

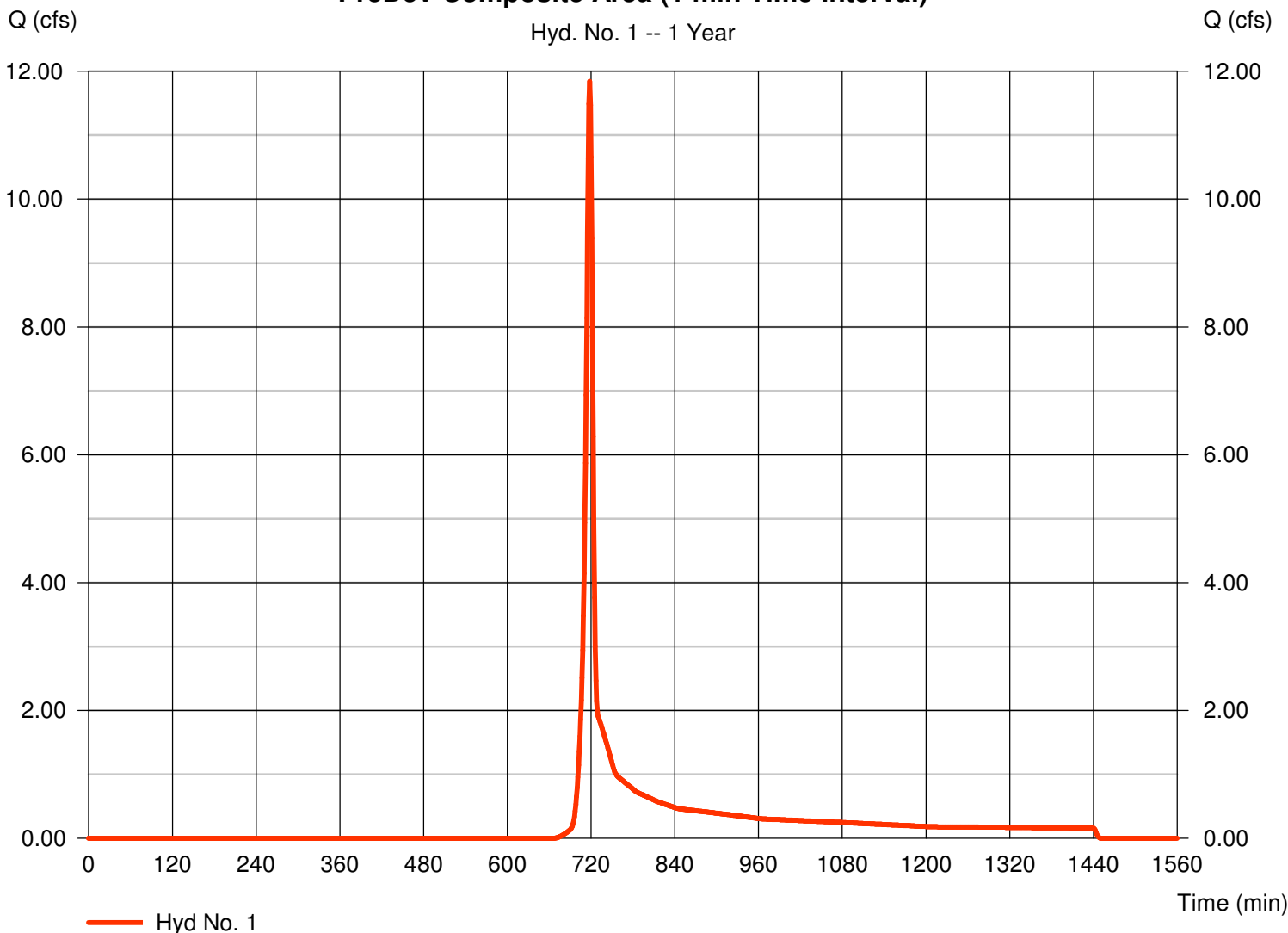
# Hydrograph Report

## Hyd. No. 1

PreDev-Composite Area (1 min Time Interval)

Hydrograph type	= SCS Runoff	Peak discharge	= 11.84 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 1 min	Hyd. volume	= 24,227 cuft
Drainage area	= 10.060 ac	Curve number	= 79
Basin Slope	= 6.8 %	Hydraulic length	= 320 ft
Tc method	= USER	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.20 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

