02129000 PEE DEE RIVER NEAR ROCKINGHAM, NC

LOCATION.--Lat 34°56'45", long 79°52'11", Richmond County, Hydrologic Unit 03040201, on left bank at bridge on U.S. Highway 74, 2.5 mi upstream from Falling Creek, 3.3 mi downstream of Blewett Falls hydroelectric plant, 6 mi west of Rockingham, and 192 mi upstream from mouth in Winyah Bay.

DRAINAGE AREA.--6,863 mi^2.

PERIOD OF RECORD.--August 1906 to January 1912, October 1927 to current year. August 1906 to January 1912 published as "Yadkin River near Pee Dee".

REVISED RECORDS.--WSP 1203: 1928-37. WSP 1303: 1928-42 (monthly and yearly runoff), 1943-46 (adjusted monthly runoff). WSP 1503: 1906-12, 1928-32(m). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 120.68 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). August 1906 to January 1912 nonrecording gage at site 3.3 mi upstream at different datum. Sept. 1927 to Sept. 30, 1931, water-stage recorder at present site at 121.68 ft. Telephone and satellite telemetry at station.

REMARKS.--Records good except those below 1000 ft^3/s, which are fair. Flow regulated since 1928 by Blewett Falls Lake and five other reservoirs upstream. Prior to regulation, maximum discharge: 276,000 ft^3/s, Aug. 27, 1908; gage height: 31.28 ft, present site and datum, from records of State Highway Commission. Prior to regulation, minimum discharge: 2,210 ft^3/s, Sept. 3, 1907. Minimum discharge for period of record also occurred Dec. 2, 3, 1951; minimum daily discharge for period of record: 58 ft^3/s, Dec 2, 1951, a result of abnormally low flow during shutdown of Blewett Falls hydroelectric plant to produce steady flow for current-meter measurements at this gaging station. Minimum discharge from normal regulations: 96 ft^3/s, Oct. 25, 1943; minimum daily discharge: 120 ft^3/s, Oct. 8, 1961.

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	931	7,120	949	11,600	7,600	31,400	15,500	10,200	15,300	10,700	9,460	4,440
2	930	2,440	4,850	18,000	3,120	27,100	14,600	9,040	13,000	20,500	14,700	7,230
3	957	1,050	6,470	13,900	3,940	28,700	12,300	8,960	12,500	32,800	12,900	8,090
4	976	5,720	6,610	10,900	4,220	18,400	10,900	11,200	10,600	19,400	10,500	8,120
5	959	6,750	6,720	8,260	1,370	14,400	10,500	12,700	17,100	18,000	20,200	7,580
6	931	8,060	15,500	4,470	4,920	27,700	9,820	30,900	23,700	13,000	30,800	18,600
7	940	9,600	13,300	5,870	7,410	54,000	10,100	36,500	25,600	11,900	17,800	13,400
8	887	9,200	6,710	8,250	13,100	29,400	28,000	24,000	51,900	17,900	14,300	11,400
9	904	5,220	6,060	4,610	12,100	17,000	47,000	15,400	61,600	15,800	23,500	11,000
10	931	1,270	9,470	5,040	10,600	14,300	83,400	12,400	43,400	11,100	23,400	9,860
11	3,710	5,650	10,200	3,610	8,040	12,000	140,000	11,100	24,400	9,670	30,300	9,000
12	14,200	6,680	13,400	4,740	6,560	11,600	132,000	11,100	19,800	9,640	32,700	8,950
13	15,000	20,200	16,800	5,660	7,560	9,780	95,200	7,640	14,000	9,920	21,100	5,380
14	10,000	20,100	36,600	6,340	8,820	7,350	39,000	9,500	12,700	12,900	14,400	845
15	8,320	14,400	25,400	5,840	9,350	7,090	15,200	7,700	11,700	13,000	14,900	3,450
16	5,010	13,900	20,300	5,990	9,960	7,070	13,700	6,030	13,100	11,000	15,300	6,520
17	9,180	21,300	14,100	8,070	14,900	22,700	12,600	4,520	33,000	10,200	22,800	8,190
18	9,090	33,400	12,600	4,020	14,200	27,400	12,200	1,330	23,400	11,300	16,900	6,150
19	7,140	21,500	11,800	2,900	12,700	17,600	22,300	1,640	42,100	12,100	13,500	6,280
20	3,190	14,300	11,100	3,420	10,400	45,300	36,000	5,210	36,200	14,700	12,900	6,730
21	1,340	12,800	11,200	5,800	10,100	124,000	32,000	9,000	20,700	11,200	11,300	2,070
22	2,330	12,400	10,900	5,690	9,910	118,000	20,600	9,310	18,500	9,750	10,400	3,310
23	5,140	10,900	10,100	5,890	35,300	83,000	12,900	49,600	15,600	9,550	9,010	7,640
24	5,830	7,460	10,200	8,920	26,700	38,000	10,600	48,100	10,900	9,600	3,400	18,300
25	3,120	5,710	26,700	8,150	25,600	19,100	12,500	30,400	10,400	9,660	6,870	24,200
26	2,690	5,710	35,100	4,410	20,000	13,000	11,000	55,100	10,100	9,490	9,110	13,000
27	657	7,460	21,100	7,610	18,000	10,900	10,900	35,800	8,830	9,130	9,420	10,400
28	2,820	3,100	15,400	4,920	38,900	11,900	12,500	23,200	1,310	8,010	9,890	8,930
29	4,360	3,370	12,500	1,810	---	10,600	10,300	15,400	1,400	8,030	9,750	8,530
30	6,340	466	12,000	3,870	---	8,530	10,900	14,000	5,000	6,620	8,000	7,640
31	5,800	---	11,700	7,470	---	16,700	---	12,700	---	7,860	4,390	---
TOTAL	134,613	297,236	425,839	206,030	355,380	884,020	904,520	539,680	607,840	384,430	463,900	265,235
MEAN	4,342	9,908	13,740	6,646	12,690	28,520	30,150	17,410	20,260	12,400	14,960	8,841
MAX	15,000	33,400	36,600	18,000	38,900	124,000	140,000	55,100	61,600	32,800	32,700	24,200
MIN	657	466	949	1,810	1,370	7,070	9,820	1,330	1,310	6,620	3,400	845
†	+1,565	-103	+344	-1,162	+2,177	-372	-238	+91	+88	+1	-358	-264

