

Watershed Model Schematic

1 - KSB Exist


2 - KSB Prop


Legend

<u>Hyd.</u>	<u>Origin</u>	<u>Description</u>
1	Rational	KSB Exist
2	Rational	KSB Prop

Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (acft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (acft)	Hydrograph description
1	Rational	3.264	1	15	0.067	----	-----	-----	KSB Exist
2	Rational	3.897	1	15	0.081	----	-----	-----	KSB Prop
KSB_drainA.gpw					Return Period: 2 Year			Tuesday, Apr 24, 2007	

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

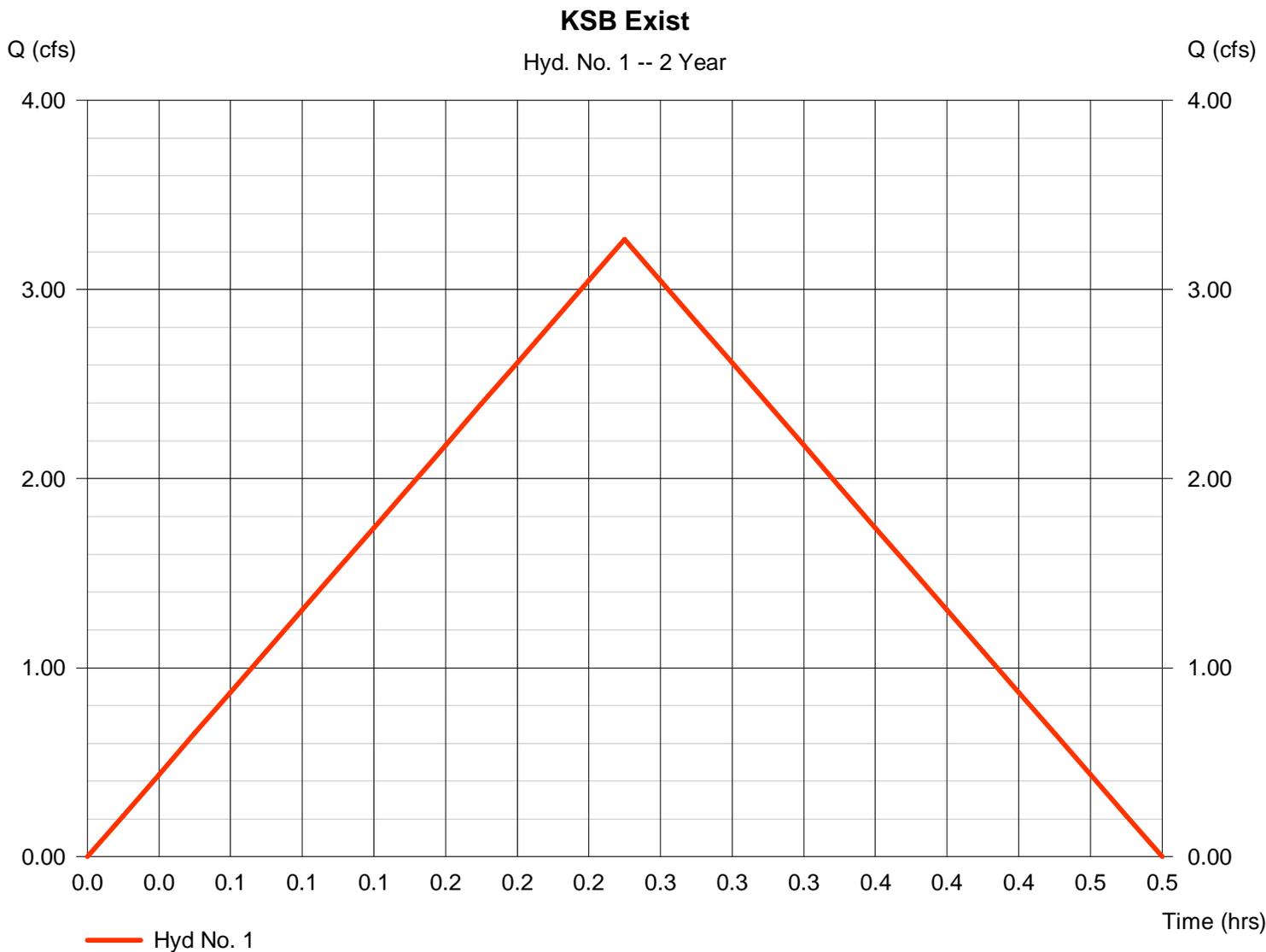
Tuesday, Apr 24, 2007

Hyd. No. 1

KSB Exist

Hydrograph type = Rational
 Storm frequency = 2 yrs
 Time interval = 1 min
 Drainage area = 1.250 ac
 Intensity = 3.897 in/hr
 IDF Curve = wich15min.IDF

Peak discharge = 3.264 cfs
 Time to peak = 0.25 hrs
 Hyd. volume = 0.067 acft
 Runoff coeff. = 0.67
 Tc by User = 15.00 min
 Asc/Rec limb fact = 1/1



