

02092554 TRENT RIVER AT POLLOCKSVILLE, NC

LOCATION.--Lat 35°00'36", long 77°13'08", 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, 2,230 ft³/s, May 7, maximum gage height, 6.23 ft, Sept. 15; minimum discharge, -2,060 ft³/s, Sept. 15.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	941	-442	506	-410	1,330	172	709	56	740	-119	1,240	216
2	890	-429	670	-284	1,110	475	661	89	840	-321	957	164
3	794	-420	434	-907	1,080	352	623	-20	991	-408	894	222
4	817	-86	833	-450	877	444	621	105	870	-347	831	256
5	780	-479	824	-439	830	122	402	-19	982	-406	731	-284
6	829	-134	541	-357	688	144	487	-51	820	-209	972	-163
7	710	-245	514	-324	759	45	795	-545	777	-362	731	-234
8	647	-261	612	-809	688	-270	809	-345	977	-565	861	-595
9	579	-183	471	-538	618	-9.7	758	-586	755	-56	853	-392
10	591	-388	729	-326	688	-9.4	875	-276	813	-234	859	-596
11	846	-486	545	-351	741	-123	781	-510	728	-466	856	-356
12	609	-239	500	-339	824	-258	588	-273	745	-428	706	-499
13	926	-451	723	-564	766	-30	537	-505	697	-364	651	-831
14	847	-355	1,090	75	815	-363	878	-705	764	-245	960	-625
15	733	-33	862	201	860	-403	1,060	-429	667	-306	747	-358
16	845	-228	889	243	648	-66	1,140	-154	514	-42	431	-657
17	967	-406	729	13	579	-227	1,070	144	838	-742	1,100	-783
18	678	1.5	794	59	799	-361	973	-232	867	-627	745	-23
19	752	-67	736	-68	576	-132	1,020	26	566	-515	907	-94
20	633	-237	628	-219	758	-473	967	-334	824	-601	942	46
21	461	-338	775	-444	694	-345	659	-308	698	-344	917	-216
22	788	-450	742	-430	590	-233	843	96	761	-660	823	-283
23	1,130	-466	748	-361	744	-260	893	-284	556	-595	944	-249
24	1,030	-548	769	-191	707	-633	817	-507	1,160	-538	767	-420
25	584	-364	975	-447	518	-436	863	-529	679	-251	989	-399
26	882	-564	799	-326	971	-352	574	-190	645	-152	932	-395
27	767	-485	1,100	157	856	13	630	-525	633	-588	927	75
28	620	-492	1,150	295	1,060	49	891	-566	1,800	-780	1,040	-184
29	696	-228	1,060	-85	811	23	859	-386	---	---	964	-210
30	673	-316	1,090	426	838	46	847	-420	---	---	1,020	-208
31	673	-357	---	---	755	254	674	-367	---	---	1,140	250
MONTH	1,130	-564	1,150	-907	1,330	-633	1,140	-705	1,800	-780	1,240	-831

02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER						
1	810	-483	884	-855	907	-632	1,370	247	846	-428	429	-651
2	1,350	-268	671	-571	1,120	-935	1,360	733	707	-130	431	-401
3	1,150	-67	742	-622	662	-437	1,780	569	608	-99	481	-693
4	1,120	-45	565	-559	660	-487	1,880	1,130	738	-339	673	-636
5	1,340	-135	---	---	849	-505	1,710	1,140	677	-244	677	-858
6	1,190	469	1,910	-1,610	821	-472	1,680	1,060	545	-156	712	-749
7	916	346	2,230	804	750	-195	1,500	560	451	-330	988	-838
8	1,180	131	1,250	722	678	-326	1,420	340	638	-453	908	-502
9	1,230	-580	1,330	318	584	-22	1,040	108	597	-392	563	-659
10	1,770	-109	1,340	436	934	1.4	865	-320	708	-493	665	-1,100
11	1,190	-776	1,190	629	1,140	212	572	-277	650	-319	917	-837
12	1,360	-695	1,150	-475	816	218	640	-384	513	-391	909	-546
13	1,310	-903	1,450	-526	630	153	1,270	-1,300	531	-423	792	-485
14	1,110	-165	1,330	429	709	-119	737	-628	611	-428	-74	-1,460
15	1,550	-976	787	46	807	-179	823	-419	489	-523	2,080	-2,060
16	1,760	435	701	-497	464	-324	797	-457	774	-622	1,990	472
17	1,590	644	881	-346	763	-760	763	-256	566	-797	929	63
18	1,300	579	775	160	626	-612	683	-399	441	-522	976	-47
19	972	506	748	-255	463	-598	592	-448	668	-434	784	-332
20	849	351	655	-187	590	-459	706	-467	758	-506	970	61
21	889	-33	786	-702	691	-218	712	-574	687	-453	850	-292
22	800	-66	884	-233	609	-346	686	-473	565	-546	699	-292
23	891	-383	722	-238	452	-703	821	-896	532	-517	806	-231
24	908	-544	1,170	-869	731	-581	613	-641	834	-531	573	-447
25	617	-459	1,060	-889	354	-504	785	-297	768	-491	762	-776
26	615	-462	831	-481	972	-466	618	-419	712	-497	535	12
27	724	-613	981	-591	532	-350	565	-440	603	-536	687	-686
28	660	-451	714	-400	651	-417	411	-631	519	-529	578	-488
29	628	-477	886	-486	789	-507	1,080	-734	724	-428	553	-282
30	717	-385	542	-497	1,100	-98	769	-703	474	-319	757	-943
31	---	---	880	-554	---	---	806	-427	416	-395	---	---
MONTH	1,770	-976	---	---	1,140	-935	1,880	-1,300	846	-797	2,080	-2,060