**PreDev-Composite Area (1 min Time Interval)**



# Hydrograph Report

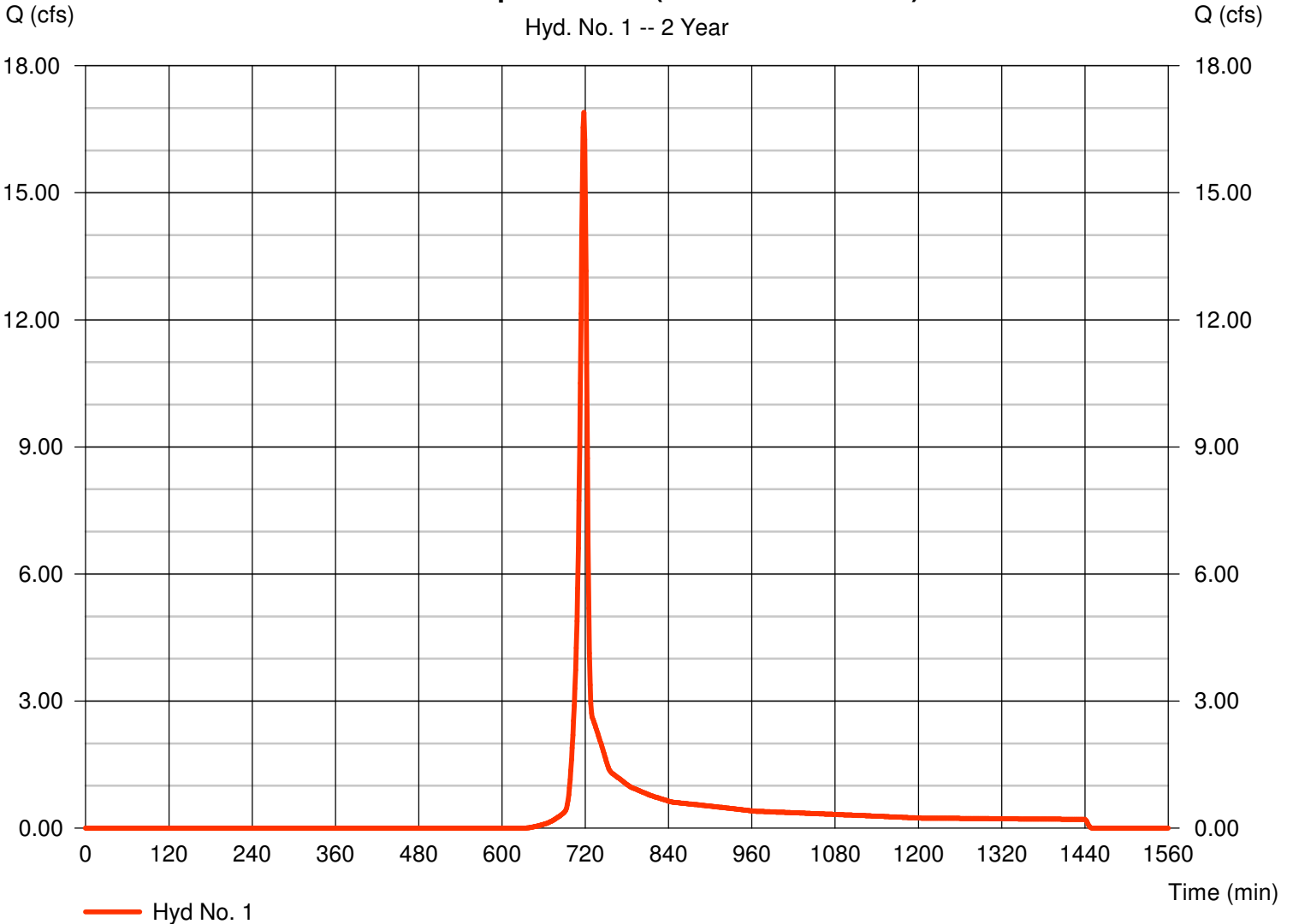
## Hyd. No. 1

PreDev-Composite Area (1 min Time Interval)

Hydrograph type = SCS Runoff  
Storm frequency = 2 yrs  
Time interval = 1 min  
Drainage area = 10.060 ac  
Basin Slope = 6.8 %  
Tc method = USER  
Total precip. = 2.60 in  
Storm duration = 24 hrs

Peak discharge = 16.90 cfs  
Time to peak = 718 min  
Hyd. volume = 34,086 cuft  
Curve number = 79  
Hydraulic length = 320 ft  
Time of conc. (Tc) = 5.00 min  
Distribution = Type II  
Shape factor = 484

PreDev-Composite Area (1 min Time Interval)



