

## 02153550 NINETYNINE ISLAND RESERVOIR BELOW CHEROKEE FALLS, SC

LOCATION.--Lat 35°01'54'', long 81°29'37'', Cherokee County, Hydrologic Unit 03050105, attached to the rail on the face of the dam directly in front of the stairs, 4.0 mi southwest of Blacksburg and 5.0 mi east of Gaffney.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--October 1998 to September 2000.

GAGE.--Data collection platform. Elevation of gage is 530 ft above sea level (from topographic map).

REMARKS.--Lake is formed by concrete dam with earth embankments at each end. Lake capacity is unknown.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 103.55 ft Mar. 21, 2000; minimum elevation, 97.49 ft, Jan. 13, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 103.55 ft, Mar. 21; minimum elevation, 97.49 ft, Jan. 13.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	99.62	99.88	99.65	99.75	99.50	100.45	100.33	99.86	99.93	99.28	99.70
2	---	99.76	98.87	99.60	100.26	99.90	99.92	99.67	99.88	99.74	99.61	99.57
3	---	100.23	100.00	100.33	99.70	99.85	99.60	99.61	99.79	99.34	99.32	99.67
4	---	99.63	99.70	99.72	99.68	99.89	99.91	100.09	100.06	100.11	99.74	99.41
5	---	99.43	100.05	98.97	99.53	100.00	99.72	100.19	100.08	100.06	99.38	99.64
6	---	99.91	99.27	100.09	99.79	99.98	99.96	100.05	99.32	99.77	98.95	99.78
7	---	100.11	99.88	99.65	99.81	99.67	99.87	100.22	99.55	100.32	98.86	99.48
8	---	99.94	99.99	99.53	99.64	99.29	99.63	99.81	99.92	99.50	99.45	99.82
9	---	99.70	99.82	99.36	99.87	99.59	100.32	99.48	99.76	99.35	99.76	99.99
10	---	100.14	100.12	99.39	99.54	99.44	100.10	99.48	100.04	99.63	99.46	99.60
11	---	99.66	99.57	99.91	99.06	99.59	99.94	100.20	99.21	99.31	99.30	99.69
12	---	99.70	99.88	99.84	100.15	99.54	99.50	99.85	100.06	99.58	99.25	99.80
13	---	99.66	100.05	99.68	99.59	99.76	100.30	99.86	99.88	99.60	98.96	99.65
14	---	99.62	100.19	99.79	99.21	99.67	99.60	100.03	99.60	99.51	98.63	99.61
15	---	100.02	99.82	100.04	99.98	99.67	99.82	100.20	99.60	99.52	98.43	99.60
16	---	99.57	99.89	100.17	99.29	99.65	100.23	99.79	99.34	99.45	99.00	98.57
17	---	100.19	99.74	99.39	100.12	99.95	100.06	99.53	99.90	99.53	99.21	98.76
18	---	99.58	100.01	100.07	100.30	99.74	99.74	100.29	99.80	99.13	99.20	99.31
19	---	99.63	99.92	100.01	100.27	99.82	99.56	99.56	100.09	99.49	99.06	98.57
20	---	99.77	99.27	99.55	100.11	100.35	99.93	99.84	99.89	100.15	98.97	98.30
21	---	99.72	99.54	99.59	99.51	100.16	99.62	99.77	99.47	100.03	98.78	98.47
22	---	99.72	100.05	99.59	99.76	99.79	99.90	99.83	99.95	99.93	99.53	99.89
23	---	99.45	99.73	99.84	100.15	100.24	99.93	99.71	99.86	99.93	99.95	99.94
24	---	99.81	100.13	100.75	99.49	99.91	100.17	99.91	99.66	99.87	99.78	99.55
25	---	99.98	99.83	99.72	98.69	100.01	99.37	99.66	99.77	99.91	100.03	99.16
26	---	99.75	100.32	99.79	99.70	100.18	99.67	100.21	100.14	99.77	99.56	99.38
27	---	99.61	99.93	99.94	99.52	100.17	100.29	99.66	100.05	99.70	99.84	99.33
28	---	99.80	99.10	99.68	99.41	99.49	100.01	99.94	99.96	99.58	99.84	100.06
29	---	99.88	100.06	99.61	---	99.91	100.12	99.93	100.00	99.50	99.78	99.58
30	---	99.69	99.58	99.60	---	99.97	100.51	99.71	99.78	99.63	99.63	99.74
31	100.12	---	99.89	99.83	---	99.81	---	99.66	---	99.39	99.64	---
MEAN	100.12	99.78	99.81	99.76	99.71	99.82	99.93	99.87	99.81	99.69	99.36	99.45
MAX	100.12	100.23	100.32	100.75	100.30	100.35	100.51	100.33	100.14	100.32	100.03	100.06
MIN	100.12	99.43	98.87	98.97	98.69	99.29	99.37	99.48	99.21	99.13	98.43	98.30

