

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 NGVD of 1929, by barometer. Prior to Sept. 5, 1936, twice daily readings at same site and datum. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. 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. Minimum discharge for period of record and current water year also occurred Sept. 13, 14, 2002.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	42	61	59	100	63	192	64	45	28	38	36
2	35	43	54	72	88	82	154	69	43	21	35	31
3	34	44	48	65	83	242	136	85	40	19	35	28
4	34	46	44	66	80	132	120	75	37	24	33	25
5	33	44	44	80	71	110	112	78	36	27	29	25
6	33	42	43	90	72	94	107	69	35	19	26	22
7	33	42	43	91	151	87	102	64	42	19	23	19
8	33	40	45	71	172	83	104	69	39	17	20	17
9	32	40	47	65	122	81	102	64	35	13	19	17
10	34	40	54	62	112	80	131	65	33	13	18	15
11	35	42	324	61	112	74	106	61	29	95	18	14
12	36	41	144	60	97	76	97	60	26	53	17	11
13	37	41	116	59	91	106	99	59	26	34	15	11
14	53	40	125	56	87	102	105	96	30	36	14	12
15	168	47	94	55	83	87	110	64	34	40	14	40
16	62	57	80	54	88	85	106	57	27	42	17	107
17	48	56	78	54	81	386	99	54	25	31	27	53
18	45	56	150	55	75	570	109	80	23	26	32	47
19	44	55	105	86	81	276	101	70	21	24	34	613
20	44	54	85	173	80	194	94	56	23	22	21	91
21	46	53	75	106	76	162	90	54	20	23	21	58
22	45	49	71	88	72	147	84	53	17	21	17	52
23	42	46	71	196	70	138	77	52	17	17	18	57
24	42	54	104	227	69	118	74	50	18	18	17	49
25	43	67	84	278	67	108	82	48	16	71	16	41
26	40	74	73	170	69	114	78	47	17	900	20	156
27	41	51	67	136	67	208	71	45	29	183	22	525
28	43	46	65	116	64	129	73	67	42	92	25	257
29	43	45	64	115	---	115	72	49	36	64	26	134
30	43	47	63	110	---	110	65	45	30	50	33	97
31	43	---	60	103	---	201	---	45	---	42	47	---
TOTAL	1382	1444	2581	3079	2480	4560	3052	1914	891	2084	747	2660
MEAN	44.58	48.13	83.26	99.32	88.57	147.1	101.7	61.74	29.70	67.23	24.10	88.67
MAX	168	74	324	278	172	570	192	96	45	900	47	613
MIN	32	40	43	54	64	63	65	45	16	13	14	11
CFSM	0.35	0.38	0.65	0.78	0.69	1.15	0.79	0.48	0.23	0.53	0.19	0.69
IN.	0.40	0.42	0.75	0.89	0.72	1.33	0.89	0.56	0.26	0.61	0.22	0.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2002, 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	144.6	147.1	165.9	200.0	213.5	246.9	240.7	194.2	172.4	145.2	148.7	138.9												
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												

SUMMARY STATISTICS

FOR 2001 CALENDAR YEAR

FOR 2002 WATER YEAR

WATER YEARS 1932 - 2002

ANNUAL TOTAL	29495	26874		
ANNUAL MEAN	80.81	73.63	179.6	
HIGHEST ANNUAL MEAN			281	1979
LOWEST ANNUAL MEAN			73.6	2002
HIGHEST DAILY MEAN	966	Mar 30	900	Jul 26
LOWEST DAILY MEAN	32	Sep 18	11	Sep 12
ANNUAL SEVEN-DAY MINIMUM	33	Oct 3	14	Sep 8
MAXIMUM PEAK FLOW			3480	Jul 26
MAXIMUM PEAK STAGE			7.50	Jul 26
INSTANTANEOUS LOW FLOW			10*	Sep 12
ANNUAL RUNOFF (CFSM)	0.63		0.58	1.40
ANNUAL RUNOFF (INCHES)	8.57		7.81	19.07
10 PERCENT EXCEEDS	131		123	286
50 PERCENT EXCEEDS	65		55	134
90 PERCENT EXCEEDS	40		21	65

* See REMARKS.

02113000 FISHER RIVER NEAR COPELAND, NC--Continued

