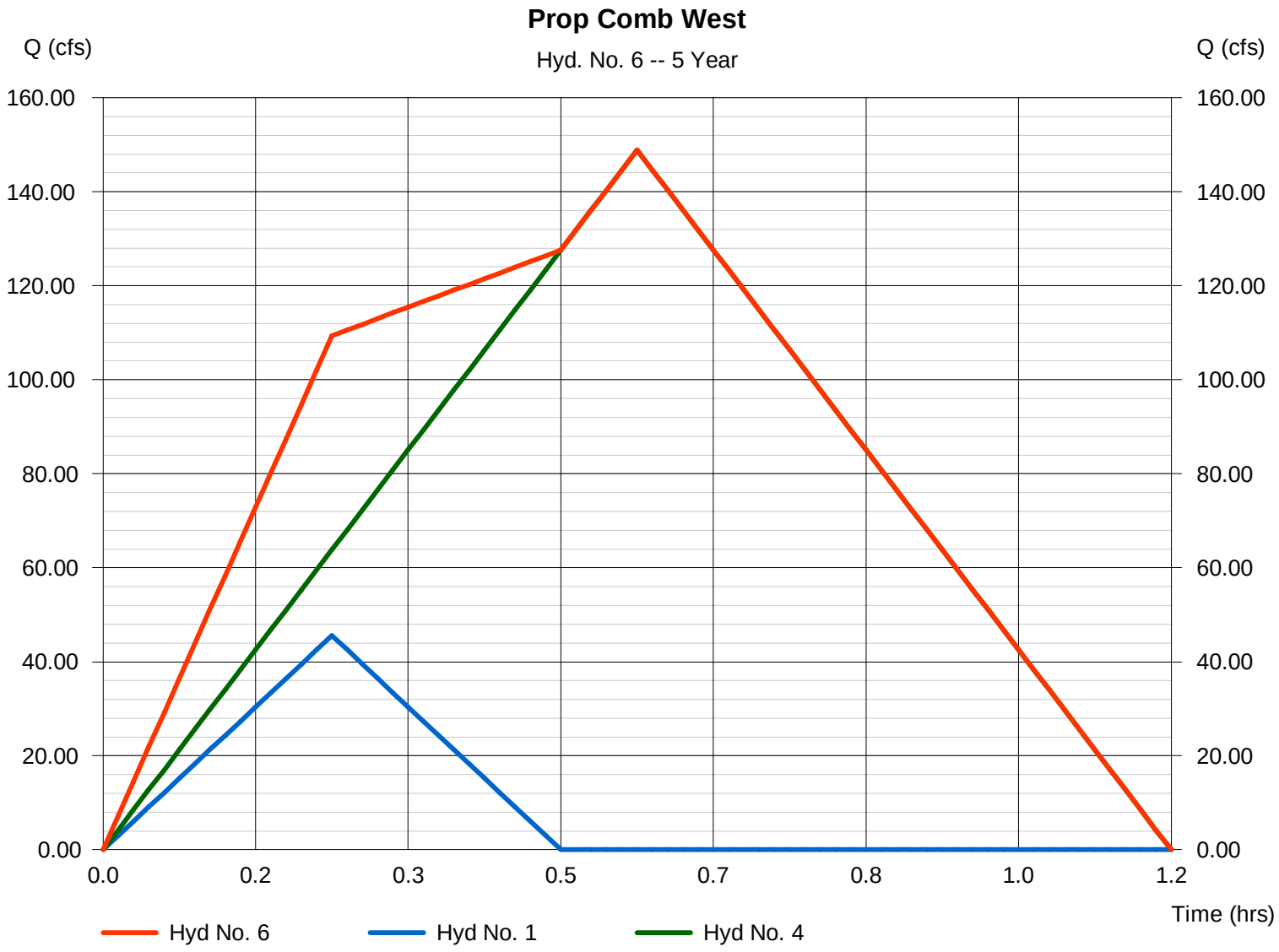


Hydrograph Report

Hyd. No. 6

Prop Comb West

Hydrograph type	= Combine	Peak discharge	= 148.86 cfs
Storm frequency	= 5 yrs	Time to peak	= 0.58 hrs
Time interval	= 1 min	Hyd. volume	= 8.118 acft
Inflow hyds.	= 1, 4	Contrib. drain. area	= 107.000 ac



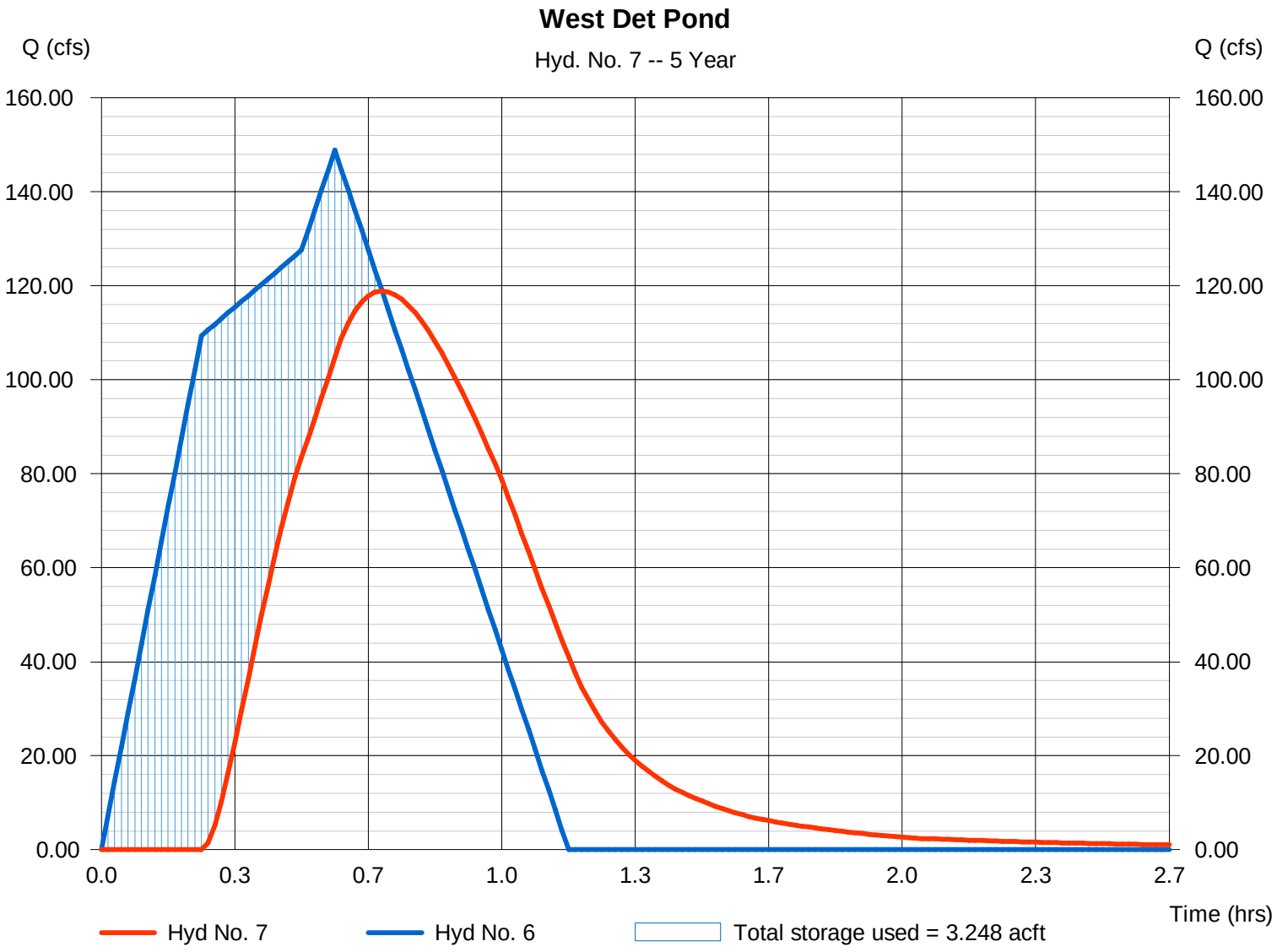
Hydrograph Report

Hyd. No. 7

West Det Pond

Hydrograph type	=	Reservoir	Peak discharge	=	118.87 cfs
Storm frequency	=	5 yrs	Time to peak	=	0.70 hrs
Time interval	=	1 min	Hyd. volume	=	6.926 acft
Inflow hyd. No.	=	6 - Prop Comb West	Max. Elevation	=	1346.32 ft
Reservoir name	=	West Pond	Max. Storage	=	3.248 acft

Storage Indication method used.

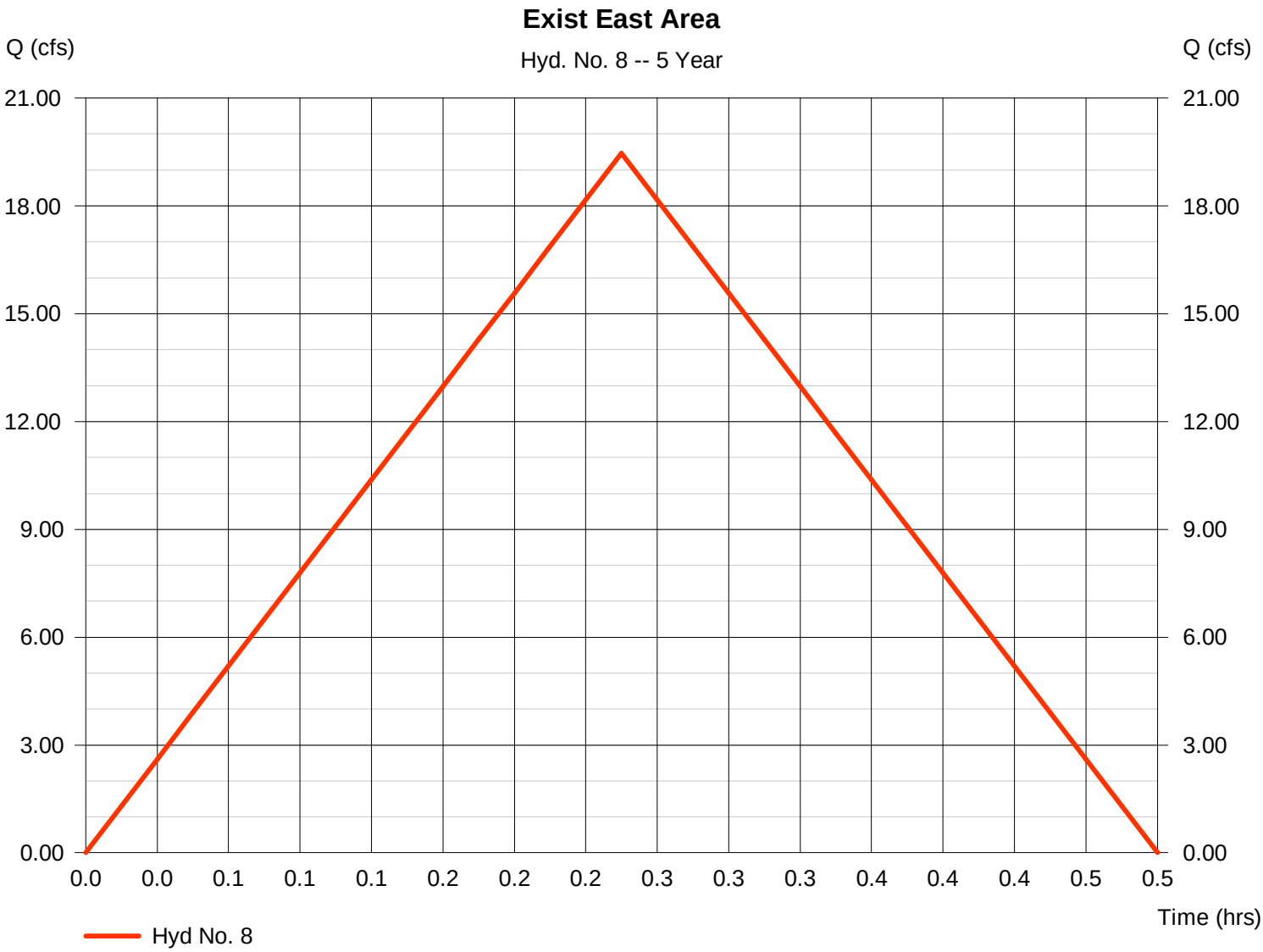


Hydrograph Report

Hyd. No. 8

Exist East Area

Hydrograph type	=	Rational	Peak discharge	=	19.47 cfs
Storm frequency	=	5 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.402 acft
Drainage area	=	7.900 ac	Runoff coeff.	=	0.53
Intensity	=	4.650 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1



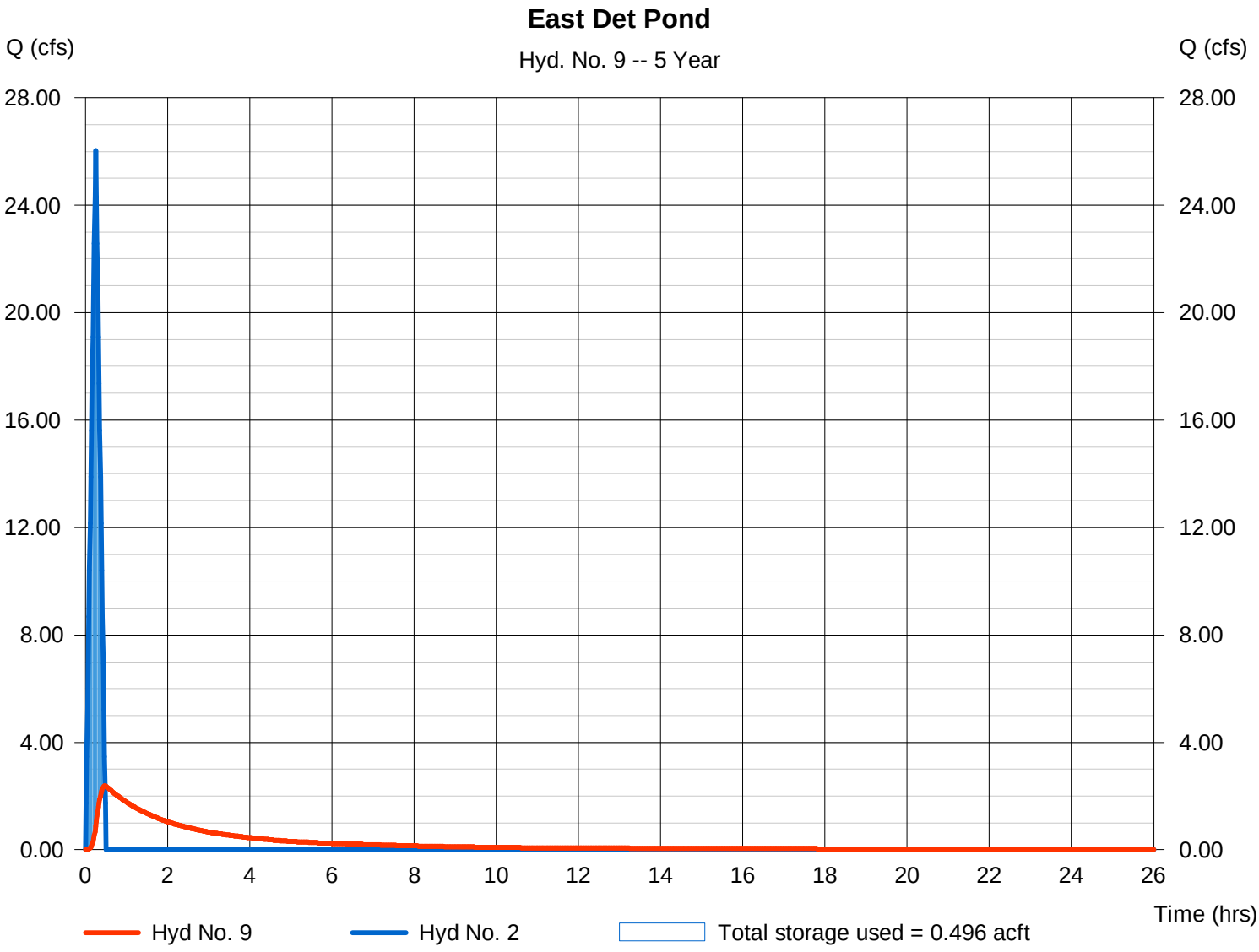
Hydrograph Report

Hyd. No. 9

East Det Pond

Hydrograph type	=	Reservoir	Peak discharge	=	2.388 cfs
Storm frequency	=	5 yrs	Time to peak	=	0.48 hrs
Time interval	=	1 min	Hyd. volume	=	0.535 acft
Inflow hyd. No.	=	2 - Prop East Area	Max. Elevation	=	1343.59 ft
Reservoir name	=	NE Pond	Max. Storage	=	0.496 acft

Storage Indication method used.

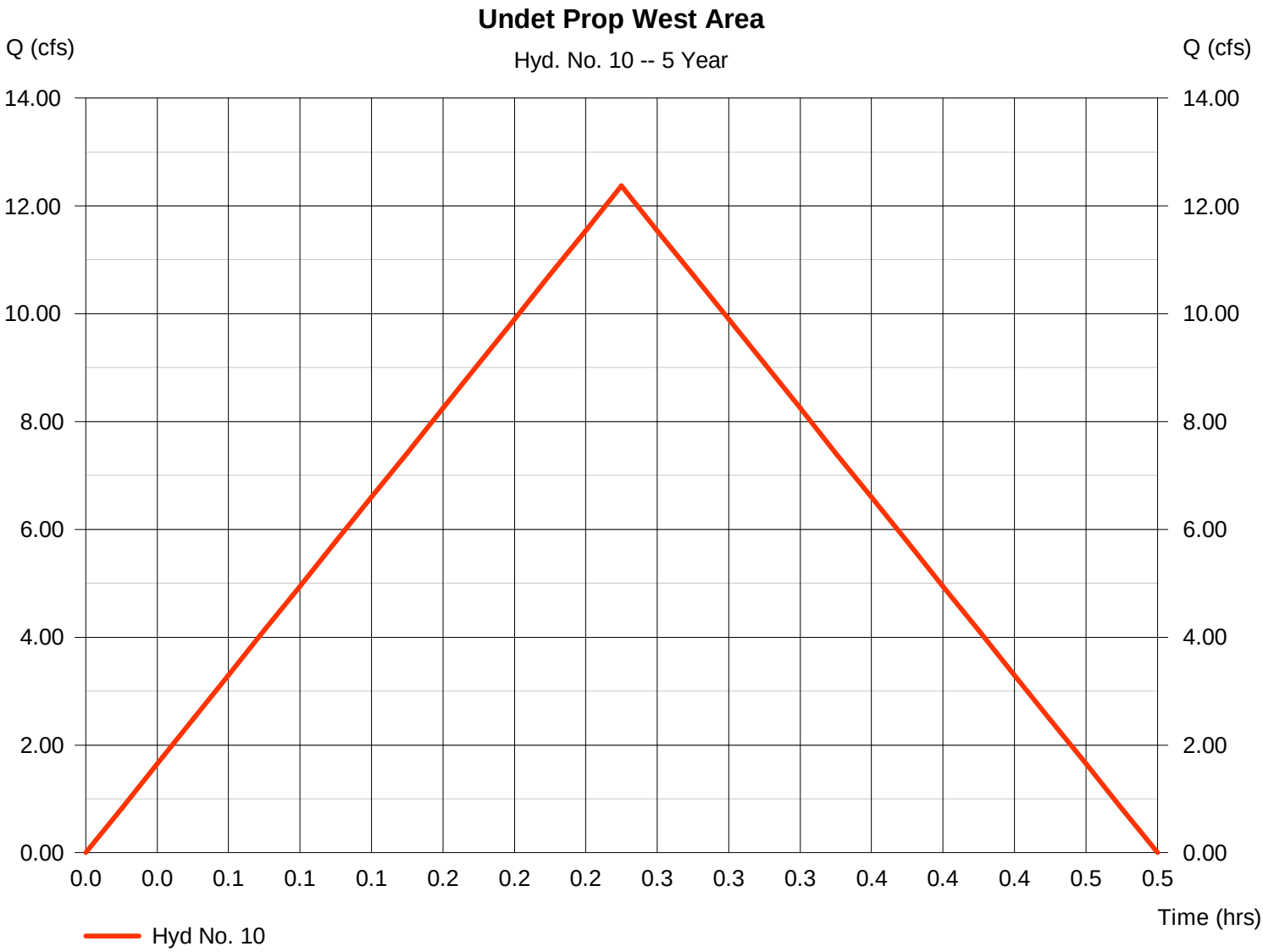


Hydrograph Report

Hyd. No. 10

Undet Prop West Area

Hydrograph type	= Rational	Peak discharge	= 12.37 cfs
Storm frequency	= 5 yrs	Time to peak	= 0.25 hrs
Time interval	= 1 min	Hyd. volume	= 0.256 acft
Drainage area	= 3.800 ac	Runoff coeff.	= 0.7
Intensity	= 4.650 in/hr	Tc by User	= 15.00 min
IDF Curve	= wich15min.IDF	Asc/Rec limb fact	= 1/1

