

Water-Data Report 2008

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 current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is at National Geodetic Vertical Datum of 1929. Satellite telemetry at station.

REMARKS.--Records fair except those for negative daily discharges, which are poor. 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. Daily discharge data for this site may be affected by aliasing due to tides and can contain fluctuations that are not representative of net downstream discharge. Negative values represent upstream direction of flow.

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 discharge, 1,580 ft³/s, April 11, maximum gage height, 4.29 ft, September 25; minimum discharge, -1,110 ft³/s, May 11.

02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

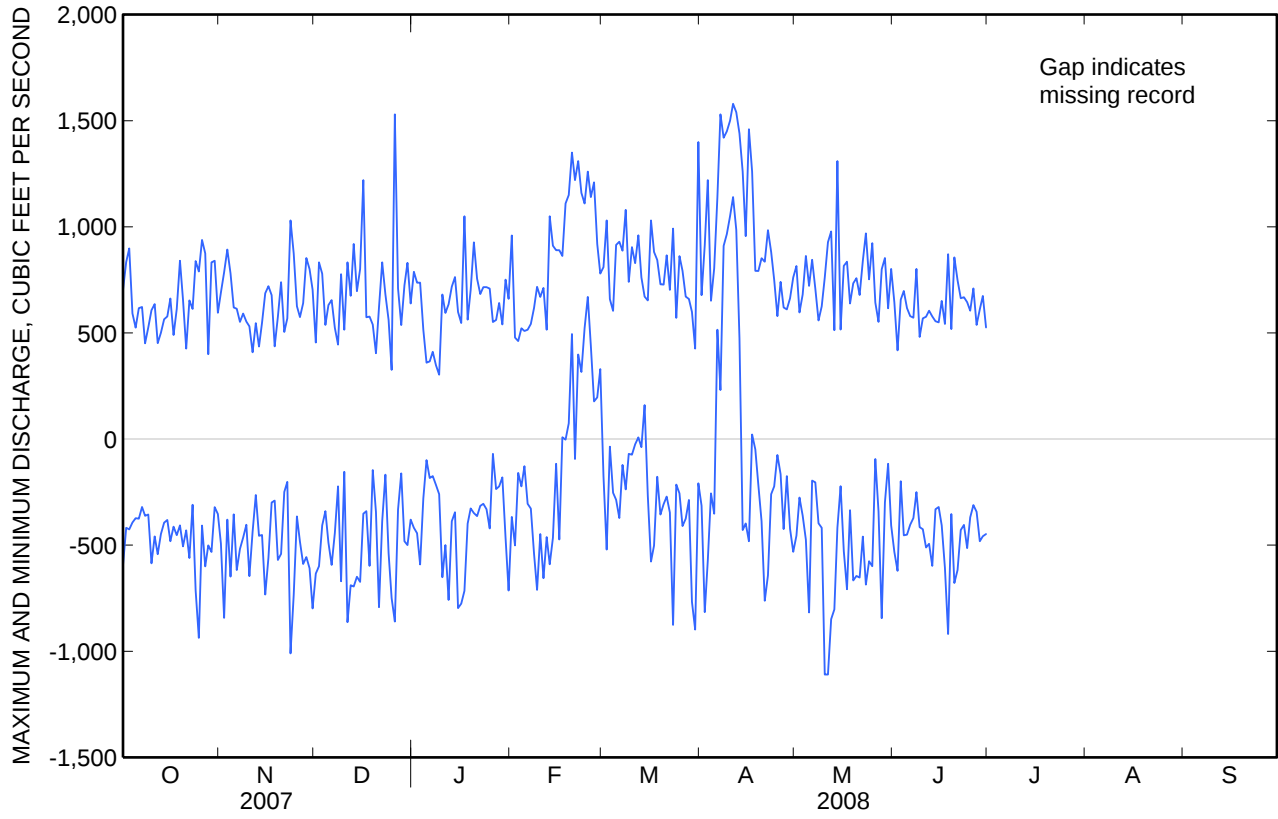
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	703	-595	691	-493	455	-634	788	-418	959	-367	810	-175
2	834	-418	786	-843	833	-599	737	-444	478	-501	1,030	-521
3	898	-426	893	-380	779	-407	737	-591	462	-160	659	-36
4	592	-393	781	-648	538	-340	515	-280	522	-223	604	-253
5	525	-373	620	-355	631	-488	360	-99	509	-128	915	-286
6	617	-375	614	-617	655	-593	366	-184	515	-305	930	-372
7	622	-320	552	-518	524	-443	411	-175	542	-328	888	-122
8	451	-362	591	-464	445	-223	348	-216	618	-540	1,080	-237
9	526	-356	554	-404	777	-670	303	-260	717	-711	741	-70
10	607	-586	531	-646	515	-154	681	-651	670	-448	904	-74
11	636	-459	409	-437	833	-863	594	-500	712	-656	829	-25
12	452	-543	546	-264	675	-689	635	-758	515	-462	960	8.0
13	501	-448	436	-456	919	-695	718	-387	1,050	-590	762	-38
14	564	-394	548	-452	697	-649	763	-345	911	-466	671	160
15	578	-381	687	-733	801	-673	599	-797	890	-117	653	-267
16	662	-482	720	-559	1,220	-352	547	-776	890	-473	1,030	-577
17	490	-413	678	-299	574	-340	1,050	-715	863	8.7	882	-502
18	613	-453	437	-290	577	-598	563	-399	1,110	-2.8	844	-178
19	840	-407	576	-570	539	-146	703	-327	1,150	74	729	-356
20	657	-506	739	-541	404	-344	927	-349	1,350	495	728	-307
21	426	-430	505	-249	621	-792	756	-363	1,220	-94	866	-271
22	653	-561	569	-202	833	-387	683	-315	1,310	398	703	-347
23	613	-310	1,030	-1,010	682	-168	716	-305	1,160	316	992	-876
24	839	-714	874	-734	561	-538	716	-331	1,110	523	571	-215
25	790	-937	626	-365	326	-750	709	-421	1,260	670	862	-256
26	938	-408	575	-484	1,530	-860	551	-70	1,140	440	793	-410
27	875	-600	640	-589	710	-332	561	-236	1,210	177	671	-375
28	400	-501	853	-556	537	-162	641	-223	919	196	660	-287
29	833	-532	801	-609	724	-482	540	-181	780	330	599	-767
30	840	-321	704	-798	830	-500	751	-466	---	---	426	-898
31	595	-353	---	---	639	-380	661	-714	---	---	1,400	-209

