SANTEE RIVER BASIN 495

02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC

LOCATION.--Lat 33°29'00'', long 80°52'25'', Orangeburg County, Hydrologic Unit 03050203, on left bank, under bridge on U.S. Highway 301 at Orangeburg, 0.5 mi upstream from Seaboard Coast Line Railroad bridge, 1.5 mi downstream from Caw Caw Swamp and at mile 22.1.

DRAINAGE AREA. -- 683 mi².

(WY)

REVISED RECORDS. -- WSP 1032: Drainage area.

PERIOD OF RECORD. --December 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 149.02 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Water diverted above station for municipal supply during year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 14.7 ft in September 1928, discharge, 10,000 ft³/s, from rating curve extended as described below, on basis of information from Department of Public Utilities, City of Orangeburg.

Discharge, cubic feet per second WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES DEC DAY OCT NOV FEB MAR APR MAY JUN AUG SEP JAN JUL e354 e350 e348 e352 770 e690 e732 e762 ------TOTAL MEAN MAX MTN 1.75 0.62 0.88 1.73 1.13 0.85 CFSM 0.44 0.74 0.65 1.29 1.16 1.48 0.51 0.85 0.75 0.91 1.99 1.95 1.30 1.70 0.95 IN. 1.30 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2003, BY WATER YEAR (WY) MEAN MAX (WY) MTN

496 SANTEE RIVER BASIN

02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YE	AR FOR 2003 WAT	TER YEAR	WATER YEARS	1939 - 2003
ANNUAL TOTAL	120300	264147			
ANNUAL MEAN	330	724		765	
HIGHEST ANNUAL MEAN				1389	1965
LOWEST ANNUAL MEAN				301	2002
HIGHEST DAILY MEAN	709 Dec :	26 2370	Mar 21	8850	Sep 18 1945
LOWEST DAILY MEAN	113 Aug	13 229	Oct 7	113	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	121 Aug	9 247	Oct 4	121	Aug 9 2002
MAXIMUM PEAK FLOW		2490	Mar 21	a 9500	Sep 18 1945
MAXIMUM PEAK STAGE		8.90	Mar 21	14.28	Sep 18 1945
INSTANTANEOUS LOW FLOW		221	Oct 8	109	Aug 13 2002
ANNUAL RUNOFF (CFSM)	0.48	1.06		1.12	
ANNUAL RUNOFF (INCHES)	6.55	14.39		15.22	
10 PERCENT EXCEEDS	519	1180		1270	
50 PERCENT EXCEEDS	334	667		662	
90 PERCENT EXCEEDS	154	348		366	

a $\mbox{From rating curve}$ extended above 5,300 \mbox{ft}^3/\mbox{s} by velocity-area studies.

e Estimated