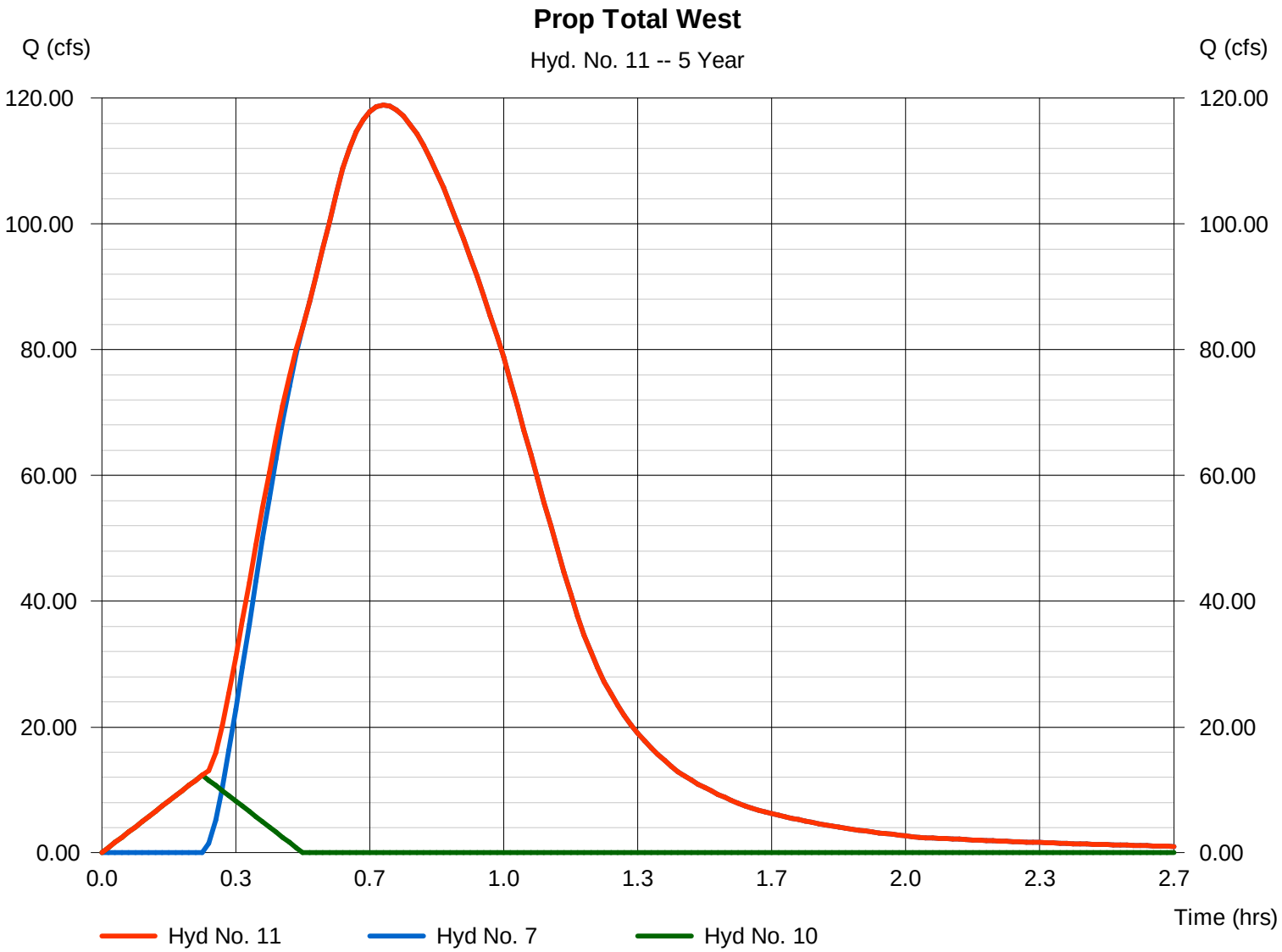


Hydrograph Report

Hyd. No. 11

Prop Total West

Hydrograph type	= Combine	Peak discharge	= 118.87 cfs
Storm frequency	= 5 yrs	Time to peak	= 0.70 hrs
Time interval	= 1 min	Hyd. volume	= 7.182 acft
Inflow hyds.	= 7, 10	Contrib. drain. area	= 3.800 ac

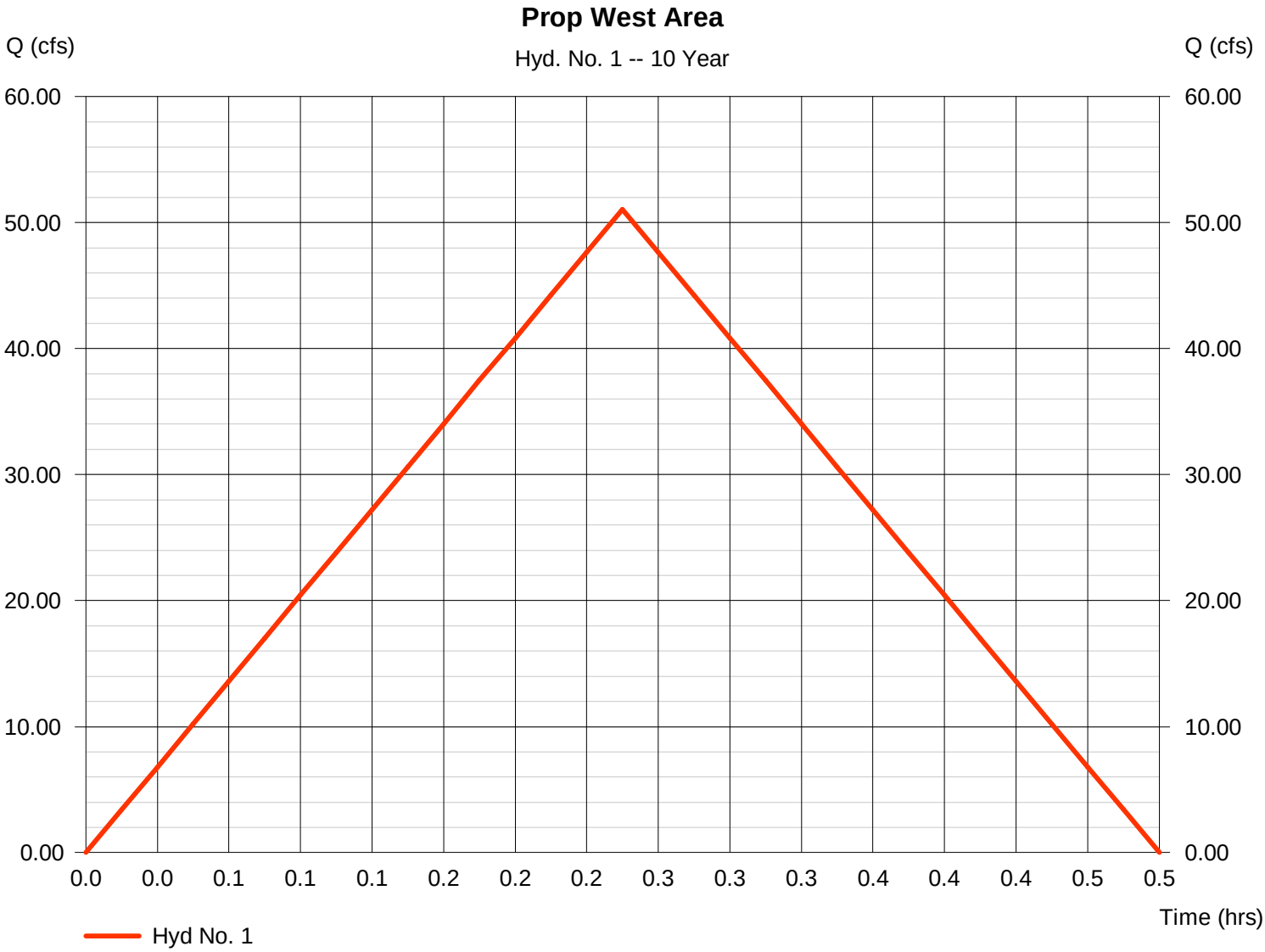


Hydrograph Report

Hyd. No. 1

Prop West Area

Hydrograph type	= Rational	Peak discharge	= 51.06 cfs
Storm frequency	= 10 yrs	Time to peak	= 0.25 hrs
Time interval	= 1 min	Hyd. volume	= 1.055 acft
Drainage area	= 14.000 ac	Runoff coeff.	= 0.7
Intensity	= 5.210 in/hr	Tc by User	= 15.00 min
IDF Curve	= wich15min.IDF	Asc/Rec limb fact	= 1/1

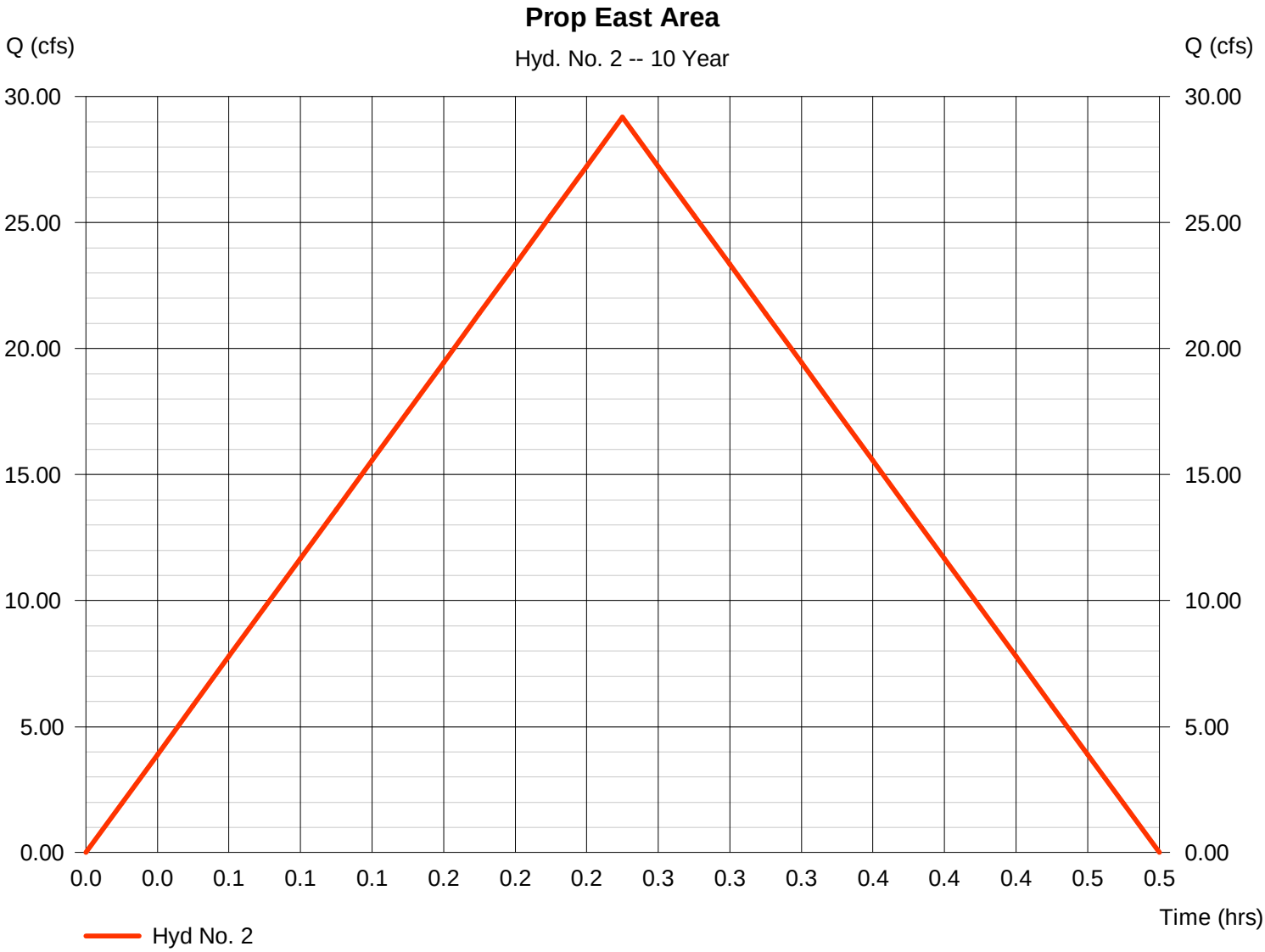


Hydrograph Report

Hyd. No. 2

Prop East Area

Hydrograph type	=	Rational	Peak discharge	=	29.18 cfs
Storm frequency	=	10 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.603 acft
Drainage area	=	8.000 ac	Runoff coeff.	=	0.7
Intensity	=	5.210 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

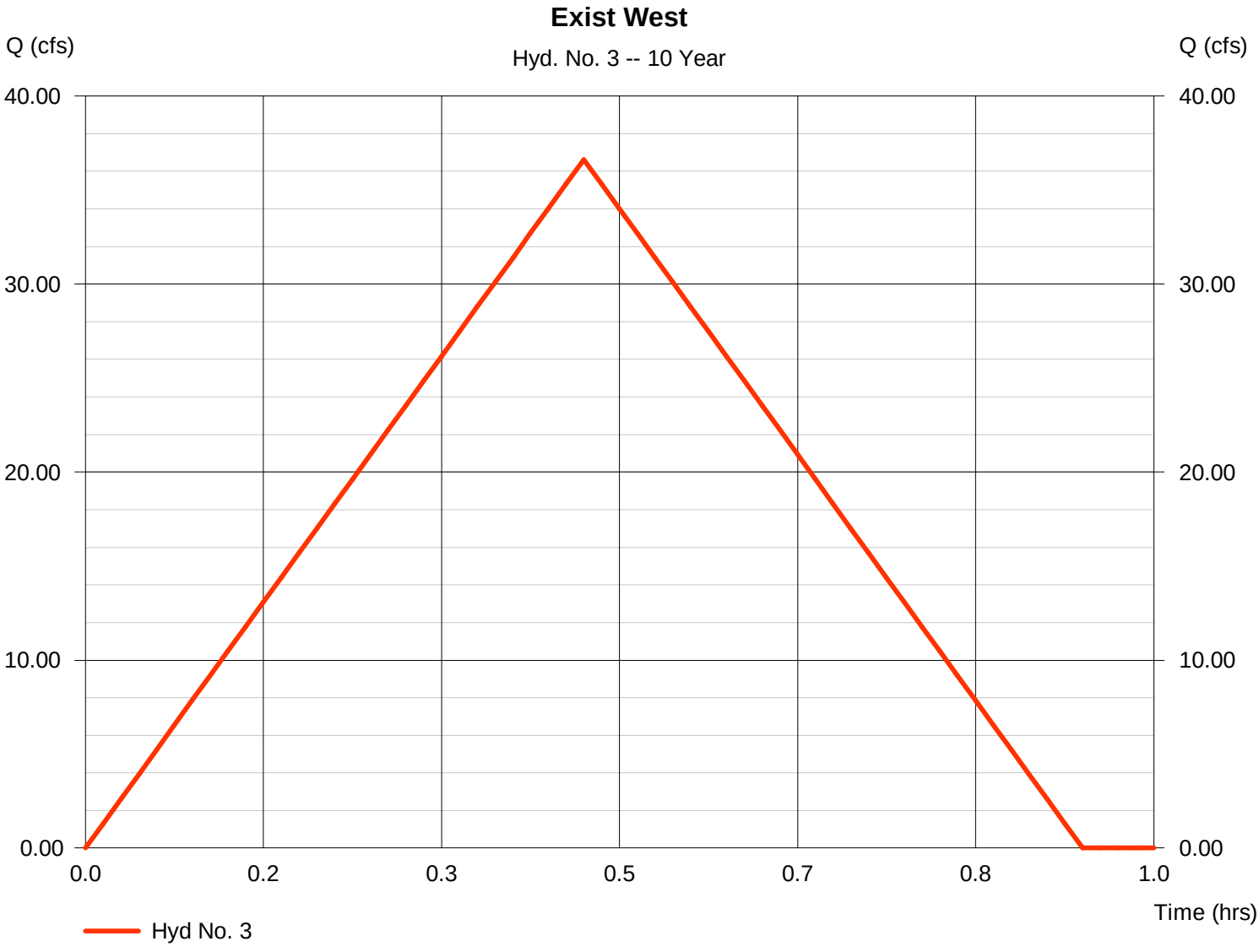


Hydrograph Report

Hyd. No. 3

Exist West

Hydrograph type	=	Rational	Peak discharge	=	36.62 cfs
Storm frequency	=	10 yrs	Time to peak	=	0.47 hrs
Time interval	=	1 min	Hyd. volume	=	1.412 acft
Drainage area	=	17.800 ac	Runoff coeff.	=	0.53
Intensity	=	3.882 in/hr	Tc by TR55	=	28.25 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

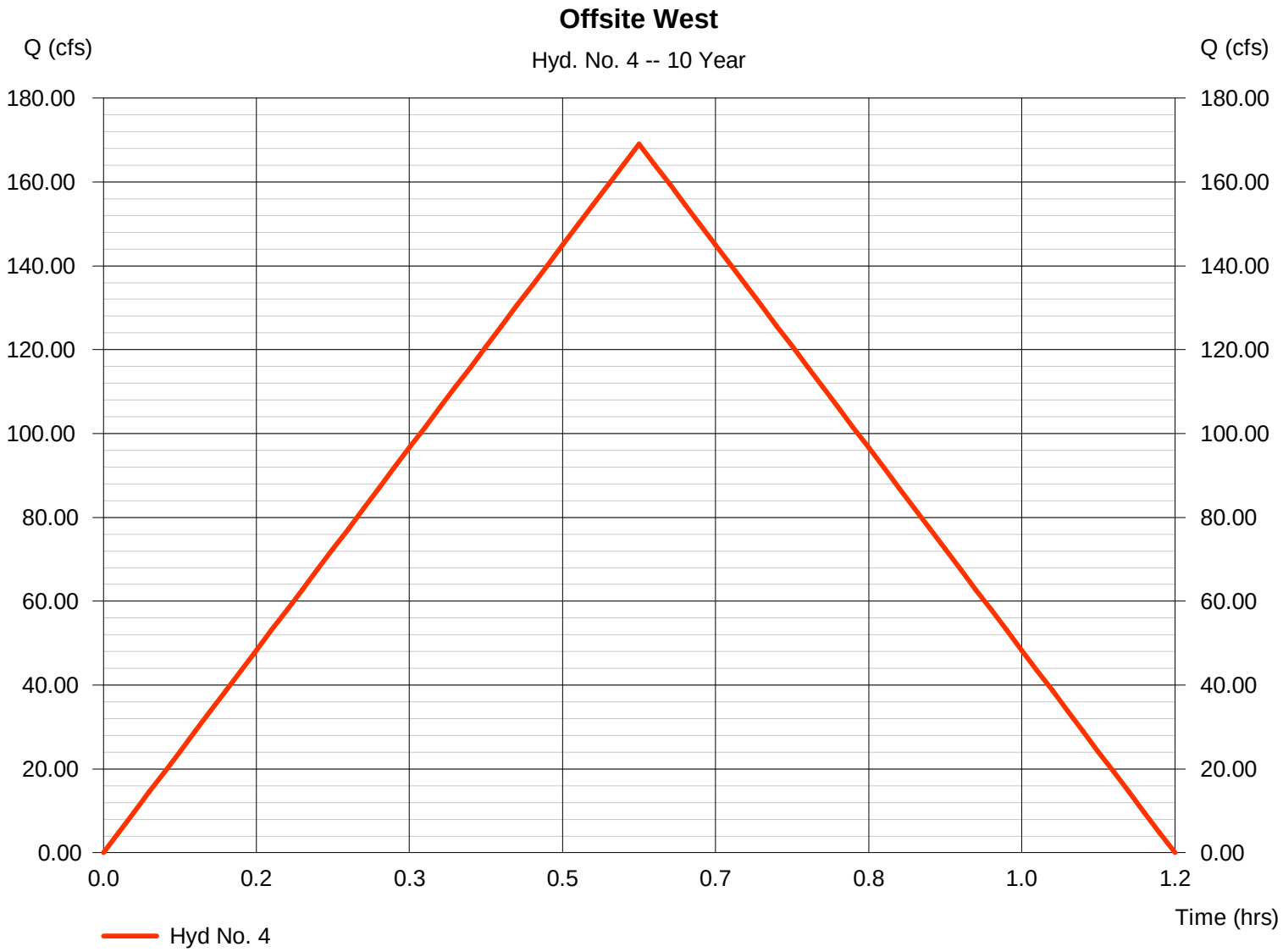


Hydrograph Report

Hyd. No. 4

Offsite West

Hydrograph type	=	Rational	Peak discharge	=	169.10 cfs
Storm frequency	=	10 yrs	Time to peak	=	0.58 hrs
Time interval	=	1 min	Hyd. volume	=	8.152 acft
Drainage area	=	93.000 ac	Runoff coeff.	=	0.53
Intensity	=	3.431 in/hr	Tc by TR55	=	35.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