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

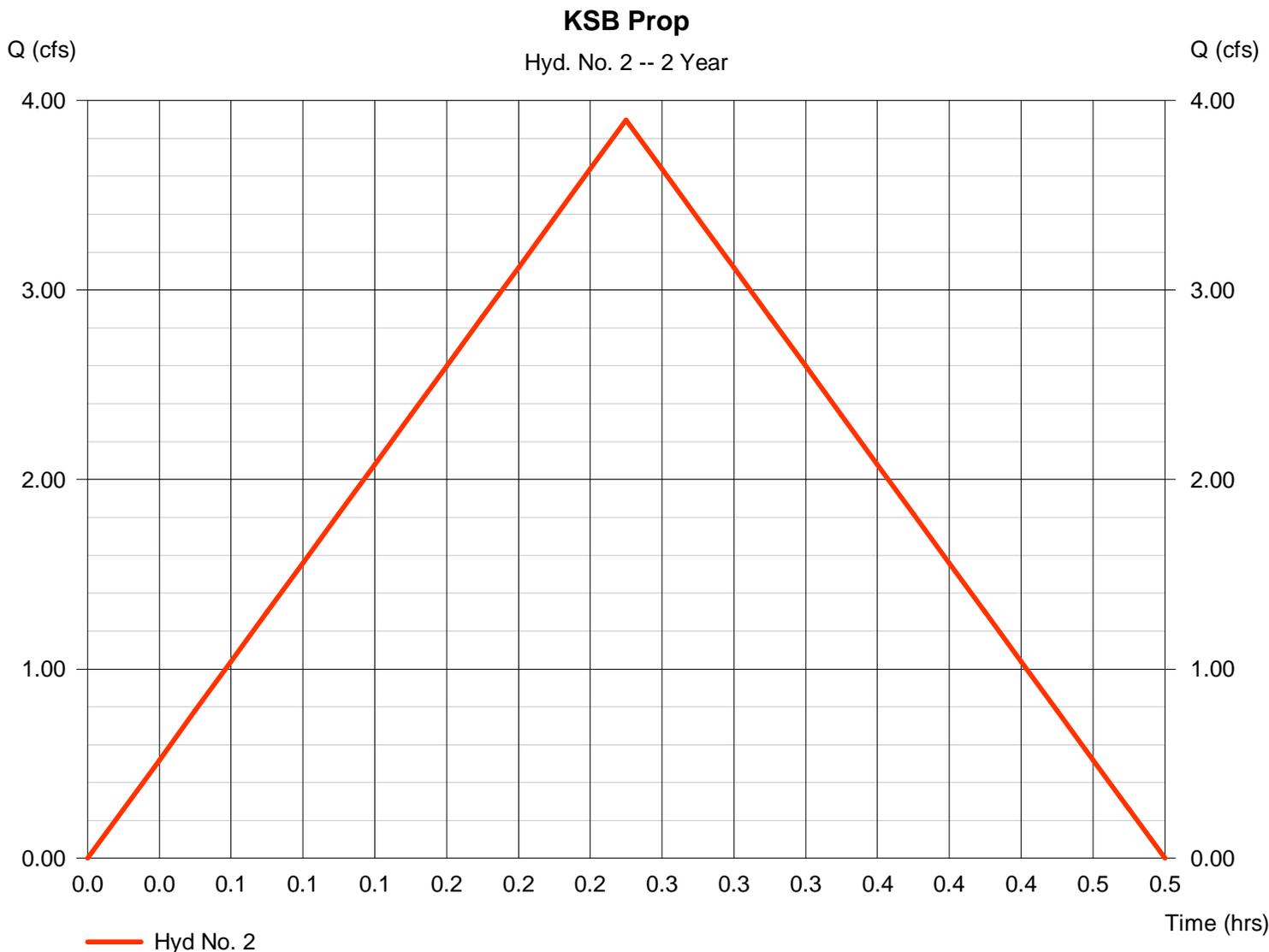
Tuesday, Apr 24, 2007

Hyd. No. 2

KSB Prop

Hydrograph type = Rational
 Storm frequency = 2 yrs
 Time interval = 1 min
 Drainage area = 1.250 ac
 Intensity = 3.897 in/hr
 IDF Curve = wich15min.IDF

Peak discharge = 3.897 cfs
 Time to peak = 0.25 hrs
 Hyd. volume = 0.081 acft
 Runoff coeff. = 0.8
 Tc by User = 15.00 min
 Asc/Rec limb fact = 1/1



Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (acft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (acft)	Hydrograph description
1	Rational	3.894	1	15	0.080	----	-----	-----	KSB Exist
2	Rational	4.650	1	15	0.096	----	-----	-----	KSB Prop
KSB_drainA.gpw					Return Period: 5 Year			Tuesday, Apr 24, 2007	

