

0209205053 SWIFT CREEK AT NORTH CAROLINA HIGHWAY 43 NEAR STREETS FERRY, NC

Neuse Basin
Middle Neuse Subbasin

LOCATION.--Lat 35°13'51", long 77°06'50" referenced to North American Datum of 1983, Craven County, NC, Hydrologic Unit 03020202, at downstream side of bridge on North Carolina Highway 43, 5 mi upstream from mouth, 2 mi upstream from Little Fisher Creek, and 1.3 mi north-northeast of Streets Ferry.

DRAINAGE AREA.--269 mi².

SURFACE-WATER RECORDS

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

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

REMARKS.--Records 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, 10,900 ft³/s, September 21, 1999, maximum gage height, 12.28 ft, September 21, 1999, from flood mark; minimum discharge, -5,140 ft³/s, August 30, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,620 ft³/s, November 24, maximum gage height, 5.54 ft, November 24; minimum discharge, -2,620 ft³/s, November 21.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	323	-341	467	6.7	1,020	525	925	302	976	-477	842	-509
2	992	-530	1,150	-1,000	935	40	704	-346	1,100	58	1,110	-745
3	244	-82	1,290	-774	1,300	-379	896	86	1,060	296	820	97
4	360	-289	774	-465	1,300	251	874	337	1,230	629	840	-475
5	269	-902	476	-461	854	38	694	208	898	187	607	-131
6	1,260	-889	967	-417	852	-14	1,160	347	873	188	1,030	-1,010
7	831	-680	817	-541	786	114	1,270	479	708	-273	909	-250
8	18	-951	726	-246	550	-491	1,510	766	626	-71	871	-994
9	1,180	-866	824	69	428	-3.2	1,200	634	561	-81	582	-370
10	1,210	-791	1,120	131	363	80	909	316	488	-3.0	750	6.7
11	823	-188	1,010	-44	258	26	729	236	468	-190	662	-666
12	726	-699	978	6.8	273	-13	585	272	351	26	840	-615
13	1,030	-932	616	-344	334	6.7	495	212	508	-208	531	-52
14	718	-565	1,160	515	350	-23	421	168	654	-398	409	-22
15	684	-533	1,290	445	347	6.7	463	124	560	-239	484	-350
16	718	-755	1,550	-141	401	-212	412	-909	515	6.7	760	-707
17	1,100	-729	1,180	-3.2	377	-33	801	-745	463	-22	617	-597
18	546	-698	1,380	-549	272	6.6	749	-3.2	589	-12	819	-364
19	922	-609	990	352	522	-457	523	-221	411	-278	646	-23
20	844	-632	678	-317	539	-464	517	-513	378	-49	500	6.4
21	592	-737	546	-2,620	408	-179	432	-267	220	-325	1,000	-542
22	874	-695	2,550	-1,070	542	-299	871	47	508	-335	399	-3.1
23	432	-724	3,330	2,100	819	-253	1,050	355	414	-501	558	-80
24	363	-595	3,620	2,790	718	-877	1,310	594	494	-131	381	-184
25	465	-277	3,550	2,740	1,780	-665	1,130	490	496	-496	963	-1,070
26	580	-507	3,190	2,340	1,770	820	902	-23	491	-715	1,330	-23
27	380	-271	2,500	1,790	1,590	867	739	199	640	-828	306	-60
28	781	-284	2,040	1,170	1,700	1,060	658	127	1,020	-709	384	-971
29	821	-110	1,440	826	1,550	568	561	-496	---	---	1,200	-830
30	706	300	1,040	566	1,240	469	451	155	---	---	531	-413
31	513	170	---	---	759	-117	675	-496	---	---	551	-196
Month	1,260	-951	3,620	-2,620	1,780	-877	1,510	-909	1,230	-828	1,330	-1,070

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	531	-292	503	-515	623	-344	477	-493	1,090	-503	1,080	-972
2	489	-663	490	-532	358	-465	829	-206	1,010	-538	981	-918
3	635	-605	664	-731	1,420	-1,140	597	-201	618	-331	1,110	-298
4	440	-218	1,230	-838	747	-514	423	-187	529	-472	791	-468
5	1,010	-995	1,110	-206	576	-462	407	-232	496	-223	821	-487
6	462	-581	413	-1,360	570	-870	412	-317	824	-505	758	-594
7	687	-626	1,050	-1,130	1,070	-841	810	-818	341	-246	758	-455
8	391	-651	1,400	-172	470	-435	443	-404	510	-364	539	-367
9	417	-471	1,310	-594	638	-755	602	-346	375	-337	994	-479
10	465	-456	769	-397	656	-1,020	896	-813	731	-917	815	-596
11	650	-521	512	-316	1,260	-563	590	-487	508	-830	617	-537
12	483	-270	794	-316	706	-346	630	-586	712	-588	1,100	-607
13	491	-517	540	-909	423	-1,040	575	-399	631	-390	892	-786
14	648	-842	1,410	-628	717	-947	569	-545	243	-542	920	-605
15	827	-304	1,250	43	1,060	-981	482	-345	818	-505	518	-751
16	970	-103	795	-187	1,140	-531	691	-442	531	-246	984	-719
17	1,490	414	410	-479	850	-578	496	-418	799	-523	891	-937
18	1,680	250	643	-366	696	-475	533	-438	554	-726	1,300	-783
19	1,660	589	963	-490	432	-407	589	-3.0	520	-472	1,050	-841
20	1,290	-290	627	-529	528	-983	910	-993	547	-515	1,030	-576
21	1,360	38	329	-1,180	1,080	-873	1,000	-797	738	-553	1,140	-751
22	974	-296	1,370	-526	641	-528	1,310	-860	652	-839	1,080	-744
23	615	36	763	-560	1,100	-1,020	1,240	-322	904	-786	746	-809
24	433	-321	596	-398	576	-437	697	-414	903	-382	1,150	-853
25	539	-230	528	-288	639	-281	420	-387	781	-356	787	-214
26	622	-449	518	-227	549	-160	862	-382	520	-388	840	-457
27	404	-293	376	-265	626	-158	696	-382	517	-585	858	-661
28	224	-629	334	-258	656	-271	474	-1,060	829	-1,040	550	-466
29	657	-634	289	-410	523	-611	658	-675	956	-437	1,000	-1,110
30	633	-305	605	-605	919	-494	995	-906	876	-337	1,070	-994
31	---	---	523	-319	---	---	662	-662	670	-334	---	---
Month	1,680	-995	1,410	-1,360	1,420	-1,140	1,310	-1,060	1,090	-1,040	1,300	-1,110

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