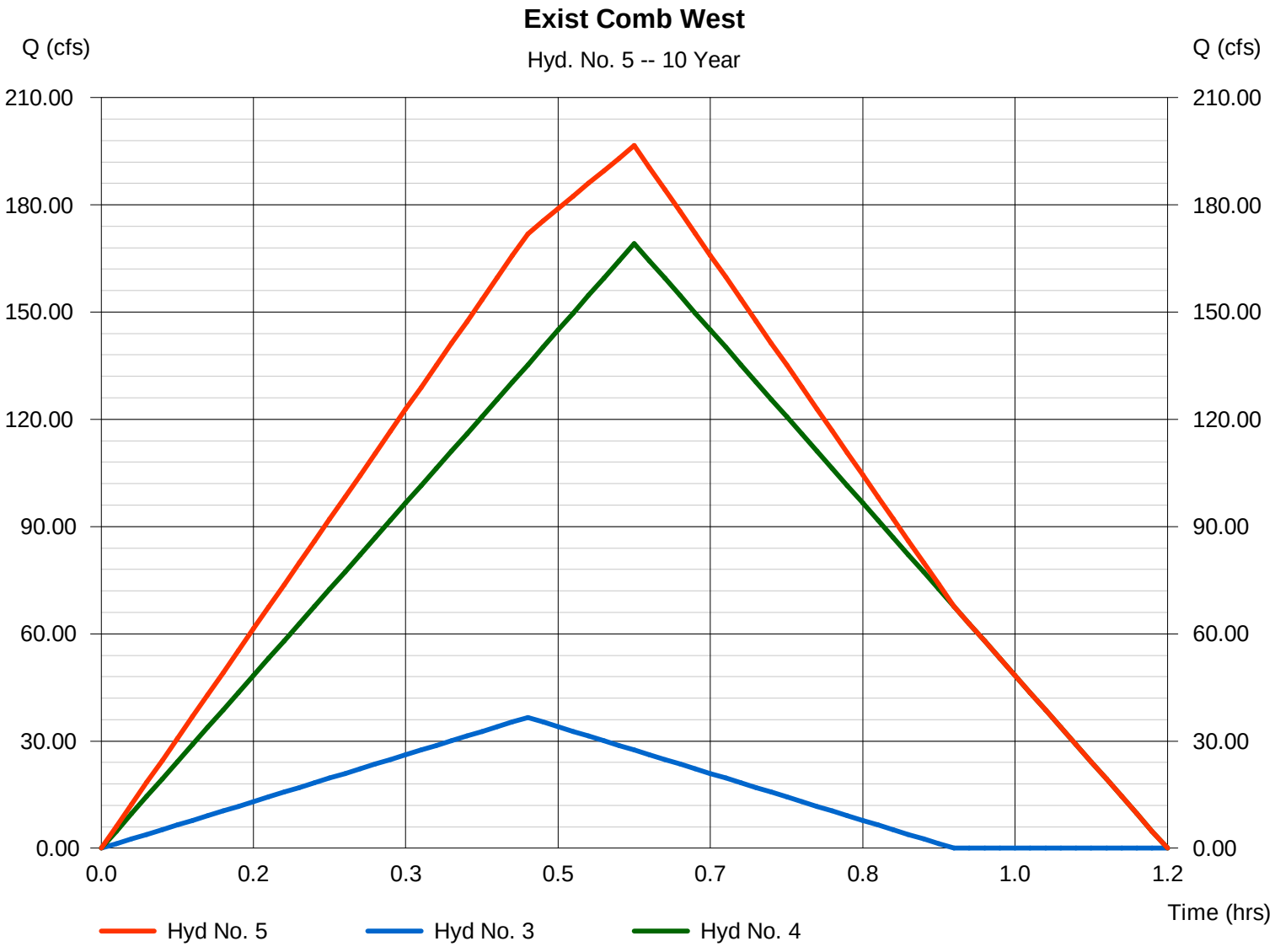


Hydrograph Report

Hyd. No. 5

Exist Comb West

Hydrograph type	= Combine	Peak discharge	= 196.57 cfs
Storm frequency	= 10 yrs	Time to peak	= 0.58 hrs
Time interval	= 1 min	Hyd. volume	= 9.565 acft
Inflow hyds.	= 3, 4	Contrib. drain. area	= 110.800 ac

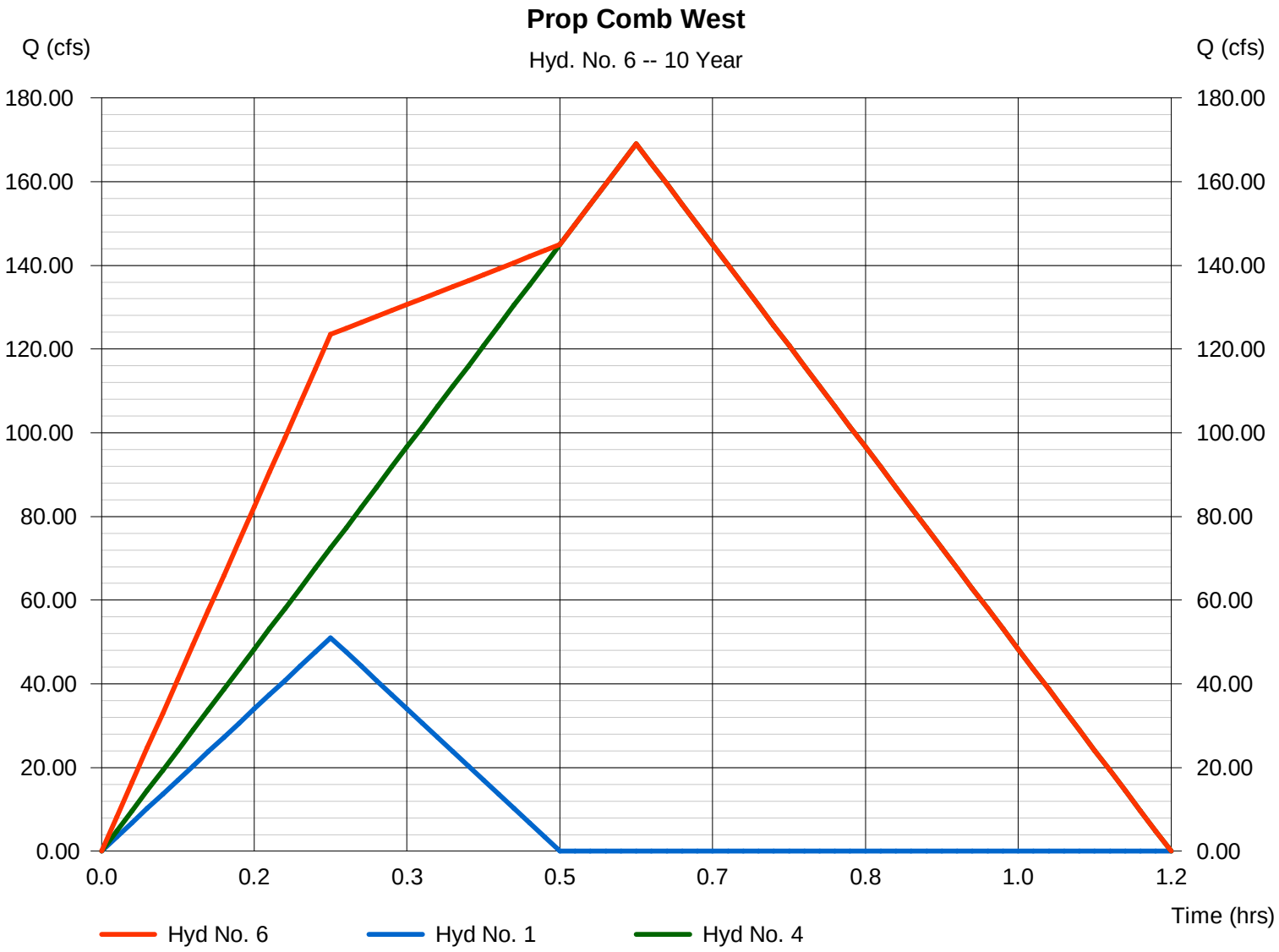


Hydrograph Report

Hyd. No. 6

Prop Comb West

Hydrograph type	= Combine	Peak discharge	= 169.10 cfs
Storm frequency	= 10 yrs	Time to peak	= 0.58 hrs
Time interval	= 1 min	Hyd. volume	= 9.207 acft
Inflow hyds.	= 1, 4	Contrib. drain. area	= 107.000 ac



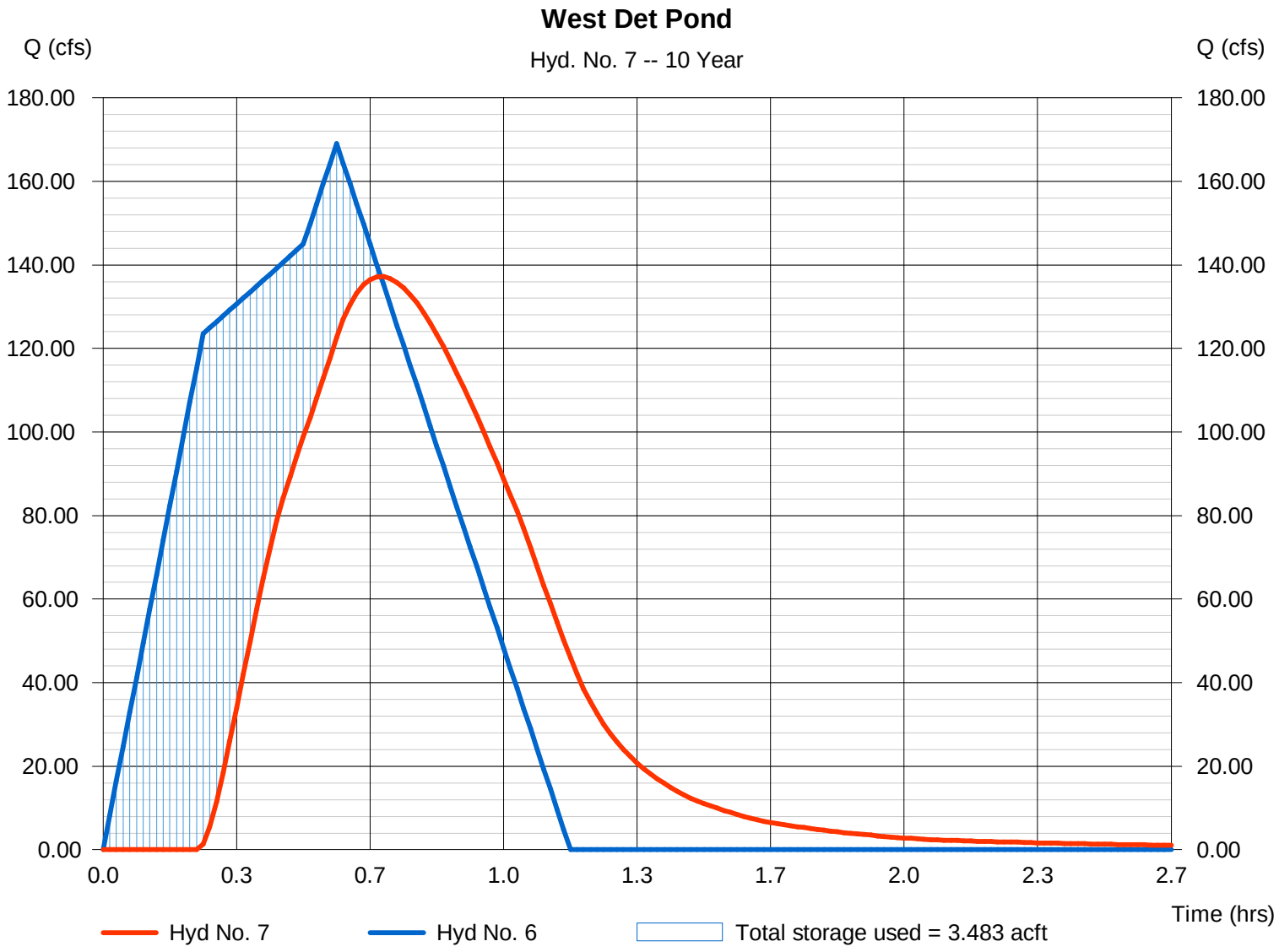
Hydrograph Report

Hyd. No. 7

West Det Pond

Hydrograph type	=	Reservoir	Peak discharge	=	137.17 cfs
Storm frequency	=	10 yrs	Time to peak	=	0.70 hrs
Time interval	=	1 min	Hyd. volume	=	8.015 acft
Inflow hyd. No.	=	6 - Prop Comb West	Max. Elevation	=	1346.46 ft
Reservoir name	=	West Pond	Max. Storage	=	3.483 acft

Storage Indication method used.

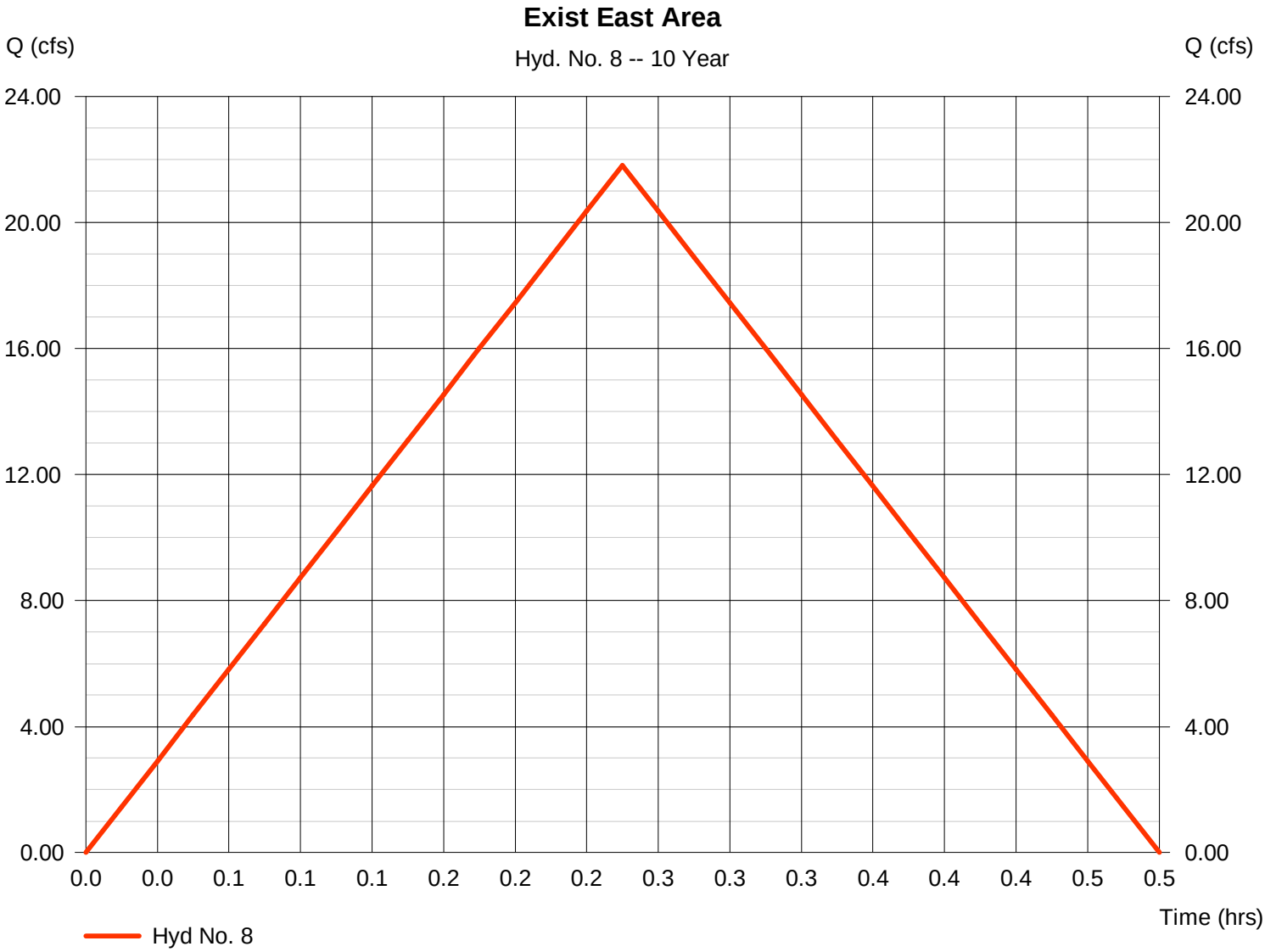


Hydrograph Report

Hyd. No. 8

Exist East Area

Hydrograph type	=	Rational	Peak discharge	=	21.82 cfs
Storm frequency	=	10 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.451 acft
Drainage area	=	7.900 ac	Runoff coeff.	=	0.53
Intensity	=	5.210 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1



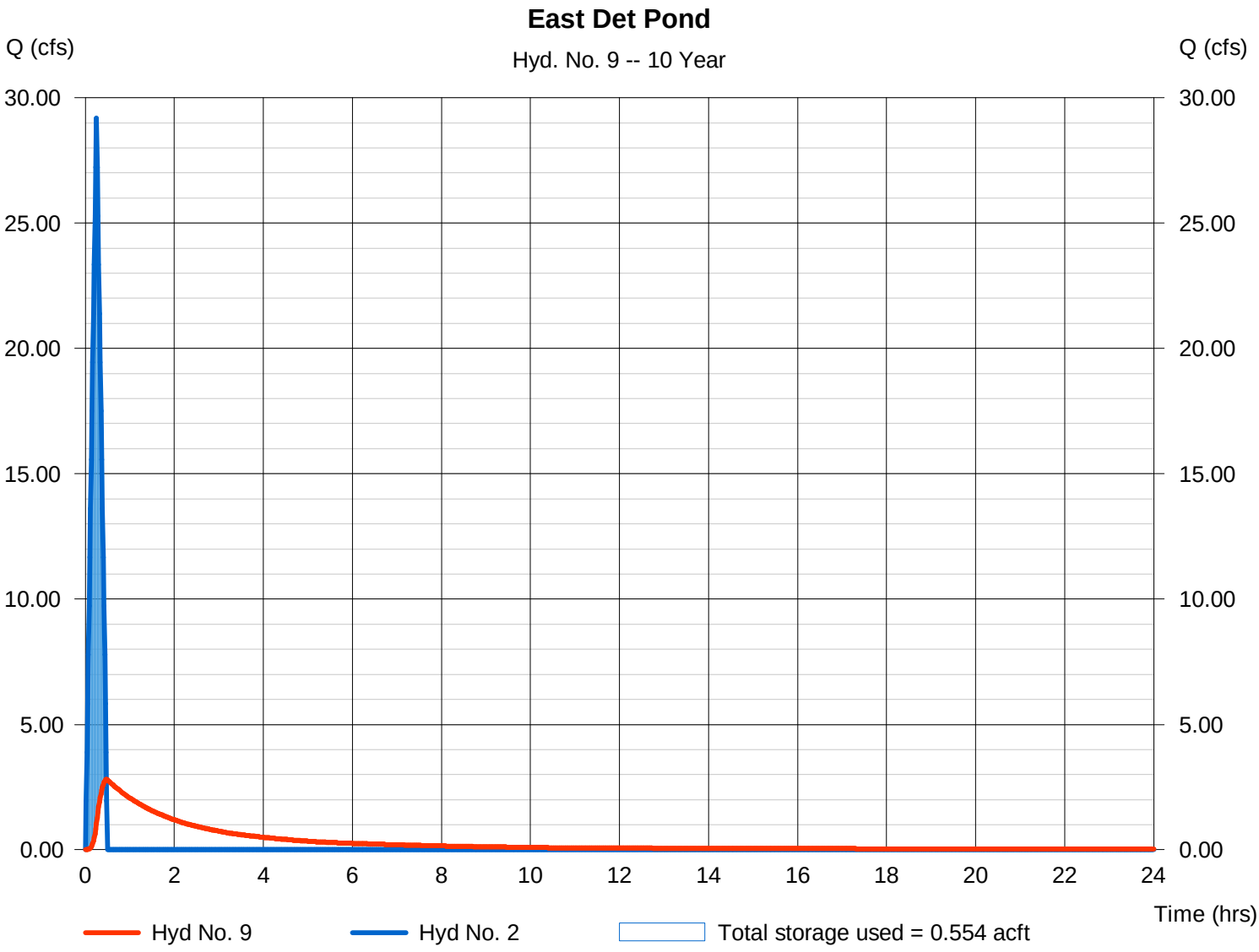
Hydrograph Report

Hyd. No. 9

East Det Pond

Hydrograph type	=	Reservoir	Peak discharge	=	2.804 cfs
Storm frequency	=	10 yrs	Time to peak	=	0.48 hrs
Time interval	=	1 min	Hyd. volume	=	0.600 acft
Inflow hyd. No.	=	2 - Prop East Area	Max. Elevation	=	1343.68 ft
Reservoir name	=	NE Pond	Max. Storage	=	0.554 acft

Storage Indication method used.

