

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.--

DISCHARGE.--July 1996 to June 2008 (discontinued)

GAGE HEIGHT.--July 1996 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is at National Geodetic Vertical Datum 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, 2,160 ft³/s, April 9, maximum gage height, 4.17 ft, September 25; minimum discharge, -1,470 ft³/s, April 15.

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

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

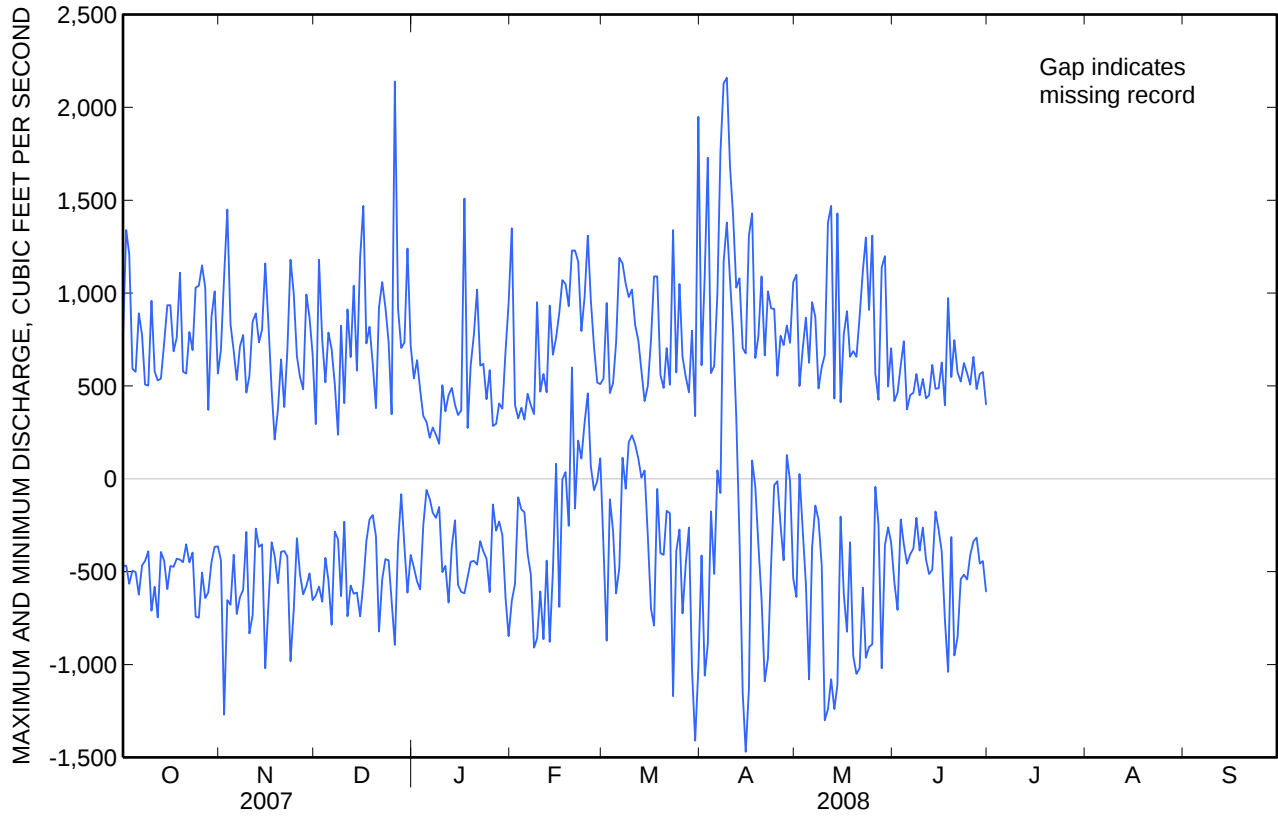
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	758	-468	694	-439	295	-628	541	-477	1,350	-657	540	-364
2	1,340	-468	1,090	-1,270	1,180	-581	640	-552	398	-565	947	-871
3	1,210	-565	1,450	-653	751	-662	481	-595	326	-100	462	-110
4	593	-495	832	-678	520	-426	338	-247	383	-165	517	-283
5	577	-502	689	-409	788	-547	307	-60	320	-180	735	-617
6	891	-624	533	-728	698	-786	222	-108	458	-404	1,190	-478
7	776	-467	713	-638	507	-284	277	-183	397	-515	1,160	114
8	508	-442	775	-597	237	-327	237	-210	349	-909	1,050	-53
9	503	-390	465	-286	825	-632	189	-152	952	-860	979	197
10	959	-710	554	-832	408	-231	504	-502	470	-607	1,020	234
11	578	-582	847	-735	913	-740	364	-469	565	-863	829	186
12	530	-746	891	-268	656	-575	452	-666	466	-440	745	108
13	540	-394	735	-366	1,040	-619	490	-364	933	-878	584	6.7
14	729	-441	803	-352	583	-613	399	-223	669	-495	419	45
15	935	-594	1,160	-1,020	1,190	-740	344	-571	761	81	500	-305
16	935	-470	834	-678	1,470	-565	369	-609	896	-689	749	-700
17	687	-474	478	-342	729	-336	1,510	-616	1,070	-3.2	1,090	-790
18	761	-430	212	-415	819	-218	274	-529	1,050	36	1,090	-54
19	1,110	-435	370	-562	619	-195	610	-446	930	-253	560	-401
20	578	-449	643	-393	381	-309	777	-442	1,230	600	490	-409
21	567	-352	387	-389	924	-822	1,020	-462	1,230	-159	704	-172
22	790	-450	687	-418	1,060	-541	610	-336	1,170	206	507	-185
23	694	-397	1,180	-982	924	-433	620	-390	796	109	1,340	-1,170
24	1,030	-742	1,000	-707	739	-439	429	-430	980	302	573	-391
25	1,040	-748	660	-320	348	-658	585	-610	1,310	460	1,050	-273
26	1,150	-505	549	-512	2,140	-894	285	-138	962	67	658	-725
27	1,030	-642	483	-622	916	-350	297	-279	710	-61	551	-460
28	372	-612	993	-577	705	-83	406	-230	519	-13	466	-263
29	873	-448	867	-509	735	-366	379	-303	510	110	798	-1,020
30	1,010	-366	672	-653	1,240	-613	690	-641	---	---	338	-1,410
31	567	-364	---	---	718	-410	945	-847	---	---	1,950	-1,020

