128 SANTEE RIVER BASIN

021473423 WILDCAT CREEK NEAR ROCK HILL, SC

LOCATION.--Lat 34°55'56'', long 81°03'51'', York County, Hydrologic Unit 03050103, at upstream side of culvert on State Highway 5, on left bank, 9.6 mi east of York, and 0.6 mi west of Rock Hill.

DRAINAGE AREA. -- 3.39 mi².

WATER-DISCHARGE RECORDS

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

PERIOD OF RECORD. -- August 1998 to May 2000 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 558 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DAILY MEAN VALUES DAY OCT NOV DEC JAN FEB APR MAY JUL AUG e1.8 . 63 1.8 . 57 7.4 1.9 2.1 1.7 ---1 ---8.2 2.5 1.7 e1.7 .57 5.2 2.6 1.8 1.8 3 e1.6 1.4 .57 4.0 1.6 2.2 1.6 ___ ___ ___ ___ 2.0 1.0 12 4 e1.7 1.4 3.4 1.4 ------------5 .60 2.7 5.6 .57 1.8 6 e1.6 1.3 1.5 2.0 3.7 1.3 -----e1.6 1.3 1.3 e.55 1.6 2.8 1.7 1.3 ------------8 e1 5 1.3 1.3 .57 1.3 3.0 1.3 1.3 2.1 1.9 1.2 e1.4 1.3 1.2 1.1 10 e29 1.3 2.4 13 1.0 1.8 1.7 1.1 11 13 1.2 1.4 3.4 .95 2.5 1.6 1.1 1.1 1.3 1.7 22 7.3 2.2 1.6 1.1 ------------12 e3.6 13 e2.4 14 e1.3 4.6 .76 e35 1.4 3.6 1.1 15 e.84 1.0 1.8 .71 8.5 1.3 14 1.1 ___ ___ 1.2 .71 16 e.80 1.4 5.6 2.6 4.3 1.1 e.76 e.71 1.0 1.2 .65 1.7 3.8 17 4.4 ---___ ___ ___ ___ 18 ---------___ 5.0 e.71 19 .99 1.3 .62 1.3 2.1 20 e4.0 1.0 1 2 1.3 2.9 639 1.8 ___ ---___ ___ ___ 21 1.0 2.6 2.7 1.6 e1.2 .00 .58 e.60 1.0 2.5 4.6 1.6 1.4 22 e.80 1.2 ___ ___ ___ ___ ___ 23 .82 ---___ --e.80 1.0 .73 6.1 25 e.75 1.1 .65 16 2.0 3.6 8.4 ___ ___ ___ ___ ___ 26 9.0 .71 6.0 1.9 3.2 3.2 .72 27 .71 .69 3.5 2.5 3.2 3.1 2.7 3.4 2.8 2.2 ---___ ___ ___ ___ 28 ------2.1 29 .64 .64 2.4 2.1 2.4 2.2 ------24 30 .63 1.8 64 2 2 2.0 ___ ___ ___ ___ ___ 2.4 31 .62 e11 .64 TOTAL. 79 95 55 42 42 52 117 40 146 45 129 5 87 3 20 6 ---___ ___ ___ 2.91 2.58 1.85 1.37 3.79 4.18 1.29 ------MEAN 5.05 MAX 29 9.0 4.6 24 35 39 14 1.8 ---------1.3 MIN .62 .63 .64 .55 .95 1.4 1.1 ------------.76 .40 1.12 1.49 1.23 ___ ------___ CFSM IN. .88 .61 .47 1.29 1.61 1.42 .96 .23 ---------STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY) 2.62 MEAN 2.01 1.78 2.34 5.66 5.22 3.69 1.33 1.06 .79 .63 1.78 MAX 2.58 1.85 3.31 7.54 5.39 4.18 2.91 1.33 1.06 .79 .63 1.78 (WY) 2000 2000 1999 1999 1999 2000 2000 1999 1999 1999 1999 1999 1.72 3.79 1.37 3.20 1.33 1.06 1.78 1.45 5.05 2.34 .79 .63 MIN 1999 (WY) 1999 1999 2000 2000 2000 1999 1999 1999 1999 1999 1999

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SUMMARY STATISTICS	021473423 WILDC. FOR 1999 CALEND.				WATER YEARS	3 1999 - 2000
HIGHEST DAILY MEAN	35	Jan 24	39	Mar 20	39	Mar 20 2000
LOWEST DAILY MEAN	.29	Aug 19	.55	Jan 7	. 29	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	.31	Aug 13	.61	Dec 28	.31	Aug 13 1999
INSTANTANEOUS PEAK FLOW			Unknown	Feb 14	Unknown	Feb 14 2000
INSTANTANEOUS PEAK STAGE			6.42	Feb 14	6.42	Feb 14 2000
ANNUAL RUNOFF (CFSM)	.73				.75	
ANNUAL RUNOFF (INCHES)	9.90				10.14	
10 PERCENT EXCEEDS	4.5		5.6		4.8	
50 PERCENT EXCEEDS	1.3		1.6		1.4	
90 PERCENT EXCEEDS	.52		.71		.62	

e Estimated

