

02092554 TRENT RIVER AT POLLOCKSVILLE, NC

LOCATION.--Lat 35°00'39", long 77°13'09", Jones County, 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.

PERIOD OF RECORD.--July 1996 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is at NGVD of 1929. Prior to Oct. 1999 datum reported as 10 ft below NGVD 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. Mean 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.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,130 ft³/s, Apr. 11, maximum gage height, 5.66 ft, Sept. 18; minimum discharge, -1,500 ft³/s, Sept. 18, minimum gage height -2.04 ft, Feb. 23.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	734	-196	568	-248	664	-304	648	-166	482	-241	980	476
2	473	-225	665	-337	441	-230	918	-363	579	-284	1,180	596
3	551	-378	467	-400	604	-746	887	-102	560	-190	1,080	-633
4	779	-381	506	-432	831	-450	701	-323	621	-510	1,400	347
5	598	-266	742	-428	926	-174	659	-82	596	-368	1,020	181
6	846	-717	833	-259	513	-362	802	15	833	-397	967	-220
7	533	-295	647	-584	572	-317	775	-475	786	-213	1,210	-761
8	583	-575	608	-273	421	-208	729	-400	598	-155	1,070	264
9	806	-462	368	-175	739	-602	781	-403	484	-163	849	224
10	563	-271	487	-360	565	-309	508	-71	1,040	-386	1,130	-469
11	658	-274	573	-426	667	14	454	-244	647	-97	1,140	-216
12	677	-488	815	-542	433	-370	818	-253	607	-213	848	96
13	584	-374	821	-636	1,200	-548	564	-133	604	-112	800	241
14	630	-750	379	-282	758	-297	711	-487	548	-102	1,230	-696
15	749	-1,130	555	-226	616	-209	799	-338	580	-553	972	414
16	1,770	-1,330	643	-202	603	-558	583	-282	801	-215	976	-217
17	675	-480	880	-189	833	-558	761	-421	874	201	1,060	247
18	617	-480	700	-536	863	-352	593	-444	944	425	1,140	285
19	635	-257	541	-43	505	-115	586	-208	999	410	1,090	-153
20	524	-260	536	-126	570	-237	644	-377	1,050	135	1,620	271
21	398	-505	678	-277	567	-146	674	-618	1,100	393	1,960	1,120
22	623	-352	621	81	586	-361	610	-166	1,120	59	2,100	1,350
23	503	-297	578	-416	541	-159	830	-396	1,300	-55	2,380	1,390
24	940	-713	452	-220	1,070	-691	687	-500	1,100	-63	2,400	1,630
25	940	-574	409	-109	1,450	84	436	-131	1,050	-247	2,590	1,900
26	688	-409	594	-302	587	-351	402	-197	1,030	304	2,380	1,730
27	538	-377	581	-239	543	-52	646	-645	785	423	2,260	1,140
28	689	-346	606	-482	528	-113	580	-155	1,140	98	2,350	1,170
29	578	-560	692	-246	610	-533	570	-317	---	---	2,200	1,100
30	696	-365	508	-374	914	-192	430	-269	---	---	1,570	-73
31	431	-391	---	---	514	-184	526	-146	---	---	1,210	310
MONTH	1,770	-1,330	880	-636	1,450	-746	918	-645	1,300	-553	2,590	-761

02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER						
1	980	300	657	-138	2,540	1,920	641	-335	1,320	908	706	-164
2	891	-217	652	-312	2,570	1,530	1,360	-157	1,150	802	732	-249
3	881	-110	1,180	-631	2,460	1,310	1,360	594	1,060	481	756	-257
4	792	-142	898	-394	2,270	975	1,510	583	959	276	651	-252
5	630	-127	723	-205	1,970	937	1,620	1,060	892	109	573	-422
6	908	-877	654	-452	1,450	894	1,620	904	793	140	974	-318
7	1,770	-510	823	26	1,250	898	1,460	875	864	-176	675	-309
8	873	-106	690	-351	1,130	438	1,370	662	934	-52	744	-301
9	1,350	-263	914	-344	1,030	368	1,230	575	1,040	-153	678	-427
10	3,060	-663	1,010	-494	1,190	210	1,230	339	1,050	82	943	-342
11	3,130	2,060	663	-378	981	230	1,110	117	1,150	-111	921	-363
12	2,830	2,080	693	-396	740	340	820	-239	1,070	309	1,330	-351
13	2,810	1,950	562	-472	800	99	1,160	-302	1,310	460	708	-374
14	2,950	2,310	739	-397	746	77	1,950	842	1,580	1,090	969	-559
15	2,940	2,400	567	-319	773	24	2,110	1,400	1,630	1,240	682	-278
16	2,860	2,330	565	-371	1,110	-667	2,500	1,690	1,610	1,050	632	-579
17	2,740	1,030	653	-616	1,200	-209	2,630	1,680	1,280	582	625	-565
18	2,380	1,160	450	-444	1,150	135	2,910	2,250	1,740	453	2,660	-1,500
19	1,860	1,010	951	-393	1,120	444	2,960	2,480	1,750	1,050	2,870	1,100
20	1,520	-150	908	-246	1,220	692	2,810	2,360	1,790	1,270	1,560	932
21	1,300	137	651	26	1,600	497	2,890	2,240	1,810	1,250	1,190	221
22	918	301	786	-485	1,290	536	2,780	2,170	1,750	1,180	1,050	154
23	1,050	-223	1,340	-485	1,220	403	2,400	1,700	1,600	837	1,100	-95
24	1,220	-395	1,930	-87	1,000	159	2,180	1,540	1,610	745	1,000	-105
25	658	-186	1,440	872	956	160	2,090	1,310	1,470	744	1,000	202
26	948	51	1,430	973	794	267	1,920	1,300	1,070	496	865	3.6
27	1,040	-262	2,090	-36	866	-7.8	1,710	1,240	841	157	908	-302
28	868	191	2,530	1,420	748	-211	1,910	1,030	909	91	1,120	-135
29	706	104	2,340	1,770	760	-249	1,670	977	757	-211	1,160	-202
30	721	-117	2,480	1,650	653	-161	1,520	532	735	-212	830	29
31	---	---	2,470	1,330	---	---	1,450	711	825	-386	---	---
MONTH	3,130	-877	2,530	-631	2,570	-667	2,960	-335	1,810	-386	2,870	-1,500