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

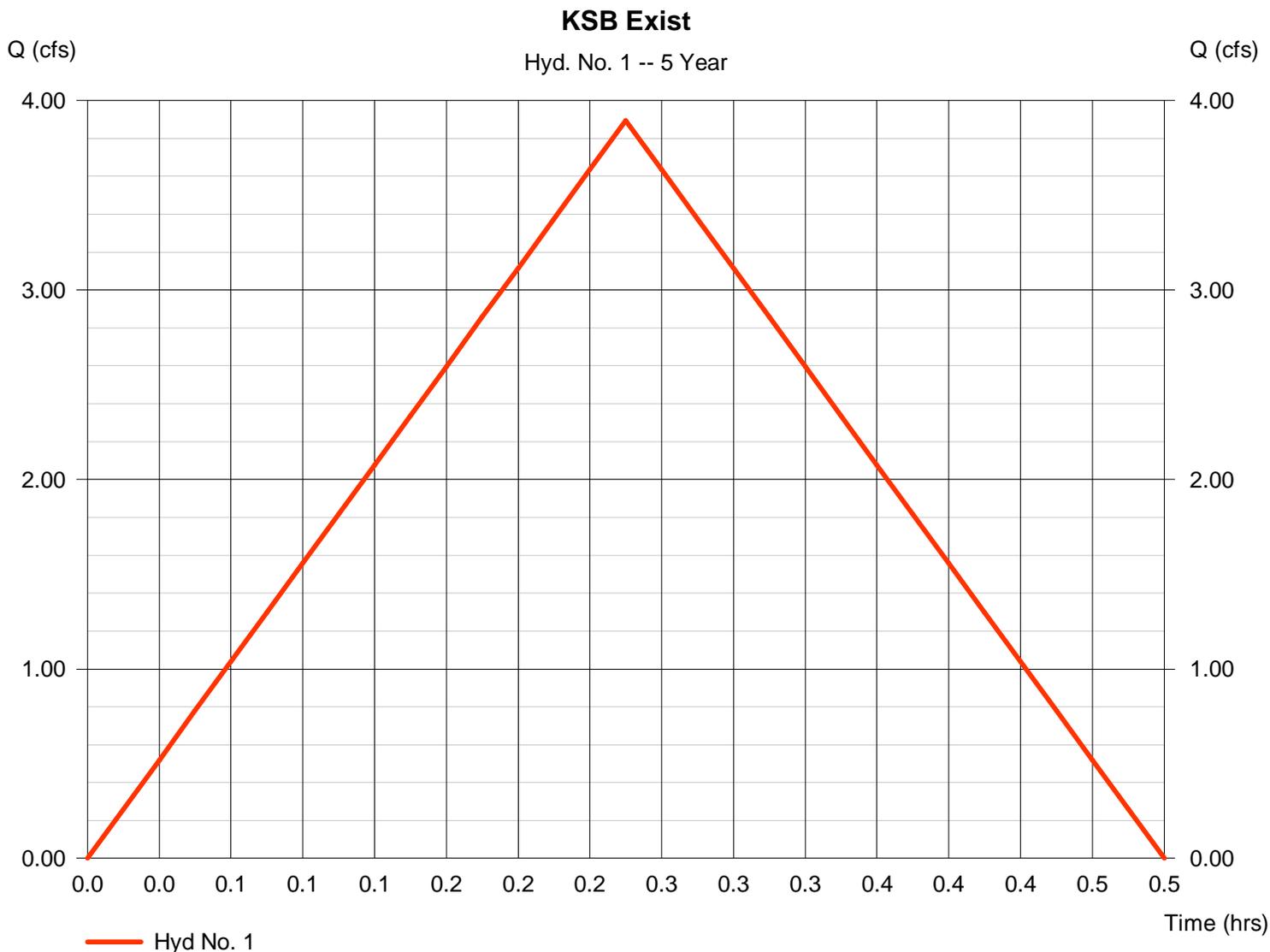
Tuesday, Apr 24, 2007

Hyd. No. 1

KSB Exist

Hydrograph type = Rational
 Storm frequency = 5 yrs
 Time interval = 1 min
 Drainage area = 1.250 ac
 Intensity = 4.650 in/hr
 IDF Curve = wich15min.IDF

Peak discharge = 3.894 cfs
 Time to peak = 0.25 hrs
 Hyd. volume = 0.080 acft
 Runoff coeff. = 0.67
 Tc by User = 15.00 min
 Asc/Rec limb fact = 1/1



