

SANTEE RIVER BASIN

241

02164000 REEDY RIVER NEAR GREENVILLE, SC

LOCATION.--Lat 34°48'00'', long 82°21'55'', Greenville County, Hydrologic Unit 03050109, on right bank, 375 ft downstream from bridge on Interstate Highway 85, 0.5 mi upstream from Brushy Creek, 2.5 mi upstream from dam at Conestee, 3.9 mi southeast of City Hall in Greenville, and at mile 48.5.

DRAINAGE AREA.--48.6 mi<sup>2</sup>.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1941 to September 1971, June 1987 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.-Data collection platform. Elevation of gage is 800 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor. City of Greenville began diverting water from the Saluda River above station 02162500 (Table Rock Reservoir) in 1930, supplemented by North Saluda Reservoir in 1961. Sewage effluent discharged into the Reedy River about 500 feet below station 02164000.

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	81	43	99	61	62	102	152	94	228	124	65	33
2	72	62	62	60	58	78	131	68	190	98	56	34
3	95	93	56	59	203	70	96	62	85	85	49	32
4	65	469	53	57	91	66	84	60	71	121	49	32
5	56	175	51	56	73	64	78	64	61	117	47	32
6	52	78	153	62	64	61	75	59	453	87	50	32
7	50	65	127	59	61	64	89	58	163	2020	118	32
8	50	57	77	69	60	143	381	55	342	876	94	32
9	49	51	565	61	60	70	176	53	216	148	94	32
10	49	49	1580	58	60	62	107	e60	219	111	58	31
11	47	48	233	56	56	60	90	e80	122	121	68	29
12	46	133	120	56	55	59	134	53	111	136	53	28
13	64	76	94	85	56	58	243	54	119	92	60	28
14	47	59	79	281	74	67	120	164	84	94	61	28
15	45	53	71	90	61	58	93	145	72	88	49	28
16	42	50	68	72	56	132	82	82	67	81	50	28
17	42	50	67	65	56	89	77	59	78	73	67	28
18	41	48	69	60	52	70	73	54	76	69	60	27
19	63	47	63	59	57	64	70	52	140	66	61	26
20	50	53	59	58	70	62	69	721	e134	108	56	25
21	43	48	60	58	177	60	69	133	113	74	52	27
22	42	47	59	57	112	136	123	81	80	76	50	27
23	42	60	467	55	73	181	109	68	60	66	85	27
24	57	129	148	52	144	86	73	61	55	58	68	26
25	48	115	97	54	80	72	65	55	51	57	44	25
26	40	69	80	54	68	67	87	53	63	54	42	25
27	40	66	73	52	67	284	80	52	519	49	41	27
28	42	67	69	50	255	1460	64	50	843	70	40	25
29	41	55	67	57	---	229	62	50	699	125	42	76
30	43	51	66	126	---	121	133	63	280	79	45	34
31	42	---	63	78	---	258	---	52	---	80	38	---
TOTAL	1586	2466	4995	2177	2361	4453	3285	2815	5794	5503	1812	916
MEAN	51.2	82.2	161	70.2	84.3	144	110	90.8	193	178	58.5	30.5
MAX	95	469	1580	281	255	1460	381	721	843	2020	118	76
MIN	40	43	51	50	52	58	62	50	51	49	38	25
CFSM	1.05	1.69	3.32	1.44	1.74	2.96	2.25	1.87	3.97	3.65	1.20	0.63
IN.	1.21	1.89	3.82	1.67	1.81	3.41	2.51	2.15	4.43	4.21	1.39	0.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)
MEAN	60.7	255	13.4	1950	1955	1956	1956	1956	2001	1999	2002	2001
MAX	63.1	204	23.9	1949	1955	1956	1956	1956	2001	1999	2002	2001
MIN	80.0	233	29.2	1962	1956	1956	1956	1956	2001	1999	2002	2001
(WY)	96.4	216	28.0	1946	1956	1956	1956	1956	2001	1999	2002	2001
(WY)	114	234	45.7	1961	1956	1956	1956	1956	2001	1999	2002	2001
(WY)	128	350	47.8	1952	1956	1956	1956	1956	2001	1999	2002	2001
(WY)	106	290	36.3	1964	1956	1956	1956	1956	2001	1999	2002	2001
(WY)	75.8	198	27.1	2003	1956	1956	1956	1956	2001	1999	2002	2001
(WY)	66.8	193	20.5	2005	1956	1956	1956	1956	2001	1999	2002	2001
(WY)	66.8	212	25.3	2004	1956	1956	1956	1956	2001	1999	2002	2001
(WY)	60.6	227	16.5	1995	1956	1956	1956	1956	2001	1999	2002	2001
(WY)	59.2	278	14.1	2004	1956	1956	1956	1956	2001	1999	2002	2001

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1942 - 2005	
ANNUAL TOTAL	37091		38163		81.8	
ANNUAL MEAN	101		105		124	
HIGHEST ANNUAL MEAN					43.1 1988	
LOWEST ANNUAL MEAN					7.0 Aug 5 2002	
HIGHEST DAILY MEAN	e 2630	Jul 29	2020	Jul 7	4120	Aug 27 1995
LOWEST DAILY MEAN	20	a May 28	25	b Sep 20	5.3	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	23	May 23	26	Sep 20	7.0	Aug 5 2002
MAXIMUM PEAK FLOW			4180	Jul 7	5830	Jul 29 2004
MAXIMUM PEAK STAGE			9.49	Jul 7	11.88	Aug 27 1995
INSTANTANEOUS LOW FLOW			25	c Sep 19	3.3	Aug 5 1999
ANNUAL RUNOFF (CFSM)	2.09		2.15		1.68	
ANNUAL RUNOFF (INCHES)	28.39		29.21		22.87	
10 PERCENT EXCEEDS	132		148		139	
50 PERCENT EXCEEDS	51		64		52	
90 PERCENT EXCEEDS	31		42		24	

a Also occurred Jun. 3, 12.  
 b Also occurred Sep. 25, 26, 28.  
 c Also occurred Sep. 20, 24-29.

e Estimated

