

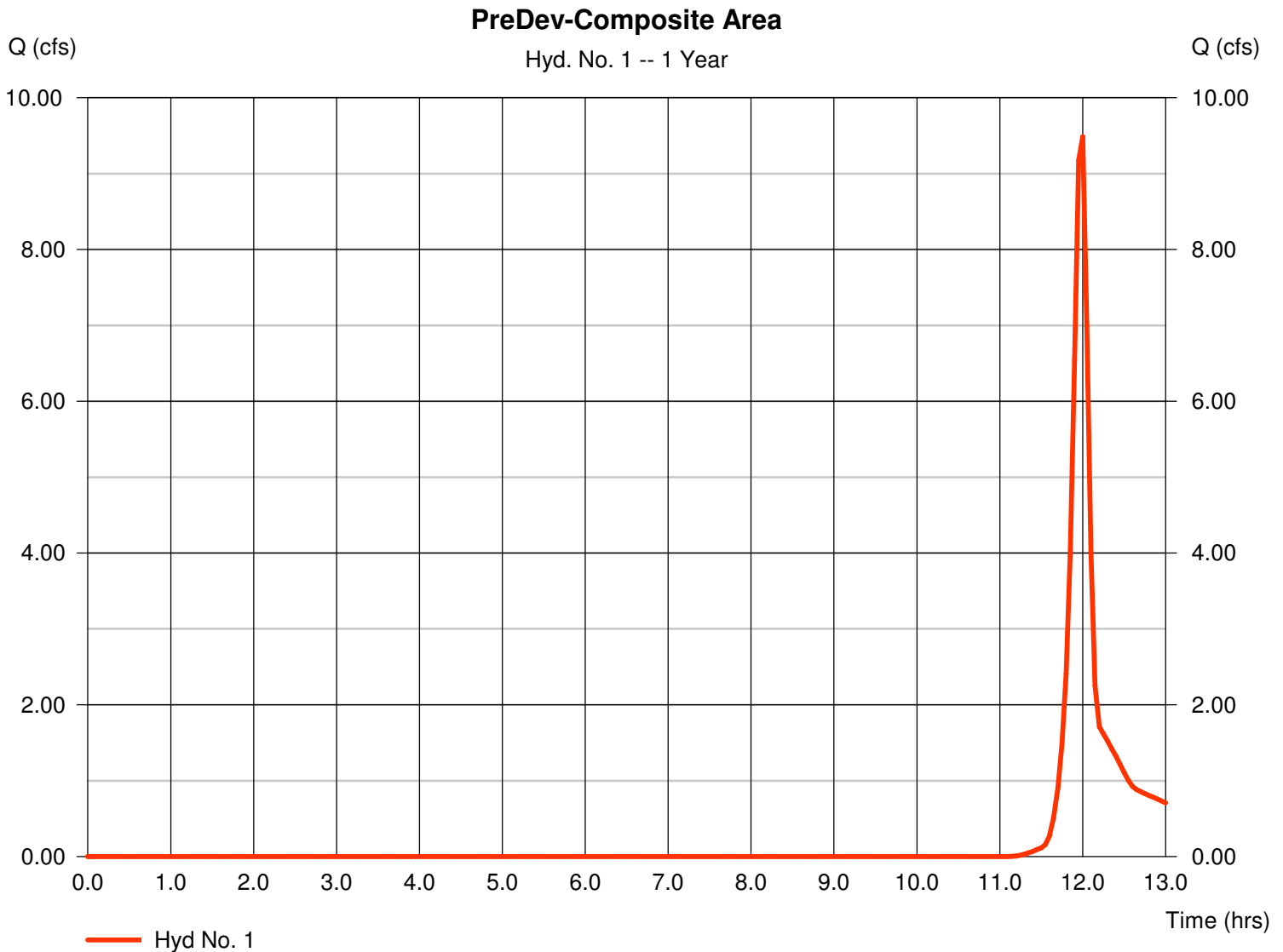
# Hydrograph Report

## Hyd. No. 1

### PreDev-Composite Area

Hydrograph type = SCS Runoff  
Storm frequency = 1 yrs  
Time interval = 3 min  
Drainage area = 10.060 ac  
Basin Slope = 6.8 %  
Tc method = LAG  
Total precip. = 2.20 in  
Storm duration = 24 hrs

Peak discharge = 9.489 cfs  
Time to peak = 720 min  
Hyd. volume = 22,025 cuft  
Curve number = 79  
Hydraulic length = 315 ft  
Time of conc. (Tc) = 4.99 min  
Distribution = Type II  
Shape factor = 484