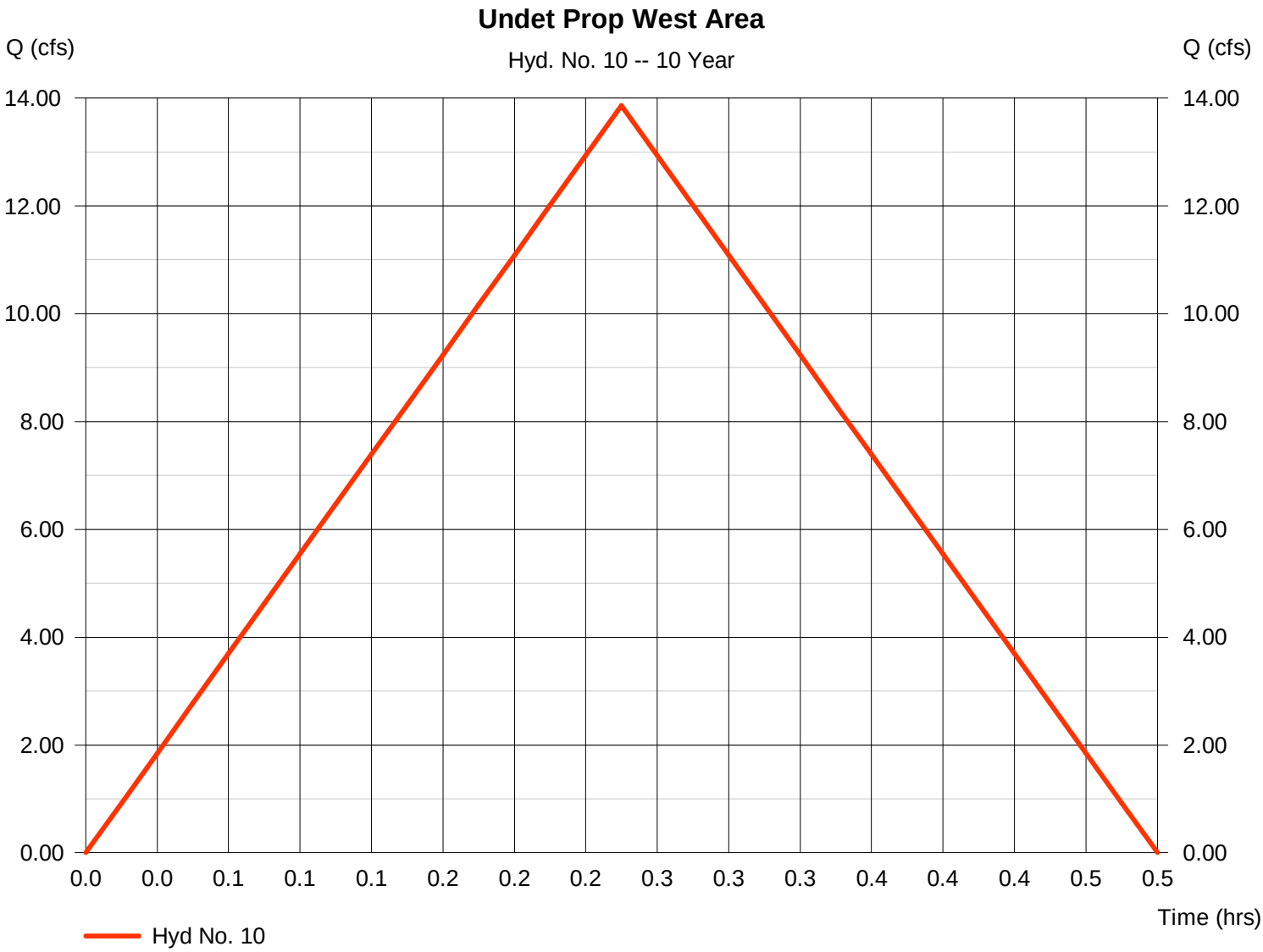


Hydrograph Report

Hyd. No. 10

Undet Prop West Area

Hydrograph type	=	Rational	Peak discharge	=	13.86 cfs
Storm frequency	=	10 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.286 acft
Drainage area	=	3.800 ac	Runoff coeff.	=	0.7
Intensity	=	5.210 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

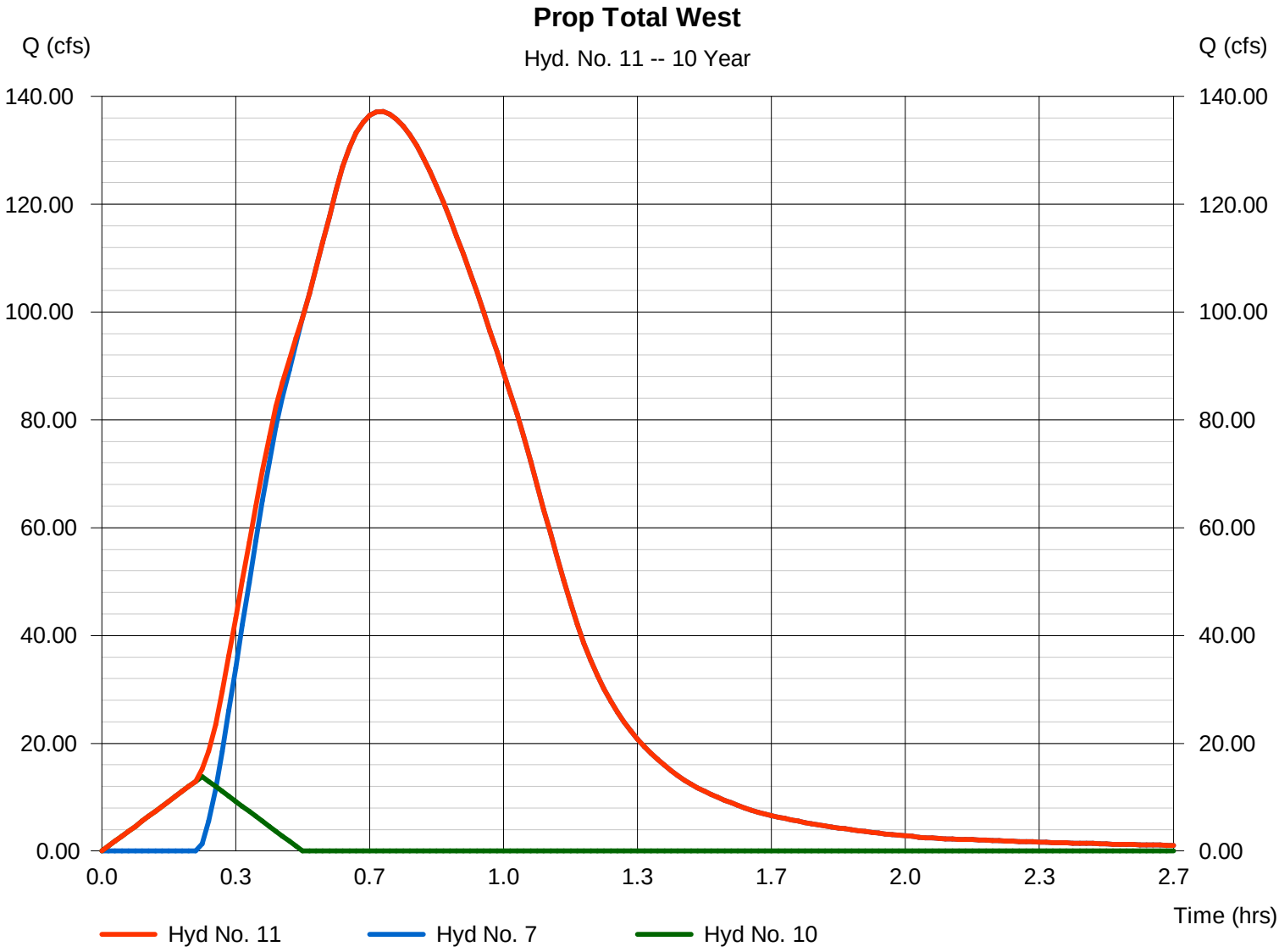


Hydrograph Report

Hyd. No. 11

Prop Total West

Hydrograph type	= Combine	Peak discharge	= 137.17 cfs
Storm frequency	= 10 yrs	Time to peak	= 0.70 hrs
Time interval	= 1 min	Hyd. volume	= 8.302 acft
Inflow hyds.	= 7, 10	Contrib. drain. area	= 3.800 ac

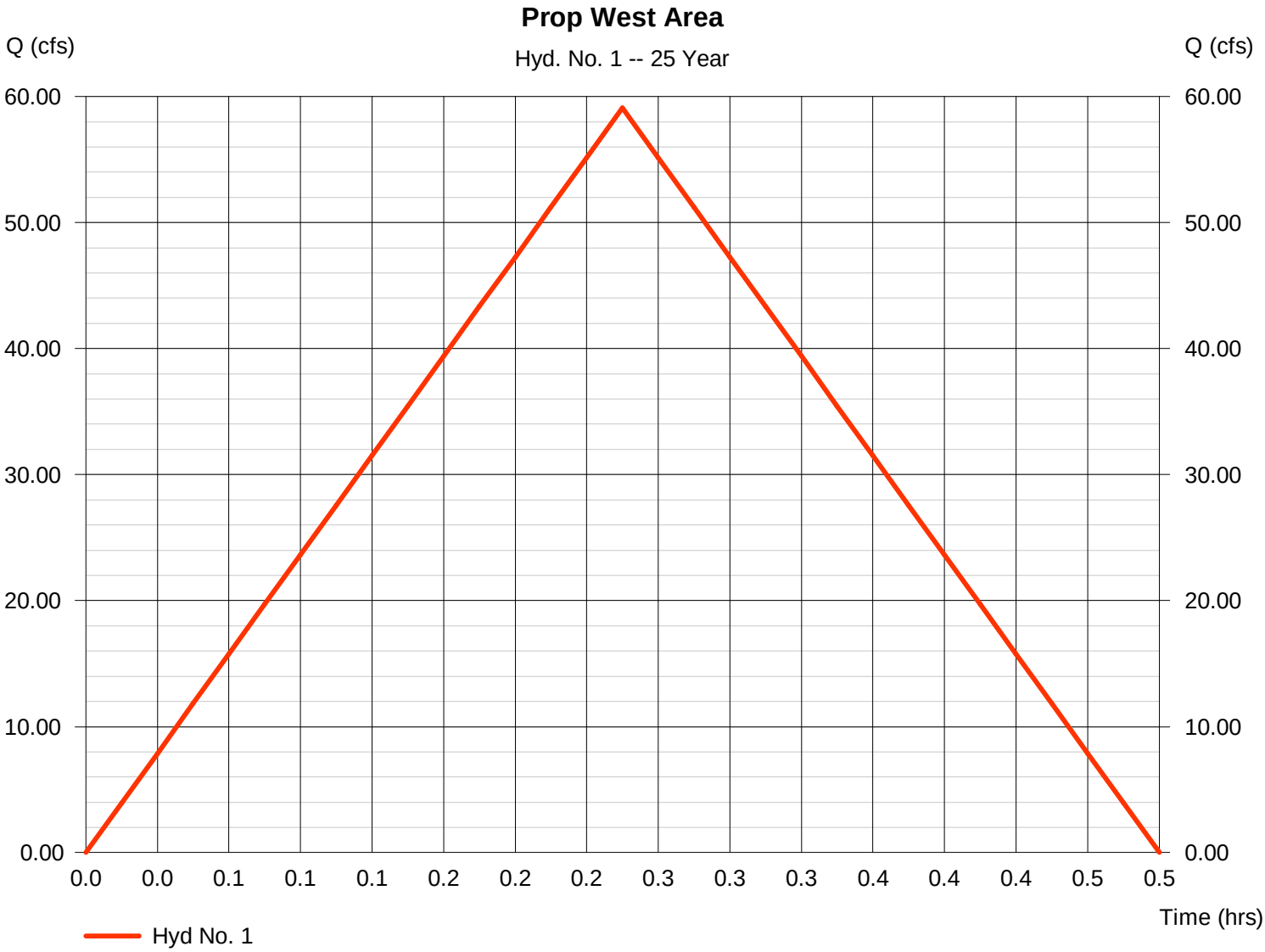


Hydrograph Report

Hyd. No. 1

Prop West Area

Hydrograph type	=	Rational	Peak discharge	=	59.09 cfs
Storm frequency	=	25 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	1.221 acft
Drainage area	=	14.000 ac	Runoff coeff.	=	0.7
Intensity	=	6.029 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

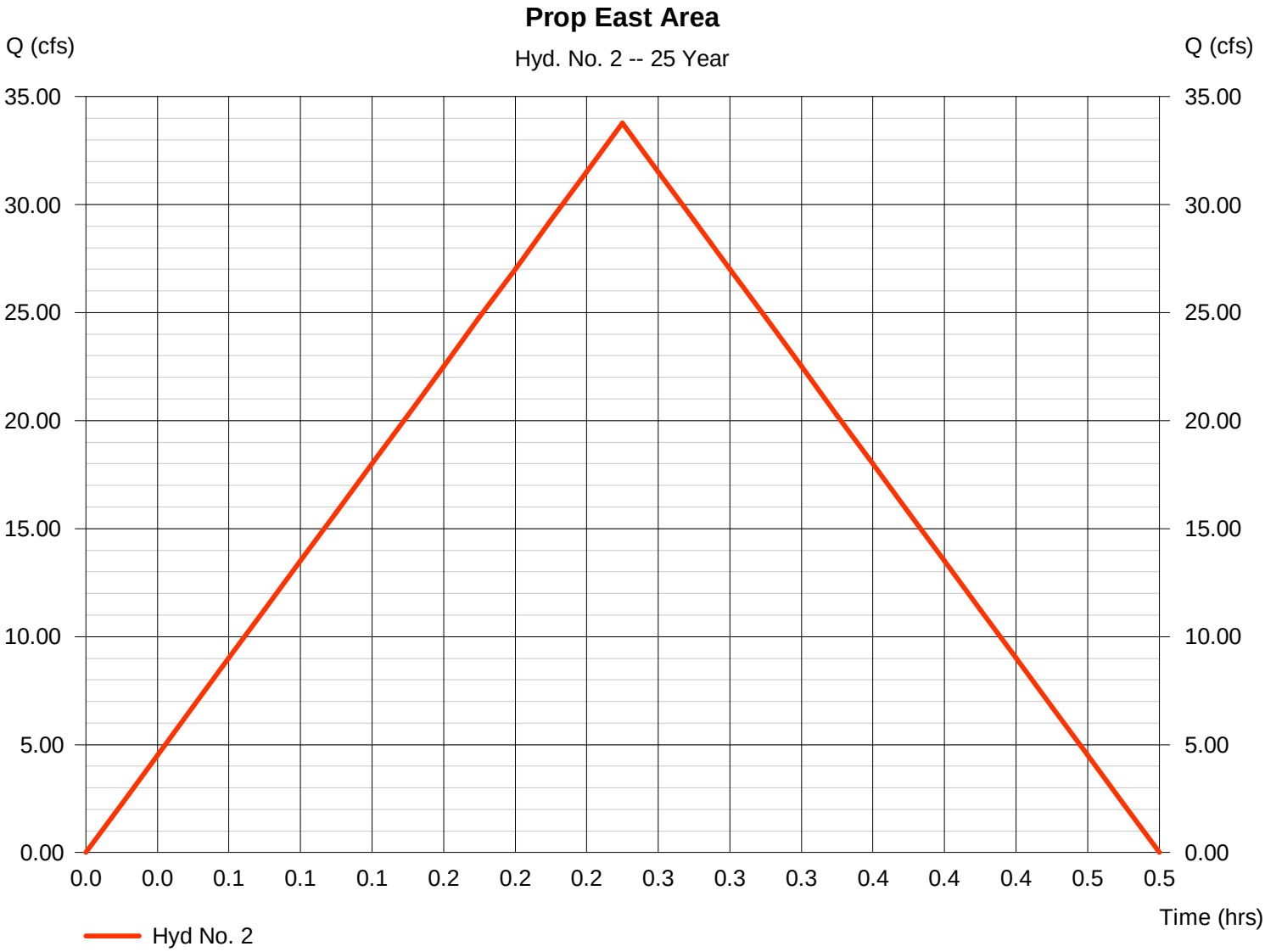


Hydrograph Report

Hyd. No. 2

Prop East Area

Hydrograph type	=	Rational	Peak discharge	=	33.76 cfs
Storm frequency	=	25 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.698 acft
Drainage area	=	8.000 ac	Runoff coeff.	=	0.7
Intensity	=	6.029 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

