

SANTEE RIVER BASIN

277

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 mi².

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.--No estimated daily discharges. Records good. 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	40	37	122	62	97	84	80	67	290	358	115
2	34	37	36	80	56	93	81	102	65	823	463	59
3	32	37	36	119	53	80	76	80	205	180	165	52
4	30	37	67	76	121	74	73	72	231	101	135	63
5	29	153	516	68	70	75	146	118	93	83	183	77
6	29	204	186	64	79	403	131	599	155	79	88	49
7	27	77	91	60	153	141	573	380	415	83	83	46
8	26	56	72	59	78	100	259	144	191	80	80	45
9	27	47	61	56	67	89	206	106	109	68	104	44
10	28	49	77	54	84	82	338	91	88	74	88	42
11	28	178	279	53	62	75	225	87	80	74	72	40
12	26	220	103	53	57	72	135	81	117	90	64	38
13	148	101	315	52	53	71	112	72	145	70	61	38
14	53	69	184	51	58	71	99	69	79	67	81	38
15	537	59	102	50	65	91	92	68	76	98	67	39
16	859	237	82	50	165	158	88	70	72	74	80	35
17	215	145	70	55	155	101	116	156	79	62	101	33
18	82	86	63	49	93	128	201	107	98	55	261	33
19	58	70	62	49	79	343	100	101	230	128	331	33
20	48	61	420	50	72	2470	90	78	94	70	78	32
21	49	58	131	55	67	683	194	87	73	140	79	33
22	45	54	91	55	470	176	122	1770	66	123	67	278
23	38	49	78	56	227	130	92	801	63	88	59	290
24	35	46	553	48	109	111	84	174	61	85	55	71
25	40	44	269	47	88	100	95	123	59	61	52	53
26	41	43	115	48	99	94	162	108	57	59	50	48
27	35	41	92	46	218	88	94	96	57	76	48	47
28	76	40	81	45	122	85	82	85	64	58	46	49
29	97	39	75	68	---	83	77	79	60	59	47	41
30	75	39	69	175	---	177	74	75	61	448	45	41
31	49	---	71	76	---	96	---	72	---	672	81	---
TOTAL	2932	2416	4484	1989	3082	6637	4301	6131	3310	4518	3572	1902
MEAN	94.6	80.5	145	64.2	110	214	143	198	110	146	115	63.4
MAX	859	237	553	175	470	2470	573	1770	415	823	463	290
MIN	26	37	36	45	53	71	73	68	57	55	45	32
CFSM	1.95	1.66	2.98	1.32	2.26	4.41	2.95	4.07	2.27	3.00	2.37	1.30
IN.	2.24	1.85	3.43	1.52	2.36	5.08	3.29	4.69	2.53	3.46	2.73	1.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2003, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)
MEAN	61.2	62.4	78.2	97.9
MAX	255	204	233	216
(WY)	1950	1949	1962	1946
MIN	13.4	23.9	29.2	28.0
(WY)	1955	1955	1956	1956
				2001
				1999
				2002
				2001
				1988
				1954
				2001
				1954
				2001
				1954

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02164000 REEDY RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1942 - 2003	
ANNUAL TOTAL	23614.0		45274		81.0	
ANNUAL MEAN	64.7		124		124	
HIGHEST ANNUAL MEAN					43.1	
LOWEST ANNUAL MEAN					1988	
HIGHEST DAILY MEAN	967	Sep 15	2470	Mar 20	4120	Aug 27 1995
LOWEST DAILY MEAN	6.8	Aug 11	26	a Oct 8	5.3	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	7.0	Aug 5	27	Oct 6	7.0	Aug 5 2002
MAXIMUM PEAK FLOW			3160	Jul 30	5400	Aug 27 1995
MAXIMUM PEAK STAGE			8.76	Jul 30	11.88	Aug 27 1995
INSTANTANEOUS LOW FLOW			21	Oct 2	3.3	Aug 5 1999
ANNUAL RUNOFF (CFSM)	1.33		2.55		1.67	
ANNUAL RUNOFF (INCHES)	18.07		34.65		22.66	
10 PERCENT EXCEEDS	138		222		139	
50 PERCENT EXCEEDS	37		77		52	
90 PERCENT EXCEEDS	11		40		24	

a Also occurred Oct. 12.

