02099000 EAST FORK DEEP RIVER NEAR HIGH POINT, NC

LOCATION.--Lat 36°02'15", long 79°56'46", Guilford County, Hydrologic Unit 03030003, on right bank 5 ft upstream from bridge on Secondary Road 1541, 3.3 mi upstream from High Point Dam, and 5.2 mi northeast of High Point College, High Point.

DRAINAGE AREA.--14.8 mi^2.

PERIOD OF RECORD.--July 1928 to March 1994, October 1997 to current year.

REVISED RECORDS.--WSP 1723: 1929(M). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 764.02 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records good below 100 ft^3/s and poor above including those for estimated daily discharges. Maximum discharge, 6,300 ft^3/s, gage height, 10.87 ft, from floodmark, from rating curve extended above 1,600 ft^3/s on basis of contracted-opening measurement of peak flow. Minimum discharge for period of record and current water year also occurred on Aug. 8, 2002.

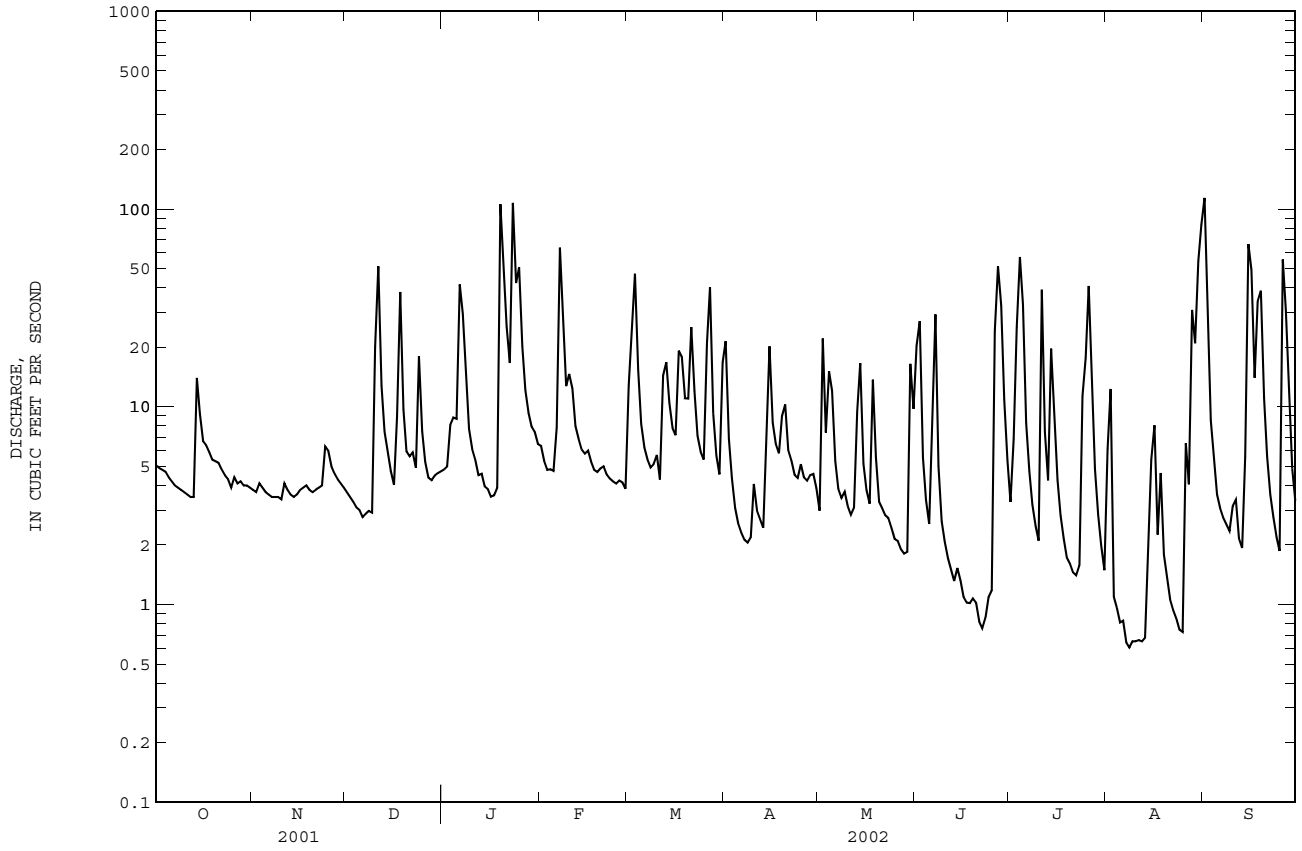
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.1	e3.8	e3.7	4.8	6.3	13	22	3.0	20	3.3	6.1	114
2	e4.9	e3.7	e3.5	5.0	5.3	26	6.9	22	27	6.9	12	26
3	e4.8	e4.1	e3.3	e8.1	4.8	47	4.4	7.4	5.5	25	1.1	8.5
4	e4.7	e3.9	e3.1	8.8	4.8	15	3.1	15	3.4	57	0.96	5.4
5	e4.4	e3.7	e3.0	8.7	4.7	8.2	2.6	12	2.6	33	0.81	3.6
6	e4.2	e3.6	2.8	42	7.9	6.2	2.3	5.3	7.7	8.3	0.83	3.1
7	e4.0	e3.5	2.9	30	64	5.4	2.1	3.8	29	4.7	0.64	2.8
8	e3.9	e3.5	3.0	14	28	4.9	2.1	3.5	5.0	3.2	0.61	2.5
9	e3.8	e3.5	2.9	7.7	13	5.1	2.2	3.7	2.6	2.5	0.65	2.4
10	e3.7	e3.4	20	6.1	15	5.7	4.1	3.1	2.1	2.1	0.65	3.1
11	e3.6	e4.1	51	5.4	12	4.3	3.0	2.8	1.7	39	0.66	3.4
12	e3.5	e3.8	13	4.5	8.0	14	2.7	3.1	1.5	7.5	0.65	2.2
13	e3.5	e3.6	7.5	4.6	6.9	17	2.4	9.5	1.3	4.2	0.68	1.9
14	e14	e3.5	6.0	4.0	6.1	10	8.6	17	1.5	20	1.5	5.6
15	e9.2	e3.6	4.7	3.8	5.8	7.8	20	5.2	1.3	9.5	5.4	67
16	e6.7	e3.8	4.0	3.5	6.0	7.2	8.3	3.8	1.1	4.3	8.1	49
17	e6.4	e3.9	8.9	3.6	5.3	19	6.5	3.2	1.0	2.8	2.3	14
18	e5.9	e4.0	38	3.9	4.8	18	5.8	14	1.0	2.1	4.6	34
19	e5.4	e3.8	9.7	106	4.7	11	9.0	5.6	1.1	1.7	1.8	39
20	e5.3	e3.7	6.0	59	4.9	11	10	3.3	1.0	1.6	1.4	11
21	e5.2	e3.8	5.6	25	5.0	25	6.0	3.1	0.82	1.5	1.1	5.6
22	e4.8	e3.9	5.9	17	4.5	12	5.4	2.8	0.76	1.4	0.94	3.6
23	e4.5	e4.0	4.9	107	4.3	7.1	4.5	2.7	0.86	1.6	0.85	2.8
24	e4.3	e6.3	18	42	4.2	5.9	4.4	2.4	1.1	11	0.75	2.2
25	e3.9	e6.0	7.5	51	4.1	5.4	5.1	2.1	1.2	18	0.73	1.9
26	e4.4	e5.0	5.3	20	4.2	21	4.4	2.1	24	41	6.5	56
27	e4.1	e4.6	4.4	12	4.1	40	4.2	1.9	51	18	4.1	31
28	e4.2	e4.3	4.3	9.3	3.8	9.3	4.5	1.8	33	4.9	31	10
29	e4.0	e4.1	4.5	7.9	---	5.6	4.6	1.8	11	2.8	21	4.9
30	e4.0	e3.9	4.6	7.5	---	4.6	3.9	17	5.4	2.0	55	3.4
31	e3.9	---	4.7	6.5	---	17	---	9.8	---	1.5	83	---
TOTAL	154.3	120.4	266.7	638.7	252.5	408.7	175.1	193.8	246.54	342.4	256.41	519.9
MEAN	4.977	4.013	8.603	20.60	9.018	13.18	5.837	6.252	8.218	11.05	8.271	17.33
MAX	14	6.3	51	107	64	47	22	22	51	57	83	114
MIN	3.5	3.4	2.8	3.5	3.8	4.3	2.1	1.8	0.76	1.4	0.61	1.9
CFSM	0.34	0.27	0.58	1.39	0.61	0.89	0.39	0.42	0.56	0.75	0.56	1.17
IN.	0.39	0.30	0.67	1.61	0.63	1.03	0.44	0.49	0.62	0.86	0.64	1.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2002, BY WATER YEAR (WY)

