

SANTEE RIVER BASIN

245

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>.

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 sea level (from topographic map).

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

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	43	30	32	56	41	45	43	21	20	43	42
2	16	107	29	32	50	40	91	78	19	18	24	23
3	15	32	29	32	45	39	325	238	19	18	195	29
4	e1060	25	28	101	43	41	167	118	20	21	40	31
5	e375	22	28	59	42	41	89	59	76	19	36	18
6	e57	22	111	39	39	39	71	49	38	17	33	16
7	e32	24	37	31	39	38	61	45	25	16	23	15
8	e27	23	32	35	39	37	57	40	22	15	21	15
9	24	23	30	59	38	37	54	38	22	17	20	13
10	717	21	65	390	38	36	50	37	21	17	19	13
11	590	45	40	128	37	93	48	33	20	15	18	12
12	99	28	32	73	149	61	47	38	19	28	17	12
13	60	23	88	58	75	40	78	30	19	54	16	109
14	46	23	179	50	307	37	187	28	20	154	15	27
15	38	24	66	45	100	36	222	30	19	44	15	12
16	33	24	47	42	72	226	100	26	20	20	14	10
17	31	21	40	41	61	166	75	27	32	17	14	10
18	28	21	37	57	68	74	62	27	42	16	13	19
19	29	21	36	46	58	59	56	26	20	14	14	29
20	47	21	41	72	52	980	52	26	187	15	14	14
21	37	21	121	43	49	229	48	26	79	12	28	75
22	28	22	70	40	45	110	45	25	53	14	16	63
23	27	23	48	124	43	84	43	24	34	23	14	124
24	26	24	42	79	43	72	92	37	24	18	14	25
25	25	81	39	66	43	63	87	28	21	33	13	72
26	23	490	36	52	41	59	56	26	25	16	13	48
27	23	72	35	46	76	65	54	23	29	22	14	22
28	22	44	34	43	56	66	98	22	34	71	13	18
29	22	35	33	52	44	52	67	21	53	25	12	17
30	23	32	32	120	---	49	52	22	25	30	12	16
31	23	---	32	78	---	47	---	23	---	97	38	---
TOTAL	3621	1437	1547	2165	1848	3057	2579	1313	1058	916	791	949
MEAN	117	47.9	49.9	69.8	63.7	98.6	86.0	42.4	35.3	29.5	25.5	31.6
MAX	1060	490	179	390	307	980	325	238	187	154	195	124
MIN	15	21	28	31	37	36	43	21	19	12	12	10
CFSM	2.40	.99	1.03	1.44	1.31	2.03	1.77	.87	.73	.61	.53	.65
IN.	2.77	1.10	1.18	1.66	1.41	2.34	1.97	1.01	.81	.70	.61	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2000, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)
MEAN	62.4	63.4	78.3	100
MAX	255	204	233	216
(WY)	1950	1949	1962	1946
MIN	13.4	23.9	29.2	28.0
(WY)	1955	1955	1956	1956
				1988
				1999
				1942
				1988
				1988
				1954
				1954
				1954

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SUMMARY STATISTICS	02164000 REEDY RIVER NEAR GREENVILLE, SC--Continued		WATER YEARS 1942 - 2000	
	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR		
ANNUAL TOTAL	19570.8	21281		
ANNUAL MEAN	53.6	58.1	81.8	
HIGHEST ANNUAL MEAN			118	1949
LOWEST ANNUAL MEAN			43.1	1988
HIGHEST DAILY MEAN	1060	1060	4120	Aug 27 1995
LOWEST DAILY MEAN	5.3	10	5.3	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	8.3	13	8.3	Sep 14 1999
INSTANTANEOUS PEAK FLOW		2620	b 5400	Aug 27 1995
INSTANTANEOUS PEAK STAGE		7.81	11.88	Aug 27 1995
INSTANTANEOUS LOW FLOW		6.1	3.3	Aug 5 1999
ANNUAL RUNOFF (CFSM)	1.10	1.20	1.68	
ANNUAL RUNOFF (INCHES)	14.98	16.29	22.86	
10 PERCENT EXCEEDS	94	97	138	
50 PERCENT EXCEEDS	35	36	52	
90 PERCENT EXCEEDS	12	16	25	

a Also occurred Sep. 17.  
 b From rating curve extended above 3,000 ft<sup>3</sup>/s.  
 e Estimated

