

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, 2,450 ft³/s, Apr. 16, maximum gage height, 5.59 ft, Sept. 15; minimum discharge, -2,620 ft³/s, Sept. 15.

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

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	1,200	-649	781	-753	876	-681	461	-7.4	750	-180	2,020	219
2	923	-705	962	-252	876	-285	480	7.2	870	-631	754	155
3	960	-673	345	-1,230	531	-339	493	-26	1,360	-745	654	162
4	846	-634	1,110	-1,000	406	-17	415	67	1,190	-739	607	114
5	777	-819	551	-492	343	-84	442	37	1,100	-904	493	-359
6	838	-526	495	-249	343	-36	459	-26	1,010	-394	881	-185
7	864	-594	371	-300	481	-45	1,010	-867	730	-794	499	-252
8	638	-591	898	-1,020	392	-489	1,020	-396	1,270	-846	620	-849
9	675	-194	757	-655	391	-55	986	-689	797	-308	686	-421
10	602	-473	1,060	-571	493	-199	1,170	-198	750	-404	640	-686
11	1,100	-824	472	-348	558	-256	865	-729	651	-549	577	-289
12	887	-398	445	-322	556	-488	482	-339	679	-400	466	-572
13	956	-633	496	-838	434	-210	563	-532	847	-648	597	-1,060
14	874	-631	1,300	-438	620	-586	929	-1,060	983	-362	1,220	-984
15	737	-95	1,070	-87	971	-592	1,240	-872	456	-295	730	-501
16	761	-379	660	-27	392	-211	1,420	312	437	-27	376	-910
17	946	-682	498	-221	388	-293	1,520	134	1,210	-1,020	1,300	-1,440
18	453	-305	574	-303	620	-344	1,050	-594	644	-741	1,360	556
19	512	-375	480	-311	391	-230	1,070	-320	586	-545	1,670	403
20	519	-504	400	-389	506	-633	585	-522	1,100	-684	1,810	770
21	361	-716	785	-680	490	-392	497	-504	525	-310	1,260	-169
22	1,030	-1,030	866	-512	372	-219	913	-18	913	-846	1,270	-273
23	1,330	-989	675	-611	575	-373	505	-414	486	-877	1,180	223
24	1,020	-773	813	-509	785	-864	609	-530	1,710	-835	767	-272
25	557	-507	877	-565	414	-610	982	-779	739	-468	1,380	-102
26	1,200	-924	783	-572	1,250	-515	420	-57	881	-337	1,380	8.0
27	1,060	-727	1,120	-301	706	-135	602	-644	576	-1,020	1,190	500
28	739	-807	827	-155	1,260	-311	926	-1,040	2,190	-1,240	1,470	-183
29	1,020	-282	1,010	-816	669	-7.3	1,010	-237	---	---	1,330	-18
30	995	-475	787	-18	550	-65	1,070	-327	---	---	1,040	-101
31	836	-429	---	---	450	69	644	-551	---	---	1,130	557
MONTH	1,330	-1,030	1,300	-1,230	1,260	-864	1,520	-1,060	2,190	-1,240	2,020	-1,440

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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	929	-906	1,170	-859	1,310	-897	923	-300	1,270	-696	773	-548
2	1,300	-848	816	-649	1,570	-1,300	706	-532	948	24	523	-342
3	1,060	358	1,200	-743	1,360	-429	1,260	-883	984	386	498	-830
4	1,380	344	717	-519	888	-555	1,510	-241	1,000	-166	985	-745
5	1,380	-101	857	-1,360	1,150	-762	931	55	690	-154	1,200	-1,050
6	1,510	543	1,800	-2,150	728	-533	656	-313	542	-7.5	1,220	-931
7	864	232	2,390	1,180	783	-331	1,010	-613	458	-231	1,290	-925
8	1,080	-67	1,620	1,080	908	-422	601	-361	685	-322	1,300	-773
9	1,080	-1,190	1,670	324	746	132	803	-567	588	-375	1,070	-932
10	1,730	-1,050	1,440	488	650	-56	686	-458	745	-389	926	-1,500
11	1,260	-1,170	1,170	444	995	-383	425	-335	661	-160	1,230	-1,050
12	1,630	-1,250	960	-1,160	550	-163	639	-349	539	-222	1,360	-607
13	1,580	-1,540	1,350	-1,290	384	-131	1,760	-1,360	680	-643	1,280	-546
14	1,410	-925	1,480	243	453	-256	1,400	-333	717	-562	120	-2,120
15	2,170	-877	732	-192	611	-203	909	-76	429	-504	2,160	-2,620
16	2,450	1,370	597	-850	329	-452	991	-76	763	-677	2,390	884
17	2,240	1,210	970	-783	1,230	-948	886	-104	788	-897	1,190	-363
18	1,870	882	766	-257	587	-698	786	-342	836	-620	1,110	-490
19	1,020	435	821	-439	735	-993	636	-270	830	-104	835	-782
20	690	288	792	-347	715	-697	617	-482	1,040	-526	1,150	-497
21	821	-254	902	-715	1,200	-194	911	-671	752	-299	727	-646
22	665	-67	1,400	-345	562	-367	816	-333	812	-491	958	-602
23	759	-250	662	-322	458	-612	1,210	-935	589	-622	1,130	-381
24	704	-658	1,240	-1,180	1,080	-594	971	-869	1,180	-707	426	-640
25	412	-212	1,440	-1,220	327	-522	1,230	-361	860	-695	1,070	-1,060
26	504	-380	1,080	-732	1,190	-655	667	-298	1,290	-569	664	-66
27	885	-562	1,210	-596	523	-288	637	-341	1,170	-569	921	-865
28	602	-439	668	-475	702	-295	530	-932	699	-625	940	-663
29	611	-381	1,120	-750	1,210	-180	1,790	-932	838	-384	622	-211
30	585	-304	612	-578	890	7.4	1,060	-709	656	-341	1,020	-1,210
31	---	---	1,030	-1,080	---	---	1,170	-696	410	-363	---	---
MONTH	2,450	-1,540	2,390	-2,150	1,570	-1,300	1,790	-1,360	1,290	-897	2,390	-2,620
YEAR	2,450	-2,620										