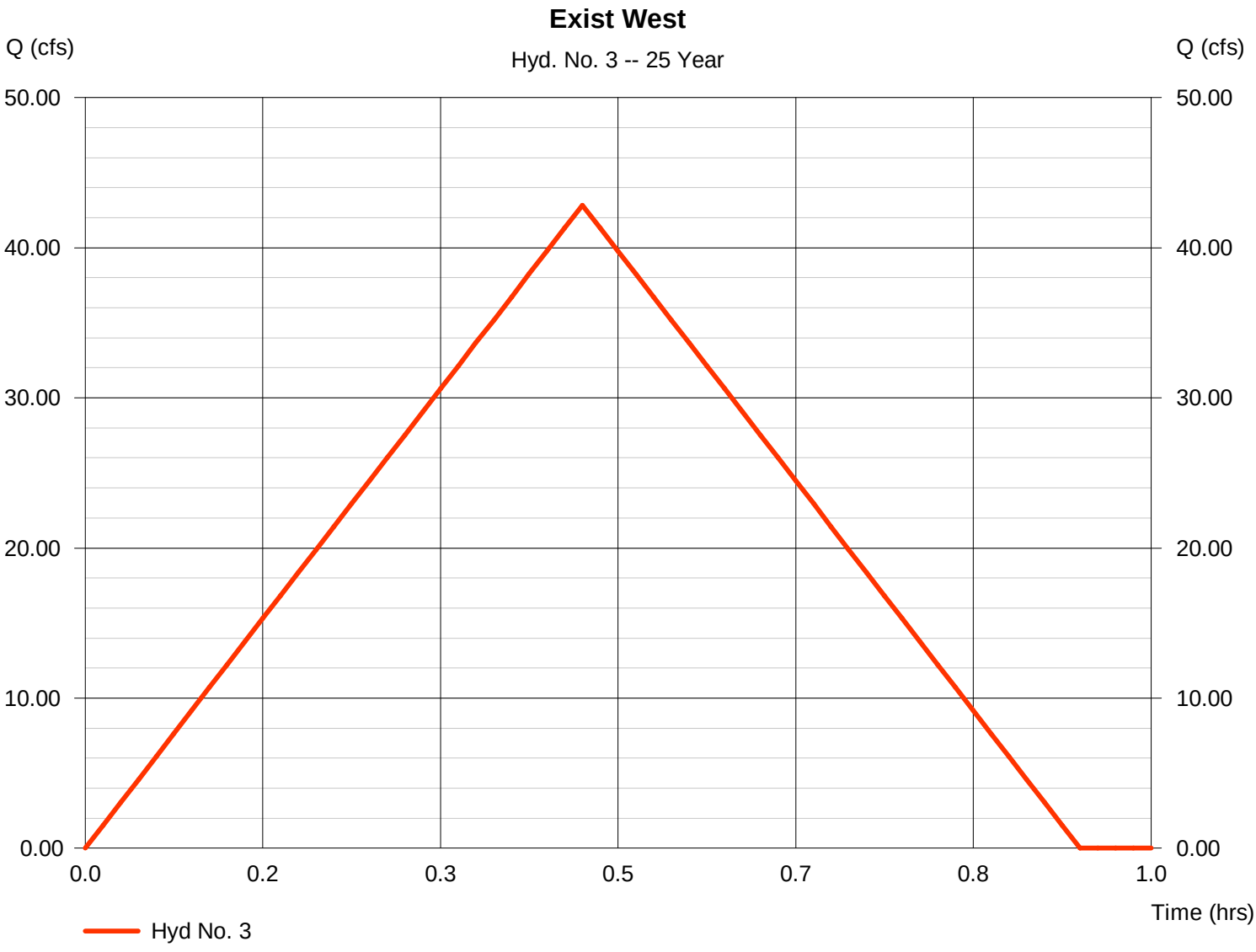


Hydrograph Report

Hyd. No. 3

Exist West

Hydrograph type	=	Rational	Peak discharge	=	42.84 cfs
Storm frequency	=	25 yrs	Time to peak	=	0.47 hrs
Time interval	=	1 min	Hyd. volume	=	1.652 acft
Drainage area	=	17.800 ac	Runoff coeff.	=	0.53
Intensity	=	4.541 in/hr	Tc by TR55	=	28.25 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

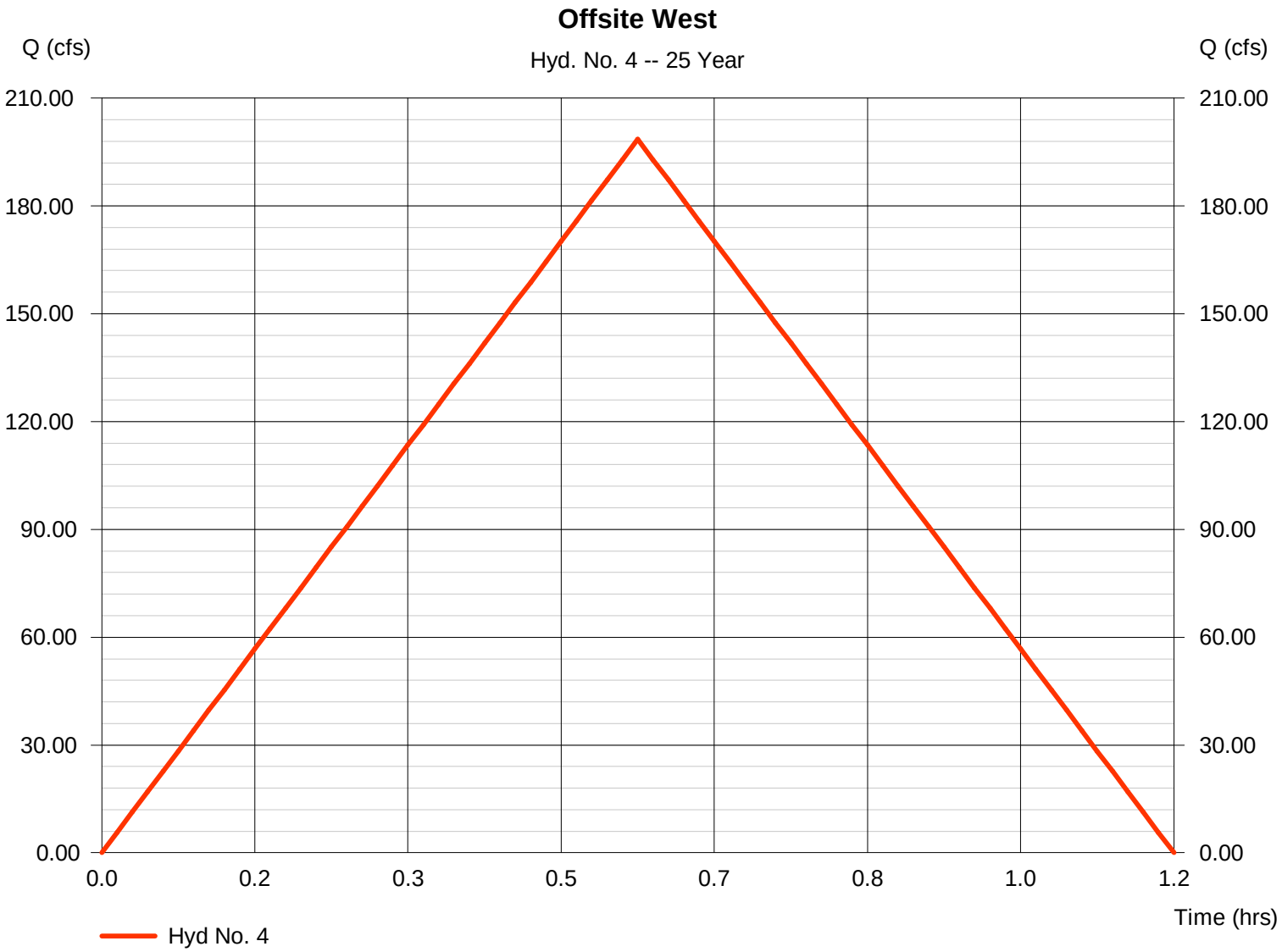


Hydrograph Report

Hyd. No. 4

Offsite West

Hydrograph type	=	Rational	Peak discharge	=	198.53 cfs
Storm frequency	=	25 yrs	Time to peak	=	0.58 hrs
Time interval	=	1 min	Hyd. volume	=	9.571 acft
Drainage area	=	93.000 ac	Runoff coeff.	=	0.53
Intensity	=	4.028 in/hr	Tc by TR55	=	35.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

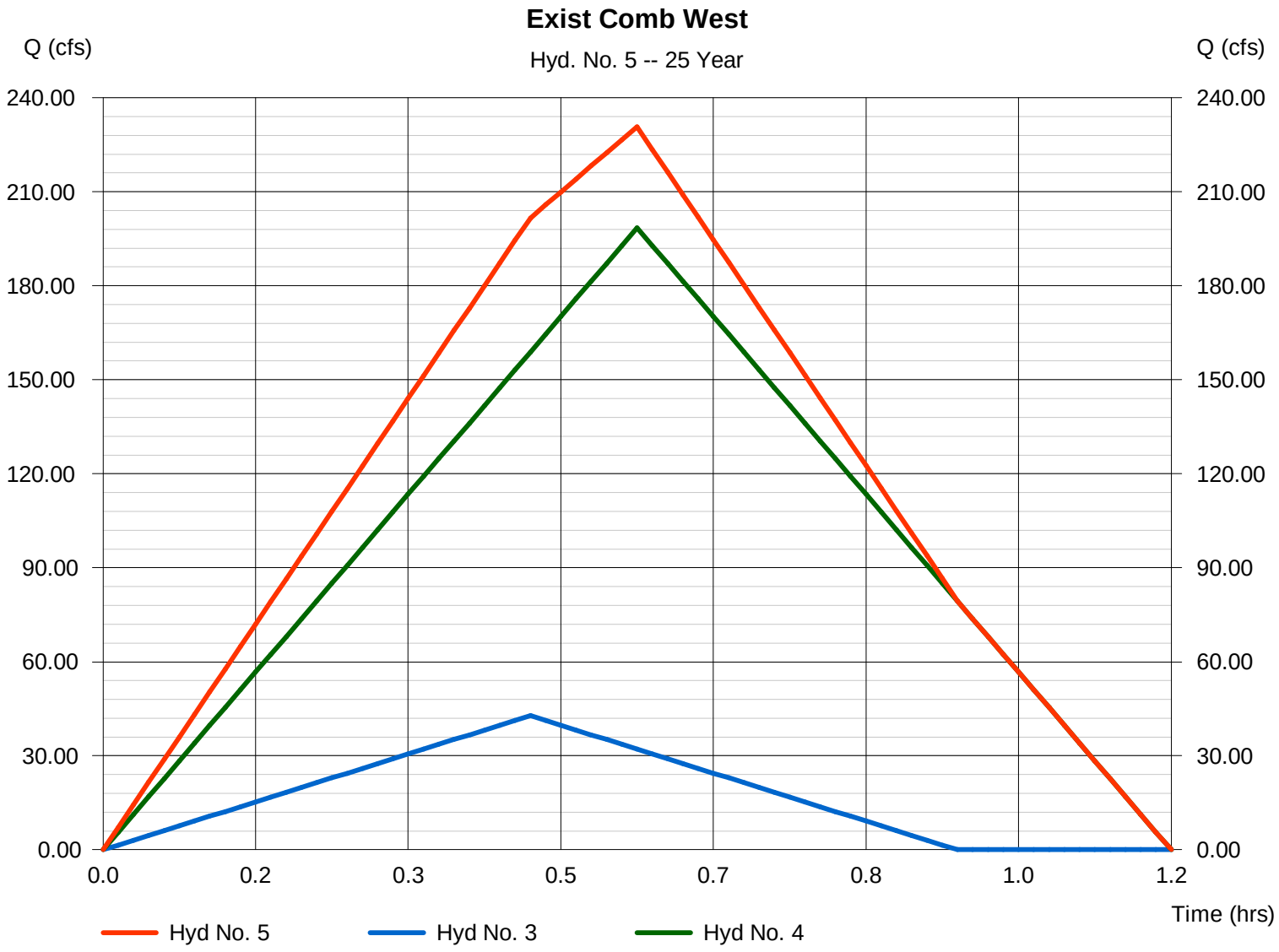


Hydrograph Report

Hyd. No. 5

Exist Comb West

Hydrograph type	= Combine	Peak discharge	= 230.65 cfs
Storm frequency	= 25 yrs	Time to peak	= 0.58 hrs
Time interval	= 1 min	Hyd. volume	= 11.223 acft
Inflow hyds.	= 3, 4	Contrib. drain. area	= 110.800 ac

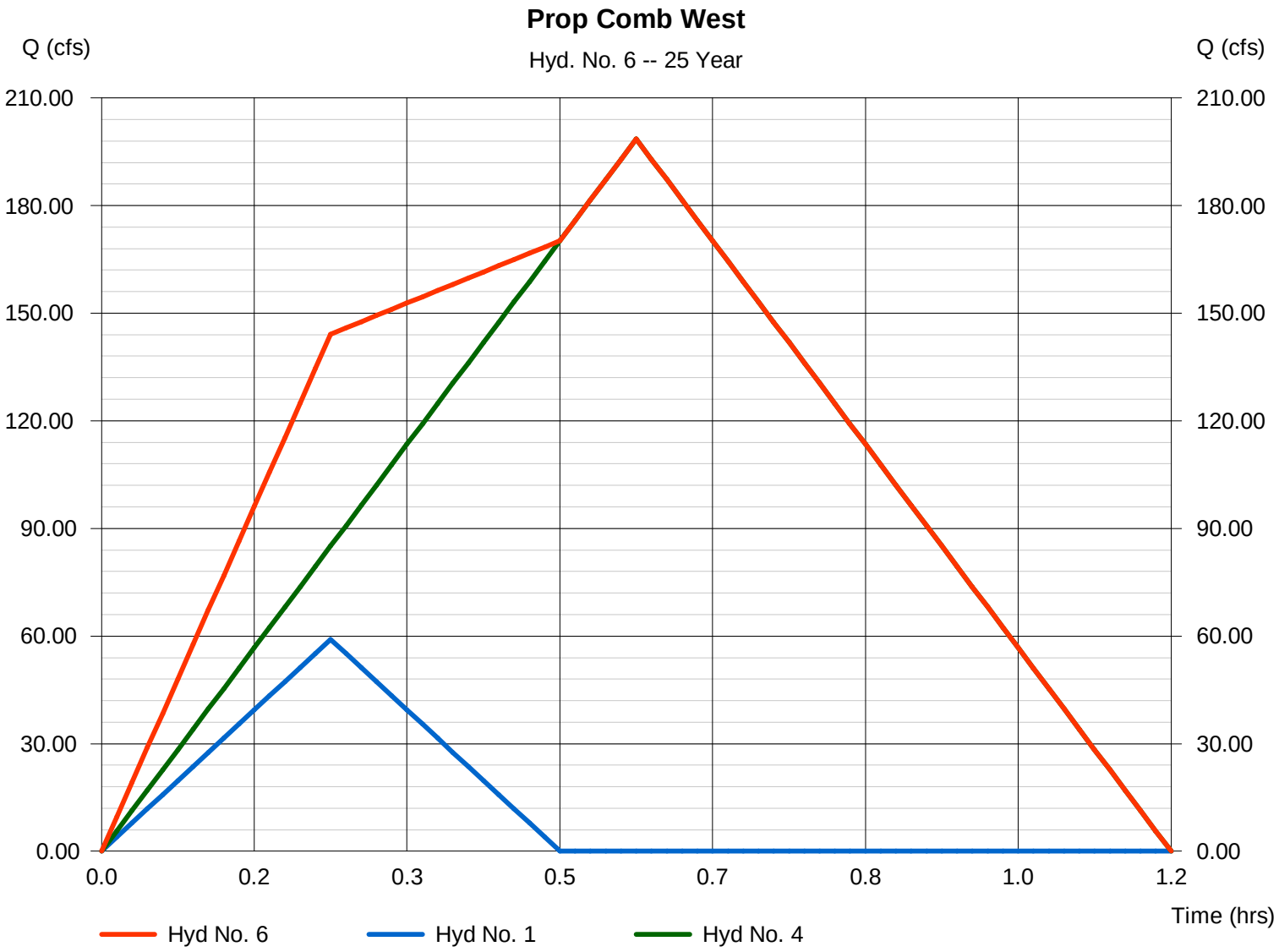


Hydrograph Report

Hyd. No. 6

Prop Comb West

Hydrograph type	= Combine	Peak discharge	= 198.53 cfs
Storm frequency	= 25 yrs	Time to peak	= 0.58 hrs
Time interval	= 1 min	Hyd. volume	= 10.792 acft
Inflow hyds.	= 1, 4	Contrib. drain. area	= 107.000 ac



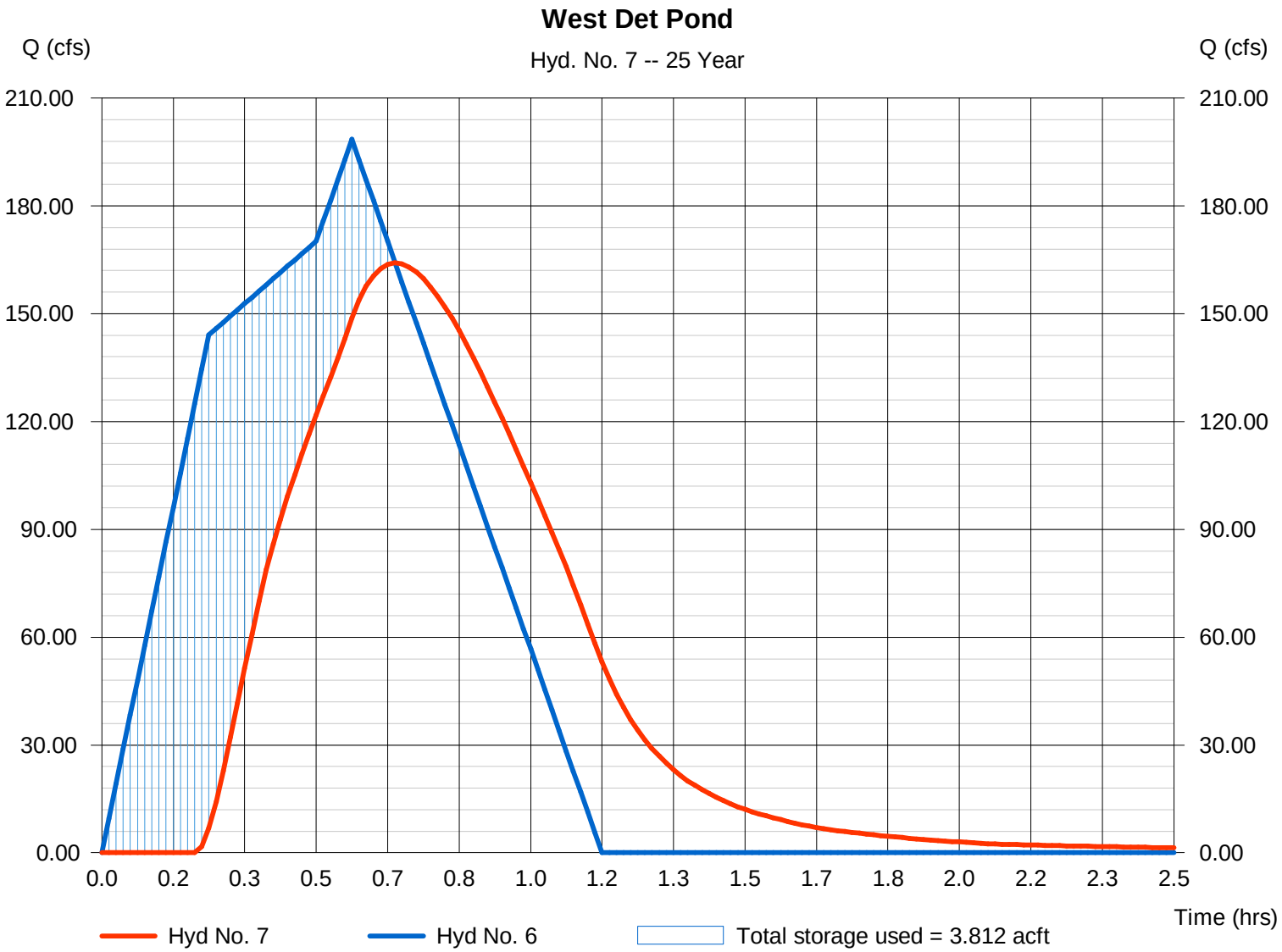
Hydrograph Report

Hyd. No. 7

West Det Pond

Hydrograph type	=	Reservoir	Peak discharge	=	164.11 cfs
Storm frequency	=	25 yrs	Time to peak	=	0.68 hrs
Time interval	=	1 min	Hyd. volume	=	9.600 acft
Inflow hyd. No.	=	6 - Prop Comb West	Max. Elevation	=	1346.64 ft
Reservoir name	=	West Pond	Max. Storage	=	3.812 acft

Storage Indication method used.

