

02158408 SOUTH TYGER RIVER BELOW DUNCAN, SC

LOCATION.--Lat 34°55'15'', long 82°07'49'', Spartanburg County, Hydrologic Unit 03050107, on downstream side of County Road 242 bridge, 2.0 mi south of Lyman and 1.5 mi southwest of Duncan, SC.

DRAINAGE AREA.--94.4 mi².

PERIOD OF RECORD.--February 2001 to current year.

GAGE.--Data collection platform. Elevation of gage is 728 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, 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	233	102	133	147	149	229	340	165	235	439	139	73
2	195	107	134	145	139	185	282	147	377	331	126	69
3	181	127	126	142	219	167	225	132	218	237	113	65
4	170	374	119	138	196	156	190	123	176	275	105	61
5	144	395	114	135	174	149	172	130	147	303	100	58
6	131	280	144	138	159	141	160	123	162	228	100	56
7	120	206	180	136	149	136	162	119	172	e2530	203	55
8	112	165	159	142	141	186	308	114	137	1840	195	54
9	105	137	397	138	138	161	312	110	151	858	172	54
10	106	122	2300	134	139	148	207	108	159	476	199	52
11	105	114	1020	129	132	140	179	130	158	361	126	52
12	101	164	536	128	122	137	189	123	157	326	113	51
13	106	172	362	133	123	130	352	112	169	280	103	49
14	105	158	281	290	132	134	489	158	167	451	95	48
15	105	141	230	227	131	131	337	169	146	361	91	49
16	100	128	198	186	131	168	254	149	126	212	90	51
17	94	121	182	164	127	176	209	129	113	183	85	51
18	91	117	172	142	124	159	184	119	106	171	89	49
19	99	112	165	132	120	147	167	112	112	153	108	49
20	108	115	155	133	123	142	153	322	121	185	103	50
21	108	114	143	136	159	136	146	245	155	159	95	48
22	107	114	138	133	172	152	160	183	158	134	87	47
23	103	117	478	135	149	260	199	153	125	127	83	47
24	114	152	452	128	183	202	163	131	109	119	87	46
25	112	160	335	117	168	175	140	117	99	113	84	47
26	105	147	256	121	152	161	136	107	99	107	82	48
27	105	135	212	119	144	214	150	104	553	102	77	50
28	103	136	182	118	294	1510	138	98	1000	102	74	48
29	104	124	169	123	---	766	131	96	1220	190	71	56
30	104	114	161	173	---	442	165	109	717	164	73	63
31	104	---	154	165	---	408	---	107	---	158	78	---
TOTAL	3680	4670	9787	4527	4289	7548	6399	4244	7544	11675	3346	1596
MEAN	119	156	316	146	153	243	213	137	251	377	108	53.2
MAX	233	395	2300	290	294	1510	489	322	1220	2530	203	73
MIN	91	102	114	117	120	130	131	96	99	102	71	46
CFSM	1.26	1.65	3.34	1.55	1.62	2.58	2.26	1.45	2.66	3.99	1.14	0.56
IN.	1.45	1.84	3.86	1.78	1.69	2.97	2.52	1.67	2.97	4.60	1.32	0.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

	2001	2002	2003	2004	2005
MEAN	104	120	205	129	165
MAX	143	156	316	146	232
(WY)	2003	2005	2005	2005	2004
MIN	43.4	44.2	68.9	116	92.9
(WY)	2002	2002	2002	2004	2002

SANTEE RIVER BASIN

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
ANNUAL TOTAL	59134		69305		164	
ANNUAL MEAN	162		190		249	
HIGHEST ANNUAL MEAN					68.8	
LOWEST ANNUAL MEAN					249	
HIGHEST DAILY MEAN	2300	Dec 10	e 2530	Jul 7	e 2530	Jul 7 2005
LOWEST DAILY MEAN	51	Aug 31	46	Sep 24	9.5	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	59	Aug 25	48	Sep 20	10	Aug 8 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			16.68		16.68	
ANNUAL RUNOFF (CFSM)	1.71		2.01		1.74	
ANNUAL RUNOFF (INCHES)	23.30		27.31		23.59	
10 PERCENT EXCEEDS	238		305		284	
50 PERCENT EXCEEDS	115		138		119	
90 PERCENT EXCEEDS	73		83		40	

e Estimated