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

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	612	-413	1,100	-636	419	-557	---	---	---	---	---	---
2	1,100	-1,060	500	26	464	-706	---	---	---	---	---	---
3	1,730	-890	698	-272	613	-219	---	---	---	---	---	---
4	570	-176	868	-564	741	-351	---	---	---	---	---	---
5	608	-512	625	-1,080	374	-457	---	---	---	---	---	---
6	998	46	952	-368	451	-407	---	---	---	---	---	---
7	1,760	-76	872	-144	464	-375	---	---	---	---	---	---
8	2,130	1,170	487	-220	565	-210	---	---	---	---	---	---
9	2,160	1,380	602	-466	450	-386	---	---	---	---	---	---
10	1,680	1,070	666	-1,300	538	-263	---	---	---	---	---	---
11	1,420	791	1,380	-1,240	434	-436	---	---	---	---	---	---
12	1,030	331	1,470	-1,080	450	-513	---	---	---	---	---	---
13	1,080	-317	433	-1,240	614	-489	---	---	---	---	---	---
14	705	-1,150	1,430	-1,110	485	-176	---	---	---	---	---	---
15	676	-1,470	413	-203	488	-276	---	---	---	---	---	---
16	1,310	-1,130	779	-621	627	-391	---	---	---	---	---	---
17	1,430	99	903	-824	397	-760	---	---	---	---	---	---
18	651	-43	658	-341	974	-1,040	---	---	---	---	---	---
19	767	-352	688	-955	548	-314	---	---	---	---	---	---
20	1,090	-649	658	-1,050	747	-951	---	---	---	---	---	---
21	665	-1,090	875	-1,020	573	-853	---	---	---	---	---	---
22	1,010	-965	1,120	-586	524	-540	---	---	---	---	---	---
23	918	-455	1,300	-963	624	-516	---	---	---	---	---	---
24	915	-34	909	-905	568	-542	---	---	---	---	---	---
25	555	-13	1,310	-891	508	-411	---	---	---	---	---	---
26	771	-252	568	-43	657	-338	---	---	---	---	---	---
27	721	-439	426	-251	484	-316	---	---	---	---	---	---
28	826	128	1,140	-1,020	565	-457	---	---	---	---	---	---
29	733	-13	1,200	-358	576	-443	---	---	---	---	---	---
30	1,060	-535	497	-261	402	-607	---	---	---	---	---	---
31	---	---	703	-344	---	---	---	---	---	---	---	---

