

Water-Data Report 2007

350110080502045 CRN31, Elon Homes for Children, Charlotte, NC

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 Homes for Children, 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.

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 February 2007 is not reflected in daily or monthly totals.

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PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.08	0.24	---	1.99	0.23	0.00	0.00	0.00	0.00	0.02
2	0.00	0.00	0.00	0.00	---	0.64	0.00	0.00	0.13	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
7	0.07	0.78	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
8	0.48	0.22	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.19	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
11	0.00	0.55	0.00	0.00	0.00	0.00	0.36	0.00	0.13	0.00	0.00	0.00
12	0.00	0.03	0.00	0.00	0.00	0.00	0.30	0.01	0.06	0.00	0.00	0.00
13	0.00	0.00	0.03	0.00	1.75	0.00	0.00	0.00	0.92	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.01	0.00	0.26	0.00	0.07	0.00	0.00	0.47
15	0.00	0.87	0.01	0.00	0.00	0.00	1.51	0.00	0.00	---	0.00	0.01
16	0.00	0.89	0.00	0.00	0.00	0.36	0.00	0.01	0.00	0.00	0.00	0.00
17	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00
18	0.03	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00
20	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.01
21	0.00	1.80	0.08	0.66	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.07	2.25	1.31	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
25	0.00	0.00	0.90	0.00	0.79	0.00	0.00	0.00	1.70	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	1.39	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.37	0.00	0.00
28	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.07	0.00	0.00	0.01	0.04	0.39	0.00
30	0.00	0.10	0.00	0.00	---	0.00	0.00	0.00	0.05	0.00	0.18	0.00
31	0.00	---	0.15	0.00	---	0.00	---	0.00	---	0.00	0.00	---
Total	4.11	7.49	2.56	2.73	---	3.06	3.41	0.45	3.53	---	0.63	0.51

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