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

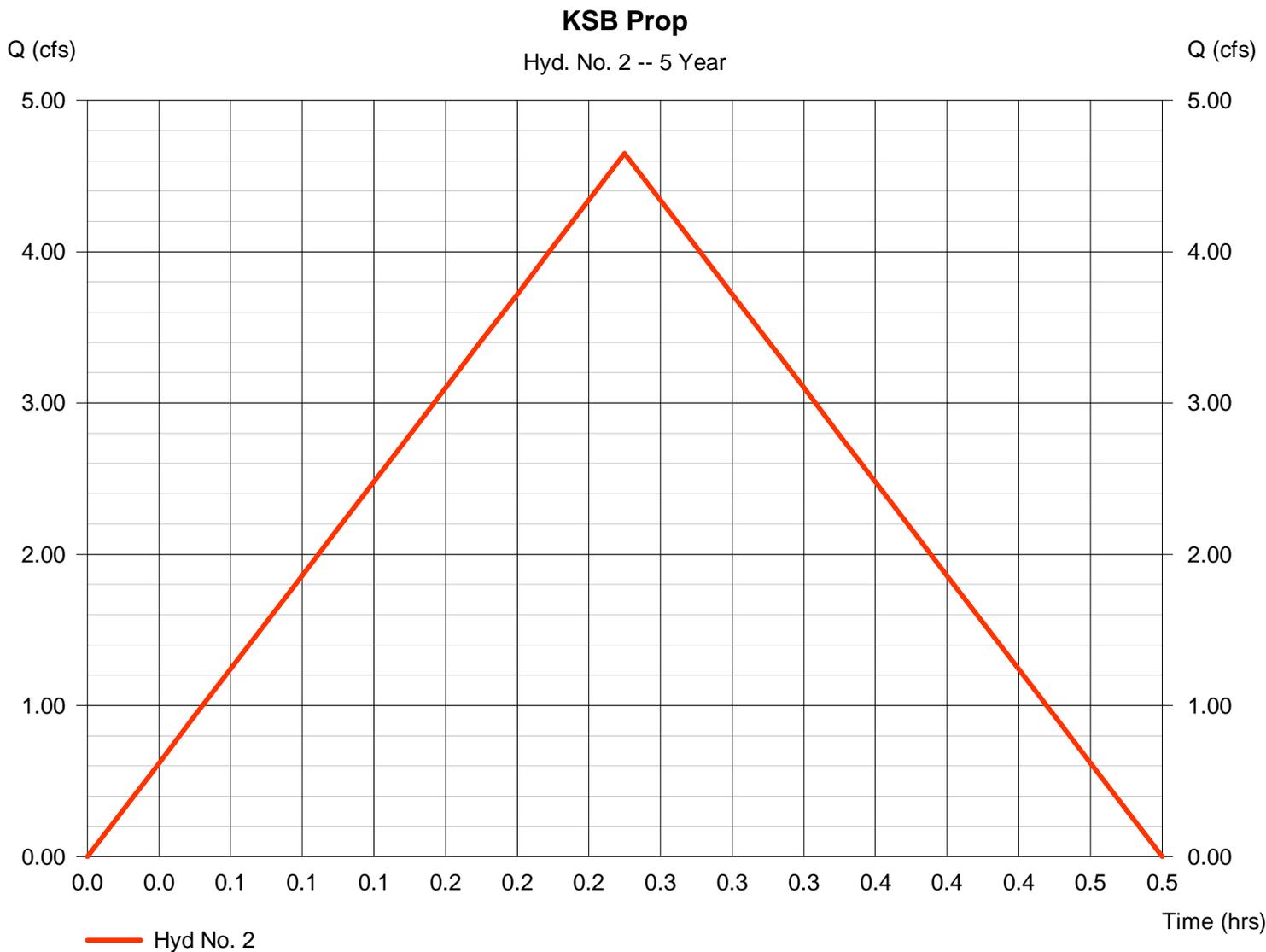
Tuesday, Apr 24, 2007

Hyd. No. 2

KSB Prop

Hydrograph type = Rational
 Storm frequency = 5 yrs
 Time interval = 1 min
 Drainage area = 1.250 ac
 Intensity = 4.650 in/hr
 IDF Curve = wich15min.IDF

Peak discharge = 4.650 cfs
 Time to peak = 0.25 hrs
 Hyd. volume = 0.096 acft
 Runoff coeff. = 0.8
 Tc by User = 15.00 min
 Asc/Rec limb fact = 1/1



Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (acft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (acft)	Hydrograph description
1	Rational	4.364	1	15	0.090	----	-----	-----	KSB Exist
2	Rational	5.210	1	15	0.108	----	-----	-----	KSB Prop
KSB_drainA.gpw					Return Period: 10 Year			Tuesday, Apr 24, 2007	