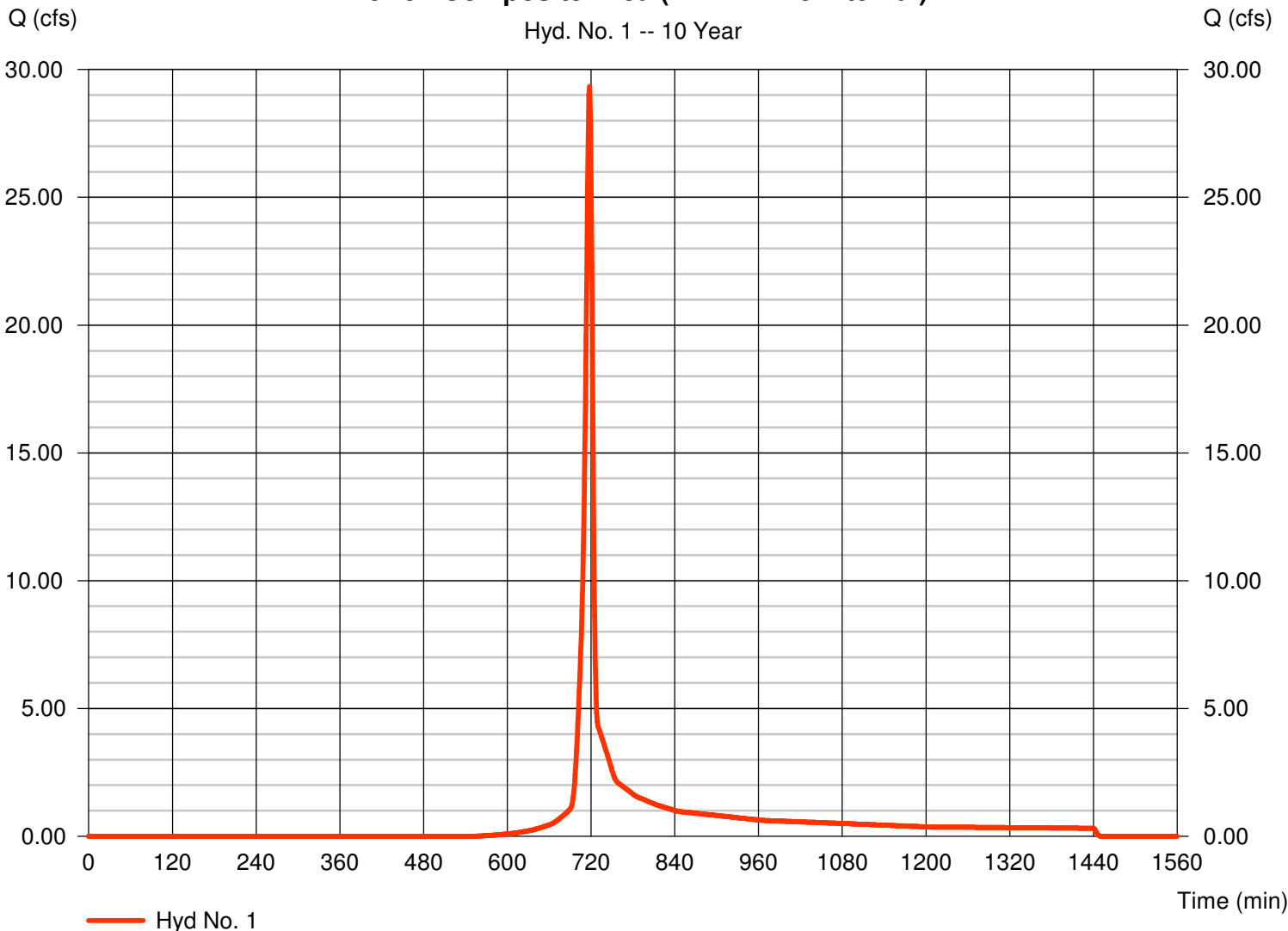
# Hydrograph Report

## Hyd. No. 1

PreDev-Composite Area (1 min Time Interval)

Hydrograph type	= SCS Runoff	Peak discharge	= 29.34 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 1 min	Hyd. volume	= 58,973 cuft
Drainage area	= 10.060 ac	Curve number	= 79
Basin Slope	= 6.8 %	Hydraulic length	= 320 ft
Tc method	= USER	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.50 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

