

**SAVANNAH RIVER BASIN  
1998 and 1999 Water Years**

**021989784 LITTLE BACK RIVER ABOVE LUCKNOW CANAL,  
NEAR LIMEHOUSE, S.C.**

**LOCATION.**--Lat 32°11'08", long 81°07'05", Jasper County, S.C., Hydrologic Unit 03060109, on a free-standing platform near the left bank, 300 feet upstream from the north control gate of Lucknow Canal, near the service road to the northern part of the Savannah National Wildlife Refuge, 1.3 miles north of the Refuge Headquarters, and 3.4 miles southwest of Limehouse, S.C.

**INSTRUMENTATION.**—USGS mini-monitor. Specific Conductance recorded at 15-minute intervals.

**PERIOD OF DAILY RECORD.**--May 1990 to current year.

**EXTREMES FOR PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 12,200 microsiemens Oct. 6, 1990; minimum recorded, 40 microsiemens on several days in January 1993, Oct. 14, 1994, and on several days in Feb. and Mar. 1998.

**EXTREMES FOR 1998 WATER YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 1830 microsiemens Aug. 6; minimum recorded, 40 microsiemens on several days in Feb. and Mar.

**EXTREMES FOR 1999 WATER YEAR.**--

**SPECIFIC CONDUCTANCE:** Maximum recorded, 2310 microsiemens Sept. 23; minimum recorded, 70 microsiemens June 29, 30.

STATION NUMBER 021989784 L. BACK R. ABOVE LUCKNOW CANAL NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321108 LONGITUDE 0810705 DATUM STATE 45 COUNTY 053

PROVISIONAL DATA (MERGED) SUBJECT TO REVISION  
 SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	590	120	210	110	240	130	70	50	70	50	90	50
2	370	120	220	90	230	140	70	50	70	50	110	50
3	330	200	200	90	210	140	70	50	70	50	180	50
4	440	180	200	100	190	130	110	50	60	50	160	50
5	380	170	210	100	150	110	70	60	60	50	210	50
6	420	150	190	110	120	100	80	60	60	50	140	50
7	370	130	260	120	140	90	70	60	60	50	180	50
8	320	140	250	110	170	110	70	60	60	50	190	50
9	380	170	230	120	180	120	80	60	60	50	160	50
10	480	180	320	160	200	120	80	50	60	50	170	50
11	500	190	360	230	180	120	70	60	60	50	160	50
12	420	250	380	250	170	120	70	60	60	50	100	40
13	500	330	370	240	180	120	70	60	60	50	70	40
14	490	330	320	180	170	110	80	60	60	40	90	40
15	440	270	200	140	140	110	70	60	60	40	130	50
16	420	220	150	110	130	100	80	60	60	40	120	40
17	410	240	130	110	130	100	80	60	60	40	100	40
18	360	230	120	100	130	100	80	60	60	50	90	40
19	300	200	110	90	110	90	80	60	60	40	130	50
20	360	180	100	80	100	80	70	60	60	40	110	50
21	220	170	100	80	100	70	70	60	60	50	60	50
22	230	160	110	90	90	70	70	60	80	40	160	50
23	240	140	110	90	90	70	70	50	60	40	120	50
24	310	180	100	90	90	70	70	50	150	50	120	50
25	330	140	150	90	100	70	70	50	140	50	100	50
26	350	170	210	100	100	70	70	50	90	50	90	50
27	290	110	320	120	90	60	70	50	80	50	170	50
28	280	100	420	150	90	60	70	50	70	50	240	40
29	300	130	410	200	80	60	70	50	---	---	160	40
30	340	140	340	180	70	60	70	50	---	---	450	60
31	260	140	---	---	70	50	70	50	---	---	210	60
MONTH	590	100	420	80	240	50	110	50	150	40	450	40



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DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	820	180	480	180	610	340	470	320	210	140	660	150
2	740	280	450	170	540	330	1050	320	490	130	730	190
3	880	500	300	150	490	330	600	320	---	---	690	240
4	930	420	340	140	470	270	390	200	---	---	640	180
5	700	320	470	150	370	210	260	150	---	---	610	190
6	470	250	270	160	340	180	290	150	640	100	580	200
7	440	230	230	160	360	160	280	160	640	90	660	150
8	410	200	180	130	370	150	250	130	610	90	220	130
9	380	190	170	110	350	130	210	130	550	100	280	120
10	370	160	150	100	350	130	170	110	490	100	180	120
11	290	140	170	100	370	150	160	110	610	100	220	120
12	230	140	310	110	360	180	150	120	640	100	160	130
13	240	150	350	140	400	180	630	130	680	100	410	130
14	250	180	380	180	450	150	590	140	670	90	750	200
15	510	170	410	140	570	140	660	150	600	110	740	280
16	500	240	440	150	660	140	740	240	590	120	930	370
17	510	340	440	170	840	240	770	420	590	120	880	650
18	600	280	440	160	810	220	700	460	480	110	800	430
19	660	190	400	180	790	340	570	290	440	110	630	290
20	540	160	380	160	600	280	460	250	410	110	460	190
21	500	170	320	150	480	240	450	230	560	110	470	160
22	600	200	250	120	430	180	450	180	380	120	570	150
23	470	200	270	140	370	160	430	180	690	130	620	150
24	650	190	260	100	420	220	420	120	390	130	550	150
25	410	170	290	110	480	230	510	120	630	140	490	150
26	300	130	320	120	470	280	530	130	640	190	600	160
27	440	120	310	110	480	300	450	140	540	220	300	150
28	460	120	340	130	530	290	460	140	720	190	510	180
29	450	130	480	160	550	270	460	140	---	---	610	220
30	380	150	600	270	440	260	440	130	---	---	490	230
31	410	130	---	---	480	250	370	130	---	---	370	240
MONTH	930	120	600	100	840	130	1050	110	720	90	930	120