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2003,* BY WATER YEAR (WY)

MEAN	5,859	5,517	7,466	10,920	12,470	13,520	10,920	7,290	6,013	5,301	5,437	5,364
MAX	25,850	16,120	20,300	31,270	36,040	34,480	31,340	17,410	20,260	16,790	19,180	35,690
(WY)	(1991)	(1958)	(1933)	(1937)	(1960)	(1993)	(1936)	(2003)	(2003)	(1975)	(1928)	(1928)
MIN	503	419	1,598	2,475	3,032	4,117	2,692	1,955	1,853	1,668	979	1,008
(WY)	(2002)	(2002)	(2002)	(1956)	(2001)	(1981)	(1981)	(2002)	(1986)	(2002)	(2002)	(1954)

02129000 PEE DEE RIVER NEAR ROCKINGHAM, NC—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1928 - 2003*	
ANNUAL TOTAL	1,622,948		5,468,723			
ANNUAL MEAN	4,446		14,980	‡15,120	7,984	(UNADJUSTED)
HIGHEST ANNUAL MEAN					14,980	2003
LOWEST ANNUAL MEAN					2,310	2002
HIGHEST DAILY MEAN	36,600	Dec 14	140,000	Apr 11	242,000	Sep 18, 1945
LOWEST DAILY MEAN	269	May 21	466	Nov 30	58*	Dec 2, 1951
ANNUAL SEVEN-DAY MINIMUM	933	Oct 4	933	Oct 4	185	Sep 28, 1985
MAXIMUM PEAK FLOW			150,000	Apr 11	270,000*	Sep 18, 1945
MAXIMUM PEAK STAGE			20.20	Apr 11	30.80*	Sep 18, 1945
INSTANTANEOUS LOW FLOW			199	Sep 14	50*	Dec 2, 1951
10 PERCENT EXCEEDS	10,800		30,300		14,500	
50 PERCENT EXCEEDS	2,540		10,600		5,580	
90 PERCENT EXCEEDS	748		3,410		1,540	

† Change in contents, equivalent in cubic feet per second, in W. Kerr Scott Reservoir, provided by U.S. Army Corps of Engineers; High Rock Lake, Tuckertown Reservoir, and Badin Lake, provided by Yadkin, Inc.; Lake Tillery and Blewett Falls Lake, provided by Carolina Power and Light Company. Virginia.
‡ Adjusted for change in contents.
* For regulated period only (1928-2003). See REMARKS.