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



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

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	2.80	2.49	2.10	1.56	1.94	0.65	1.71	0.10	2.24	0.29	1.00	-0.49
2	2.49	1.90	3.31	1.98	2.00	0.57	1.06	-0.69	1.57	0.69	2.10	0.74
3	2.39	1.60	3.09	1.52	0.74	-1.04	1.60	-0.21	1.18	0.59	1.29	0.49
4	2.22	1.28	2.42	1.94	0.38	-0.30	1.47	0.54	1.11	0.54	1.36	0.58
5	2.11	1.65	2.20	1.62	1.27	-0.03	0.81	0.45	0.81	0.27	1.37	-0.53
6	2.08	1.42	1.83	0.66	1.81	0.18	0.83	0.45	0.86	0.03	2.10	0.74
7	1.97	1.29	2.11	1.25	1.39	0.72	0.81	0.33	1.10	-0.60	2.06	0.63
8	1.87	1.14	2.15	1.51	0.98	0.63	0.84	0.37	1.72	0.23	1.73	-1.63
9	1.75	0.93	1.87	1.16	1.41	0.51	0.68	0.24	1.87	0.43	1.18	-1.56
10	2.01	0.54	1.72	0.39	0.85	0.48	1.33	0.48	0.72	-1.00	1.74	1.01
11	1.70	0.71	1.95	0.98	1.69	0.46	0.86	0.22	1.77	0.18	1.52	0.87
12	2.05	0.98	1.67	0.94	1.01	0.09	1.72	0.36	1.59	0.70	1.23	0.30
13	1.86	1.39	1.46	0.50	1.54	0.28	1.79	0.60	1.76	0.20	1.49	0.79
14	2.05	1.45	1.50	0.84	1.53	0.14	1.23	0.52	1.39	0.27	1.19	0.68
15	2.25	1.68	1.72	-0.86	2.34	1.26	1.49	0.05	1.28	0.36	1.97	0.46
16	2.01	1.40	1.36	-0.22	1.98	-1.01	1.70	0.65	2.29	0.45	2.05	0.54
17	1.85	1.30	1.48	0.89	1.38	-0.56	2.26	0.50	1.84	0.86	2.33	1.50
18	1.78	1.32	1.11	0.66	1.48	0.71	1.30	0.08	1.64	0.32	2.24	1.37
19	1.66	0.66	1.49	0.76	1.18	0.62	1.66	0.78	1.46	0.04	1.54	0.03
20	1.65	0.74	1.56	0.71	1.16	0.66	1.76	0.22	1.50	0.09	1.10	-0.36
21	1.74	1.44	1.18	0.80	1.98	1.10	2.10	1.25	2.19	-0.13	1.71	0.93
22	1.73	1.09	1.16	0.56	2.00	1.39	1.86	0.65	1.90	0.63	1.31	0.41
23	1.65	0.79	2.27	0.59	1.72	0.70	1.63	0.47	1.72	0.62	2.39	0.57
24	1.59	0.76	2.27	1.32	1.60	0.70	1.26	-0.05	2.11	1.68	2.24	1.60
25	2.27	0.57	1.97	1.03	2.21	1.13	1.58	0.77	2.05	1.32	2.23	1.13
26	2.18	1.51	1.41	0.92	2.55	0.30	1.17	0.83	1.75	0.63	1.18	-0.02
27	2.01	1.23	1.43	0.40	1.80	1.23	1.59	0.56	1.28	0.35	0.96	-0.10
28	2.85	1.68	2.19	0.89	1.79	1.20	1.58	0.95	1.02	0.29	0.56	-0.46
29	2.90	2.50	1.51	0.63	1.58	0.97	1.22	0.48	1.22	0.64	2.33	-0.21
30	2.70	2.14	1.71	0.47	2.11	1.17	1.61	-0.49	---	---	3.13	1.69
31	2.28	2.03	---	---	1.94	1.15	2.37	1.17	---	---	3.15	0.92