02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	678	-314	815	-455	644	-532	---	---	---	---	---	---
2	914	-816	597	-276	418	-621	---	---	---	---	---	---
3	1,220	-572	681	-361	657	-199	---	---	---	---	---	---
4	652	-256	863	-475	698	-454	---	---	---	---	---	---
5	805	-352	722	-817	617	-451	---	---	---	---	---	---
6	1,140	515	845	-196	579	-404	---	---	---	---	---	---
7	1,530	231	709	-204	572	-372	---	---	---	---	---	---
8	1,420	910	559	-397	802	-250	---	---	---	---	---	---
9	1,450	966	625	-418	481	-415	---	---	---	---	---	---
10	1,500	1,050	761	-1,110	569	-425	---	---	---	---	---	---
11	1,580	1,140	928	-1,110	576	-511	---	---	---	---	---	---
12	1,540	986	978	-849	605	-494	---	---	---	---	---	---
13	1,440	473	513	-803	578	-598	---	---	---	---	---	---
14	1,260	-429	1,310	-418	555	-331	---	---	---	---	---	---
15	956	-398	516	-222	550	-320	---	---	---	---	---	---
16	1,460	-482	816	-528	651	-407	---	---	---	---	---	---
17	1,260	21	836	-708	542	-607	---	---	---	---	---	---
18	793	-49	639	-335	871	-919	---	---	---	---	---	---
19	792	-217	734	-666	518	-353	---	---	---	---	---	---
20	852	-387	758	-645	856	-678	---	---	---	---	---	---
21	836	-762	679	-653	748	-617	---	---	---	---	---	---
22	984	-642	840	-460	664	-429	---	---	---	---	---	---
23	882	-260	969	-686	668	-405	---	---	---	---	---	---
24	750	-223	753	-576	645	-514	---	---	---	---	---	---
25	579	-75	923	-599	605	-369	---	---	---	---	---	---
26	741	-166	643	-94	710	-311	---	---	---	---	---	---
27	620	-424	552	-341	538	-343	---	---	---	---	---	---
28	611	-175	800	-844	611	-482	---	---	---	---	---	---
29	663	-423	853	-299	674	-458	---	---	---	---	---	---
30	762	-531	616	-117	526	-448	---	---	---	---	---	---
31	---	---	802	-407	---	---	---	---	---	---	---	---

