

02099000 EAST FORK DEEP RIVER NEAR HIGH POINT, NC

LOCATION.--Lat 36°02'14", long 79°56'44", 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 mi<sup>2</sup>.

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 ft<sup>3</sup>/s, gage height, 10.87 ft, from floodmark, from rating curve extended above 1,600 ft<sup>3</sup>/s on basis of contracted-opening measurement of peak flow. Minimum discharge for period of record also occurred on Aug. 8, 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	9.0	7.6	7.8	7.1	8.3	23	11	4.4	3.0	3.2	6.7	5.2
2	8.1	6.5	7.0	7.0	6.7	17	6.0	9.9	2.4	2.9	8.8	4.2
3	7.5	7.1	9.5	6.9	7.5	15	5.3	34	2.4	3.2	23	3.2
4	7.5	5.9	12	7.1	28	11	4.6	10	42	9.0	15	1.9
5	7.4	6.2	36	9.3	15	11	4.3	6.6	19	11	8.6	2.0
6	7.1	14	16	10	85	27	4.4	6.3	7.1	4.0	6.8	4.3
7	6.5	16	10	6.5	65	18	4.6	5.9	4.9	2.8	5.6	16
8	6.7	9.1	8.0	6.2	25	9.9	5.1	5.3	4.6	10	5.5	461
9	17	7.5	8.7	10	15	8.1	4.5	4.8	5.0	17	5.8	59
10	18	6.6	79	9.7	13	8.9	4.3	5.2	3.6	8.4	6.0	23
11	17	6.3	58	e7.3	11	7.2	4.6	4.0	3.3	22	5.5	16
12	10	6.3	22	7.4	21	6.5	125	6.8	3.0	5.1	11	10
13	8.2	5.5	15	7.5	17	6.2	112	11	3.2	3.5	25	7.6
14	8.0	5.1	102	6.5	11	5.4	42	7.3	3.9	5.1	72	5.4
15	11	5.4	57	6.4	15	8.9	19	3.7	4.7	2.5	24	5.1
16	7.3	6.1	38	5.8	32	42	13	3.1	11	1.8	12	4.6
17	7.0	6.4	64	5.6	20	27	11	3.0	4.4	142	8.2	119
18	6.9	6.3	35	11	16	17	8.2	3.1	3.3	511	9.0	57
19	6.7	68	20	8.1	17	14	7.1	5.4	3.7	40	6.6	18
20	6.5	31	15	6.0	12	9.7	6.2	8.6	4.4	22	5.2	11
21	7.0	13	12	5.6	11	8.5	5.7	3.8	2.7	12	4.5	11
22	7.1	9.5	12	5.6	9.0	6.8	5.1	20	2.8	7.9	4.7	8.5
23	6.9	8.2	11	5.3	7.9	5.9	4.8	9.6	2.7	6.9	4.4	7.6
24	7.0	8.9	12	5.3	7.9	5.6	4.7	12	4.5	5.4	4.1	4.9
25	7.0	8.9	9.4	e6.0	7.4	5.7	4.5	4.7	2.9	4.5	3.8	4.3
26	8.4	7.3	8.1	e6.5	7.9	5.8	12	3.6	28	4.9	3.4	4.2
27	17	7.2	7.8	e7.0	19	5.9	14	5.7	17	48	3.4	100
28	14	17	7.6	9.5	29	6.8	5.4	3.3	9.5	63	3.6	662
29	39	21	7.6	14	36	4.9	4.6	2.8	5.6	33	4.1	47
30	12	9.1	12	20	---	6.2	4.2	9.3	3.5	26	6.1	23
31	8.0	---	8.4	17	---	8.9	---	4.4	---	9.7	10	---
TOTAL	316.8	343.0	727.9	253.2	643.1	363.8	467.2	227.6	218.1	1,047.8	322.4	1,706.0
MEAN	10.2	11.4	23.5	8.17	22.2	11.7	15.6	7.34	7.27	33.8	10.4	56.9
MAX	39	68	102	20	85	42	125	34	42	511	72	662
MIN	6.5	5.1	7.0	5.3	6.7	4.9	4.2	2.8	2.4	1.8	3.4	1.9
CFSM	0.69	0.77	1.59	0.55	1.50	0.79	1.05	0.50	0.49	2.28	0.70	3.84
IN.	0.80	0.86	1.83	0.64	1.62	0.91	1.17	0.57	0.55	2.63	0.81	4.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2004,® BY WATER YEAR (WY)

MEAN	12.1	11.9	16.5	24.2	27.6	26.8	21.4	15.6	12.6	13.0	12.8	15.6
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)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1929 - 2004 <sup>@</sup>	
ANNUAL TOTAL	12,769.2		6,636.9		17.4	
ANNUAL MEAN	35.0		18.1		7.28	
HIGHEST ANNUAL MEAN					40.4	2003
LOWEST ANNUAL MEAN					7.28	1967
HIGHEST DAILY MEAN	896	Mar 20	662	Sep 28	1,670	Sep 24, 1947
LOWEST DAILY MEAN	5.1	Nov 14	1.8	Jul 16	0.61	Aug 8, 2002
ANNUAL SEVEN-DAY MINIMUM	5.9	Nov 11	3.4	Jun 19	0.65	Aug 7, 2002
MAXIMUM PEAK FLOW			2,230	Jul 18	6300*	Sep 24, 1947
MAXIMUM PEAK STAGE			13.21	Jul 18	13.46	Sep 23, 2003
INSTANTANEOUS LOW FLOW			1.5	Jul 17	0.41*	Aug 7, 2002
ANNUAL RUNOFF (CFSM)	2.36		1.23		1.18	
ANNUAL RUNOFF (INCHES)	32.10		16.68		16.01	
10 PERCENT EXCEEDS	69		30		26	
50 PERCENT EXCEEDS	15		7.6		7.1	
90 PERCENT EXCEEDS	7.1		3.9		3.6	

<sup>@</sup> See PERIOD OF RECORD.

\* See REMARKS.

e Estimated.