MEAN	11.74	11.53	16.11	24.50	27.46	26.56	20.86	15.42	12.31	12.61	12.42	14.45
MAX	79.5	39.2	48.6	82.9	83.0	106	71.6	58.8	61.5	97.5	55.9	124
(WY)	1960	1980	1933	1978	1979	1975	1987	1978	1969	1975	1949	2000
MIN	1.88	2.35	3.53	4.32	6.48	6.76	5.52	4.57	3.41	2.93	2.87	1.74
(WY)	1942	1942	1942	1942	1931	1967	1942	1941	1986	1977	1941	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1929 - 2002	
ANNUAL TOTAL	6006.5		3575.45			
ANNUAL MEAN	16.46		9.796		17.11	
HIGHEST ANNUAL MEAN					34.1	1978
LOWEST ANNUAL MEAN					7.28	1967
HIGHEST DAILY MEAN	452	Mar 29	114	Sep 1	1670	Sep 24 1947
LOWEST DAILY MEAN	2.7	Aug 10	0.61	Aug 8	0.61	Aug 8 2002
ANNUAL SEVEN-DAY MINIMUM	3.0	Dec 3	0.65	Aug 7	0.65	Aug 7 2002
MAXIMUM PEAK FLOW			299	Jan 23	6300*	Sep 24 1947
MAXIMUM PEAK STAGE			5.38	Jan 23	11.46	Sep 15 2000
INSTANTANEOUS LOW FLOW			0.41*	Aug 7	0.41*	Aug 7 2002
ANNUAL RUNOFF (CFSM)	1.11		0.66		1.16	
ANNUAL RUNOFF (INCHES)	15.10		8.99		15.70	
10 PERCENT EXCEEDS	25		24		26	
50 PERCENT EXCEEDS	6.9		4.6		7.1	
90 PERCENT EXCEEDS	3.8		1.6		3.6	

e Estimated.
* See REMARKS.

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