

Water-Data Report 2007

**02087322 CRABTREE CREEK AT OLD WAKE FOREST ROAD AT RALEIGH, NC**

Neuse Basin  
Upper Neuse Subbasin

LOCATION.--Lat 35°48'57", long 78°37'34" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, on right bank on upstream side of bridge at Old Wake Forest Road, 2.8 mi northeast of Raleigh.

DRAINAGE AREA.--119 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--February 1988 to September 1989, discharge records, October 1989 to October 1991, discharge measurements and unpublished, fragmentary gage-height and discharge records, June 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 186.51 ft above NGVD of 1929. Satellite and telephone telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.93 ft, September 16, 1999; minimum gage height, 1.16 ft, September 11, 12, 2004.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of September 1996 reached a stage of 21.6 ft, from floodmarks.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.02 ft, November 22; minimum gage height, 1.24 ft, August 22, 23, September 3-8, 12-14, 30.

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**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.89	1.82	2.01	2.26	1.93	1.84	1.67	1.61	1.35	1.58	1.93	1.26
2	1.74	1.73	1.95	2.37	2.18	4.06	1.67	1.57	1.34	1.49	1.77	1.26
3	1.62	1.67	1.86	2.17	2.04	3.65	1.65	1.55	2.44	1.43	1.65	1.25
4	1.54	1.58	1.99	2.04	1.95	2.80	1.67	1.53	2.17	1.38	1.55	1.25
5	1.47	1.55	1.89	1.97	1.87	2.35	1.63	1.54	1.84	1.35	1.48	1.25
6	2.19	1.52	1.79	4.72	1.79	2.09	1.58	1.54	1.87	1.33	1.52	1.24
7	2.22	4.04	1.74	3.87	1.75	1.94	1.66	1.52	1.76	1.32	1.46	1.24
8	2.36	6.74	1.68	4.10	1.72	1.85	1.61	1.50	1.66	1.31	1.39	1.25
9	2.24	4.19	1.62	3.40	1.69	1.78	1.58	1.60	1.66	1.30	1.40	1.27
10	2.01	2.98	1.61	2.68	1.65	1.75	1.57	1.90	1.85	1.31	1.58	1.25
11	1.84	2.38	1.59	2.31	1.63	1.72	1.63	1.76	1.63	1.79	1.52	1.25
12	1.81	5.14	1.57	2.11	1.62	1.69	3.35	3.31	1.54	2.30	1.37	1.25
13	1.67	4.62	1.56	1.99	1.69	1.66	3.01	3.22	1.88	1.81	1.35	1.25
14	1.57	3.38	1.56	1.91	2.52	1.65	2.57	2.22	2.11	1.65	1.34	2.00
15	1.50	2.61	1.55	1.86	2.34	1.64	5.63	1.98	1.80	1.56	1.32	2.26
16	1.47	7.42	1.53	1.82	2.16	5.39	7.20	1.84	1.67	1.49	1.33	1.55
17	1.80	6.79	1.53	1.75	2.01	7.00	4.29	1.75	1.88	1.88	1.33	1.41
18	2.73	4.64	1.53	1.83	1.91	4.22	3.06	1.68	1.64	5.96	1.29	1.36
19	2.37	3.39	1.52	1.95	1.81	3.02	2.49	1.60	1.53	3.05	1.28	1.33
20	2.23	2.60	1.51	1.85	1.75	2.47	2.24	1.56	1.67	2.36	1.27	1.45
21	2.03	2.54	1.50	1.93	1.72	2.20	2.06	1.53	1.66	2.01	1.27	1.53
22	1.89	11.79	2.31	4.03	1.69	2.04	1.94	1.49	1.55	1.80	1.26	1.43
23	1.80	8.41	3.46	3.15	1.65	1.95	1.85	1.45	1.50	1.67	1.53	1.38
24	1.68	5.86	2.60	2.61	1.60	1.86	1.78	1.43	1.45	1.58	1.46	1.36
25	1.60	3.99	6.10	2.29	1.98	1.80	1.73	1.41	1.49	1.50	1.33	1.32
26	1.53	2.94	7.08	2.09	2.26	1.76	1.69	1.40	1.44	1.44	1.37	1.29
27	1.69	2.42	4.62	1.95	2.04	1.74	1.88	1.39	1.52	1.63	1.43	1.28
28	2.78	2.16	3.30	1.87	1.92	1.74	1.83	1.38	1.75	2.17	1.33	1.27
29	2.34	2.01	2.58	1.81	---	1.81	1.72	1.36	1.95	3.19	1.30	1.25
30	2.11	1.93	2.23	1.73	---	1.76	1.66	1.36	1.77	2.47	1.27	1.25
31	1.93	---	2.05	1.70	---	1.70	---	1.35	---	2.14	1.26	---
<b>Mean</b>	1.92	3.83	2.30	2.39	1.89	2.42	2.33	1.69	1.71	1.91	1.42	1.37
<b>Max</b>	2.78	11.79	7.08	4.72	2.52	7.00	7.20	3.31	2.44	5.96	1.93	2.26
<b>Min</b>	1.47	1.52	1.50	1.70	1.60	1.64	1.57	1.35	1.34	1.30	1.26	1.24

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