

SANTEE RIVER BASIN

135

02148300 COLONELS CREEK NEAR LEESBURG, SC

LOCATION.--Lat 34°00'25'', long 80°43'58'', Richland County, Hydrologic Unit 03050110, on SC Highway 262 bridge, 0.2 mi above Jumping Run Creek, and 1.9 mi southwest of Leesburg.

DRAINAGE AREA.--38.1 mi<sup>2</sup>.

PERIOD OF RECORD.--September 1966 to September 1980, February 2004 to current year.

GAGE.--Data collection platform. Elevation of gage is 158 ft above NGVD of 1929 (from topographic map). Prior to February 2004, at same site, at different datum.

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

Discharge, cubic feet per second  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61	17	29	29	33	64	41	23	23	55	53	15
2	41	17	26	28	29	60	44	20	52	123	34	14
3	34	17	25	27	40	43	37	19	58	167	25	13
4	30	18	23	26	51	35	31	17	65	164	20	12
5	25	20	23	25	42	31	27	16	53	104	17	12
6	22	19	23	24	35	29	32	20	37	75	16	11
7	20	18	25	24	31	30	35	19	39	50	18	11
8	18	17	25	23	28	41	29	17	76	37	17	11
9	17	18	24	23	31	47	49	15	74	30	33	11
10	16	17	32	23	45	51	49	14	71	26	84	11
11	16	18	34	23	37	34	55	14	48	25	60	10
12	16	18	29	23	32	28	55	13	35	23	39	10
13	16	23	26	23	28	25	45	13	30	23	29	10
14	16	22	24	55	27	23	41	13	33	30	55	12
15	17	21	25	77	31	22	36	12	30	32	64	11
16	17	20	34	64	29	40	30	13	24	30	66	11
17	16	20	25	66	27	57	26	13	20	25	40	11
18	15	19	23	45	25	48	24	12	17	22	32	11
19	15	18	22	35	23	37	23	12	13	21	26	10
20	15	19	22	31	31	30	21	20	13	19	21	10
21	15	19	21	29	25	27	20	43	12	17	22	10
22	15	19	21	28	42	26	20	28	12	16	36	10
23	15	54	24	26	38	33	27	22	11	16	33	10
24	16	67	27	24	48	32	25	18	9.8	14	26	10
25	19	57	25	24	59	32	22	16	9.6	13	22	10
26	18	44	35	25	48	27	25	14	13	13	19	11
27	18	36	48	31	40	e35	29	13	14	12	17	10
28	18	41	41	28	60	e60	21	12	36	12	17	10
29	18	37	36	32	---	e62	19	12	e98	12	16	11
30	18	32	33	44	---	43	20	17	73	15	15	10
31	18	---	31	42	---	39	---	20	---	45	16	---
TOTAL	631	782	861	1027	1015	1191	958	530	1099.4	1266	988	329
MEAN	20.4	26.1	27.8	33.1	36.2	38.4	31.9	17.1	36.6	40.8	31.9	11.0
MAX	61	67	48	77	60	64	55	43	98	167	84	15
MIN	15	17	21	23	23	22	19	12	9.6	12	15	10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2005, BY WATER YEAR (WY)

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	2004	2005
MEAN	35.3	42.3	50.2	60.3	57.0	58.5	50.7	40.6	36.3	37.0	40.0	33.7				
MAX	48.0	75.4	99.4	85.0	86.3	92.4	89.3	83.7	77.1	77.4	127	77.2				
(WY)	1980	1980	1977	1977	1973	1980	1975	1975	1973	1975	1967	1979				
MIN	19.1	26.1	27.8	33.1	36.2	30.9	22.6	16.0	18.2	18.9	20.1	11.0				
(WY)	1979	2005	2005	2005	2005	2004	2004	2004	2004	2004	2004	2005				

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02148300 COLONELS CREEK NEAR LEESBURG, SC--Continued

SUMMARY STATISTICS

FOR 2005 WATER YEAR

WATER YEARS 1966 - 2005

ANNUAL TOTAL	10677.4		
ANNUAL MEAN	29.3		45.9
HIGHEST ANNUAL MEAN			59.0 1975
LOWEST ANNUAL MEAN			29.3 2005
HIGHEST DAILY MEAN	167	Jul 3	893 Aug 11 1967
LOWEST DAILY MEAN	9.6	Jun 25	9.0 Jun 7 2004
ANNUAL SEVEN-DAY MINIMUM	10	Sep 19	9.3 Jun 2 2004
MAXIMUM PEAK FLOW	185	a Jul 3	b 1350 Aug 11 1967
MAXIMUM PEAK STAGE	5.92	a Jul 3	b 7.78 Aug 11 1967
10 PERCENT EXCEEDS	53		79
50 PERCENT EXCEEDS	25		38
90 PERCENT EXCEEDS	12		20

a Also occurred Jul. 4.  
b At datum then in use.

e Estimated

