02099500 DEEP RIVER NEAR RANDLEMAN, NC

LOCATION.--Lat 35°54'06", long 79°51'05", Randolph County, Hydrologic Unit 03030003, on left bank 500 ft downstream of bridge on Secondary Road 1929, 0.2 mi downstream of Coltranés Mill, 0.5 mi south of Guilford County line, 4.8 mi upstream from Muddy Creek, and 7 mi north of Randleman.

DRAINAGE AREA.--125 mi^2.

PERIOD OF RECORD.--October 1928 to current year.

REVISED RECORDS.--WSP 782: 1929-30. WSP 1383: 1934-35, 1941. WSP 1723: 1929(M). WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 638.11 ft above sea level (levels by U.S. Army Corps of Engineers). Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Diurnal fluctuation at times during periods of low flow caused by Coltranés Mill. Some regulation by Oak Hollow Reservoir (station 02098495) and High Point Lake (station 02099096). City of High Point diverted an average of 22.2 ft^3/s for municipal water supply, 19.2 ft^3/s was discharged as treated effluent into Richland Creek upstream from station and 5.6 ft^3/s into Rich Fork Creek in Pee Dee River basin. Maximum discharge for period of record from rating curve extended above 7,100 ft^3/s on basis of contracted-opening measurement of peak flow at bridge 1.5 mi upstream; maximum gage height for period of record from floodmarks.

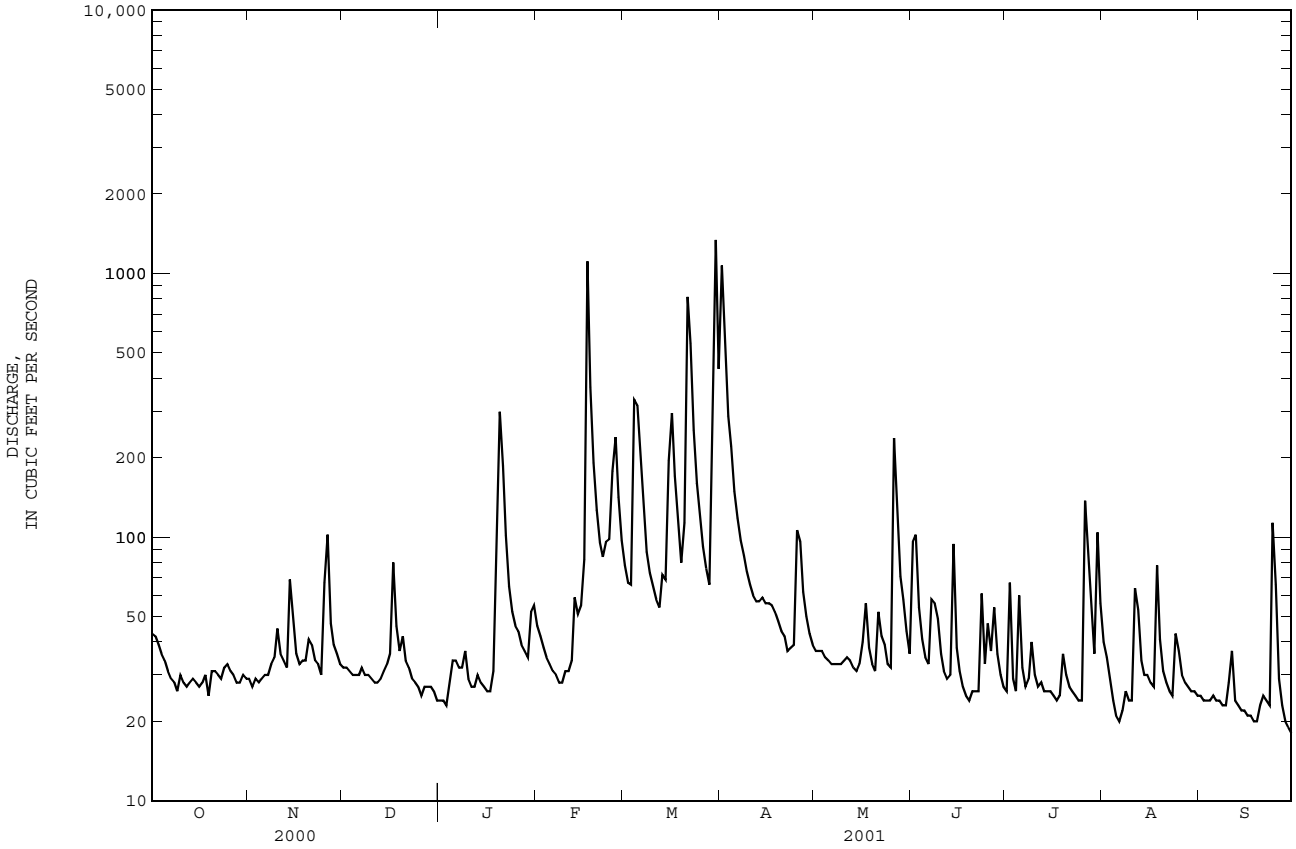
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	29	32	24	46	78	1070	37	96	26	40	25
2	42	27	32	24	42	67	605	37	102	67	35	24
3	39	29	31	23	38	66	288	37	54	29	e29	24
4	36	28	30	28	35	333	221	35	41	26	e24	24
5	34	29	30	34	33	316	149	34	35	60	e21	25
6	31	30	30	34	31	208	118	33	33	32	e20	24
7	29	30	32	32	30	130	97	33	58	27	e22	24
8	28	33	30	32	28	88	85	33	56	29	e26	23
9	26	35	30	37	28	73	74	33	49	40	24	23
10	30	45	29	29	31	65	66	34	36	30	24	28
11	28	36	28	27	31	58	60	35	31	27	64	37
12	27	34	28	27	34	54	57	34	29	28	53	24
13	28	32	29	30	59	72	57	32	30	26	34	23
14	29	69	31	28	51	69	59	31	94	26	30	22
15	28	51	33	27	55	195	56	33	38	26	30	22
16	27	36	36	26	82	295	56	40	31	25	28	21
17	28	33	80	26	1110	170	55	56	27	24	27	21
18	30	34	46	31	370	114	52	38	25	25	78	20
19	25	34	37	102	191	80	48	33	24	36	41	20
20	31	41	42	298	127	113	44	31	26	30	31	23
21	31	39	34	186	95	815	42	52	26	27	28	25
22	30	34	32	101	84	542	37	42	26	26	26	24
23	29	33	29	65	96	254	38	39	61	25	25	23
24	32	30	28	52	98	160	39	33	33	24	43	113
25	33	67	27	46	178	117	106	32	47	24	37	66
26	31	102	25	44	239	92	96	237	37	137	30	29
27	30	47	27	39	142	76	62	132	54	92	28	23
28	28	39	27	37	97	66	50	71	36	57	27	20
29	28	36	27	35	---	439	43	58	30	36	26	19
30	30	33	26	52	---	1340	39	44	27	104	26	18
31	29	---	24	55	---	434	---	36	---	56	25	---
TOTAL	950	1175	1002	1631	3481	6979	3869	1485	1292	1247	1002	837
MEAN	30.6	39.2	32.3	52.6	124	225	129	47.9	43.1	40.2	32.3	27.9
MAX	43	102	80	298	1110	1340	1070	237	102	137	78	113
MIN	25	27	24	23	28	54	37	31	24	24	20	18
CFSM	.25	.31	.26	.42	.99	1.80	1.03	.38	.34	.32	.26	.22
IN.	.28	.35	.30	.49	1.04	2.08	1.15	.44	.38	.37	.30	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001, BY WATER YEAR (WY)