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

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	1.13	0.07	2.43	1.07	1.22	-0.24	1.00	-0.70	1.71	0.36	2.51	2.13
2	2.42	0.42	1.48	0.75	1.88	0.40	1.30	0.31	1.35	0.34	2.17	1.50
3	2.66	1.17	1.66	0.71	1.84	0.70	1.15	0.24	1.81	0.34	1.80	1.15
4	1.30	0.55	1.85	0.85	1.14	-0.19	1.30	-0.30	1.96	1.18	2.05	0.86
5	1.57	0.24	2.51	1.01	1.25	-0.37	1.13	-0.39	1.77	0.98	2.58	1.73
6	2.07	0.98	2.44	1.93	1.40	0.64	1.91	0.17	1.89	0.67	3.17	0.72
7	2.82	2.07	1.94	0.93	1.39	0.62	1.04	0.38	1.62	1.10	1.87	1.05
8	2.95	2.80	1.53	0.81	1.19	0.41	0.96	-0.06	2.04	-0.37	2.17	1.27
9	2.99	2.79	1.57	-0.23	1.38	0.57	1.00	-0.26	2.09	1.36	1.58	0.80
10	2.82	2.49	2.52	0.92	1.06	0.42	1.73	-0.29	1.59	0.91	2.15	0.99
11	2.49	1.79	2.67	1.81	1.87	-0.05	1.91	0.52	1.70	0.32	1.98	1.43
12	1.80	1.06	1.90	-1.46	1.90	0.78	2.02	1.11	1.68	1.23	2.03	1.15
13	2.17	1.11	2.96	1.46	1.85	0.83	1.91	0.74	---	---	1.49	0.89
14	2.52	1.21	3.00	1.47	1.28	0.51	1.57	0.64	---	---	1.47	0.68
15	3.33	2.37	1.68	1.29	1.25	0.40	2.09	0.60	1.96	1.03	1.72	0.65
16	3.35	2.52	1.90	0.58	1.33	0.01	2.26	1.28	1.59	1.04	2.37	1.51
17	2.97	1.70	2.14	0.55	1.37	-0.07	2.27	1.31	1.94	1.12	2.37	2.17
18	1.70	1.12	1.29	-0.47	2.17	0.73	1.73	0.98	1.97	1.06	2.55	1.77
19	1.86	1.04	1.59	-0.16	1.85	0.66	1.76	1.02	1.84	1.11	3.11	2.37
20	2.19	1.19	2.03	-0.10	1.57	0.43	1.89	1.24	2.00	1.05	2.93	2.42
21	2.50	1.24	2.16	1.29	1.56	0.38	1.50	0.67	2.33	1.55	2.63	2.26
22	2.92	2.11	2.13	1.18	1.70	0.34	1.44	0.72	2.14	1.67	2.55	2.06
23	2.61	2.34	2.43	1.44	1.33	0.52	1.40	0.32	1.97	1.46	3.21	2.41
24	2.44	1.79	2.11	1.33	1.56	0.43	1.40	0.23	1.88	1.01	3.71	2.95
25	1.82	1.31	2.33	1.25	1.31	0.58	1.96	0.94	1.56	0.76	4.17	3.50
26	1.66	0.78	1.63	0.51	1.12	-0.41	1.75	1.09	1.81	0.78	3.66	2.70
27	1.90	0.61	1.08	0.31	0.99	-0.42	1.38	0.20	2.01	1.39	2.84	2.25
28	1.80	0.65	2.36	0.20	0.97	-0.26	1.37	0.38	1.82	1.14	2.25	1.98
29	1.75	0.90	2.04	1.23	0.65	-0.75	1.32	0.27	1.81	1.01	2.42	1.93
30	2.20	1.21	1.56	0.71	0.79	-1.05	1.15	0.24	1.96	1.16	2.46	2.01
31	---	---	1.32	-0.24	---	---	1.50	0.08	2.55	1.17	---	---

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