**PreDev-Composite Area (1 min Time Interval)**



# Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Tuesday, Nov 15, 2011

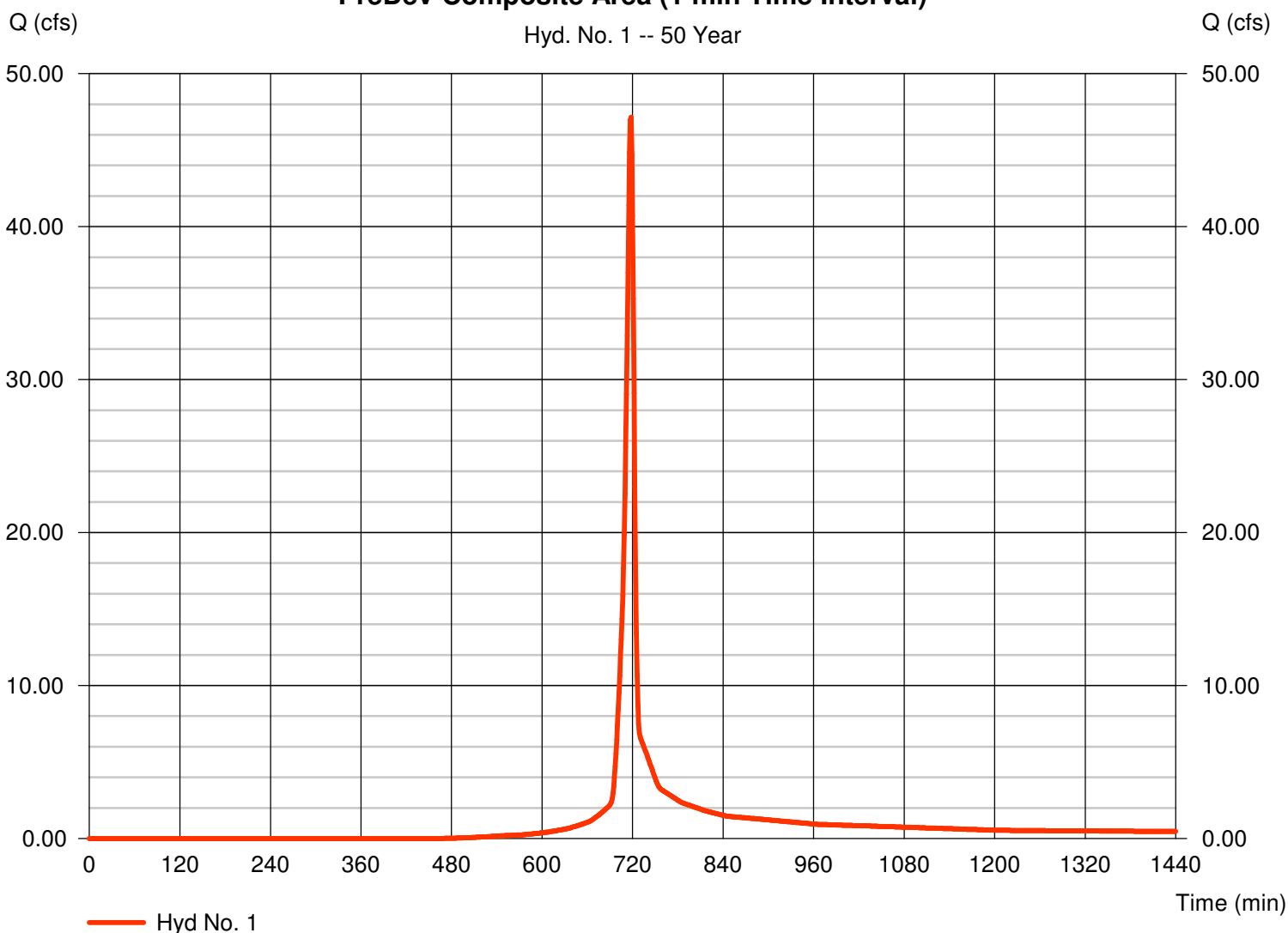
## Hyd. No. 1

PreDev-Composite Area (1 min Time Interval)

Hydrograph type = SCS Runoff  
 Storm frequency = 50 yrs  
 Time interval = 1 min  
 Drainage area = 10.060 ac  
 Basin Slope = 6.8 %  
 Tc method = USER  
 Total precip. = 4.70 in  
 Storm duration = 24 hrs

Peak discharge = 47.14 cfs  
 Time to peak = 718 min  
 Hyd. volume = 95,851 cuft  
 Curve number = 79  
 Hydraulic length = 320 ft  
 Time of conc. (Tc) = 5.00 min  
 Distribution = Type II  
 Shape factor = 484

### PreDev-Composite Area (1 min Time Interval)



# Hydrograph Report

## Hyd. No. 1

PreDev-Composite Area (1 min Time Interval)

Hydrograph type = SCS Runoff  
Storm frequency = 100 yrs  
Time interval = 1 min  
Drainage area = 10.060 ac  
Basin Slope = 6.8 %  
Tc method = USER  
Total precip. = 5.30 in  
Storm duration = 24 hrs

Peak discharge = 56.30 cfs  
Time to peak = 718 min  
Hyd. volume = 115,297 cuft  
Curve number = 79  
Hydraulic length = 320 ft  
Time of conc. (Tc) = 5.00 min  
Distribution = Type II  
Shape factor = 484

PreDev-Composite Area (1 min Time Interval)

