

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

LOCATION.--Lat 35°13'57", long 77°06'51", Craven County, Hydrologic Unit 03020202, at downstream side of bridge on NC Highway 43, 0.5 mi upstream from mouth, 2 mi upstream from Little Fisher Creek, and 1.3 mi north-northeast of Streets Ferry.

DRAINAGE AREA.--269 mi².

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,310 ft³/s, Apr. 12, maximum gage height, 5.45 ft, Apr. 10; minimum discharge, -2,240 ft³/s, Sept. 18.

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	969	-354	772	-316	460	-349	631	-201	393	-328	989	291
2	479	-352	698	-639	329	-62	701	-862	442	-348	1,240	547
3	612	-454	528	-570	1,180	-965	1,030	-95	421	-264	1,150	-1,550
4	1,220	-590	540	-578	915	-675	673	-374	517	-781	1,570	-529
5	502	-448	998	-681	1,080	-265	731	-76	421	-648	1,090	117
6	766	-1,130	1,300	-635	584	-356	608	-94	776	-584	844	-65
7	692	-502	953	-837	672	-153	516	-563	501	-210	1,660	-1,630
8	736	-1,050	976	-310	520	-130	581	-542	562	-72	1,670	695
9	1,330	-743	356	-191	1,000	-807	546	-493	468	-20	1,480	653
10	959	-437	491	-485	550	-304	306	-63	940	-531	1,090	-930
11	885	-456	598	-552	682	24	417	-269	589	-151	1,390	311
12	682	-664	1,050	-798	395	-405	804	-400	484	-226	1,320	424
13	797	-533	1,060	-886	1,470	-1,180	365	-72	470	96	840	261
14	1,050	-1,190	801	-22	1,090	-268	650	-642	414	-20	851	-1,700
15	1,020	-1,560	846	285	558	-123	586	-575	532	-809	1,060	451
16	2,190	-2,020	920	86	587	-998	525	-290	705	-300	969	-460
17	1,510	-623	1,110	-35	961	-867	542	-579	715	142	671	-241
18	992	-552	923	-617	984	-709	507	-644	1,300	519	899	-480
19	897	-280	905	334	445	-222	416	-369	1,430	756	747	-770
20	675	-453	698	55	539	-297	454	-564	1,540	151	1,170	-279
21	580	-890	694	-35	373	-34	681	-829	1,240	353	1,170	595
22	845	-636	505	131	516	-316	472	-217	1,050	102	1,740	970
23	557	-468	475	-342	461	23	775	-600	1,260	-425	2,110	1,100
24	1,290	-1,200	362	-34	721	-1,430	489	-671	1,140	-54	2,060	532
25	1,460	-958	338	24	1,640	49	267	-164	1,080	-698	1,680	885
26	1,250	-646	496	-329	473	-379	311	-310	1,260	154	1,300	555
27	789	-615	418	-189	490	-6.1	531	-768	669	87	1,090	-851
28	923	-617	664	-591	394	-102	451	-314	1,270	-345	1,150	-154
29	973	-1,010	574	-187	565	-729	404	-428	---	---	843	220
30	933	-534	472	-478	872	-141	429	-360	---	---	836	-799
31	399	-674	---	---	428	-169	418	-202	---	---	835	405
MONTH	2,190	-2,020	1,300	-886	1,640	-1,430	1,030	-862	1,540	-809	2,110	-1,700

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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	782	302	686	-154	1,830	952	509	-555	524	-157	453	-362
2	743	-271	674	-254	1,670	770	1,380	-807	534	-176	520	-330
3	668	-190	1,090	-1,180	1,760	960	1,060	-381	519	-205	698	-399
4	646	-188	756	-558	1,500	940	872	-179	703	-251	689	-401
5	508	-100	764	-356	1,210	25	967	446	689	-293	568	-644
6	470	-1,650	824	-482	912	103	869	290	716	-61	1,380	-857
7	1,850	-1,080	722	147	910	380	767	-6.0	921	-119	539	-811
8	1,150	---	923	163	834	-45	649	-282	1,140	376	763	-908
9	1,420	-791	964	-673	830	-325	588	-323	1,140	-253	705	-645
10	2,670	-2,170	1,230	-673	958	-461	570	-677	1,180	175	950	-772
11	3,220	2,420	604	-248	811	-22	625	-267	1,480	425	1,230	-828
12	3,310	2,500	482	-525	635	114	553	-650	1,560	612	1,590	-723
13	2,940	1,380	652	-525	523	-43	1,740	-543	1,520	701	1,020	-631
14	2,420	1,380	752	-363	600	-186	1,390	-166	1,220	578	1,070	-988
15	1,880	908	453	-308	448	-192	1,040	71	1,130	515	1,040	-641
16	1,250	742	601	-468	1,080	-1,290	820	-35	940	389	549	-990
17	906	-1,020	682	-933	1,100	-1,280	838	-666	783	267	850	-1,150
18	980	-1,020	456	-777	1,160	-1,080	593	-85	1,250	-737	2,110	-2,240
19	433	-149	1,140	-368	779	-415	555	-157	629	-245	2,860	1,720
20	755	-621	1,450	-321	761	-524	420	-211	691	91	2,220	1,540
21	1,040	-610	1,480	757	1,310	-912	539	-63	724	9.7	2,360	1,630
22	1,080	350	1,050	-536	1,090	-536	456	92	834	282	2,650	1,810
23	849	-455	1,340	-536	970	-497	467	-319	817	-237	2,660	1,570
24	1,120	-1,030	2,230	-572	527	-605	590	-282	770	-688	2,090	815
25	860	-352	2,390	1,530	749	-396	869	281	1,090	-149	1,650	838
26	967	-452	2,780	1,940	437	-217	959	388	768	252	1,360	-89
27	853	-603	2,750	1,370	505	-339	850	478	604	69	1,130	-348
28	987	183	2,990	2,280	753	-395	803	138	588	-180	1,280	-171
29	900	-36	2,840	1,830	634	-400	696	-91	629	-413	1,610	346
30	831	-175	2,240	1,190	408	-294	793	-855	617	-270	1,500	802
31	---	---	1,610	867	---	---	1,000	-736	614	-475	---	---
MONTH	3,310	-2,170	2,990	-1,180	1,830	-1,290	1,740	-855	1,560	-737	2,860	-2,240

