

02099000 EAST FORK DEEP RIVER NEAR HIGH POINT, NC

LOCATION.--Lat 36°02'15", long 79°56'45", Guilford County, Hydrologic Unit 03030003, on right bank on downstream side of culvert 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 mi².

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 fair except those for estimated daily discharges, which are poor. Maximum discharge, 6,300 ft³/s, gage height, 10.87 ft, from floodmark, from rating curve extended above 1,600 ft³/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. Minimum discharge for current water year also occurred Oct. 9.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	17	9.7	100	14	54	21	29	14	8.5	40	14
2	2.4	13	10	29	11	90	17	19	9.3	76	15	10
3	2.2	11	10	57	9.2	28	16	15	87	27	128	9.9
4	2.1	12	11	25	33	19	15	13	81	13	278	130
5	2.1	38	83	15	16	18	22	22	29	11	33	27
6	1.8	79	46	12	11	110	17	38	15	21	27	13
7	1.7	23	31	10	55	29	264	20	466	29	16	9.4
8	1.6	15	24	9.8	25	18	49	15	85	11	32	8.5
9	1.6	13	23	9.4	13	15	227	13	63	9.1	78	8.4
10	1.7	12	19	8.7	12	13	796	12	23	9.0	73	7.7
11	262	26	143	8.1	10	12	85	12	19	7.4	148	7.6
12	36	206	38	7.6	9.0	12	39	11	16	7.0	72	7.5
13	162	42	186	7.5	8.3	17	28	10	14	9.7	23	7.6
14	46	22	47	7.6	8.5	28	21	9.9	13	19	22	7.8
15	26	17	21	7.4	11	15	19	66	12	9.3	25	7.2
16	208	189	15	7.2	11	92	18	28	18	8.5	14	6.6
17	36	147	12	8.0	e9.3	29	17	15	19	7.8	134	6.2
18	18	38	11	7.2	26	30	25	39	15	6.8	71	162
19	14	23	10	6.9	24	21	44	41	15	6.8	22	70
20	12	17	46	7.1	15	e896	22	19	16	6.9	17	17
21	13	15	17	7.1	12	64	18	23	12	6.0	15	11
22	18	14	12	7.0	e484	35	18	230	11	31	13	52
23	12	12	9.9	e7.3	64	25	15	64	10	24	12	e806
24	11	11	132	e7.2	30	20	14	23	9.7	12	11	43
25	13	11	101	6.9	22	18	15	27	9.4	7.7	10	22
26	20	10	25	7.7	24	18	29	188	9.2	6.9	10	16
27	13	9.8	15	e7.4	123	17	21	24	9.0	5.9	9.2	15
28	48	9.4	12	e12	76	16	15	16	9.8	5.5	8.7	28
29	82	9.5	11	16	---	17	13	17	9.1	108	8.9	12
30	61	9.7	9.5	51	---	122	15	15	8.6	138	17	9.1
31	25	---	9.3	24	---	34	---	16	---	26	18	---
TOTAL	1,156.0	1,071.4	1,149.4	504.1	1,166.3	1,932	1,935	1,089.9	1,127.1	674.8	1,400.8	1,551.5
MEAN	37.3	35.7	37.1	16.3	41.7	62.3	64.5	35.2	37.6	21.8	45.2	51.7
MAX	262	206	186	100	484	896	796	230	466	138	278	806
MIN	1.6	9.4	9.3	6.9	8.3	12	13	9.9	8.6	5.5	8.7	6.2
CFSM	2.52	2.41	2.51	1.10	2.81	4.21	4.36	2.38	2.54	1.47	3.05	3.49
IN.	2.91	2.69	2.89	1.27	2.93	4.86	4.86	2.74	2.83	1.70	3.52	3.90

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2003, BY WATER YEAR (WY)

MEAN	12.1	11.9	16.4	24.4	27.7	27.1	21.5	15.7	12.7	12.9	15.0
MAX	79.5	39.2	48.6	82.9	83.0	106	71.6	58.8	61.5	97.5	124
(WY)	(1960)	(1980)	(1933)	(1978)	(1979)	(1975)	(1987)	(1978)	(1969)	(1975)	(1949)
MIN	1.88	2.35	3.53	4.32	6.48	6.76	5.52	4.57	3.41	2.93	2.87
(WY)	(1942)	(1942)	(1942)	(1942)	(1931)	(1967)	(1942)	(1941)	(1986)	(1977)	(1941)

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1929 - 2003	
ANNUAL TOTAL	6,410.85		14,758.3		17.4	
ANNUAL MEAN	17.6		40.4		40.4	
HIGHEST ANNUAL MEAN					7.28	
LOWEST ANNUAL MEAN					1967	
HIGHEST DAILY MEAN	262	Oct 11	896	Mar 20	1,670	Sep 24, 1947
LOWEST DAILY MEAN	0.61	Aug 8	1.6	Oct 8	0.61	Aug 8, 2002
ANNUAL SEVEN-DAY MINIMUM	0.65	Aug 7	1.8	Oct 4	0.65	Aug 7, 2002
MAXIMUM PEAK FLOW			NOT DETERMINED		6,300*	Sep 24, 1947
MAXIMUM PEAK STAGE			13.46		13.46	Sep 23, 2003
INSTANTANEOUS LOW FLOW			1.4*		0.41*	Aug 7, 2002
ANNUAL RUNOFF (CFSM)	1.19		2.73		1.18	
ANNUAL RUNOFF (INCHES)	16.11		37.10		16.01	
10 PERCENT EXCEEDS	41		84		26	
50 PERCENT EXCEEDS	6.9		16		7.1	
90 PERCENT EXCEEDS	1.6		7.6		3.6	

e Estimated.
 * See REMARKS.

