

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 and crest-stage gage. 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e120	67	88	93	94	169	208	109	102	161	87	43
2	e110	65	92	92	85	117	165	92	223	139	78	40
3	e125	83	86	94	114	100	136	80	165	104	67	38
4	e100	179	79	88	131	95	122	77	115	348	61	36
5	e95	330	75	87	104	87	111	80	94	288	58	37
6	92	167	89	88	93	85	104	79	100	147	60	33
7	88	119	111	88	87	83	105	74	92	e1870	79	31
8	79	94	105	90	85	103	147	71	77	e2880	144	45
9	75	89	e204	89	85	100	195	70	78	e375	135	38
10	76	76	e1650	84	87	87	147	71	75	e210	162	35
11	79	76	824	83	76	81	124	75	73	e155	118	34
12	80	99	e278	82	73	80	120	70	72	e145	82	32
13	76	136	e182	85	76	81	328	66	84	e130	69	30
14	81	101	e153	182	81	82	368	79	84	e185	66	29
15	70	91	119	169	82	79	204	96	69	e150	76	28
16	65	81	109	121	80	91	147	96	60	e115	106	30
17	58	79	105	99	98	108	125	81	54	e100	144	35
18	59	77	100	87	95	95	115	72	51	e90	105	29
19	69	75	96	84	39	88	107	68	58	e105	41	29
20	78	77	91	85	62	81	100	131	64	e110	45	30
21	72	80	83	86	89	79	95	172	86	e50	38	26
22	68	76	85	84	102	83	96	111	71	68	34	26
23	67	78	238	82	89	130	122	90	60	78	33	27
24	69	89	379	73	100	125	103	79	53	72	38	28
25	72	115	199	75	102	103	91	69	50	68	39	28
26	65	98	143	78	89	92	88	66	53	64	45	29
27	64	90	125	71	88	113	98	63	136	59	48	33
28	69	87	108	70	151	903	88	62	420	58	46	29
29	66	82	103	74	---	697	84	62	861	85	47	33
30	70	80	99	102	---	243	96	66	312	107	48	36
31	66	---	96	112	---	194	---	69	---	97	46	---
TOTAL	2423	3036	6294	2877	2537	4654	4139	2546	3892	8613	2245	977
MEAN	78.2	101	203	92.8	90.6	150	138	82.1	130	278	72.4	32.6
MAX	125	330	1650	182	151	903	368	172	861	2880	162	45
MIN	58	65	75	70	39	79	84	62	50	50	33	26
CFSM	1.13	1.47	2.94	1.35	1.31	2.18	2.00	1.19	1.88	4.03	1.05	0.47
IN.	1.31	1.64	3.39	1.55	1.37	2.51	2.23	1.37	2.10	4.64	1.21	0.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

	2000	2001	2002	2003	2004	2005
MEAN	53.6	64.5	114	75.0	104	124
MAX	94.1	101	203	92.8	160	261
(WY)	2003	2005	2005	2005	2004	2003
MIN	7.96	24.5	39.9	49.4	55.4	56.0
(WY)	2001	2002	2002	2001	2002	2001

SANTEE RIVER BASIN

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	39705		44233		91.1	
ANNUAL MEAN	108		121		161	
HIGHEST ANNUAL MEAN					36.5	
LOWEST ANNUAL MEAN					1.1	
HIGHEST DAILY MEAN	e 1780	Sep 8	e 2880	Jul 8	e 2880	Jul 8 2005
LOWEST DAILY MEAN	24	May 28	26	a Sep 21	0.66	Aug 29 2002
ANNUAL SEVEN-DAY MINIMUM	31	May 28	28	Sep 19	1.1	Aug 23 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			8.12		8.12	
ANNUAL RUNOFF (CFSM)	1.57		1.76		1.32	
ANNUAL RUNOFF (INCHES)	21.41		23.85		17.93	
10 PERCENT EXCEEDS	140		165		150	
50 PERCENT EXCEEDS	76		86		65	
90 PERCENT EXCEEDS	41		44		14	

a Also occurred Sep. 22.

e Estimated

