

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 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 good 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 also occurred on Aug. 8, 2002. Minimum discharge for current water year also occurred Sept. 20.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	5.2	21	6.8	13	36	14	40	4.0	5.3	18	2.0
2	21	5.5	14	6.9	9.6	18	33	13	43	5.2	9.6	2.1
3	22	6.2	9.2	6.9	66	13	18	9.3	83	11	7.4	1.8
4	9.7	55	6.1	6.7	32	11	13	7.7	26	22	6.4	1.6
5	7.6	19	5.4	7.3	17	9.6	12	7.1	15	13	6.0	1.5
6	7.1	7.2	5.4	7.4	13	8.7	8.4	23	9.9	7.7	5.7	1.5
7	9.1	5.5	16	7.6	11	7.7	24	11	10	39	5.7	1.4
8	8.6	4.7	7.7	7.4	9.3	32	34	8.8	54	35	6.2	1.4
9	7.1	4.4	35	6.9	8.5	17	35	7.3	42	12	29	1.3
10	5.7	4.4	412	7.0	17	11	15	6.2	29	7.0	14	1.1
11	6.1	4.4	61	7.4	12	9.4	12	5.1	15	5.8	7.1	1.1
12	5.6	162	32	7.5	9.0	8.8	13	5.2	10	5.7	6.0	1.1
13	7.6	48	24	7.6	7.7	7.5	14	6.0	10	9.4	5.1	1.1
14	5.9	18	18	146	14	9.9	24	5.5	8.2	68	4.7	1.1
15	5.5	11	12	25	15	8.2	12	6.0	6.5	31	4.2	1.2
16	5.2	8.8	11	18	13	31	9.2	6.6	5.8	12	4.5	1.1
17	5.2	7.5	10	13	8.0	68	7.6	6.0	5.1	7.7	8.2	0.96
18	5.4	5.4	9.8	e11	7.2	27	7.5	5.0	4.7	6.0	8.6	0.99
19	7.5	7.5	8.8	e9.3	6.8	16	5.7	5.0	4.6	5.9	7.7	0.85
20	8.2	5.3	e8.7	8.9	6.8	12	5.9	8.4	4.7	20	14	1.3
21	5.9	4.4	e8.6	9.0	8.7	12	5.7	12	4.4	9.2	17	11
22	6.3	4.1	8.5	8.4	8.2	12	5.7	7.5	4.3	7.9	5.4	2.5
23	5.6	39	35	8.1	7.5	46	9.3	13	4.3	5.4	4.4	1.8
24	8.4	59	21	6.9	36	29	7.5	8.4	3.9	4.7	3.8	1.4
25	7.1	62	13	6.9	21	15	6.4	7.5	3.7	4.4	3.4	1.5
26	6.2	22	9.7	7.1	14	11	5.8	5.5	3.7	4.2	2.8	1.8
27	6.3	17	8.4	6.6	11	10	6.3	4.5	4.7	4.0	2.6	1.7
28	7.9	55	7.8	6.0	117	267	6.1	4.2	24	16	2.5	1.5
29	7.4	18	7.9	e6.4	---	49	8.5	4.1	9.9	97	2.4	1.4
30	5.7	13	8.5	e36	---	22	8.8	3.8	6.2	43	2.6	1.3
31	4.9	---	7.0	20	---	17	---	3.7	---	38	2.7	---
TOTAL	246.8	688.5	862.5	446.0	519.3	851.8	387.4	266.4	459.6	562.5	227.7	52.40
MEAN	7.96	22.9	27.8	14.4	18.5	27.5	12.9	8.59	15.3	18.1	7.35	1.75
MAX	22	162	412	146	117	267	35	40	83	97	29	11
MIN	4.9	4.1	5.4	6.0	6.8	7.5	5.7	3.7	3.7	4.0	2.4	0.85
CFSM	0.54	1.55	1.88	0.97	1.25	1.86	0.87	0.58	1.04	1.23	0.50	0.12
IN.	0.62	1.73	2.17	1.12	1.31	2.14	0.97	0.67	1.16	1.41	0.57	0.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2005,® BY WATER YEAR (WY)

MEAN	12.0	12.0	16.7	24.0	27.5	26.9	21.3	15.5	12.6	13.1	12.8	15.4
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1929 - 2005 [@]	
ANNUAL TOTAL	7,047.0		5,570.90		17.4	
ANNUAL MEAN	19.3		15.3		7.28	
HIGHEST ANNUAL MEAN					40.4	2003
LOWEST ANNUAL MEAN					7.28	1967
HIGHEST DAILY MEAN	662	Sep 28	412	Dec 10	1,670	Sep 24, 1947
LOWEST DAILY MEAN	1.8	Jul 16	0.85	Sep 19	0.61	Aug 8, 2002
ANNUAL SEVEN-DAY MINIMUM	3.4	Jun 19	1.0	Sep 13	0.65	Aug 7, 2002
MAXIMUM PEAK FLOW			1,380	Dec 10	6,300*	Sep 24, 1947
MAXIMUM PEAK STAGE			10.45	Dec 10	13.46	Sep 23, 2003
INSTANTANEOUS LOW FLOW			0.77*	Sep 19	0.41*	Aug 7, 2002
ANNUAL RUNOFF (CFSM)	1.30		1.03		1.18	
ANNUAL RUNOFF (INCHES)	17.71		14.00		15.99	
10 PERCENT EXCEEDS	32		32		26	
50 PERCENT EXCEEDS	7.5		7.9		7.1	
90 PERCENT EXCEEDS	3.9		3.6		3.6	

[@] See PERIOD OF RECORD.

* See REMARKS.

e Estimated.