02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued



02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	2.52	2.03	1.84	1.12	1.70	0.34	1.42	-0.25	2.01	-0.18	0.77	-0.99
2	2.05	1.41	3.45	1.71	1.74	0.24	0.73	-1.06	1.22	0.32	1.90	0.35
3	2.21	1.24	2.75	1.10	0.45	-1.26	1.36	-0.55	0.88	0.23	0.84	0.06
4	1.95	0.99	2.20	1.50	0.05	-0.60	1.18	0.13	0.82	0.15	0.77	-0.01
5	1.84	1.34	1.96	1.27	0.87	-0.39	0.42	0.04	0.46	-0.18	0.76	-1.02
6	1.81	1.12	1.63	0.37	1.54	0.16	0.47	0.06	0.19	-0.45	1.83	0.41
7	1.70	0.97	1.89	0.99	1.14	0.37	0.45	-0.08	0.75	-1.10	1.83	0.06
8	1.60	0.82	1.94	1.19	0.66	0.30	0.44	-0.06	1.20	-0.16	1.38	-2.59
9	1.42	0.60	1.61	0.82	1.12	0.17	0.37	-0.13	1.60	0.04	0.76	-2.42
10	1.73	0.23	1.41	0.29	0.49	0.16	0.98	0.15	0.34	-1.50	1.41	0.43
11	1.42	0.48	1.75	0.69	1.42	0.11	0.53	-0.20	1.42	-0.01	1.12	0.32
12	1.78	0.68	1.37	0.68	0.70	-0.28	1.48	0.00	1.24	0.25	0.80	-0.36
13	1.60	1.08	1.16	0.13	1.27	0.03	1.55	0.31	1.18	-0.22	1.11	0.04
14	1.81	1.12	1.15	0.51	1.24	-0.19	0.96	0.18	1.11	0.03	0.62	-0.08
15	1.97	1.31	1.47	-1.12	2.14	0.96	1.18	-0.14	0.99	-0.07	1.56	-0.41
16	1.73	1.04	1.28	-0.54	1.64	-1.31	1.41	0.46	2.11	0.10	1.81	-0.29
17	1.58	0.98	1.15	0.56	1.04	-0.91	2.02	0.18	1.57	0.43	2.11	0.91
18	1.41	0.97	0.81	0.34	1.16	0.38	0.97	-0.20	0.82	-0.29	1.89	0.67
19	1.38	0.28	1.20	0.44	0.85	0.25	1.34	0.46	1.25	-0.25	1.07	-0.92
20	1.38	0.38	1.30	0.37	0.84	0.32	1.54	0.04	1.01	-0.41	0.64	-0.87
21	1.44	1.11	0.82	0.43	1.78	0.69	1.89	0.92	2.06	-0.50	1.38	0.37
22	1.41	0.74	0.68	0.16	1.82	1.03	1.61	0.30	1.66	0.27	0.88	-0.26
23	1.38	0.40	2.20	0.39	1.28	0.36	1.35	0.11	1.53	0.24	2.21	0.04
24	1.14	0.31	2.08	1.04	1.27	0.32	0.95	-0.36	1.81	1.37	2.00	1.25
25	2.15	0.24	1.72	0.74	2.03	0.76	1.40	0.45	1.68	0.93	1.92	0.65
26	1.95	1.16	1.04	0.53	2.49	0.03	0.87	0.47	1.29	0.15	0.83	-0.56
27	1.78	0.86	1.17	0.00	1.53	0.89	1.28	0.20	0.99	-0.04	0.59	-0.60
28	2.67	1.35	1.98	0.55	1.47	0.84	1.28	0.61	0.69	-0.05	0.18	-0.93
29	2.73	2.09	1.19	0.31	1.25	0.54	0.82	0.06	0.81	0.20	2.13	-0.62
30	2.44	1.74	1.47	0.17	1.88	0.79	1.28	-0.94	---	---	3.25	1.39
31	1.98	1.62	---	---	1.68	0.77	2.25	0.78	---	---	3.05	0.50

