



Water-Data Report 2010

**352750080523545 RAINGAGE AT MCDOWELL CREEK AT WESTMORELAND ROAD NEAR CORNELIUS, NC
(CRN-24)**

Santee Basin
Upper Catawba Subbasin

LOCATION.--Lat 35°27'50", long 80°52'35" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03050101, McDowell Creek at Westmoreland Road near Cornelius, NC.

CLIMATOLOGICAL RECORDS

PERIOD OF RECORD.--May 1994 to current year. Records for period May 1994 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273. Prior to October 2008 published as "Raingage at McDowell Creek at Westmoreland Road near Cornelius (CRN-24)", station number 02142651.

INSTRUMENTATION.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Frozen precipitation collected during December 2009, January and February 2010 is not reflected in daily or monthly totals.

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PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	1.32	0.00	0.00	---	0.00	0.00	0.00	0.17	0.00	0.10	0.00
2	0.00	0.00	1.47	0.00	---	0.23	0.00	0.00	0.16	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.01	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.27	0.00	0.05	0.00	2.09	0.00	0.00	0.00	0.00	0.00	1.81	0.00
6	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.19	0.00	0.03	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.97	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00
9	0.12	0.00	0.80	0.00	0.32	0.00	0.00	0.00	0.00	0.61	0.00	0.00
10	0.05	1.62	0.00	0.00	0.02	0.04	0.00	0.00	0.91	0.01	0.00	0.00
11	0.00	2.15	0.00	0.00	0.00	0.20	0.00	0.08	0.00	0.00	0.01	0.08
12	0.36	0.18	0.01	0.00	---	1.11	0.00	0.00	0.00	1.95	0.00	0.02
13	0.00	0.00	0.26	0.00	---	0.11	0.00	0.00	0.54	0.18	0.00	0.00
14	0.33	0.00	0.01	0.00	---	0.07	0.00	0.08	0.52	0.00	0.08	0.00
15	0.08	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.04	0.00	0.26	0.00
16	0.00	0.00	0.01	0.25	0.00	0.00	0.00	0.73	0.00	0.01	0.00	0.00
17	0.04	0.00	0.00	1.14	0.00	0.00	0.00	0.98	0.00	0.56	0.00	0.00
18	0.00	0.18	---	0.00	0.00	0.00	0.00	0.14	0.00	0.05	0.22	0.00
19	0.00	0.03	---	0.00	0.00	0.00	0.00	0.17	0.00	0.01	1.95	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.41	0.00	0.27	0.05	0.01	0.00	0.00	0.00	0.00
22	0.00	0.43	0.00	0.01	0.37	0.14	0.00	0.02	0.00	0.00	0.00	0.00
23	0.00	0.38	0.00	0.00	0.06	0.00	0.00	0.00	0.35	0.00	0.00	0.00
24	0.51	0.00	0.01	1.72	0.15	0.00	0.34	0.28	0.00	0.00	0.00	0.00
25	0.00	0.00	1.75	0.30	0.00	0.00	0.25	0.00	0.00	0.17	0.04	0.01
26	0.00	0.42	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	1.20
27	1.38	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.90	0.00	0.81
28	0.07	0.00	0.00	0.00	0.00	1.45	0.00	0.93	0.00	0.19	0.00	0.05
29	0.00	0.00	0.00	---	---	0.32	0.00	0.02	0.00	0.00	0.00	0.55
30	0.00	0.07	0.10	---	---	0.00	0.00	0.00	0.43	0.00	0.00	0.15
31	0.38	---	0.12	---	---	0.00	---	0.31	---	0.01	0.00	---
Total	3.60	6.78	---	---	---	4.02	2.13	3.92	3.32	4.65	4.50	2.87

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