



Water-Data Report 2010

350110080502045 RAINGAGE AT ELON PARK AND RECREATION CENTER, CHARLOTTE, NC (CRN-31)

Santee Basin
Lower Catawba Subbasin

LOCATION.--Lat 35°01'11", long 80°50'17" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03050103, Elon Park and Recreation Center, Ardrey-Kell Road, Charlotte, NC.

CLIMATOLOGICAL RECORDS

PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273. Prior to October 2008 published as "Raingage at Elon Homes for Children, Charlotte, NC (CRN-31)".

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	0.97	0.00	0.00	---	0.00	0.00	0.00	0.04	0.00	0.08	0.00
2	0.00	0.00	1.71	0.00	---	0.52	0.00	0.00	2.30	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.03	0.00	0.23	0.00
4	0.01	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00
5	0.85	0.00	0.04	0.00	2.30	0.00	0.00	0.00	0.00	0.00	0.28	0.00
6	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00
7	0.02	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	1.26	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00
9	0.01	0.00	0.48	0.00	0.15	0.00	0.03	0.00	0.00	0.00	0.00	0.00
10	0.00	1.36	0.00	0.00	0.00	0.12	0.00	0.00	0.60	0.00	0.00	0.00
11	0.00	2.68	0.00	0.00	0.00	0.13	0.00	0.11	0.00	0.00	0.00	0.01
12	0.35	0.31	0.10	0.00	---	0.98	0.00	0.00	0.00	0.72	0.10	0.01
13	0.00	0.00	0.18	0.00	---	0.01	0.00	0.00	0.49	0.24	0.00	0.00
14	0.37	0.00	0.01	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.29	0.00
15	0.39	0.00	0.01	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.67	0.00
16	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.87	0.00	0.32	0.00	0.00
17	0.07	0.00	0.00	1.30	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00
18	0.00	0.06	---	0.00	0.00	0.00	0.00	0.13	0.00	0.03	0.02	0.00
19	0.00	0.02	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.01	0.00
21	0.00	0.00	0.00	0.89	0.00	0.26	0.00	0.09	0.00	0.02	0.00	0.00
22	0.00	0.42	0.00	0.12	0.43	0.24	0.00	0.13	0.00	0.00	0.00	0.00
23	0.00	0.57	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.34	0.00	0.01	1.67	0.07	0.00	0.19	0.22	0.00	1.01	0.00	0.00
25	0.00	0.02	2.09	0.63	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00
26	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	1.05
27	1.16	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.11	0.05	0.00	1.02
28	0.02	0.00	0.00	0.00	0.00	0.05	0.00	0.06	0.00	0.01	0.00	0.08
29	0.00	0.00	0.00	---	---	0.54	0.00	0.06	0.00	0.00	0.00	1.05
30	0.00	0.06	0.15	---	---	0.00	0.00	0.00	0.25	0.00	0.00	0.09
31	0.18	---	0.09	---	---	0.00	---	2.60	---	0.03	0.00	---
Total	3.82	6.49	---	---	---	3.05	1.32	4.99	4.22	2.48	2.38	3.31

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