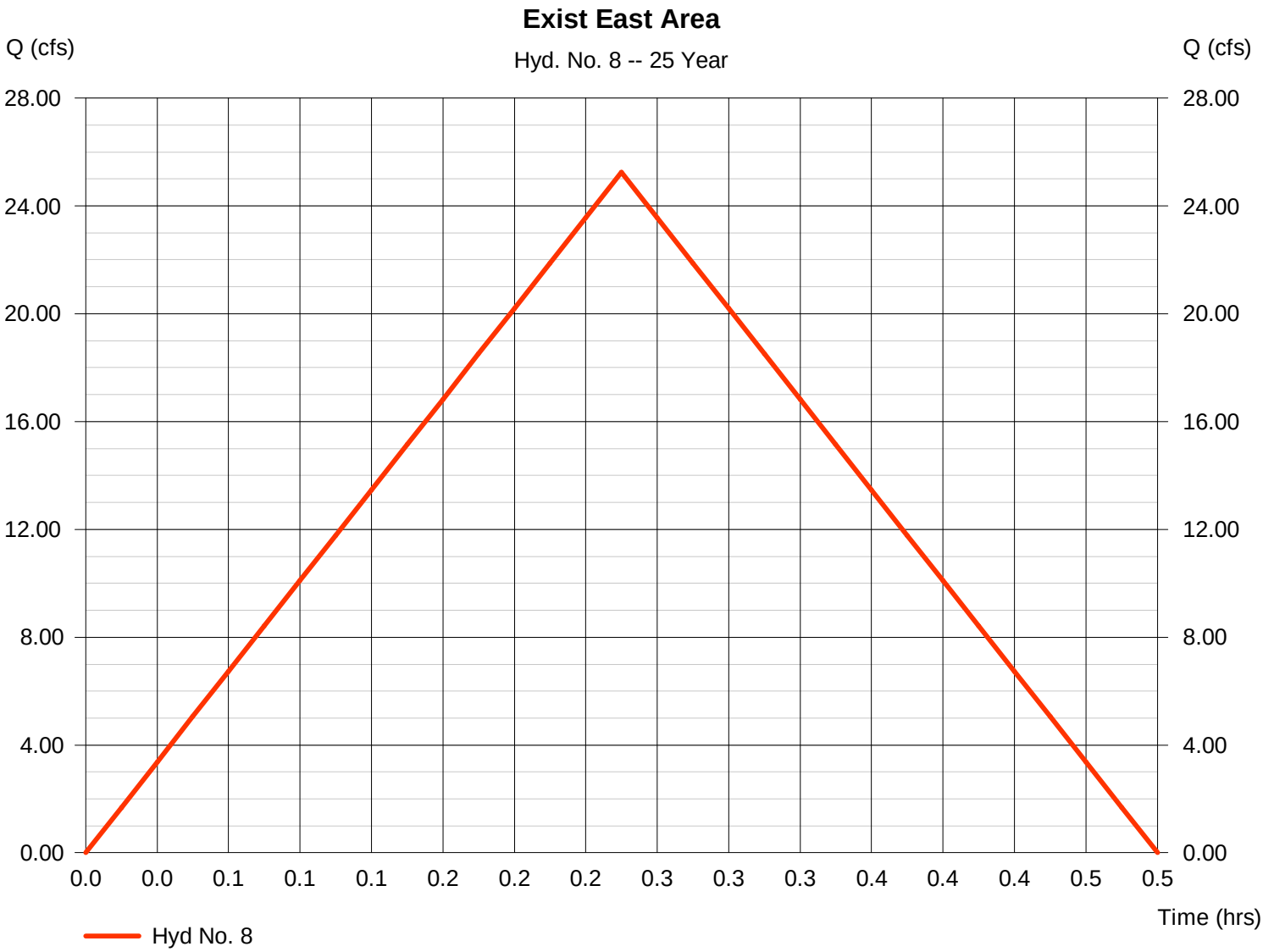


Hydrograph Report

Hyd. No. 8

Exist East Area

Hydrograph type	=	Rational	Peak discharge	=	25.24 cfs
Storm frequency	=	25 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.522 acft
Drainage area	=	7.900 ac	Runoff coeff.	=	0.53
Intensity	=	6.029 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1



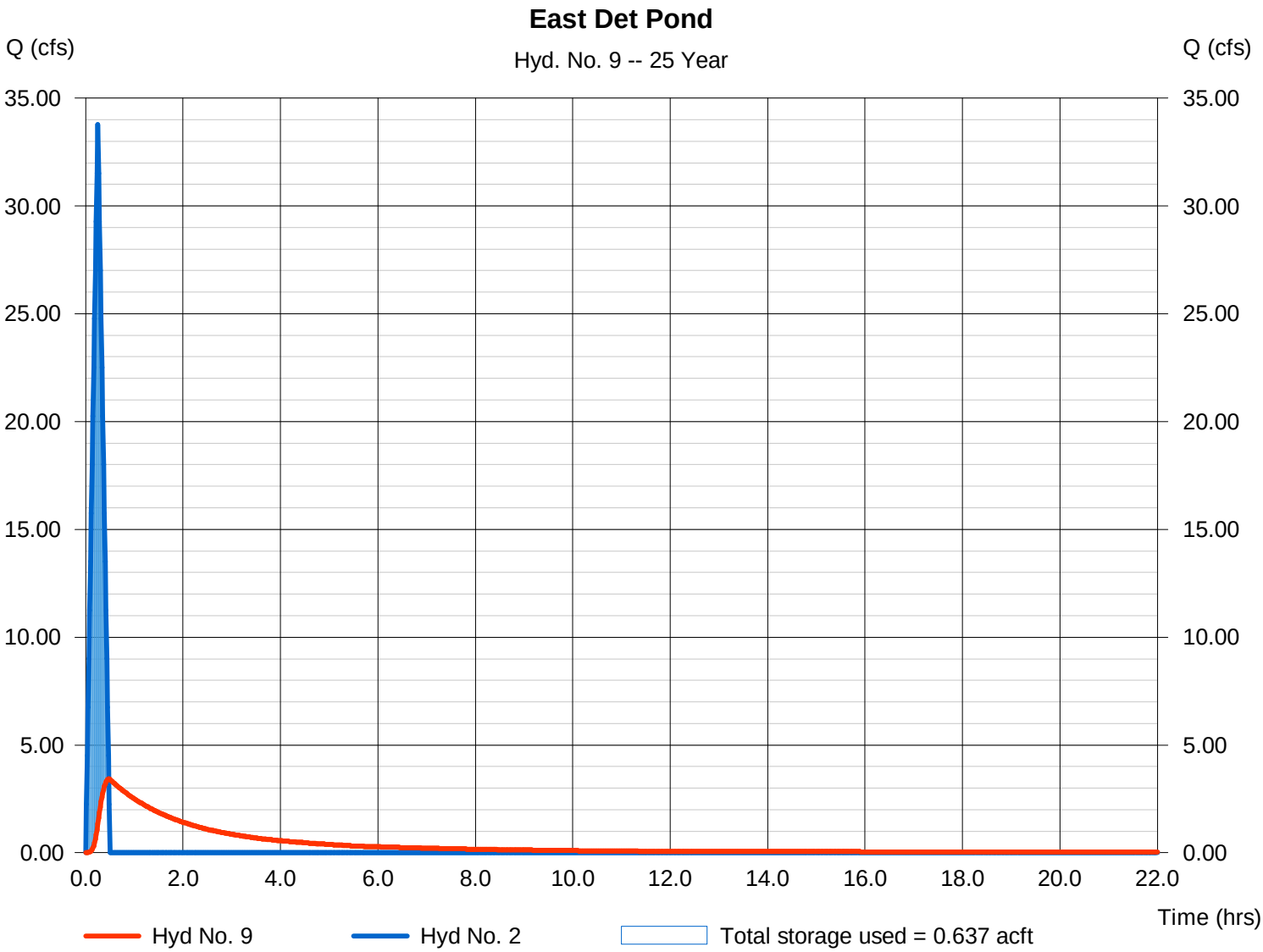
Hydrograph Report

Hyd. No. 9

East Det Pond

Hydrograph type	=	Reservoir	Peak discharge	=	3.421 cfs
Storm frequency	=	25 yrs	Time to peak	=	0.47 hrs
Time interval	=	1 min	Hyd. volume	=	0.695 acft
Inflow hyd. No.	=	2 - Prop East Area	Max. Elevation	=	1343.82 ft
Reservoir name	=	NE Pond	Max. Storage	=	0.637 acft

Storage Indication method used.

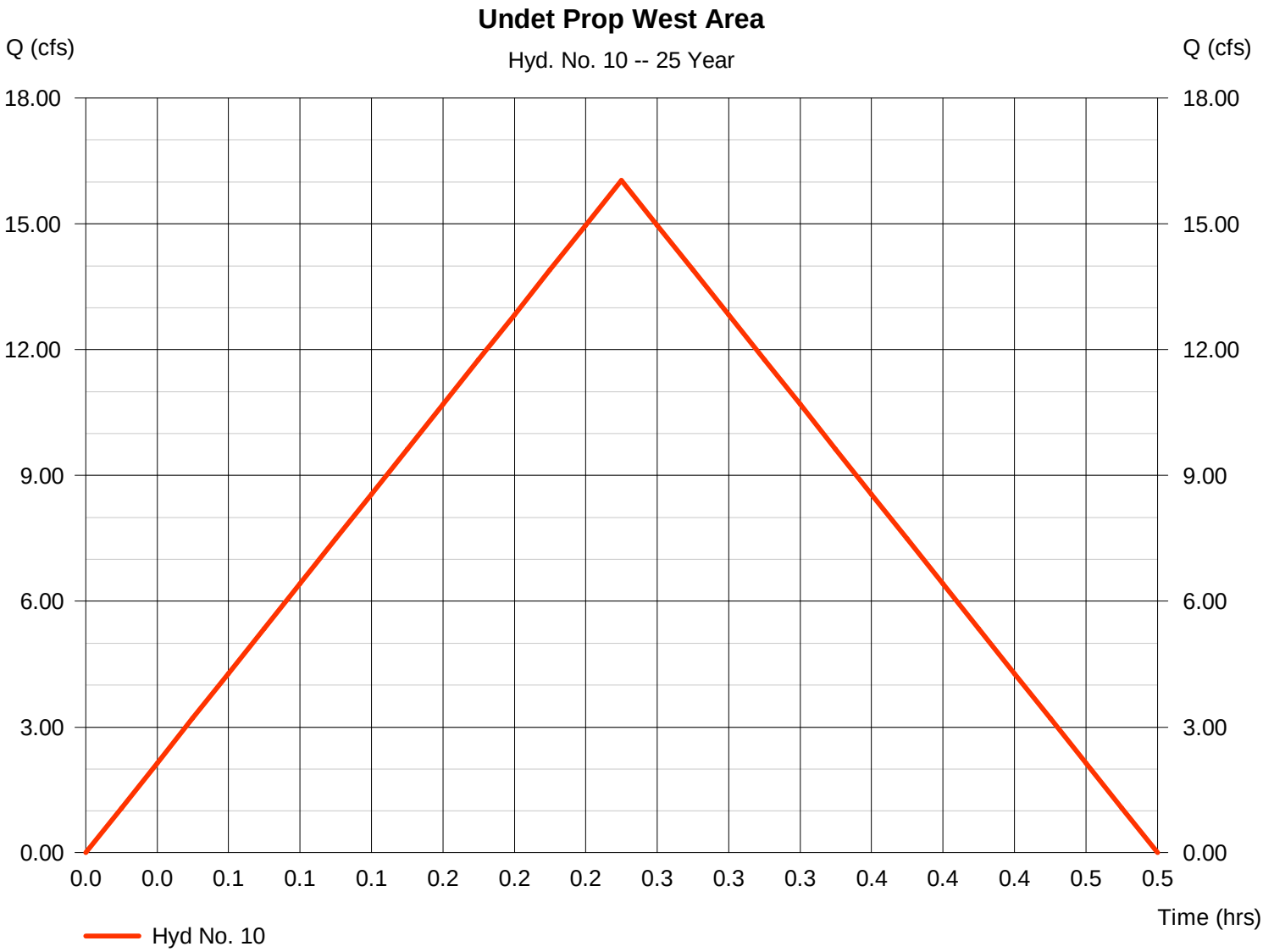


Hydrograph Report

Hyd. No. 10

Undet Prop West Area

Hydrograph type	=	Rational	Peak discharge	=	16.04 cfs
Storm frequency	=	25 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.331 acft
Drainage area	=	3.800 ac	Runoff coeff.	=	0.7
Intensity	=	6.029 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

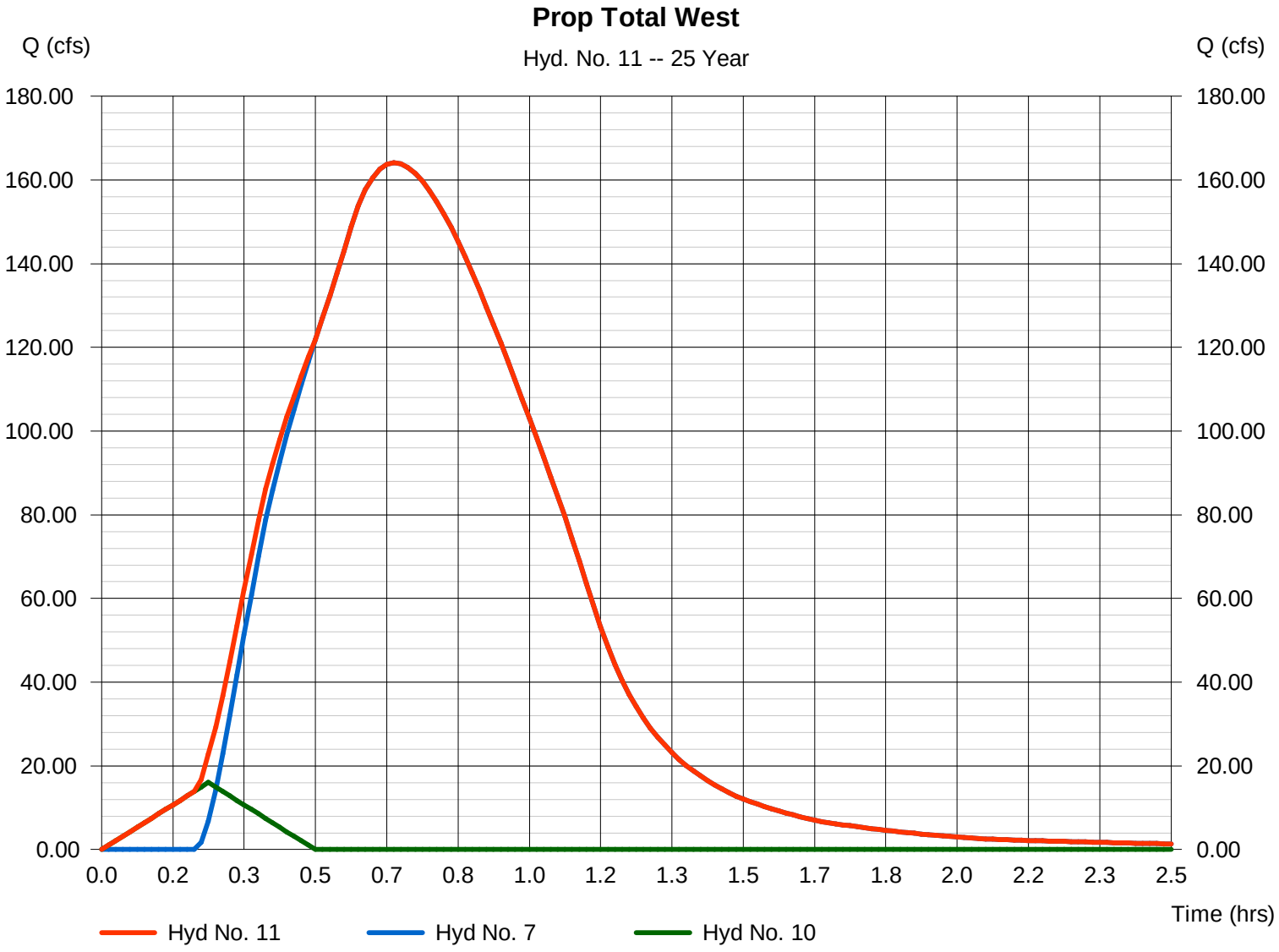


Hydrograph Report

Hyd. No. 11

Prop Total West

Hydrograph type	= Combine	Peak discharge	= 164.11 cfs
Storm frequency	= 25 yrs	Time to peak	= 0.68 hrs
Time interval	= 1 min	Hyd. volume	= 9.931 acft
Inflow hyds.	= 7, 10	Contrib. drain. area	= 3.800 ac

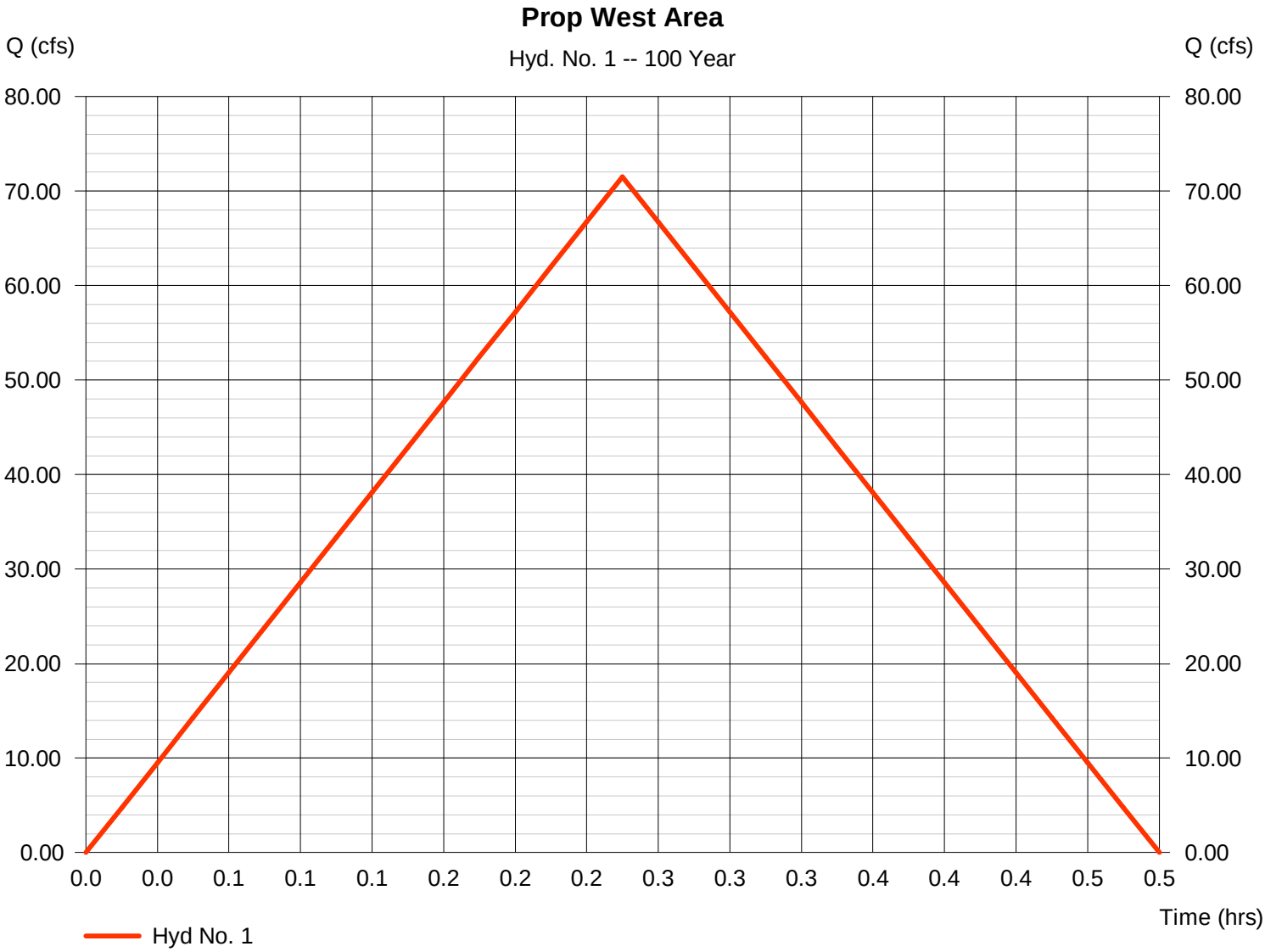


Hydrograph Report

Hyd. No. 1

Prop West Area

Hydrograph type	= Rational	Peak discharge	= 71.49 cfs
Storm frequency	= 100 yrs	Time to peak	= 0.25 hrs
Time interval	= 1 min	Hyd. volume	= 1.477 acft
Drainage area	= 14.000 ac	Runoff coeff.	= 0.7
Intensity	= 7.295 in/hr	Tc by User	= 15.00 min
IDF Curve	= wich15min.IDF	Asc/Rec limb fact	= 1/1