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

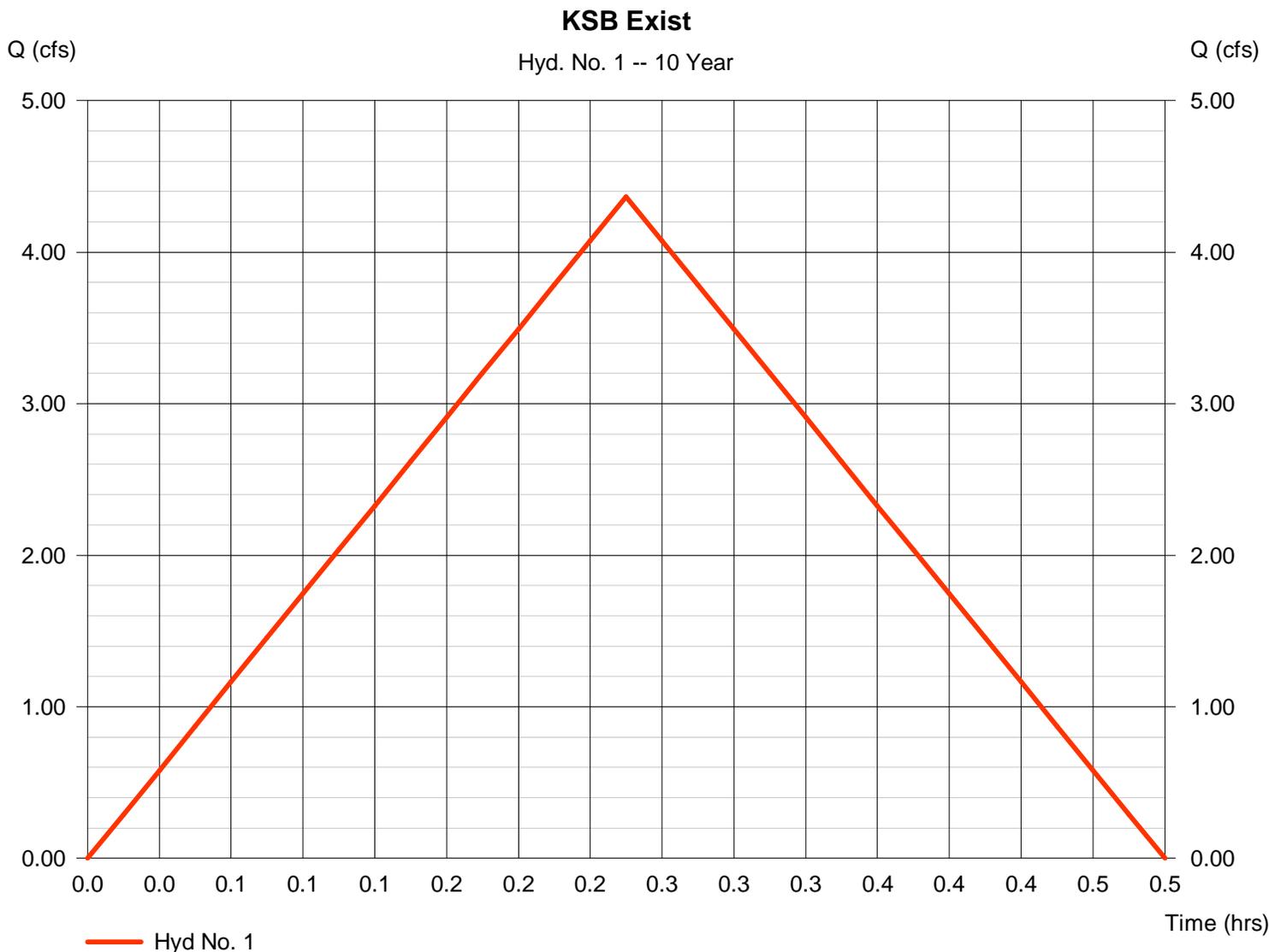
Tuesday, Apr 24, 2007

Hyd. No. 1

KSB Exist

Hydrograph type = Rational
 Storm frequency = 10 yrs
 Time interval = 1 min
 Drainage area = 1.250 ac
 Intensity = 5.210 in/hr
 IDF Curve = wich15min.IDF

Peak discharge = 4.364 cfs
 Time to peak = 0.25 hrs
 Hyd. volume = 0.090 acft
 Runoff coeff. = 0.67
 Tc by User = 15.00 min
 Asc/Rec limb fact = 1/1