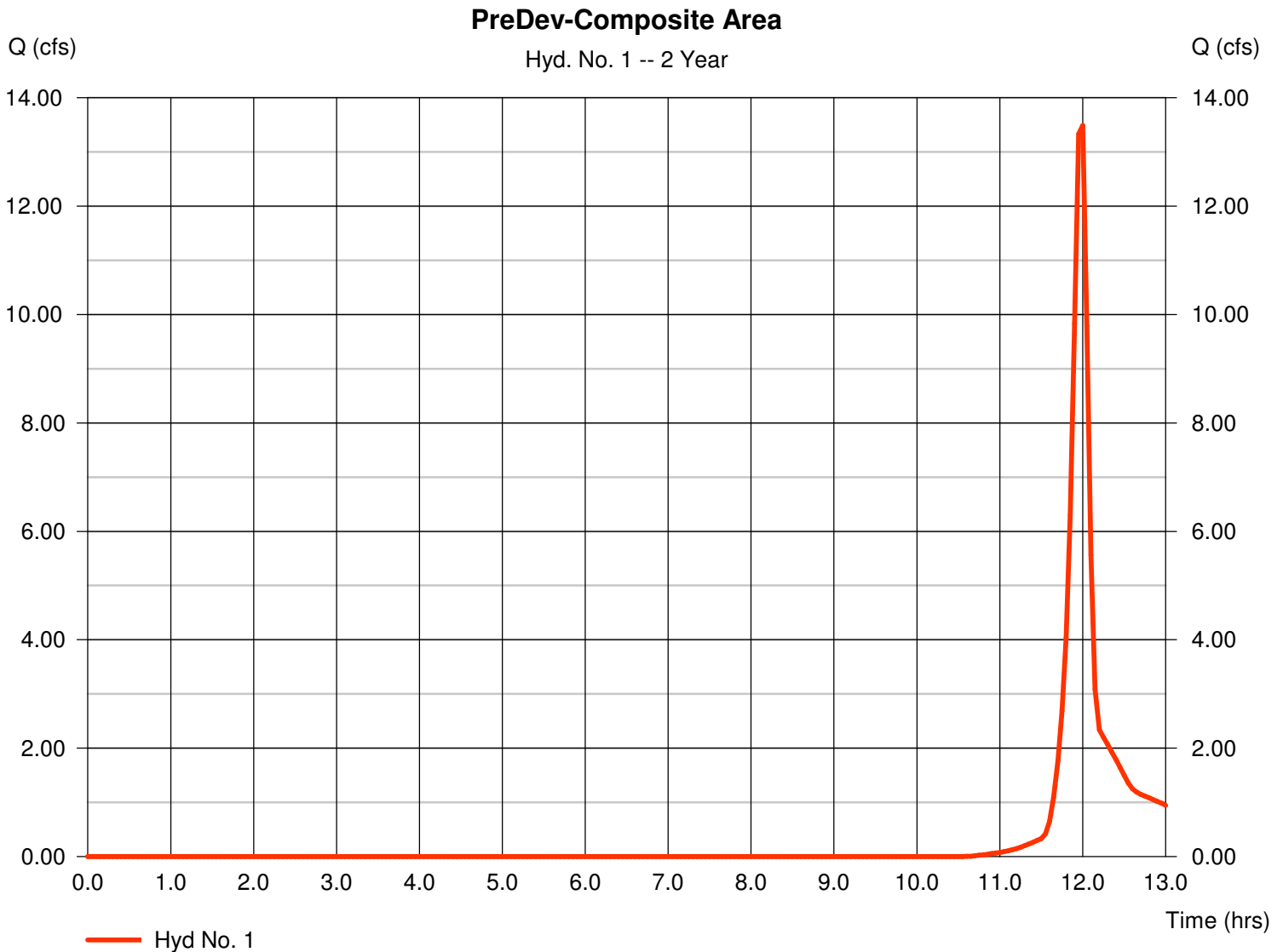
# Hydrograph Report

## Hyd. No. 1

### PreDev-Composite Area

Hydrograph type = SCS Runoff  
Storm frequency = 2 yrs  
Time interval = 3 min  
Drainage area = 10.060 ac  
Basin Slope = 6.8 %  
Tc method = LAG  
Total precip. = 2.60 in  
Storm duration = 24 hrs

Peak discharge = 13.49 cfs  
Time to peak = 720 min  
Hyd. volume = 30,987 cuft  
Curve number = 79  
Hydraulic length = 315 ft  
Time of conc. (Tc) = 4.99 min  
Distribution = Type II  
Shape factor = 484



