

SANTEE RIVER BASIN

02157510 MIDDLE TYGER RIVER NEAR LYMAN, SC

LOCATION.--Lat 34°56'24'', long 82°07'25'', Spartanburg County, Hydrologic Unit 03050107, on downstream side of County Road 242 bridge, approximately 100 ft below treatment plant dam, and 2.2 mi southeast of Lyman.

DRAINAGE AREA.--69.0 mi².

PERIOD OF RECORD.--February 2000 to current year.

GAGE.--Data collection platform. Elevation of gage is 758 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges and those above 150 ft³/s, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	64	79	77	69	91	103	71	37	76	68	54
2	63	63	74	76	71	90	84	85	37	80	55	98
3	62	72	71	80	125	93	78	86	31	86	59	91
4	60	64	78	78	129	89	72	71	31	105	61	121
5	63	65	97	84	106	87	66	62	34	110	47	103
6	65	87	96	99	302	85	63	59	31	103	41	54
7	61	94	85	80	1060	82	64	54	30	72	35	143
8	67	83	83	74	432	79	64	52	33	63	32	e1780
9	74	73	76	75	128	76	64	52	66	62	33	e1280
10	76	75	101	74	139	75	63	52	63	52	28	226
11	78	65	196	75	131	73	63	49	48	70	29	133
12	82	64	153	70	143	71	81	34	41	105	85	107
13	78	62	123	70	147	74	125	34	60	87	142	80
14	70	54	e193	69	136	69	151	35	89	64	79	76
15	71	56	223	70	131	74	99	39	112	51	55	102
16	64	57	148	65	132	78	81	41	174	43	50	193
17	62	62	130	70	116	83	74	48	117	51	43	301
18	65	61	120	76	106	76	69	49	77	93	41	414
19	64	179	106	78	107	72	64	61	91	83	47	202
20	64	e284	97	70	99	71	62	47	71	54	38	120
21	61	161	97	70	96	77	59	43	74	51	39	86
22	59	118	89	66	97	68	57	43	60	42	58	65
23	55	95	88	64	89	63	53	43	61	39	55	50
24	57	93	89	67	89	64	54	38	56	40	47	53
25	59	94	88	72	87	65	54	35	103	39	41	54
26	61	84	88	85	87	67	55	35	347	40	41	48
27	92	81	81	83	99	67	64	56	204	45	35	242
28	89	92	82	76	100	67	57	24	114	129	33	e1330
29	76	96	83	73	91	63	51	24	87	149	38	e920
30	69	89	82	73	---	70	54	26	79	116	31	218
31	65	---	80	76	---	95	---	39	---	86	30	---
TOTAL	2095	2687	3276	2315	4644	2354	2148	1487	2458	2286	1516	8744
MEAN	67.6	89.6	106	74.7	160	75.9	71.6	48.0	81.9	73.7	48.9	291
MAX	92	284	223	99	1060	95	151	86	347	149	142	1780
MIN	55	54	71	64	69	63	51	24	30	39	28	48
CFSM	0.98	1.30	1.53	1.08	2.32	1.10	1.04	0.70	1.19	1.07	0.71	4.22
IN.	1.13	1.45	1.77	1.25	2.50	1.27	1.16	0.80	1.33	1.23	0.82	4.71

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2004, BY WATER YEAR (WY)

	2000	2001	2002	2003	2004
MEAN	47.5	55.4	92.3	70.5	108
MAX	94.1	89.6	182	79.5	160
(WY)	2003	2004	2003	2002	2004
MIN	7.96	24.5	39.9	49.4	55.4
(WY)	2001	2002	2002	2001	2002

02157510 MIDDLE TYGER RIVER NEAR LYMAN, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2000 - 2004	
ANNUAL TOTAL	55812		36010		83.5	
ANNUAL MEAN	153		98.4		161 2003	
HIGHEST ANNUAL MEAN					36.5 2002	
LOWEST ANNUAL MEAN					e 1950 Mar 21 2003	
HIGHEST DAILY MEAN	e 1950	Mar 21	e 1780	Sep 8	e 1950 Mar 21 2003	
LOWEST DAILY MEAN	54	Nov 14	24	May 28	0.66 Aug 29 2002	
ANNUAL SEVEN-DAY MINIMUM	59	Oct 20	31	May 28	1.1 Aug 23 2002	
MAXIMUM PEAK FLOW			Unknown Sep 8		Unknown Sep 8 2004	
MAXIMUM PEAK STAGE			6.85 Sep 8		6.85 Sep 8 2004	
ANNUAL RUNOFF (CFSM)	2.22		1.43		1.21	
ANNUAL RUNOFF (INCHES)	30.09		19.41		16.45	
10 PERCENT EXCEEDS	228		131		148	
50 PERCENT EXCEEDS	105		72		56	
90 PERCENT EXCEEDS	64		41		12	

e Estimated

