

02113000 FISHER RIVER NEAR COPELAND, NC

LOCATION.--Lat 36°21'26", long 80°41'09", Surry County, Hydrologic Unit 03040101, on left bank 500 ft upstream from bridge on State Highway 268, 1 mi upstream from Cody Creek, and 2 mi northwest of Copeland.

DRAINAGE AREA.--128 mi<sup>2</sup>.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1931 to current year.

REVISED RECORDS.--WSP 1303: 1933(M). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 913 ft above NGVD of 1929, by barometer. Prior to Sept. 5, 1936, twice daily readings at same site and datum. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Some irrigation diversions at times in the growing season. Maximum discharge for period of record, from rating curve extended above 7,500 ft<sup>3</sup>/s on basis of slope-area measurement of peak flow; gage height: 18.4 ft. Minimum discharge for period of record also occurred Sept. 13, 14, 2002.

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	166	148	203	178	143	155	165	159	113	e135	111	67
2	160	147	188	177	140	156	146	166	92	136	340	64
3	155	145	181	177	482	155	141	154	86	141	194	64
4	157	143	192	177	287	154	138	139	181	160	133	63
5	157	154	359	182	208	152	130	134	180	152	116	62
6	152	384	283	189	974	169	127	129	117	117	112	59
7	149	309	231	172	719	160	130	125	107	106	96	71
8	149	202	210	170	317	153	130	120	222	99	90	4,230
9	157	176	199	175	251	148	130	152	333	93	86	866
10	175	166	654	174	230	149	125	159	159	92	82	347
11	157	161	820	166	214	144	127	124	150	208	85	242
12	152	159	335	166	208	144	215	115	126	184	103	198
13	148	155	277	160	202	142	778	114	139	135	122	173
14	150	144	342	154	193	141	469	113	138	106	96	166
15	186	149	365	154	191	142	263	111	128	93	91	162
16	150	156	313	148	192	201	212	173	820	86	88	148
17	146	154	387	148	180	184	193	173	403	88	89	651
18	146	149	313	173	180	159	181	167	198	358	137	640
19	144	1,360	269	164	178	153	171	129	157	319	100	284
20	142	598	244	153	175	146	164	126	148	144	86	216
21	140	318	226	144	178	148	159	116	135	114	79	188
22	140	255	218	144	169	141	153	111	232	102	78	171
23	134	227	214	142	165	137	149	158	155	106	74	158
24	135	216	220	142	165	138	155	155	137	94	79	149
25	136	228	210	e144	162	136	145	114	173	89	80	142
26	139	199	201	e143	158	136	183	113	836	137	74	137
27	346	190	198	e141	166	137	213	131	210	230	72	136
28	205	246	192	e139	163	138	156	106	173	258	69	2,530
29	173	284	178	e138	157	134	145	103	e151	133	74	592
30	157	219	186	e150	---	139	142	98	e140	137	75	329
31	152	---	176	150	---	180	---	122	---	124	70	---
TOTAL	4,955	7,541	8,584	4,934	7,147	4,671	5,735	4,109	6,339	4,476	3,181	13,305
MEAN	160	251	277	159	246	151	191	133	211	144	103	444
MAX	346	1,360	820	189	974	201	778	173	836	358	340	4,230
MIN	134	143	176	138	140	134	125	98	86	86	69	59
CFSM	1.25	1.96	2.16	1.24	1.93	1.18	1.49	1.04	1.65	1.13	0.80	3.46
IN.	1.44	2.19	2.49	1.43	2.08	1.36	1.67	1.19	1.84	1.30	0.92	3.87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2004, BY WATER YEAR (WY)

MEAN	144	149	168	199	215	246	243	194	177	148	152	144
MAX	580	344	365	526	539	667	746	387	491	397	510	735
(WY)	(1938)	(1935)	(1974)	(1936)	(1960)	(1993)	(1983)	(1950)	(1947)	(1943)	(1940)	(1979)
MIN	40.2	48.1	58.1	54.4	68.8	103	102	61.7	29.7	31.3	24.1	27.9
(WY)	(1942)	(2002)	(1956)	(1956)	(1934)	(1981)	(2002)	(2002)	(2002)	(1986)	(2002)	(1954)

02113000 FISHER RIVER NEAR COPELAND, NC—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1932 - 2004	
ANNUAL TOTAL	109,017		74,977		181	
ANNUAL MEAN	299		205		281	
HIGHEST ANNUAL MEAN					281	1979
LOWEST ANNUAL MEAN					73.6	2002
HIGHEST DAILY MEAN	2,590	Apr 10	4,230	Sep 8	12,100	Sep 22, 1979
LOWEST DAILY MEAN	100	Jan 27	59	Sep 6	11	Sep 12, 2002
ANNUAL SEVEN-DAY MINIMUM	102	Jan 23	64	Aug 31	14	Sep 8, 2002
MAXIMUM PEAK FLOW			7,160	Sep 8	34,200*	Sep 22, 1979
MAXIMUM PEAK STAGE			11.38	Sep 8	19.61	Sep 22, 1979
INSTANTANEOUS LOW FLOW			57	Sep 6	10*	Sep 12, 2002
ANNUAL RUNOFF (CFSM)	2.33		1.60		1.42	
ANNUAL RUNOFF (INCHES)	31.68		21.79		19.25	
10 PERCENT EXCEEDS	502		294		290	
50 PERCENT EXCEEDS	222		154		135	
90 PERCENT EXCEEDS	136		96		65	

\* See REMARKS.

e Estimated.