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

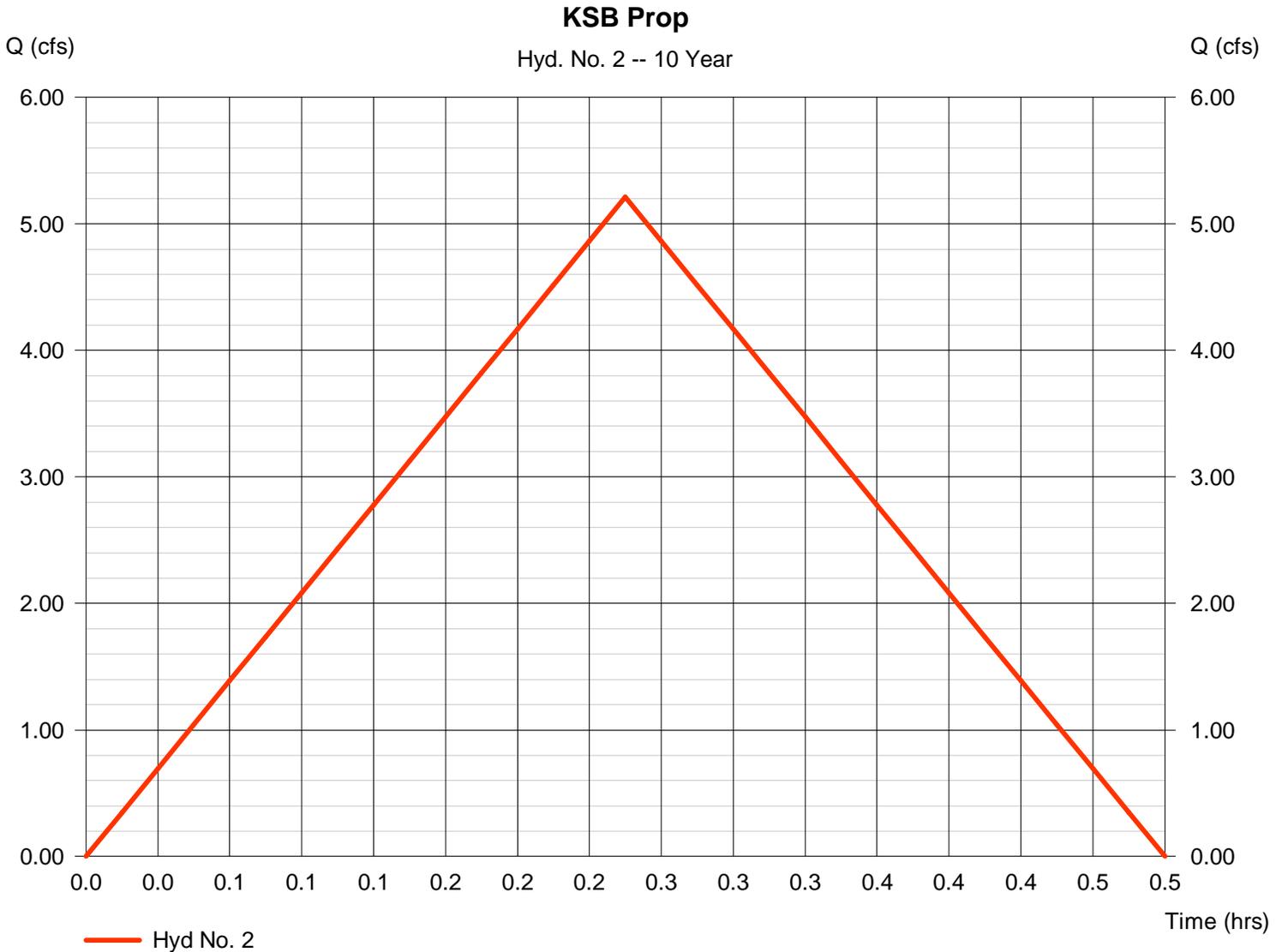
Tuesday, Apr 24, 2007

Hyd. No. 2

KSB Prop

Hydrograph type = Rational
Storm frequency = 10 yrs
Time interval = 1 min
Drainage area = 1.250 ac
Intensity = 5.210 in/hr
IDF Curve = wich15min.IDF

Peak discharge = 5.210 cfs
Time to peak = 0.25 hrs
Hyd. volume = 0.108 acft
Runoff coeff. = 0.8
Tc by User = 15.00 min
Asc/Rec limb fact = 1/1



Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (acft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (acft)	Hydrograph description
1	Rational	5.050	1	15	0.104	----	-----	-----	KSB Exist
2	Rational	6.029	1	15	0.125	----	-----	-----	KSB Prop
KSB_drainA.gpw					Return Period: 25 Year			Tuesday, Apr 24, 2007	

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

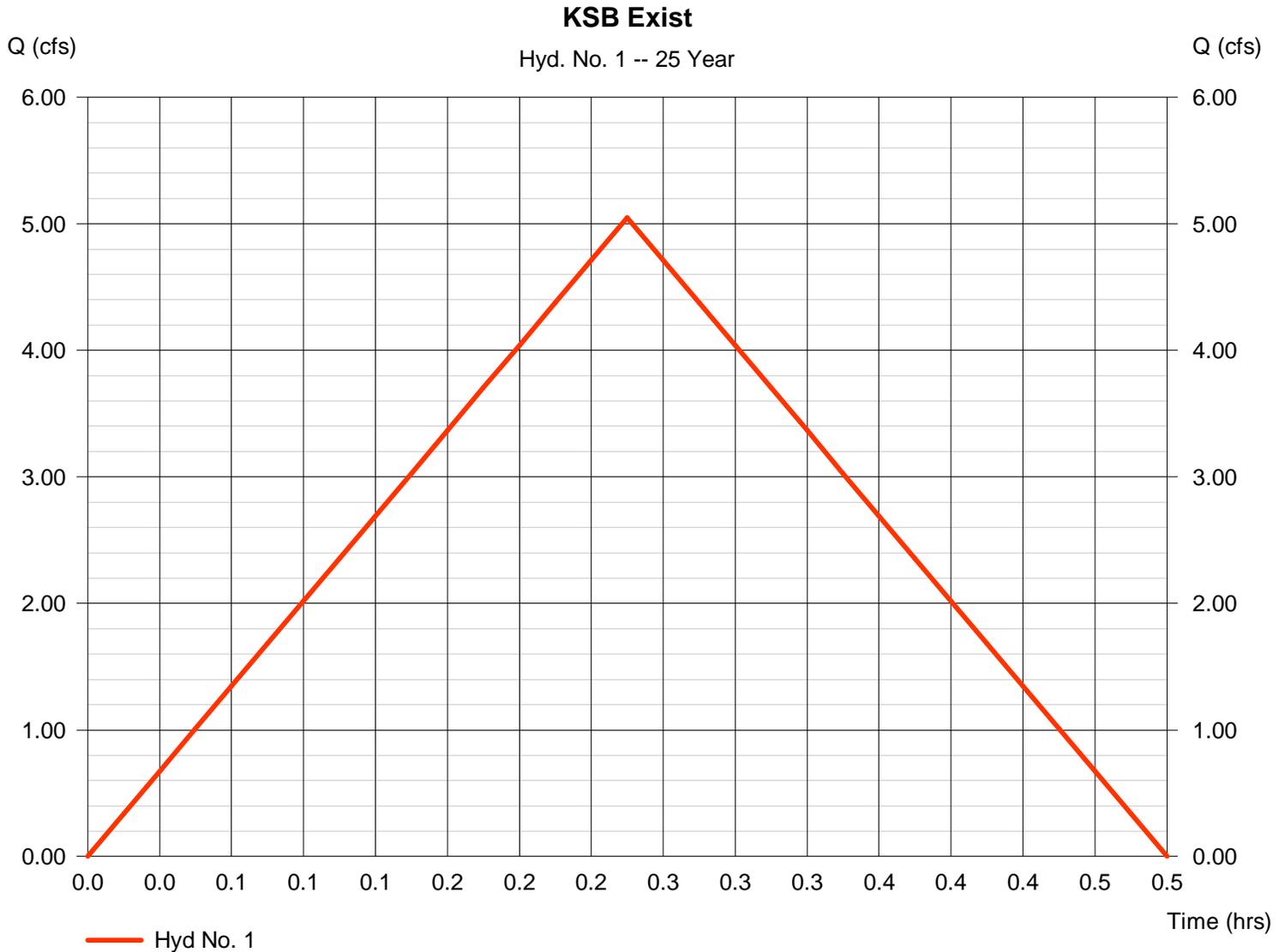
Tuesday, Apr 24, 2007

Hyd. No. 1

KSB Exist

Hydrograph type = Rational
Storm frequency = 25 yrs
Time interval = 1 min
Drainage area = 1.250 ac
Intensity = 6.029 in/hr
IDF Curve = wich15min.IDF

