

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.013)

Rainfall File Summary

Station ID	First Date	Last Date	Recording Frequency	Periods w/Precip	Periods Missing	Periods Malfunc.
053005	03/05/1970	12/29/2006	60 min	8527	0	0

NOTE: The summary statistics displayed in this report are based on results found at every computational time step, not just on results from each reporting time step.

Analysis Options

Flow Units CFS

Process Models:

Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing NO
 Water Quality NO
 Infiltration Method MODIFIED_HORTON
 Starting Date 03/05/1970 00:00:00
 Ending Date 12/29/2006 14:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:00:00
 Wet Time Step 00:05:00
 Dry Time Step 01:00:00

	Volume acre-feet	Depth inches
Runoff Quantity Continuity		
Total Precipitation	370206.095	559.392
Evaporation Loss	47349.741	71.547
Infiltration Loss	248882.045	376.068
Surface Runoff	75447.267	114.003
Final Storage	13.623	0.021
Continuity Error (%)	-0.402	

	Volume acre-feet	Volume 10 ⁶ gal
Flow Routing Continuity		
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	75446.534	24585.380
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	75446.534	24585.380
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000

Final Stored Volume	0.000	0.000
Continuity Error (%)	0.000	

Subcatchment Runoff Summary

				Total Total Precip Runoff in	Total Total Runon Runoff in	Total Peak Evap Runoff in	Total Runoff Infil Coeff in	Imperv Runoff in	Perv Runoff
Subcatchment in	in	10^6 gal	CFS						
1				559.39	0.00	54.02	417.77	56.41	33.43
89.84	2069.09	1978.04	0.161						
2				559.39	0.00	106.55	292.91	138.48	23.64
162.13	2791.55	1492.76	0.290						
3				559.39	0.00	92.59	325.92	116.86	26.24
143.11	1568.78	948.10	0.256						
4				559.39	0.00	115.64	271.46	152.51	21.95
174.45	3816.35	1899.43	0.312						
5				559.39	0.00	94.05	322.46	119.14	25.97
145.11	2467.01	1470.76	0.259						
6				559.39	0.00	57.40	409.67	61.76	32.80
94.56	1585.69	1441.24	0.169						
7				559.39	0.00	57.39	409.69	61.75	32.80
94.55	10285.32	9349.47	0.169						

Analysis begun on: Fri Jan 4 09:40:05 2019

Analysis ended on: Fri Jan 4 09:40:20 2019

Total elapsed time: 00:00:15