MEAN	77.6	80.4	124	199	229	227	175	105	76.9	79.7	74.2	86.2
MAX	474	354	389	645	584	697	529	445	351	465	311	831
(WY)	1991	1986	1933	1937	1960	1975	1936	1978	1982	1975	1949	1996
MIN	5.78	9.56	16.8	15.8	38.7	54.4	27.6	23.5	16.7	17.2	17.1	10.6
(WY)	1931	1932	1934	1942	1986	1967	1985	1977	1933	1947	1945	1941

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1929 - 2001	
ANNUAL TOTAL	33963		24950			
ANNUAL MEAN	92.8		68.4		127	
HIGHEST ANNUAL MEAN					230	1978
LOWEST ANNUAL MEAN					45.9	1967
HIGHEST DAILY MEAN	1010	Mar 17	1340	Mar 30	12000	Sep 25 1947
LOWEST DAILY MEAN	21	Jul 11	18	Sep 30	1.2	Nov 12 1933
ANNUAL SEVEN-DAY MINIMUM	22	Jul 16	21	Sep 13	3.9	Sep 30 1930
MAXIMUM PEAK FLOW			2510	Mar 30	20000*	Sep 25 1947
MAXIMUM PEAK STAGE			13.40	Mar 30	32.20*	Sep 25 1947
INSTANTANEOUS LOW FLOW			18	Sep 30	.50	Nov 28 1931
ANNUAL RUNOFF (CFSM)	.74		.55		1.02	
ANNUAL RUNOFF (INCHES)	10.11		7.43		13.84	
10 PERCENT EXCEEDS	206		109		240	
50 PERCENT EXCEEDS	39		34		51	
90 PERCENT EXCEEDS	26		25		17	

e Estimated.
* See REMARKS.

02099500 DEEP RIVER NEAR RANDLEMAN, NC--Continued