

Water-Data Report 2010

**351132080504145 RAINGAGE AT FREEDOM PARK, CHARLOTTE, NC (CRN-19)**

Santee Basin  
Lower Catawba Subbasin

LOCATION.--Lat 35°11'33", long 80°50'41" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03050103, Freedom Park, Cumberland Drive, Charlotte, NC.

**CLIMATOLOGICAL RECORDS**

PERIOD OF RECORD.--September 1993 to current year. Records for period September 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

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 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**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.82	0.00	0.00	---	0.00	0.00	0.00	1.97	0.00	0.22	0.00
2	0.00	0.00	1.21	0.01	---	0.40	0.00	0.00	0.29	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	---	0.00	0.00	0.21	0.00	0.00	0.15	0.00
4	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00
5	0.58	0.00	0.07	0.00	1.98	0.00	0.00	0.00	0.00	0.00	0.22	0.00
6	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.09	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
8	0.00	0.00	0.91	0.01	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.53	0.00	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00
10	0.01	1.46	0.00	0.00	0.01	0.08	0.00	0.00	0.35	0.00	0.00	0.00
11	0.00	2.13	0.00	0.00	0.00	0.14	0.00	0.18	0.01	0.20	0.00	0.09
12	0.25	0.38	0.07	0.00	e0.20	1.04	0.00	0.00	0.00	3.10	0.00	0.01
13	0.00	0.00	0.21	0.00	e0.02	0.12	0.00	0.00	0.59	0.01	0.00	0.00
14	0.28	0.00	0.01	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.07	0.00
15	0.13	0.00	0.02	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.01	0.00
16	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.14	0.00	0.01	0.00	0.00
17	0.13	0.00	0.00	1.06	0.00	0.00	0.00	0.75	0.00	0.27	0.03	0.00
18	0.00	0.08	e0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00
19	0.00	0.01	e0.07	0.00	0.00	0.01	0.00	0.00	0.00	0.04	1.70	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.03	0.00
21	0.00	0.00	0.00	0.67	0.00	0.26	0.04	0.09	0.00	0.00	0.00	0.00
22	0.00	0.34	0.00	0.02	0.60	0.19	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.39	0.00	0.00	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00
24	0.19	0.00	0.01	1.87	0.13	0.00	0.20	0.09	0.00	0.09	0.00	0.00
25	0.00	0.01	1.71	0.74	0.04	0.00	0.37	0.11	0.00	0.01	0.00	0.00
26	0.00	0.03	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.03	0.00	1.16
27	1.07	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.67	0.00	0.67
28	0.04	0.00	0.00	0.00	0.00	0.79	0.00	0.73	0.00	0.01	0.00	0.13
29	0.00	0.00	0.00	---	---	0.68	0.00	0.08	0.00	0.00	0.00	0.78
30	0.00	0.09	0.15	---	---	0.00	0.00	0.00	1.97	0.00	0.00	0.10
31	0.27	---	0.09	---	---	0.00	---	0.87	---	0.42	0.00	---
<b>Total</b>	3.00	5.74	5.99	---	---	3.85	1.37	3.25	5.32	4.87	2.55	2.94

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