

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, 3,050 ft³/s, Aug. 19, maximum gage height, 3.95 ft, Feb. 27; minimum discharge, -818 ft³/s, Aug. 3.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	881	-223	2,790	2,220	611	-67	777	131	771	---	1,400	1,120
2	764	-220	2,890	2,290	900	-327	698	240	704	-61	1,360	1,020
3	876	-456	2,950	2,260	681	-475	719	2.8	644	-38	1,570	517
4	764	-8.1	2,780	2,130	595	-367	618	175	573	-218	1,540	972
5	854	-264	2,630	1,940	1,310	-401	592	148	525	-251	1,150	679
6	808	-216	2,350	1,700	690	-261	973	-550	812	181	1,090	-5.3
7	803	-263	2,020	891	816	-5.3	788	-191	708	-171	1,180	-310
8	1,020	-400	1,690	774	673	100	624	92	909	-379	1,190	-88
9	1,280	-208	1,840	392	725	40	839	-339	826	14	912	-284
10	1,440	500	1,780	967	939	-147	1,110	-441	772	57	1,590	-529
11	1,390	810	1,570	929	1,370	---	648	-66	638	-106	1,170	26
12	1,380	994	1,210	509	---	---	959	-239	955	-227	976	127
13	1,570	407	1,070	186	1,280	45	922	-76	899	178	1,250	-372
14	1,670	725	902	37	2,100	250	925	-330	819	247	861	171
15	1,900	771	840	103	2,320	1,460	---	---	785	-303	626	-167
16	1,310	866	734	191	2,320	1,750	---	---	1,420	465	642	-176
17	1,420	883	654	114	2,500	1,940	749	-132	1,380	735	838	-349
18	1,180	398	642	37	2,360	1,820	847	85	1,420	829	715	-139
19	1,080	412	888	-239	2,340	1,660	948	-413	1,350	830	901	-639
20	911	400	983	-239	2,390	1,720	809	-215	1,620	1,020	1,180	-336
21	756	388	864	148	2,320	1,510	---	-53	1,550	731	840	-430
22	753	-136	903	39	1,940	1,330	787	2.8	1,330	575	915	-319
23	750	-229	916	200	1,720	1,140	997	-332	1,320	584	701	-259
24	898	-407	856	186	1,350	821	875	-269	1,080	477	731	-202
25	871	-461	985	-505	1,270	786	970	-437	1,040	-179	511	-31
26	667	-196	787	274	1,140	670	---	159	805	-512	558	-5.2
27	580	-40	868	-100	1,120	520	1,240	-251	1,460	-422	554	-62
28	795	-352	1,000	-42	1,040	482	939	-201	2,030	1,210	---	---
29	2,010	580	945	-209	993	509	720	-109	1,680	1,260	---	---
30	2,360	1,680	669	-272	967	196	796	173	---	---	869	-305
31	2,650	2,020	---	---	846	298	749	-617	---	---	---	---
MONTH	2,650	-461	2,950	-505	---	---	---	---	2,030	---	---	---

02092554 TRENT RIVER AT POLLOCKSVILLE, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER						
1	---	---	555	-317	488	-546	626	-55	500	-406	1,420	-409
2	---	-155	714	32	710	-690	630	12	678	-412	1,490	266
3	750	-246	1,060	258	795	-675	660	-283	1,340	-818	1,310	734
4	560	-174	1,440	363	744	-386	719	-439	1,260	-469	1,210	398
5	824	-320	1,770	1,020	754	-609	776	319	983	-293	1,210	-49
6	875	-355	1,980	1,100	679	-494	893	210	1,450	-375	1,430	-49
7	753	-321	2,080	1,600	945	-566	991	360	1,020	221	1,400	606
8	704	-195	2,050	998	556	-432	1,110	-439	982	399	1,040	380
9	784	-504	2,220	1,600	657	-372	852	104	904	339	1,290	296
10	675	-214	1,940	1,330	563	-419	858	24	914	154	1,240	287
11	708	-287	1,690	936	716	-450	1,020	-354	797	202	954	14
12	1,440	-185	1,300	453	996	-812	782	-366	708	1.4	952	102
13	1,810	733	748	165	863	204	680	-251	1,250	-452	940	-187
14	1,530	804	655	23	760	192	647	-555	1,890	-164	755	-62
15	1,620	786	663	-320	699	-212	742	-459	1,740	926	1,040	236
16	1,790	458	702	-394	568	-108	535	-656	2,040	1,370	1,190	335
17	1,520	668	611	-331	558	126	725	-410	2,530	1,280	1,190	654
18	1,360	783	680	-311	641	-520	759	-598	2,890	2,330	1,090	205
19	1,120	717	563	-243	778	-709	781	-616	3,050	2,570	714	-303
20	828	54	752	-597	985	-725	752	-488	3,050	2,640	1,150	-430
21	683	72	540	-396	669	-68	594	-621	3,010	2,530	965	134
22	593	-105	617	-451	746	-234	617	-353	3,010	2,070	1,020	-215
23	610	-114	771	-584	649	-278	488	-474	2,410	1,660	776	-555
24	1,070	-694	503	-482	800	-549	709	-620	1,920	1,200	746	-498
25	1,070	-399	593	-498	714	-165	566	-415	1,610	730	654	-135
26	579	-351	572	-528	697	-804	642	-328	1,300	395	735	-356
27	799	-630	719	-627	888	-410	633	-362	972	-179	749	-429
28	619	-325	584	-593	754	-547	762	-561	878	-11	895	-287
29	621	-299	715	-694	1,070	-774	838	-675	703	-373	673	-412
30	629	-292	570	-225	1,010	-313	622	-540	952	107	941	-662
31	---	---	560	-433	---	---	545	-360	823	-409	---	---
MONTH	---	---	2,220	-694	1,070	-812	1,110	-675	3,050	-818	1,490	-662

