

# NPDES Compliance Inspection Manual

## *Appendix W*



EPA Publication Number: 305-K-17-001  
Interim Revised Version, January 2017

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## Appendix W – NOAA Rainfall Worksheet

04/05/2013

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service

### Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

National Climatic Data Center  
 Federal Building  
 151 Patton Avenue  
 Asheville, North Carolina 28801  
[www.ncdc.noaa.gov](http://www.ncdc.noaa.gov)

Station: NATIONAL ARBORETUM DC, DC US  
 Observation Time Temperature: 0700 Observation Time Precipitation: 0700

GHCND:USC00186350  
 Elev: 49 ft. Lat: 38.913° N Lon: 76.970° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)		Precipitation(see **)				Evaporation		Soil Temperature (°F)				
				24 hrs. ending at observation time		24 Hour Amounts ending at observation time				At Obs Time		24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth		
				Max.	Min.	Rain, melted snow, etc. (in)	F I a g	Snow, ice pellets, hail (in)	F I a g	Snow, ice pellets, hail, ice on ground (in)				Ground Cover (see *)	Max.	Min.
2013	2	1	48	28	29	0.01		0.4		T						
2013	2	2	30	17	22	0.00										
2013	2	3	32	22	27	0.02		0.4		T						
2013	2	4	35	24	27	T		T		0						
2013	2	5	36	27	34	0.00										
2013	2	6	42	27	32	0.00										
2013	2	7	48	27	30	0.00										
2013	2	8	41	30	37	0.19		0.0		0						
2013	2	9	43	30	31	0.00										
2013	2	10	43	21	26	0.00										
2013	2	11	46	26	39	0.30										
2013	2	12	54	38	45	T										
2013	2	13	58	32	37	0.00										
2013	2	14	48	32	37	0.23		T		0						
2013	2	15	51	33	39	0.00										
2013	2	16	60	35	37	0.13		0.0		0						
2013	2	17	40	27	28	0.00		0.0		0						
2013	2	18	34	22	32	0.00										
2013	2	19	42	32	41	0.00										
2013	2	20	46	32	33	0.06										
2013	2	21	46	25	28	0.00										
2013	2	22	41	28	32	0.00										
2013	2	23	35	32	35	0.08										
2013	2	24	47	35	44	0.00										
2013	2	25	58	28	37	0.00										
2013	2	26	49	29	33	0.00										
2013	2	27	41	33	41	0.64										
2013	2	28	56	41	41	0.02										
		Summary	44.6	29.0		1.68		0.8								

The \*\*\* flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation

Empty, or blank, cells indicate that a data observation was not reported.

\*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.