Peak discharge = 5.050 cfs
Time to peak = 0.25 hrs
Hyd. volume = 0.104 acft
Runoff coeff. = 0.67
Tc by User = 15.00 min
Asc/Rec limb fact = 1/1



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

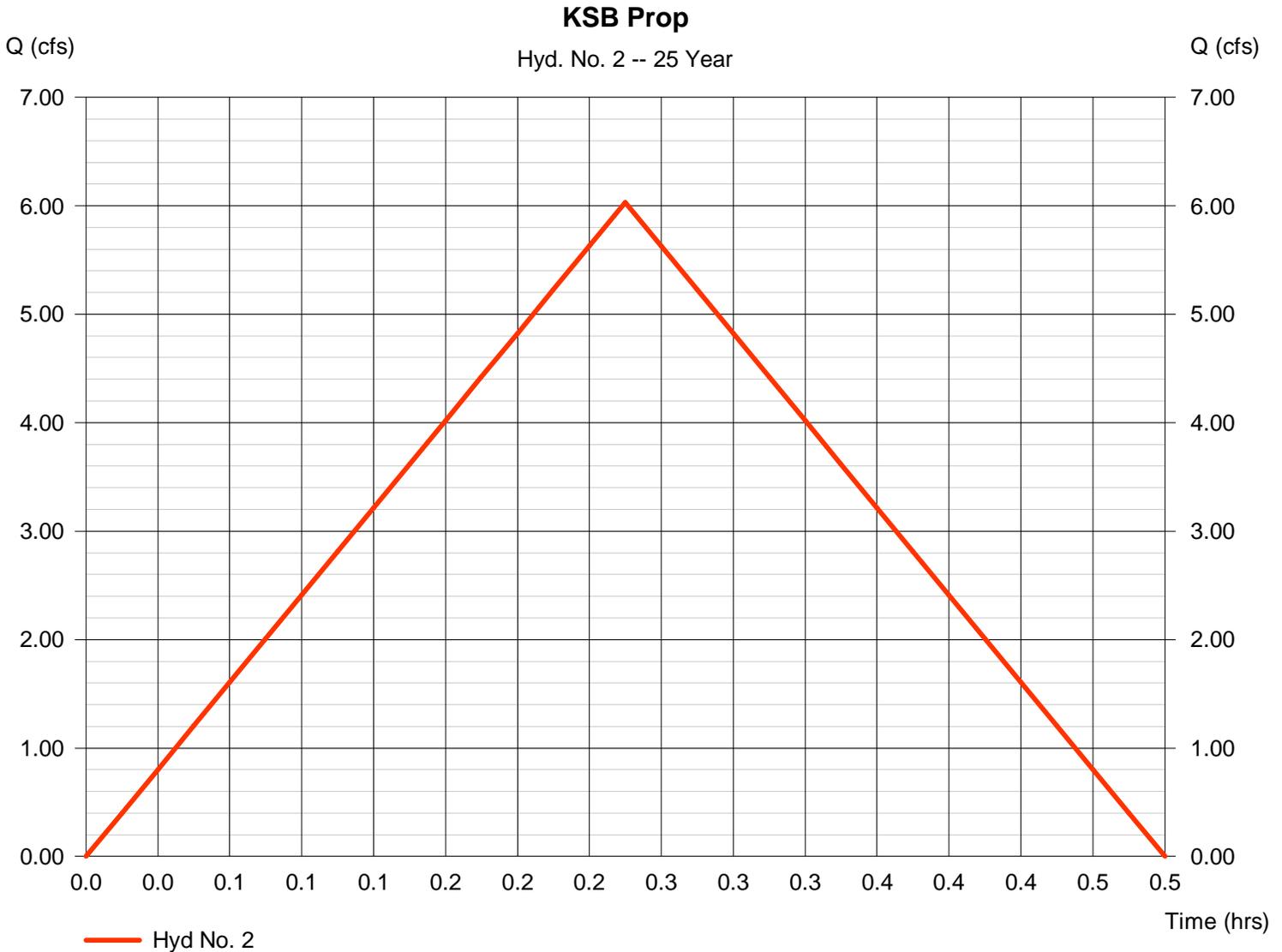
Tuesday, Apr 24, 2007

Hyd. No. 2

KSB Prop

Hydrograph type = Rational
Storm frequency = 25 yrs
Time interval = 1 min
Drainage area = 1.250 ac
Intensity = 6.029 in/hr
IDF Curve = wich15min.IDF

Peak discharge = 6.029 cfs
Time to peak = 0.25 hrs
Hyd. volume = 0.125 acft
Runoff coeff. = 0.8
Tc by User = 15.00 min
Asc/Rec limb fact = 1/1



Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (acft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (acft)	Hydrograph description
1	Rational	6.110	1	15	0.126	----	-----	-----	KSB Exist
2	Rational	7.295	1	15	0.151	----	-----	-----	KSB Prop
KSB_drainA.gpw					Return Period: 100 Year			Tuesday, Apr 24, 2007	

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

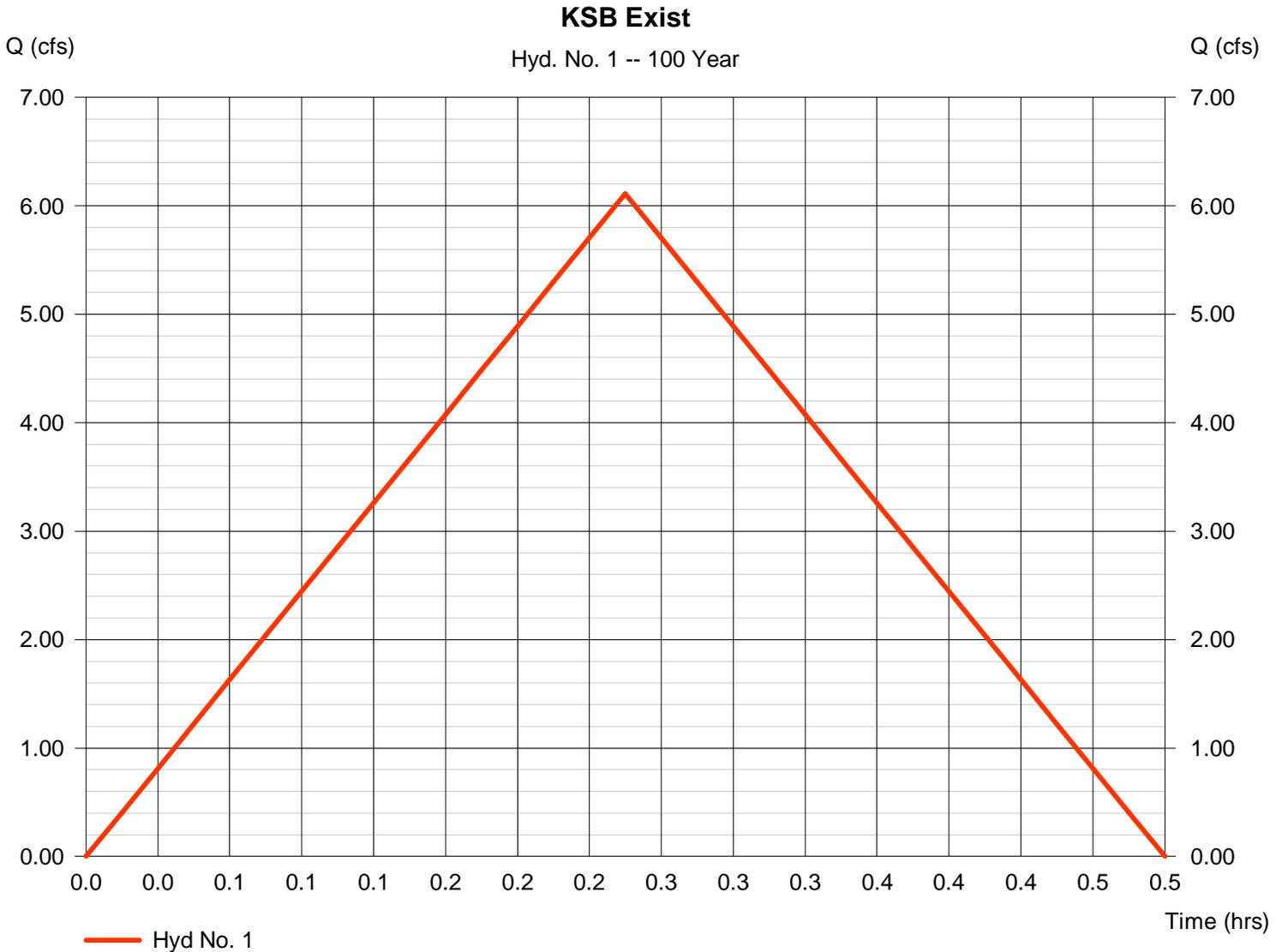
Tuesday, Apr 24, 2007

Hyd. No. 1

KSB Exist

Hydrograph type = Rational
Storm frequency = 100 yrs
Time interval = 1 min
Drainage area = 1.250 ac
Intensity = 7.295 in/hr
IDF Curve = wich15min.IDF

Peak discharge = 6.110 cfs
Time to peak = 0.25 hrs
Hyd. volume = 0.126 acft
Runoff coeff. = 0.67
Tc by User = 15.00 min
Asc/Rec limb fact = 1/1



Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02

Tuesday, Apr 24, 2007

Hyd. No. 2

KSB Prop

Hydrograph type = Rational
Storm frequency = 100 yrs
Time interval = 1 min
Drainage area = 1.250 ac
Intensity = 7.295 in/hr
IDF Curve = wich15min.IDF

Peak discharge = 7.295 cfs
Time to peak = 0.25 hrs
Hyd. volume = 0.151 acft
Runoff coeff. = 0.8
Tc by User = 15.00 min
Asc/Rec limb fact = 1/1