02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	0.79	-0.33	2.17	0.48	0.83	-0.66	0.63	-1.07	1.39	0.00	2.16	1.79
2	2.31	0.04	1.07	0.15	1.61	0.05	0.91	0.06	1.01	-0.04	1.93	1.21
3	2.51	0.53	1.16	0.08	1.50	0.29	0.73	-0.11	1.52	-0.04	1.53	0.83
4	0.98	0.07	1.41	0.26	0.71	-0.51	0.83	-0.63	1.71	0.89	1.82	0.55
5	1.26	-0.20	2.27	0.42	0.90	-0.76	0.74	-0.73	1.43	0.60	2.35	1.46
6	1.78	0.79	2.20	1.25	1.02	0.31	1.73	-0.14	1.62	0.35	3.03	-1.02
7	2.56	1.73	1.50	0.26	1.06	0.27	0.66	-0.03	1.31	0.77	1.58	0.76
8	2.54	2.18	1.07	0.23	0.81	0.06	0.59	-0.51	1.82	-0.63	1.95	0.99
9	2.44	2.15	1.13	-0.93	1.01	0.23	0.67	-0.74	1.90	1.00	1.31	0.49
10	2.19	1.90	2.56	0.50	0.64	0.06	1.36	-0.68	1.31	0.58	2.06	0.65
11	1.90	1.24	2.67	1.05	1.61	-0.40	1.62	0.19	1.43	0.00	1.76	1.11
12	1.30	0.55	1.41	-1.80	1.60	0.48	1.78	0.81	1.42	0.95	1.78	0.75
13	1.73	0.61	3.03	1.17	1.58	0.51	1.62	0.42	1.99	1.02	1.17	0.49
14	2.49	0.59	3.01	1.05	0.93	0.17	1.18	0.24	1.80	0.86	1.07	0.21
15	3.30	1.75	1.35	0.85	0.90	0.04	1.90	0.26	1.74	0.75	1.48	0.15
16	3.15	1.78	1.52	0.13	0.95	-0.40	2.05	0.99	1.30	0.76	2.18	1.16
17	2.34	1.05	1.88	0.33	1.05	-0.41	2.00	0.98	1.72	0.86	2.14	1.75
18	1.23	0.57	0.94	-0.88	2.11	0.45	1.45	0.62	1.76	0.80	2.38	1.42
19	1.39	0.52	1.20	-0.84	1.55	0.29	1.37	0.62	1.55	0.86	3.15	1.86
20	1.78	0.64	1.69	-0.63	1.26	0.23	1.65	0.86	1.78	0.74	2.73	1.92
21	2.44	0.85	1.89	0.99	1.22	0.07	1.12	0.32	2.31	1.29	2.33	1.82
22	2.85	1.50	1.87	0.83	1.31	0.00	1.07	0.40	1.93	1.39	2.39	1.72
23	2.44	1.97	2.34	1.02	0.90	0.18	0.99	-0.10	1.81	1.18	3.13	2.02
24	2.06	1.34	1.85	0.98	1.19	0.09	1.05	-0.27	1.69	0.75	3.68	2.50
25	1.49	0.88	2.15	0.83	0.99	0.25	1.71	0.50	1.32	0.46	4.29	3.01
26	1.21	0.36	1.34	0.08	0.69	-0.79	1.46	0.75	1.63	0.48	3.53	2.22
27	1.55	0.21	0.69	-0.06	0.59	-0.79	0.94	-0.16	1.85	1.10	2.66	1.75
28	1.45	-0.04	2.24	-0.20	0.51	-0.56	1.05	0.06	1.62	0.83	1.88	1.50
29	1.42	0.39	1.76	0.89	0.16	-1.08	1.03	-0.08	1.44	0.70	2.15	1.49
30	1.90	0.71	1.16	0.33	0.38	-1.43	0.75	-0.11	1.68	0.81	2.30	1.47
31	---	---	0.82	-0.63	---	---	1.13	-0.26	2.51	0.79	---	---

02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued