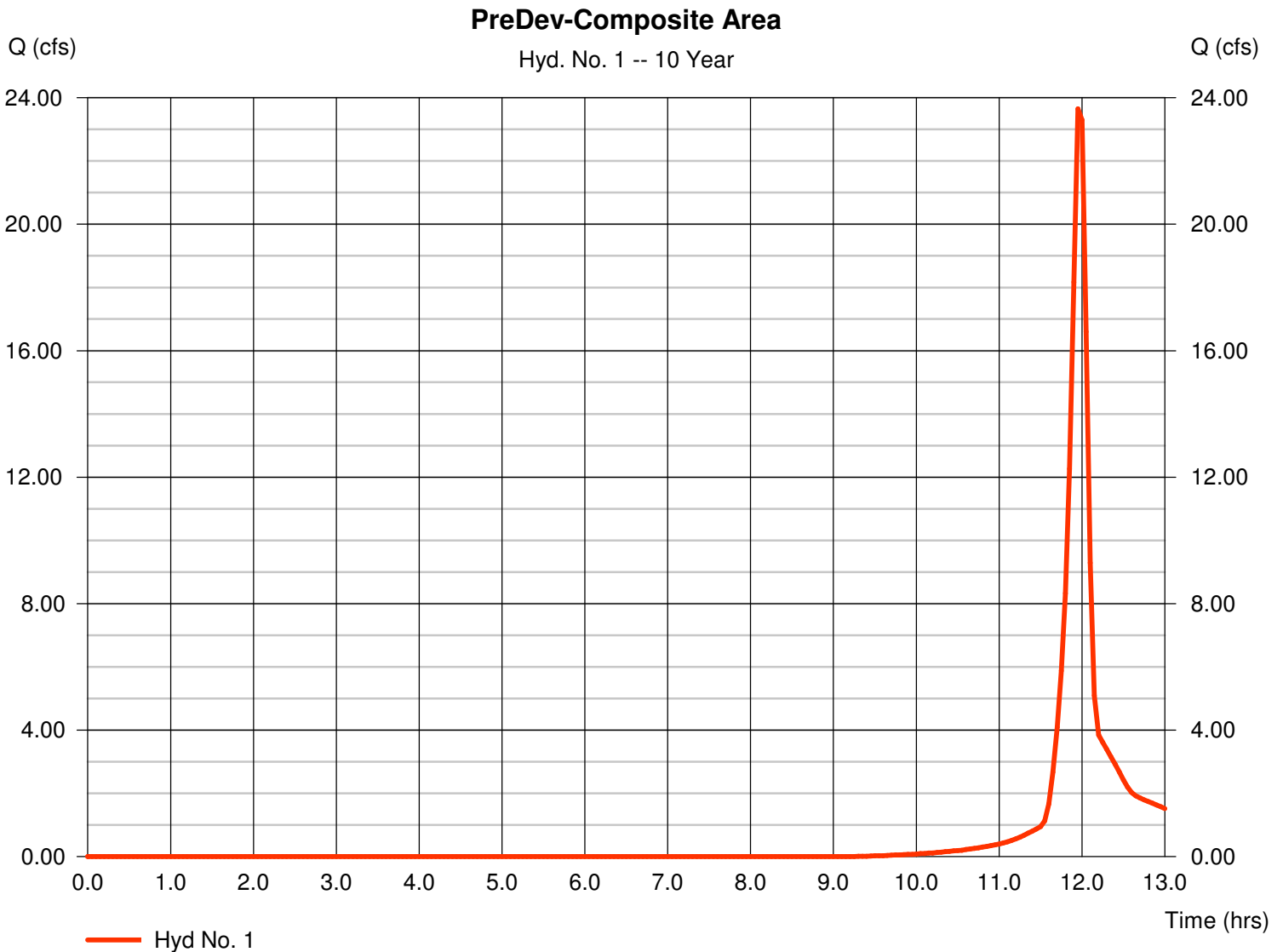
# Hydrograph Report

## Hyd. No. 1

### PreDev-Composite Area

Hydrograph type = SCS Runoff  
Storm frequency = 10 yrs  
Time interval = 3 min  
Drainage area = 10.060 ac  
Basin Slope = 6.8 %  
Tc method = LAG  
Total precip. = 3.50 in  
Storm duration = 24 hrs

Peak discharge = 23.65 cfs  
Time to peak = 717 min  
Hyd. volume = 53,612 cuft  
Curve number = 79  
Hydraulic length = 315 ft  
Time of conc. (Tc) = 4.99 min  
Distribution = Type II  
Shape factor = 484