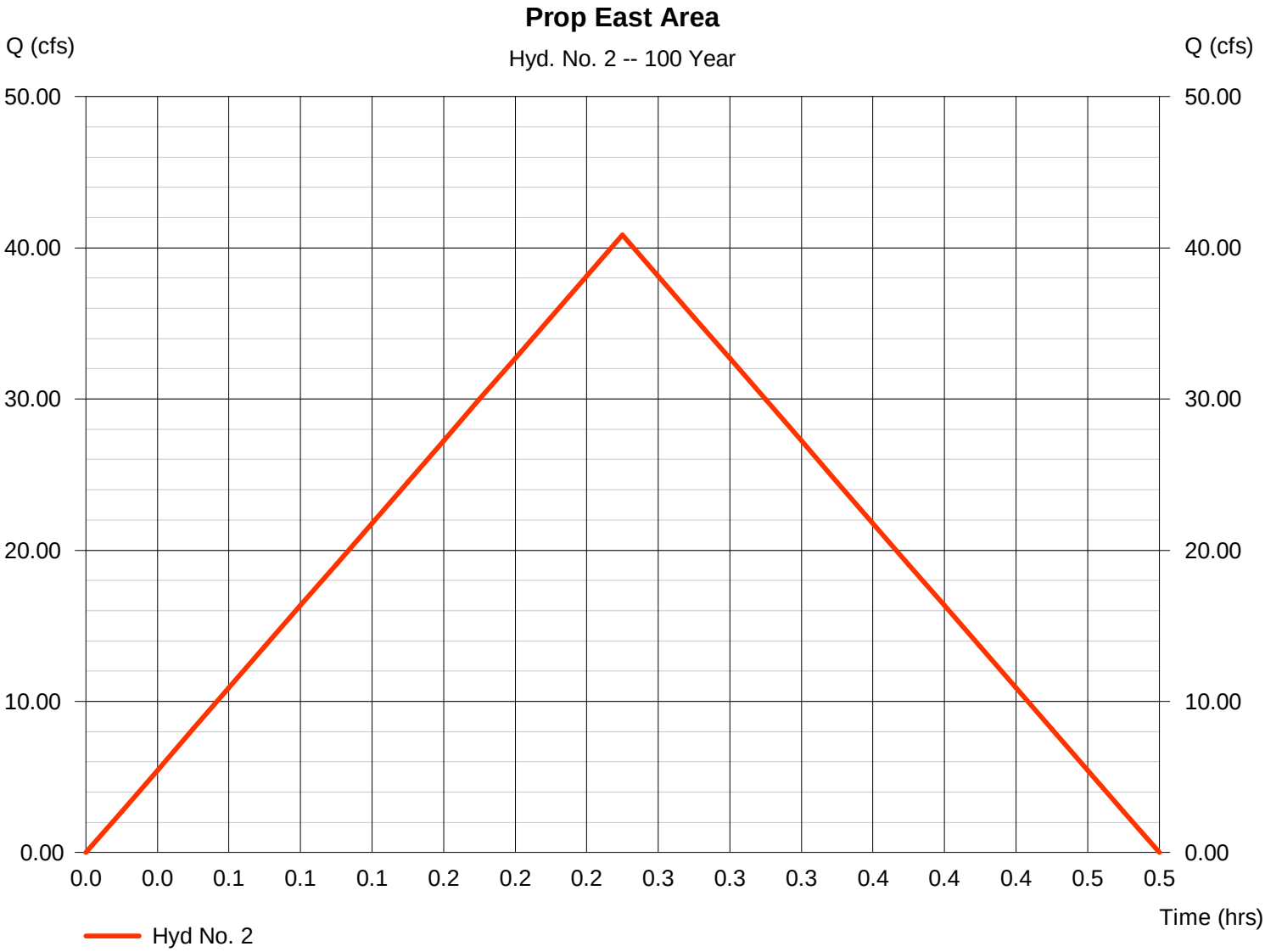


Hydrograph Report

Hyd. No. 2

Prop East Area

Hydrograph type	=	Rational	Peak discharge	=	40.85 cfs
Storm frequency	=	100 yrs	Time to peak	=	0.25 hrs
Time interval	=	1 min	Hyd. volume	=	0.844 acft
Drainage area	=	8.000 ac	Runoff coeff.	=	0.7
Intensity	=	7.295 in/hr	Tc by User	=	15.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

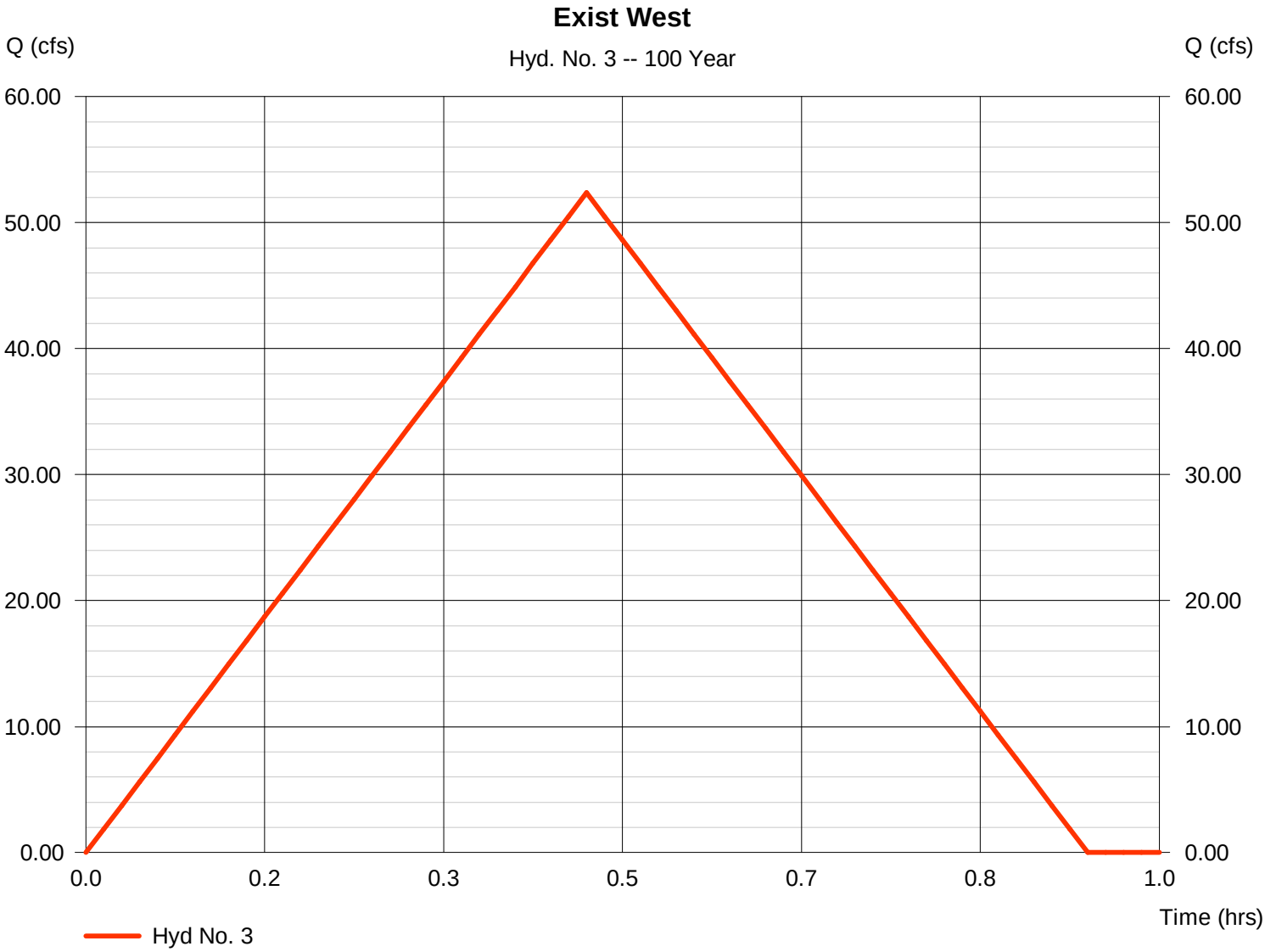


Hydrograph Report

Hyd. No. 3

Exist West

Hydrograph type	=	Rational	Peak discharge	=	52.37 cfs
Storm frequency	=	100 yrs	Time to peak	=	0.47 hrs
Time interval	=	1 min	Hyd. volume	=	2.020 acft
Drainage area	=	17.800 ac	Runoff coeff.	=	0.53
Intensity	=	5.551 in/hr	Tc by TR55	=	28.25 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

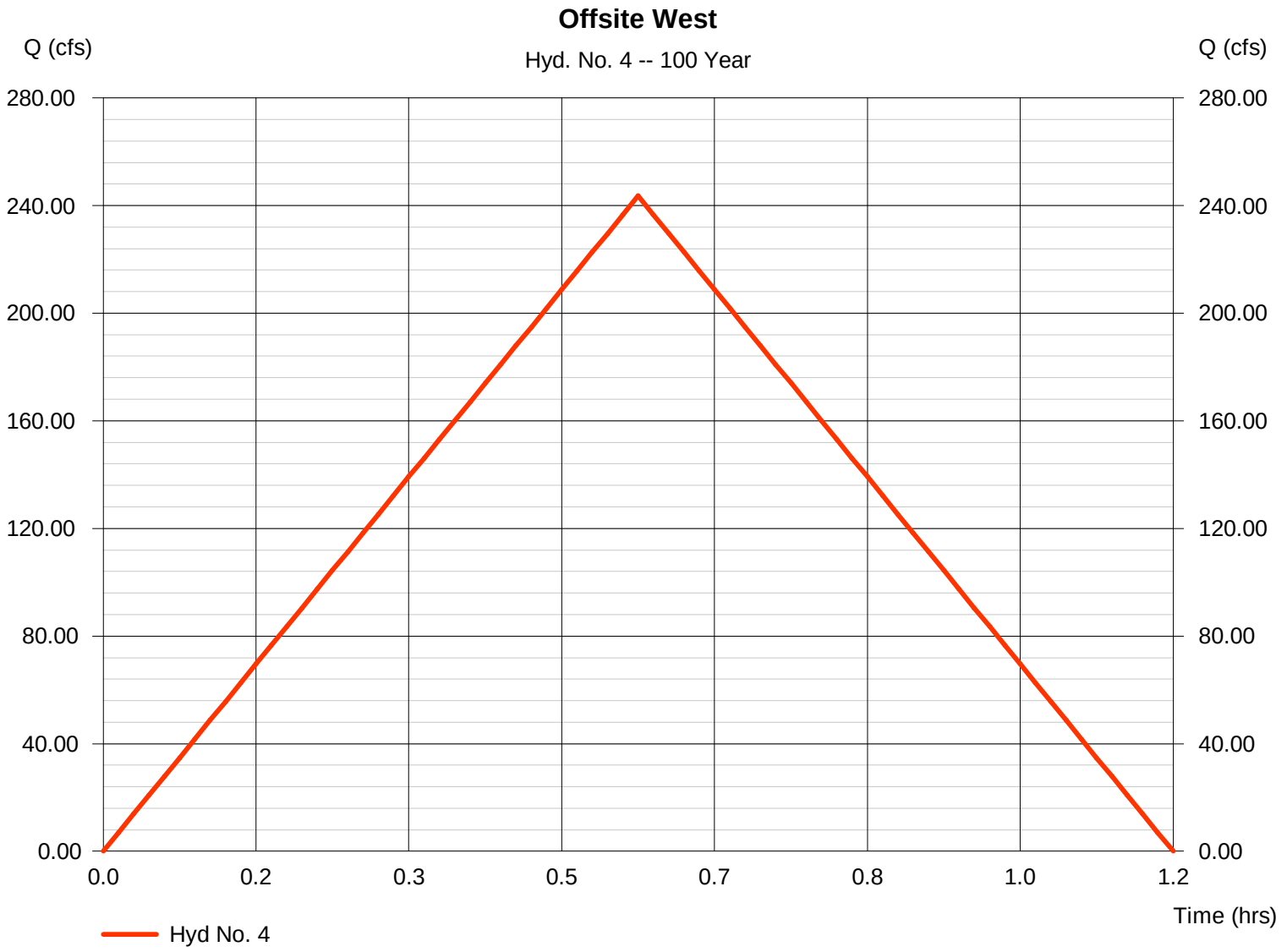


Hydrograph Report

Hyd. No. 4

Offsite West

Hydrograph type	=	Rational	Peak discharge	=	243.55 cfs
Storm frequency	=	100 yrs	Time to peak	=	0.58 hrs
Time interval	=	1 min	Hyd. volume	=	11.742 acft
Drainage area	=	93.000 ac	Runoff coeff.	=	0.53
Intensity	=	4.941 in/hr	Tc by TR55	=	35.00 min
IDF Curve	=	wich15min.IDF	Asc/Rec limb fact	=	1/1

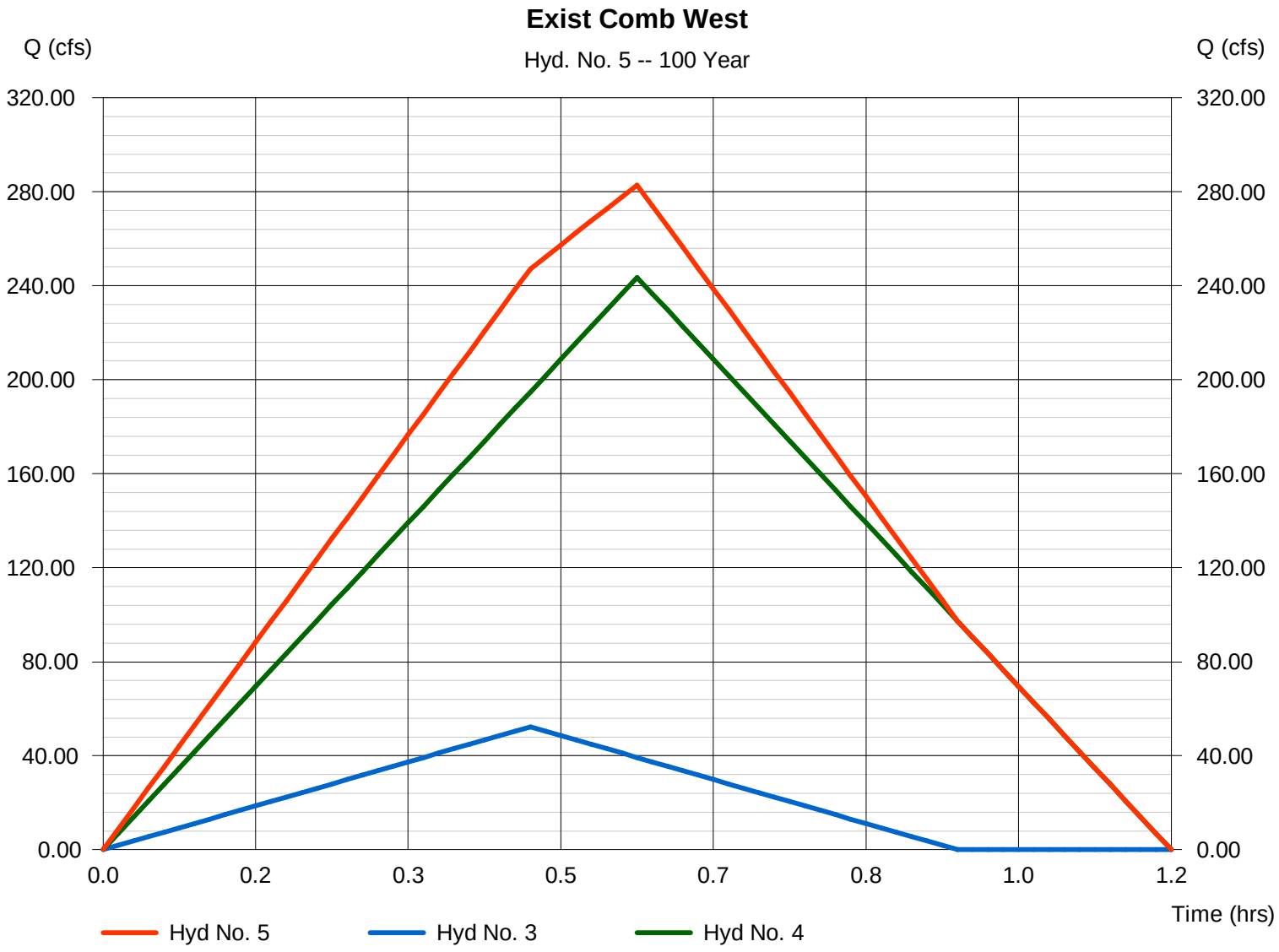


Hydrograph Report

Hyd. No. 5

Exist Comb West

Hydrograph type	= Combine	Peak discharge	= 282.83 cfs
Storm frequency	= 100 yrs	Time to peak	= 0.58 hrs
Time interval	= 1 min	Hyd. volume	= 13.761 acft
Inflow hyds.	= 3, 4	Contrib. drain. area	= 110.800 ac

