

Water-Data Report 2006

**02175500 SALKEHATCHIE RIVER NEAR MILEY, SC**

Edisto-South Carolina Coastal Basin  
Salkehatchie Subbasin

LOCATION.--Lat 32°59'20", long 81°03'10" referenced to North American Datum of 1927, Hampton County, SC, Hydrologic Unit 03050207, on downstream side of bridge on U.S.Highway 601, 2.4 mi downstream from Savannah Creek, 3.1 mi upstream from Hampton and Branchville Railroad bridge, 3.1 mi northwest of Miley, and at mile 68.0.

DRAINAGE AREA.--341 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Data collection platform. Datum of gage is 64.35 ft above NGVD of 1929. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage 90 ft downstream at same datum. Prior to Dec. 6, 1957, nonrecording gage at same site and datum.

REMARKS.--Records fair except for daily discharges below 10 cfs, which are poor.

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**FROM DCP**  
**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	60	82	223	371	326	457	188	160	33	216	185	99
2	57	82	198	479	314	472	184	141	35	243	113	89
3	54	80	190	540	361	444	179	119	74	194	85	83
4	52	81	189	498	367	391	172	101	126	120	67	95
5	52	82	195	450	348	327	167	95	178	90	59	117
6	90	82	214	448	333	278	158	103	211	70	54	224
7	116	83	216	447	319	246	146	117	203	63	53	195
8	132	87	218	429	304	226	172	169	141	64	97	176
9	152	89	240	388	287	213	222	148	83	65	136	187
10	174	86	254	335	263	206	215	140	59	59	104	182
11	198	80	267	291	255	203	199	142	48	54	110	151
12	223	79	276	261	260	200	203	130	40	51	123	117
13	247	83	272	247	263	197	201	113	70	47	135	120
14	259	85	260	272	259	194	186	110	323	43	133	189
15	262	88	247	291	262	190	159	148	405	40	144	234
16	237	92	233	277	262	189	135	139	367	40	167	251
17	193	94	218	296	254	184	118	138	428	37	187	303
18	152	92	229	348	238	176	107	142	461	38	181	321
19	125	92	238	336	229	173	105	121	415	40	133	286
20	108	97	248	304	222	172	118	100	329	33	102	231
21	99	219	256	285	221	182	121	85	218	32	83	153
22	93	305	266	285	219	214	128	75	131	29	75	116
23	86	321	265	289	220	216	143	70	82	29	67	103
24	83	322	258	291	226	233	167	67	65	41	105	93
25	82	398	251	280	235	268	197	61	62	69	232	84
26	82	405	234	264	321	312	170	56	72	99	288	79
27	83	385	217	255	376	324	158	50	116	136	231	75
28	84	354	208	247	390	291	152	48	148	238	227	78
29	84	325	244	241	---	239	153	45	171	494	180	72
30	83	272	285	257	---	210	163	43	184	530	119	66
31	82	---	304	335	---	195	---	41	---	356	103	---
<b>Total</b>	3,884	5,022	7,413	10,337	7,934	7,822	4,886	3,217	5,278	3,660	4,078	4,569
<b>Mean</b>	125	167	239	333	283	252	163	104	176	118	132	152
<b>Max</b>	262	405	304	540	390	472	222	169	461	530	288	321
<b>Min</b>	52	79	189	241	219	172	105	41	33	29	53	66
<b>Cfsm</b>	0.37	0.49	0.70	0.98	0.83	0.74	0.48	0.30	0.52	0.35	0.39	0.45
<b>In.</b>	0.42	0.55	0.81	1.13	0.87	0.85	0.53	0.35	0.58	0.40	0.44	0.50

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2006, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	249	272	368	459	517	543	410	273	247	225	251	217
<b>Max</b>	1,038	834	870	1,166	1,303	1,224	990	766	866	877	1,038	800
<b>(WY)</b>	(1960)	(1993)	(1998)	(1993)	(1960)	(1980)	(1998)	(1984)	(1973)	(1975)	(1991)	(1964)
<b>Min</b>	68.2	108	144	188	196	214	129	47.5	36.7	48.0	33.7	44.1
<b>(WY)</b>	(1955)	(2002)	(2002)	(1956)	(1957)	(1955)	(2002)	(2002)	(2002)	(2002)	(2002)	(1954)

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SUMMARY STATISTICS

	Calendar Year 2005		Water Year 2006		Water Years 1951 - 2006	
<b>Annual total</b>	76,163		68,100			
<b>Annual mean</b>	209		187		340	
<b>Highest annual mean</b>					628	1960
<b>Lowest annual mean</b>					117	2002
<b>Highest daily mean</b>	960	Mar 30	540	Jan 3	3,390	Oct 10, 1992
<b>Lowest daily mean</b>	40	Sep 21	29	a Jul 22	2.9	Aug 13, 2002
<b>Annual seven-day minimum</b>	42	Sep 16	34	Jul 17	7.4	Aug 9, 2002
<b>Maximum peak flow</b>			577	b Jul 29	4,360	Oct 9, 1992
<b>Maximum peak stage</b>			3.70	Jan 3	5.79	Oct 9, 1992
<b>Annual runoff (cfsm)</b>	0.612		0.547		0.998	
<b>Annual runoff (inches)</b>	8.31		7.43		13.56	
<b>10 percent exceeds</b>	342		328		654	
<b>50 percent exceeds</b>	195		178		259	
<b>90 percent exceeds</b>	71		63		93	

a Also occurred Jul. 23.

b Also occurred Jul.30.

