

02146820 SUGAR CREEK NEAR FORT MILL, SC

LOCATION.--Lat 34°57'00'', long 80°52'14'', York County, Hydrologic Unit 03050103, on downstream side of bridge on County road 41, 8.5 mi east of Rock Hill, 5.5 mi southeast of Fort Mill and 0.5 mi above confluence with Catawba River.

DRAINAGE AREA.--264 mi².

PERIOD OF RECORD.--May 2001 to September 2001.

GAGE.--Data collection platform. Elevation of gage is 480 ft above sea level (from topographic map).

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

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	---	---	---	---	---	---	---	---	342	141	126	143
2	---	---	---	---	---	---	---	---	861	123	109	122
3	---	---	---	---	---	---	---	---	240	209	117	e496
4	---	---	---	---	---	---	---	---	210	201	117	e1720
5	---	---	---	---	---	---	---	---	169	e917	118	577
6	---	---	---	---	---	---	---	---	156	257	109	224
7	---	---	---	---	---	---	---	---	153	162	143	166
8	---	---	---	---	---	---	---	---	146	138	132	134
9	---	---	---	---	---	---	---	---	201	174	200	147
10	---	---	---	---	---	---	---	---	156	155	117	265
11	---	---	---	---	---	---	---	---	153	138	101	144
12	---	---	---	---	---	---	---	---	151	129	135	123
13	---	---	---	---	---	---	---	---	143	139	121	126
14	---	---	---	---	---	---	---	149	e740	182	283	107
15	---	---	---	---	---	---	---	141	227	123	138	101
16	---	---	---	---	---	---	---	141	165	108	130	95
17	---	---	---	---	---	---	---	140	173	107	117	95
18	---	---	---	---	---	---	---	142	157	97	249	101
19	---	---	---	---	---	---	---	150	144	121	216	100
20	---	---	---	---	---	---	---	193	147	196	135	222
21	---	---	---	---	---	---	---	268	131	127	109	253
22	---	---	---	---	---	---	---	268	145	106	105	136
23	---	---	---	---	---	---	---	610	518	110	104	111
24	---	---	---	---	---	---	---	205	200	179	98	e1100
25	---	---	---	---	---	---	---	344	172	655	105	e1510
26	---	---	---	---	---	---	---	741	158	363	96	285
27	---	---	---	---	---	---	---	307	415	223	97	192
28	---	---	---	---	---	---	---	278	171	154	94	164
29	---	---	---	---	---	---	---	487	332	148	114	143
30	---	---	---	---	---	---	---	339	158	300	120	116
31	---	---	---	---	---	---	---	185	---	168	118	---
TOTAL	---	---	---	---	---	---	---	5088	7234	6350	4073	9218
MEAN	---	---	---	---	---	---	---	283	241	205	131	307
MAX	---	---	---	---	---	---	---	741	861	917	283	1720
MIN	---	---	---	---	---	---	---	140	131	97	94	95
CFSM	---	---	---	---	---	---	---	1.07	.91	.78	.50	1.16
IN.	---	---	---	---	---	---	---	.72	1.02	.89	.57	1.30

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

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	---	---	---	---	---	---	---	---	241	205	131	307
MAX	---	---	---	---	---	---	---	---	241	205	131	307
(WY)	---	---	---	---	---	---	---	---	2001	2001	2001	2001
MIN	---	---	---	---	---	---	---	---	241	205	131	307
(WY)	---	---	---	---	---	---	---	---	2001	2001	2001	2001

SANTEE RIVER BASIN

02146820 SUGAR CREEK NEAR FORT MILL, SC--Continued

SUMMARY STATISTICS

FOR 2001 WATER YEAR

HIGHEST DAILY MEAN	e 1720	Sep 4
LOWEST DAILY MEAN	94	Aug 28
ANNUAL SEVEN-DAY MINIMUM	100	Aug 22
INSTANTANEOUS PEAK FLOW	Unknown	Sep 24
INSTANTANEOUS PEAK STAGE	8.63	Sep 24
10 PERCENT EXCEEDS	410	
50 PERCENT EXCEEDS	150	
90 PERCENT EXCEEDS	105	

e Estimated

