

PEE DEE RIVER BASIN

02113000 FISHER RIVER NEAR COPELAND, NC

LOCATION.--Lat 36°21'26", long 80°41'10", 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 mi².

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 sea level, 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 6,200 ft³/s on basis of slope-area measurement of peak flow; gage height: 18.4 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	42	56	e47	77	98	209	65	77	59	102	53
2	53	42	55	e47	74	96	190	64	86	56	87	59
3	50	43	55	e46	71	96	172	62	75	55	77	51
4	48	44	53	e46	71	124	165	61	67	58	71	65
5	47	50	57	e46	70	122	145	61	67	97	67	59
6	46	50	52	e45	68	98	135	70	78	54	61	49
7	44	47	51	e45	67	89	130	59	106	46	55	45
8	43	47	52	e45	66	85	123	54	75	235	51	44
9	41	65	52	e44	66	83	115	55	71	184	47	44
10	41	175	55	e44	68	80	109	54	61	85	43	46
11	42	80	56	e44	66	79	113	50	57	66	90	61
12	41	62	53	e43	65	79	105	48	53	55	114	45
13	41	57	51	e43	66	99	110	47	50	50	147	39
14	41	54	57	e42	70	89	108	44	53	47	129	37
15	43	53	64	e42	75	98	99	42	53	43	73	37
16	42	52	69	e42	79	139	96	92	71	40	61	37
17	39	52	253	e42	131	113	91	146	50	37	55	34
18	40	51	142	65	107	100	89	100	43	37	59	32
19	40	52	102	201	89	92	85	79	39	38	106	32
20	40	54	e66	342	82	90	84	84	38	47	314	38
21	41	51	e60	182	79	127	85	132	36	62	101	42
22	48	49	e56	128	78	148	84	271	97	45	72	37
23	45	50	e54	108	79	118	80	193	203	38	63	35
24	42	51	e52	97	81	106	77	124	80	35	60	168
25	45	58	e50	89	112	100	76	141	64	49	54	117
26	50	109	e49	82	144	95	73	155	139	89	51	58
27	46	80	e49	80	107	91	71	112	311	95	53	47
28	45	65	e48	78	97	89	71	97	104	115	53	43
29	45	60	e48	75	---	277	67	91	76	196	47	40
30	44	58	e48	84	---	966	66	79	63	283	49	40
31	41	---	e47	87	---	265	---	72	---	139	50	---
TOTAL	1369	1803	2012	2451	2305	4331	3223	2804	2443	2535	2462	1534
MEAN	44.2	60.1	64.9	79.1	82.3	140	107	90.5	81.4	81.8	79.4	51.1
MAX	55	175	253	342	144	966	209	271	311	283	314	168
MIN	39	42	47	42	65	79	66	42	36	35	43	32
CFSM	.35	.47	.51	.62	.64	1.09	.84	.71	.64	.64	.62	.40
IN.	.40	.52	.58	.71	.67	1.26	.94	.81	.71	.74	.72	.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2001, BY WATER YEAR (WY)

	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
MEAN	146	148	167	201	215	248	243	196	174	146	150	140	140	140	140	140	140	140	140	140	140	140	140	140
MAX	580	344	365	526	539	667	746	387	491	397	510	735	735	735	735	735	735	735	735	735	735	735	735	735
(WY)	1938	1935	1974	1936	1960	1993	1983	1950	1947	1943	1940	1979	1979	1979	1979	1979	1979	1979	1979	1979	1979	1979	1979	1979
MIN	40.2	53.7	58.1	54.4	68.8	103	103	77.6	47.5	31.3	24.6	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
(WY)	1942	1932	1956	1956	1934	1981	1981	1941	1956	1986	1981	1954	1954	1954	1954	1954	1954	1954	1954	1954	1954	1954	1954	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1932 - 2001
ANNUAL TOTAL	35153	29272	
ANNUAL MEAN	96.0	80.2	181
HIGHEST ANNUAL MEAN			281
LOWEST ANNUAL MEAN			80.2
HIGHEST DAILY MEAN	717	Mar 21	12100
LOWEST DAILY MEAN	39	Aug 23	13
ANNUAL SEVEN-DAY MINIMUM	41	Oct 14	15
MAXIMUM PEAK FLOW			2460
MAXIMUM PEAK STAGE		6.31	Mar 30
INSTANTANEOUS LOW FLOW		29	Sep 19
ANNUAL RUNOFF (CFSM)	.75	.63	1.42
ANNUAL RUNOFF (INCHES)	10.22	8.51	19.23
10 PERCENT EXCEEDS	159	130	288
50 PERCENT EXCEEDS	77	62	135
90 PERCENT EXCEEDS	45	42	66

e Estimated.

* See REMARKS.

02113000 FISHER RIVER NEAR COPELAND, NC--Continued

