



Water-Data Report 2010

02092554 TRENT RIVER AT POLLOCKSVILLE, NC

Neuse Basin
Lower Neuse Subbasin

LOCATION.--Lat 35°00'36", long 77°13'08" referenced to North American Datum of 1983, Jones County, NC, Hydrologic Unit 03020204, at downstream side of bridge on U.S. Highway 17, 0.5 mi downstream from Goshen Branch, and 0.2 mi northeast of Pollocksville.

DRAINAGE AREA.--370 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--DISCHARGE.--July 1996 to June 2008 (discontinued).

GAGE HEIGHT.--July 1996 to June 2009; April 2010 to September 2010.

GAGE.--Water-stage recorder. Datum of gage is at National Geodetic Vertical Datum of 1929. Satellite telemetry at streamgage.

REMARKS.--Records good. This site is strongly affected by both astronomical and wind tides. The astronomical tides occur at primary harmonic periods of 12.42 hours and 24.8 hours.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,600 ft³/s, September 19, 1999, maximum gage height, 16.29 ft, September 19, 1999, from flood mark; minimum discharge, -3,560 ft³/s, September 6, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.82 ft, May 26; minimum gage height, -1.22 ft, May 4.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	---	---	1.03	-0.19	1.00	0.16	2.18	0.88	1.32	0.51	1.73	0.88
2	---	---	0.69	-0.50	1.47	0.30	2.06	1.15	1.74	0.76	2.67	1.02
3	---	---	0.61	-0.40	0.82	0.05	1.91	0.87	1.88	0.78	2.58	0.18
4	---	---	1.02	-1.22	1.09	0.04	1.12	0.55	0.91	-0.17	2.15	0.87
5	---	---	1.07	0.56	0.71	0.26	0.89	0.21	0.63	-0.46	2.00	1.38
6	---	---	0.72	-0.15	0.63	-0.58	0.99	0.00	0.91	-0.45	2.17	1.32
7	---	---	2.09	-0.13	1.80	-0.58	1.09	0.12	1.68	0.19	1.97	1.11
8	---	---	0.84	-0.84	2.17	0.65	1.48	0.79	1.60	0.98	1.27	0.51
9	---	---	1.20	-0.64	2.18	-0.51	1.65	0.23	1.82	0.58	2.04	0.39
10	2.05	0.36	1.98	0.26	0.96	-0.98	1.03	0.13	1.34	0.25	2.12	0.82
11	1.55	0.44	1.50	0.55	2.23	0.24	1.38	0.31	1.31	0.18	2.18	1.51
12	1.29	0.41	0.89	-0.69	1.55	0.25	1.33	0.54	1.64	0.07	1.96	0.84
13	1.43	0.30	1.70	-0.84	1.03	-0.18	0.91	-0.14	2.56	0.92	2.04	1.34
14	2.35	0.31	1.14	-0.29	1.50	0.30	0.84	-0.27	2.52	1.75	1.85	0.89
15	1.56	0.49	0.89	-0.52	2.20	0.69	1.55	0.08	1.93	1.39	2.15	0.46
16	0.49	-0.34	1.67	-0.18	1.94	0.72	1.25	-0.19	1.80	1.09	1.87	0.61
17	1.26	-0.63	1.88	0.45	1.53	0.57	0.80	-0.39	1.52	0.79	1.14	0.40
18	2.53	0.50	1.09	0.17	2.03	0.88	0.81	-0.31	1.16	0.31	2.14	0.83
19	1.69	0.64	1.70	0.85	1.84	0.81	0.37	-0.49	1.56	-0.12	2.22	1.19
20	1.73	0.71	1.74	1.08	1.35	-0.09	0.67	-0.86	2.21	0.99	2.15	1.18
21	1.29	0.59	1.66	0.89	1.40	-0.05	0.68	-0.71	1.79	1.20	2.34	1.42
22	1.35	0.48	1.56	0.79	1.03	0.14	1.15	-0.79	1.49	0.66	1.69	0.59
23	1.31	0.35	1.49	0.72	1.05	0.00	1.16	0.05	1.95	0.41	1.46	0.65
24	2.17	0.87	2.30	1.01	1.01	-0.11	0.39	-0.31	2.72	1.21	1.45	0.58
25	1.42	-1.07	2.40	1.85	1.32	-0.35	0.43	-0.63	2.40	1.41	1.29	0.31
26	1.05	-0.52	2.82	2.05	1.27	0.39	1.71	-0.76	1.78	1.14	1.62	0.31
27	1.33	-0.47	2.05	0.95	1.07	-0.25	1.45	0.67	2.17	1.13	1.65	0.98
28	2.33	0.64	2.37	1.03	0.31	-0.40	1.02	0.47	2.36	1.43	2.12	1.23
29	1.96	0.07	1.99	0.65	0.93	-1.11	0.66	-0.05	2.15	1.46	4.49	1.43
30	1.36	-0.12	1.22	0.25	1.75	0.02	1.96	0.18	1.75	1.10	21.52	4.49
31	---	---	1.27	0.22	---	---	1.98	0.80	2.06	0.89	---	---
Month	---	---	2.82	-1.22	2.23	-1.11	2.18	-0.86	2.72	-0.46	21.52	0.18

02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued