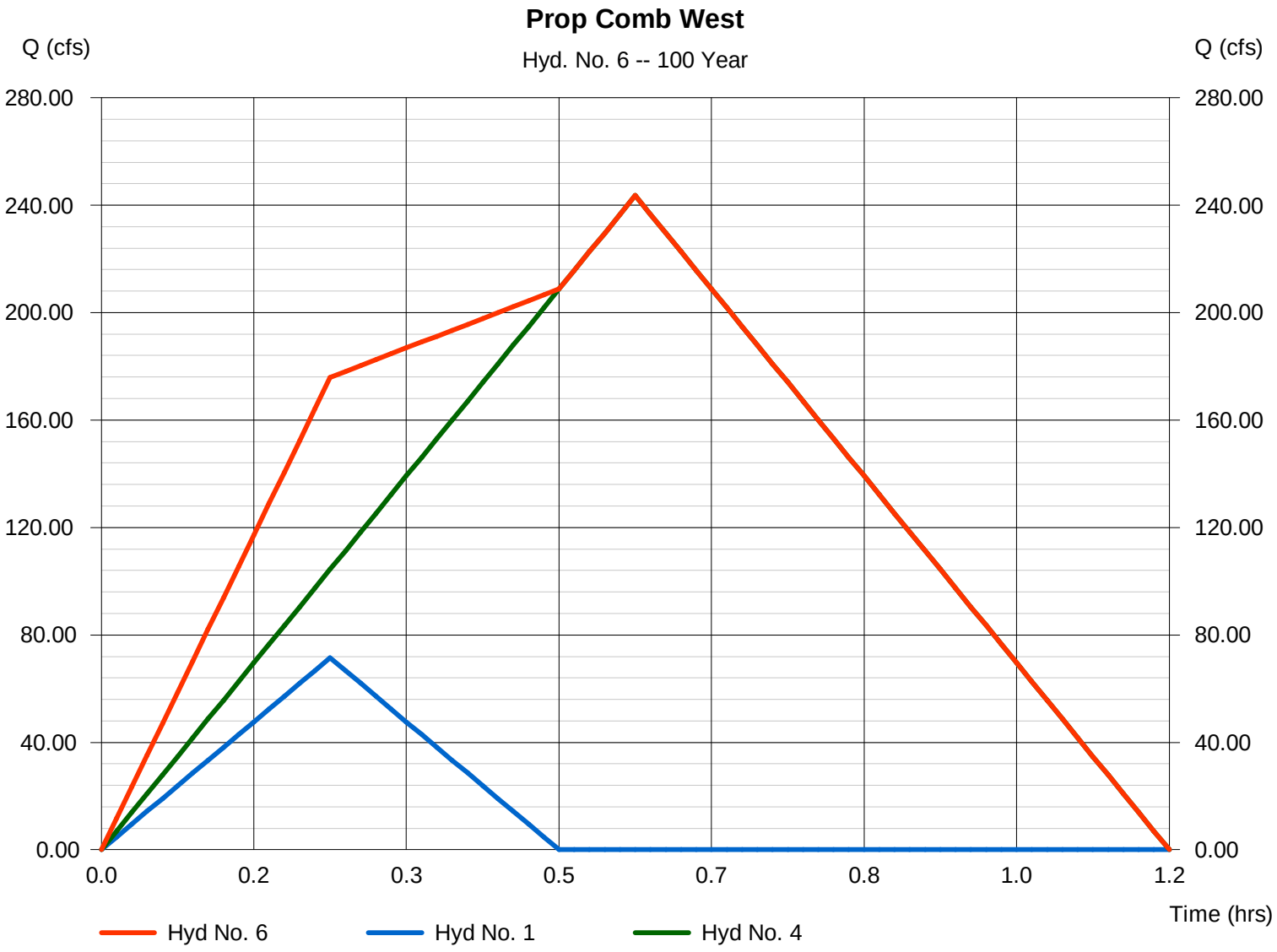


Hydrograph Report

Hyd. No. 6

Prop Comb West

Hydrograph type	= Combine	Peak discharge	= 243.55 cfs
Storm frequency	= 100 yrs	Time to peak	= 0.58 hrs
Time interval	= 1 min	Hyd. volume	= 13.219 acft
Inflow hyds.	= 1, 4	Contrib. drain. area	= 107.000 ac



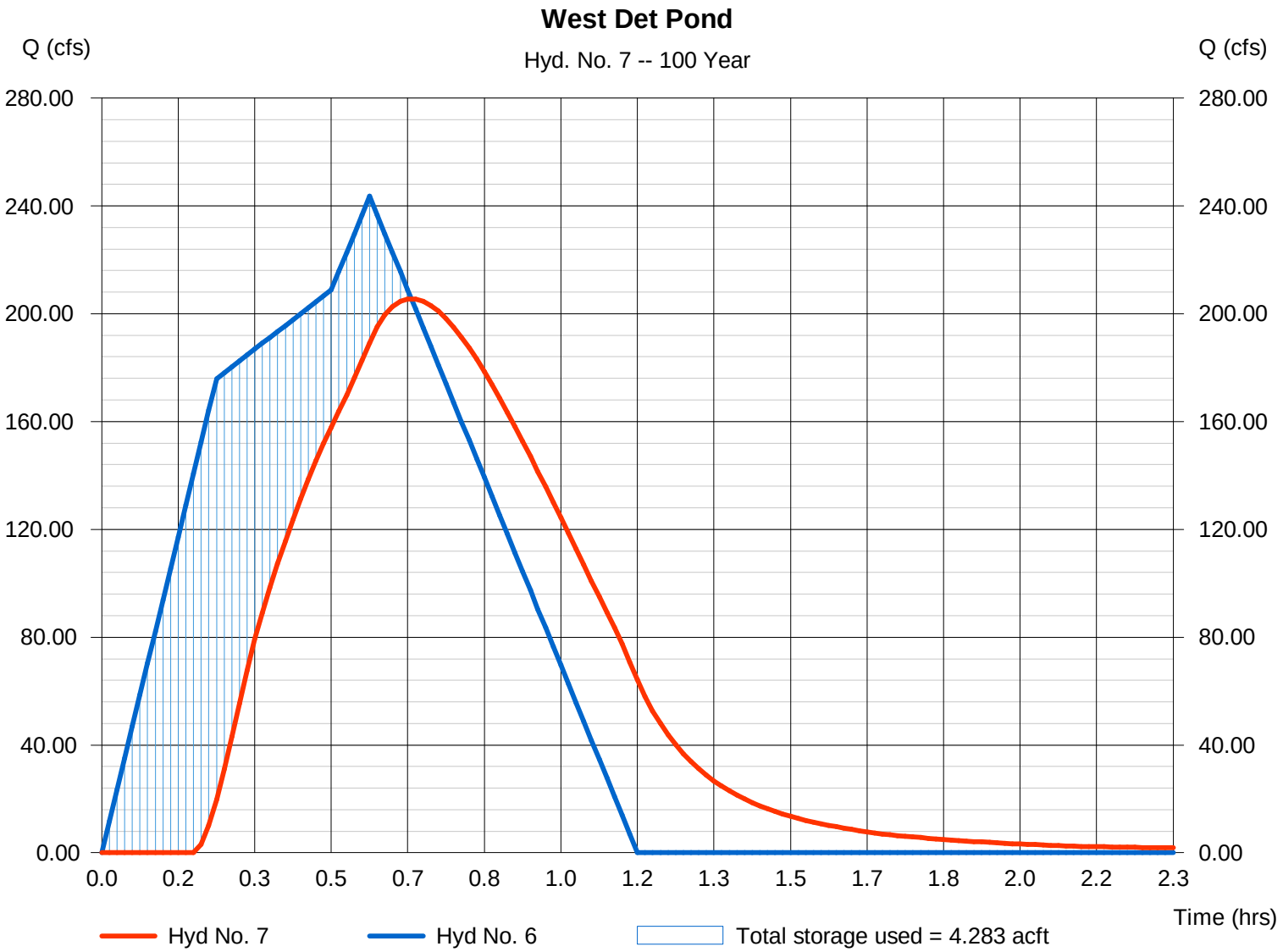
Hydrograph Report

Hyd. No. 7

West Det Pond

Hydrograph type	= Reservoir	Peak discharge	= 205.48 cfs
Storm frequency	= 100 yrs	Time to peak	= 0.67 hrs
Time interval	= 1 min	Hyd. volume	= 12.027 acft
Inflow hyd. No.	= 6 - Prop Comb West	Max. Elevation	= 1346.91 ft
Reservoir name	= West Pond	Max. Storage	= 4.283 acft

Storage Indication method used.

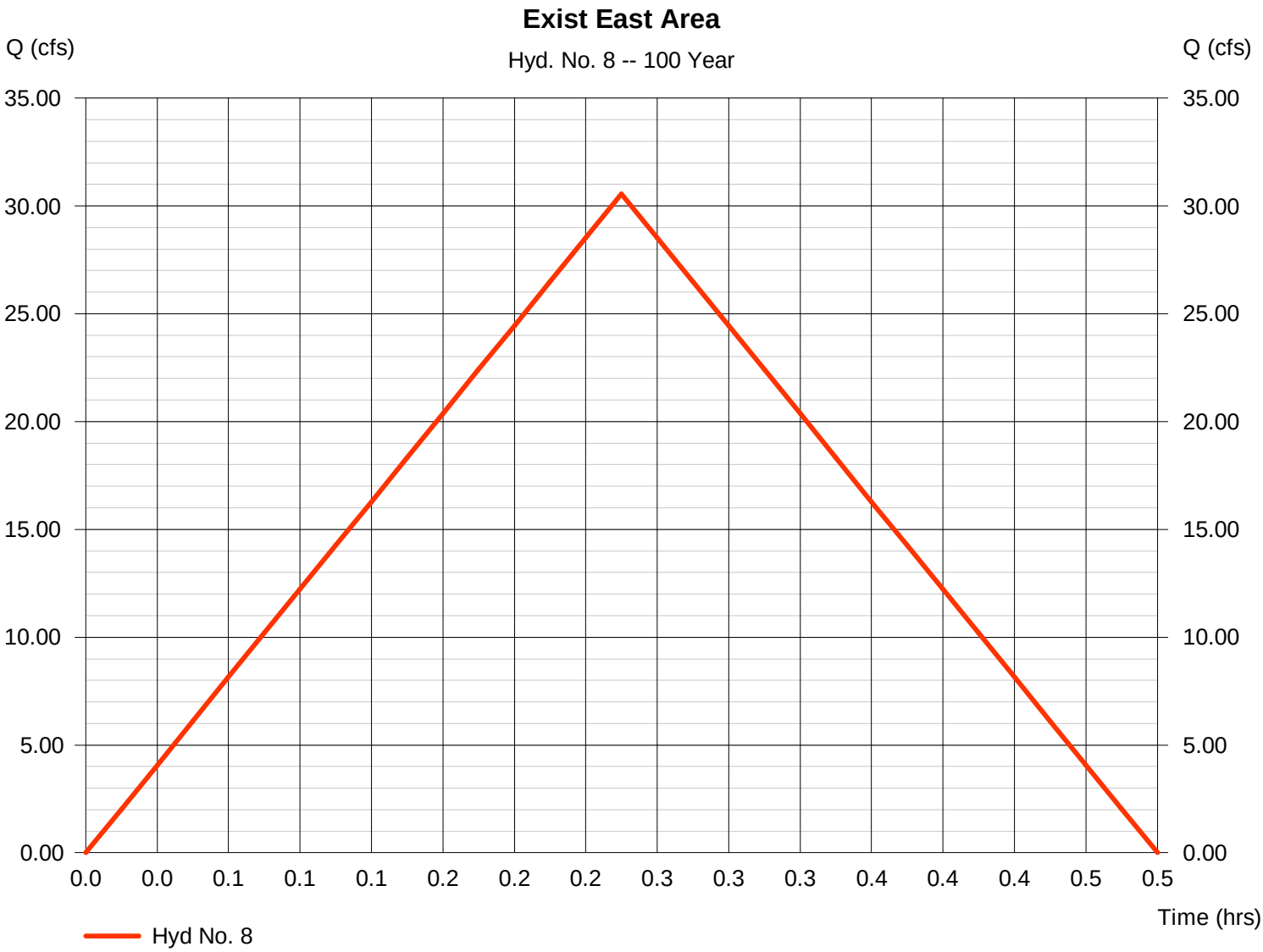


Hydrograph Report

Hyd. No. 8

Exist East Area

Hydrograph type	= Rational	Peak discharge	= 30.55 cfs
Storm frequency	= 100 yrs	Time to peak	= 0.25 hrs
Time interval	= 1 min	Hyd. volume	= 0.631 acft
Drainage area	= 7.900 ac	Runoff coeff.	= 0.53
Intensity	= 7.295 in/hr	Tc by User	= 15.00 min
IDF Curve	= wich15min.IDF	Asc/Rec limb fact	= 1/1



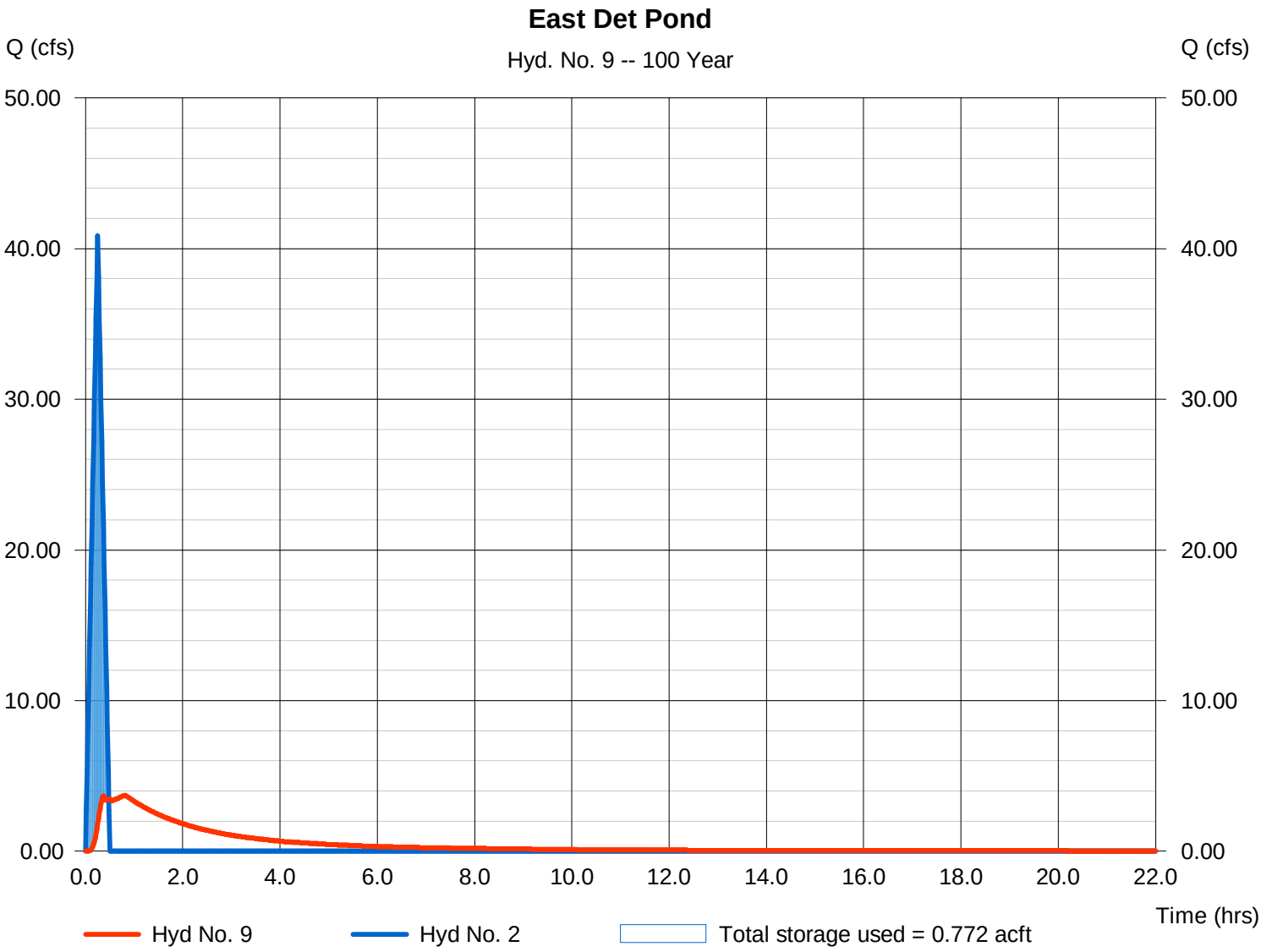
Hydrograph Report

Hyd. No. 9

East Det Pond

Hydrograph type	=	Reservoir	Peak discharge	=	3.717 cfs
Storm frequency	=	100 yrs	Time to peak	=	0.82 hrs
Time interval	=	1 min	Hyd. volume	=	0.841 acft
Inflow hyd. No.	=	2 - Prop East Area	Max. Elevation	=	1343.88 ft
Reservoir name	=	NE Pond	Max. Storage	=	0.772 acft

Storage Indication method used.

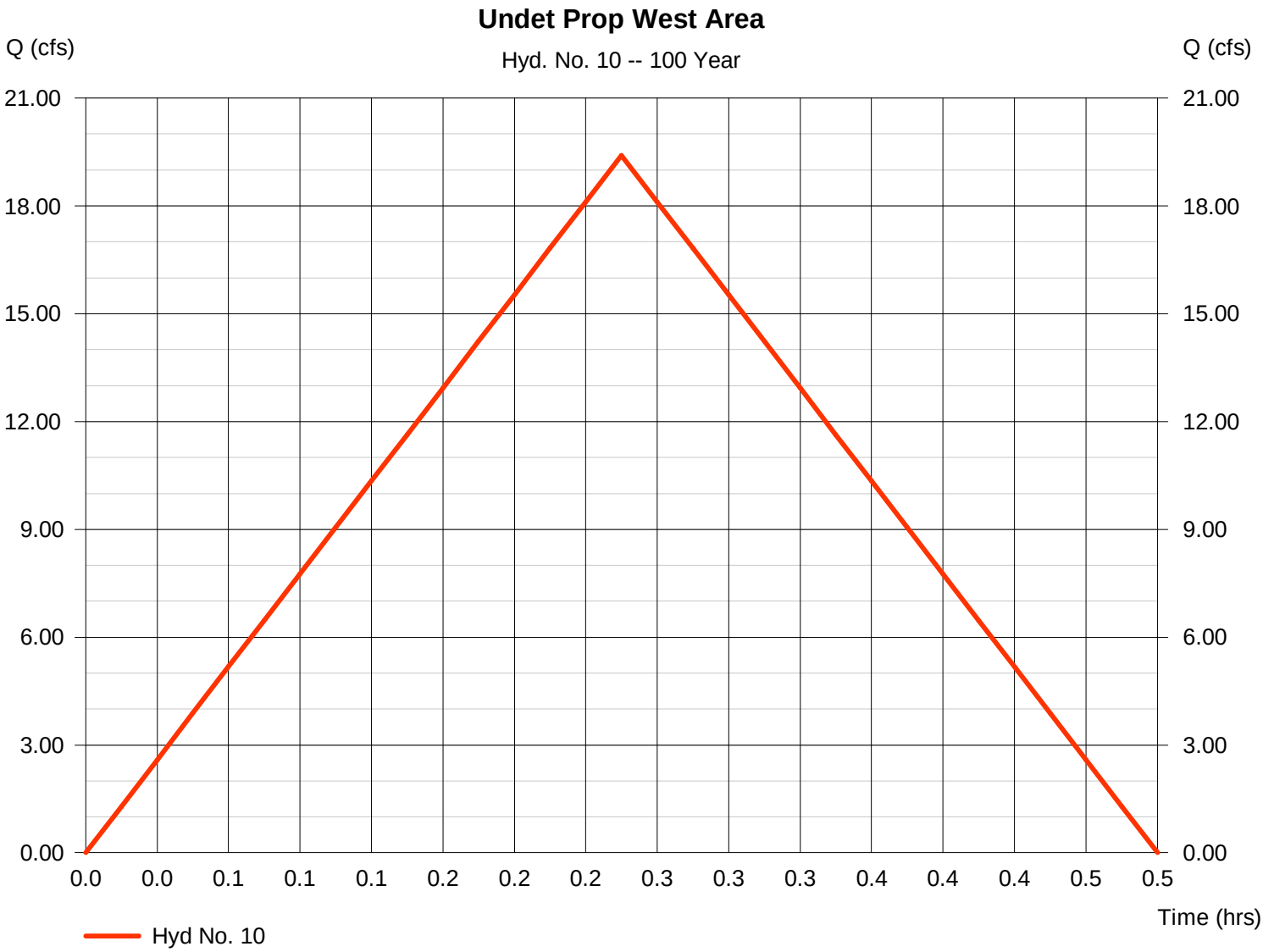


Hydrograph Report

Hyd. No. 10

Undet Prop West Area

Hydrograph type	= Rational	Peak discharge	= 19.41 cfs
Storm frequency	= 100 yrs	Time to peak	= 0.25 hrs
Time interval	= 1 min	Hyd. volume	= 0.401 acft
Drainage area	= 3.800 ac	Runoff coeff.	= 0.7
Intensity	= 7.295 in/hr	Tc by User	= 15.00 min
IDF Curve	= wich15min.IDF	Asc/Rec limb fact	= 1/1



Hydrograph Report

Hyd. No. 11

Prop Total West

Hydrograph type	= Combine	Peak discharge	= 205.48 cfs
Storm frequency	= 100 yrs	Time to peak	= 0.67 hrs
Time interval	= 1 min	Hyd. volume	= 12.428 acft
Inflow hyds.	= 7, 10	Contrib. drain. area	= 3.800 ac