

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

LOCATION.--Lat 35°13'51", long 77°06'50", 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, 3,090 ft³/s, Nov. 1, maximum gage height, 3.88 ft, Feb. 27; minimum discharge, -1,640 ft³/s, Feb. 26.

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	1,550	605	3,090	2,270	442	-198	552	-44	733	-304	2,010	1,140
2	1,310	105	3,040	2,030	749	-517	537	127	553	-21	1,370	734
3	1,270	-752	2,310	1,420	646	-756	460	-81	475	-129	1,140	-165
4	1,260	208	1,650	912	550	-925	427	23	539	-407	905	360
5	1,190	-539	1,130	338	1,630	-971	468	79	541	-260	641	243
6	921	-529	905	334	696	-379	891	-799	656	-177	633	-273
7	1,010	-470	823	-793	696	-34	638	-303	521	-425	815	-697
8	1,230	-795	948	-537	605	-55	402	23	891	-666	865	-401
9	955	-826	1,540	-956	583	-194	801	-541	542	-21	682	-527
10	1,030	-633	1,520	629	735	-602	1,320	-902	458	23	1,980	-1,200
11	985	-232	1,350	439	1,460	194	490	-112	386	-136	757	-225
12	809	-106	755	83	1,590	676	489	-563	711	-521	430	-43
13	1,020	-958	664	-343	1,660	-124	499	-385	565	112	1,040	-790
14	1,100	-731	612	-242	2,550	-384	822	-629	648	288	481	-84
15	1,410	-515	626	-118	2,620	1,540	1,040	-773	610	-825	481	-232
16	702	-185	485	-33	2,640	1,800	1,090	-436	1,600	-685	607	-205
17	634	69	439	-6.0	2,820	2,080	544	-398	1,400	623	843	-418
18	847	-563	616	-91	2,710	1,630	532	-197	1,230	628	769	70
19	990	-563	1,140	-480	1,910	1,040	919	-604	1,150	682	707	-1,090
20	471	-180	805	-340	1,570	732	541	-420	1,130	513	1,590	-1,010
21	579	-44	926	193	1,220	402	437	-266	936	207	661	-571
22	466	-436	911	86	986	318	400	-137	1,140	-176	940	-503
23	723	-494	906	25	794	273	604	-544	1,100	-217	665	-212
24	1,030	-878	866	-136	781	165	524	-1,040	875	-66	562	-112
25	944	-915	850	-1,080	753	181	900	-1,040	675	-659	422	24
26	635	-452	922	9.3	966	211	1,520	-499	644	-1,640	399	23
27	520	-201	931	-420	966	40	625	-368	1,480	-1,550	501	-80
28	1,040	-745	857	-396	793	211	622	-393	2,210	1,090	979	-931
29	1,740	89	685	-327	757	193	525	-234	2,260	1,650	924	-649
30	2,070	1,210	609	-451	584	-34	559	23	---	---	873	-414
31	2,890	1,990	---	---	578	-45	951	-908	---	---	1,250	-674
MONTH	2,890	-958	3,090	-1,080	2,820	-971	1,520	-1,040	2,260	-1,640	2,010	-1,200

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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	742	-388	628	-192	554	-545	825	280	489	-293	811	-908
2	699	-285	599	-225	823	-653	710	126	843	-631	843	-1,110
3	529	-324	1,010	65	777	-460	699	-239	1,710	-1,160	756	-356
4	518	-33	1,750	457	902	-414	686	-513	1,960	-595	757	-806
5	625	-516	2,240	1,320	756	-670	469	-90	1,050	-822	922	-881
6	879	-568	2,030	608	874	-497	553	-310	1,450	-1,030	1,150	-905
7	497	-448	1,820	792	1,040	-683	557	-179	932	-538	889	-699
8	636	-327	1,110	-851	812	-404	1,030	-872	863	-273	831	-309
9	1,060	-759	1,300	334	677	-250	551	-412	496	-182	1,080	-216
10	895	-354	640	84	497	-425	633	-679	781	-397	644	-595
11	742	-572	699	-192	535	-449	908	-679	611	-276	799	-345
12	1,090	-747	627	-74	671	-1,080	795	-661	608	-446	884	-430
13	1,480	102	591	-63	899	-455	621	-438	1,500	-722	931	-591
14	1,090	-44	458	-90	560	-73	745	-677	1,800	-1,220	680	-545
15	962	-366	576	-338	459	-430	696	-550	1,240	-85	1,030	-55
16	1,700	-701	679	-286	354	-187	561	-619	1,600	673	647	-550
17	821	24	560	-380	453	-89	787	-283	1,840	42	860	-196
18	714	8.8	744	-265	674	-501	708	-672	2,040	1,280	796	-195
19	509	23	491	-225	620	-943	714	-657	1,800	913	434	-1,150
20	591	-248	632	-483	1,370	-943	713	-590	1,330	625	1,090	-1,020
21	538	-125	461	-446	1,270	55	448	-868	842	249	1,100	74
22	527	-220	583	-439	827	-21	715	-298	779	-114	993	-387
23	574	-126	633	-440	602	-325	679	-421	832	-238	809	-1,070
24	1,460	-1,030	517	-675	724	-826	670	-623	702	-564	520	-1,070
25	1,460	-386	755	-374	681	-368	485	-534	668	-548	759	-189
26	489	-484	535	-426	710	-879	717	-379	939	-584	861	-746
27	841	-481	754	-748	1,120	-473	473	-271	691	-832	831	-521
28	738	-91	485	-509	704	-844	745	-612	836	-255	1,000	-197
29	582	-43	860	-717	1,370	-863	864	-728	570	-451	592	-583
30	593	-6.0	1,030	-268	1,480	-155	773	-538	679	-229	963	-1,030
31	---	---	438	-344	---	---	626	-348	639	-615	---	---
MONTH	1,700	-1,030	2,240	-851	1,480	-1,080	1,030	-872	2,040	-1,220	1,150	-1,150
YEAR	3,090	-1,640										