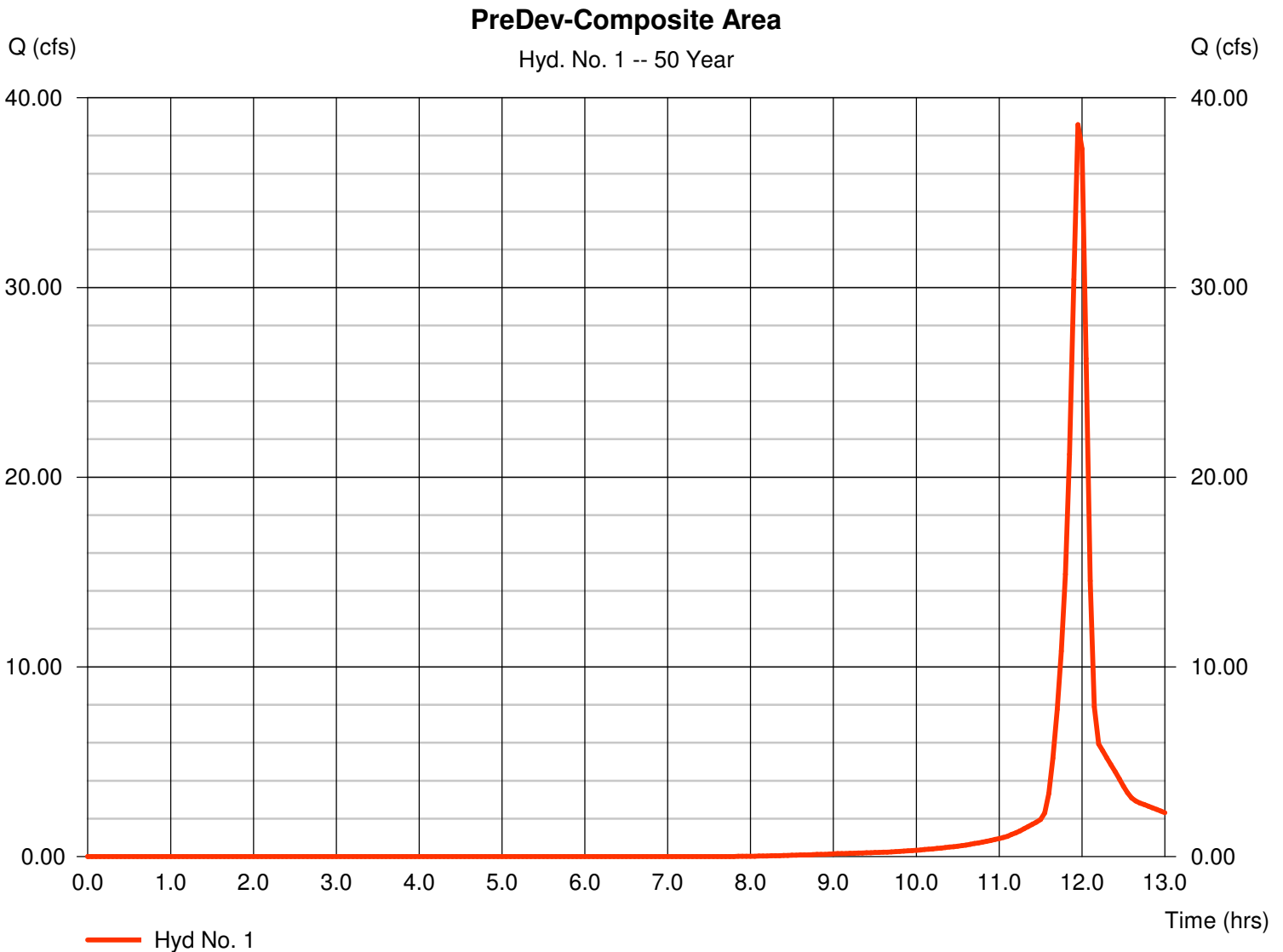
# Hydrograph Report

## Hyd. No. 1

### PreDev-Composite Area

Hydrograph type = SCS Runoff  
Storm frequency = 50 yrs  
Time interval = 3 min  
Drainage area = 10.060 ac  
Basin Slope = 6.8 %  
Tc method = LAG  
Total precip. = 4.70 in  
Storm duration = 24 hrs

Peak discharge = 38.58 cfs  
Time to peak = 717 min  
Hyd. volume = 87,137 cuft  
Curve number = 79  
Hydraulic length = 315 ft  
Time of conc. (Tc) = 4.99 min  
Distribution = Type II  
Shape factor = 484



# Hydrograph Report

## Hyd. No. 1

### PreDev-Composite Area

Hydrograph type = SCS Runoff  
Storm frequency = 100 yrs  
Time interval = 3 min  
Drainage area = 10.060 ac  
Basin Slope = 6.8 %  
Tc method = LAG  
Total precip. = 5.30 in  
Storm duration = 24 hrs

Peak discharge = 46.30 cfs  
Time to peak = 717 min  
Hyd. volume = 104,815 cuft  
Curve number = 79  
Hydraulic length = 315 ft  
Time of conc. (Tc) = 4.99 min  
Distribution = Type II  
Shape factor = 484