## SANTEE RIVER BASIN

02153550 NINETY-NINE ISLAND RESERVOIR BELOW CHEROKEE FALLS, SC--Continued  
 GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
 DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	99.58	99.51	99.71	100.24	100.12	99.79	100.05	99.57	99.92	99.29	99.59	98.59
2	99.93	100.17	99.36	99.10	99.45	99.77	99.78	100.16	99.59	99.46	99.28	98.72
3	99.93	99.85	99.21	99.21	99.69	99.57	100.04	99.51	99.65	99.05	99.14	99.65
4	99.68	99.25	99.58	99.83	99.54	100.01	100.05	99.14	99.45	98.54	99.03	99.57
5	99.78	100.17	99.43	99.81	99.75	99.95	100.02	100.19	98.93	98.45	99.79	99.97
6	100.11	99.92	99.52	99.62	99.42	100.08	100.18	100.04	100.01	99.22	99.64	99.36
7	99.30	99.76	99.72	100.04	99.57	100.09	99.88	99.42	99.41	99.86	99.75	99.00
8	99.54	99.97	100.29	99.59	99.32	99.85	99.91	99.29	99.29	99.51	99.42	98.84
9	99.65	100.03	99.53	99.10	99.70	99.39	99.45	99.94	99.09	99.44	99.81	98.98
10	99.96	99.51	99.53	100.39	99.66	100.17	99.16	99.90	99.67	99.88	99.59	99.62
11	99.89	99.42	99.98	100.27	99.86	100.15	100.06	99.95	100.28	99.58	99.75	98.97
12	99.27	100.15	99.53	99.41	99.49	99.73	100.22	99.83	99.86	99.58	99.28	98.64
13	100.07	100.14	99.55	99.68	99.28	99.45	100.10	99.99	99.40	99.90	99.33	99.59
14	99.29	99.83	100.08	99.55	99.80	100.22	99.90	99.77	98.70	99.65	99.46	98.75
15	99.57	99.22	99.46	100.09	99.23	99.48	100.11	99.63	98.90	99.70	99.26	98.42
16	100.02	99.35	99.86	99.75	99.60	100.02	100.43	99.81	99.41	99.59	99.70	98.17
17	99.79	99.46	99.95	99.52	99.90	99.67	100.27	100.00	100.10	99.21	98.91	99.48
18	99.35	99.79	100.01	99.56	99.56	99.76	99.51	100.03	99.90	99.05	98.74	99.30
19	98.64	99.51	99.19	99.49	99.74	99.55	100.15	100.02	99.80	99.23	99.57	98.79
20	99.80	99.44	99.15	99.48	100.08	103.46	99.74	99.47	99.70	99.02	99.09	99.30
21	100.02	99.63	99.91	99.85	99.57	101.31	99.51	99.54	99.60	98.78	99.51	99.12
22	99.89	99.78	99.75	99.70	99.14	100.36	100.18	99.75	99.30	98.88	99.27	99.61
23	99.52	99.61	99.91	99.75	99.50	99.32	99.65	100.07	99.40	99.10	98.95	99.74
24	99.93	99.62	99.77	99.67	99.64	99.91	99.96	100.05	99.50	99.86	98.99	99.67
25	99.70	99.83	99.95	99.69	99.91	99.94	99.93	99.54	99.60	100.11	99.43	99.54
26	99.56	99.80	98.97	99.60	99.73	99.79	99.73	100.02	99.40	100.01	99.25	99.56
27	99.92	100.15	99.70	99.79	99.78	99.80	100.12	99.89	99.47	99.23	100.00	99.55
28	100.06	99.67	100.03	99.61	99.21	99.59	99.99	99.80	99.50	98.33	98.88	99.41
29	99.80	99.79	100.04	99.95	99.76	99.93	100.10	99.68	99.13	98.39	98.90	99.61
30	100.02	99.61	99.34	99.26	---	100.05	99.98	100.02	99.98	99.64	98.52	99.88
31	100.02	---	99.49	99.25	---	99.84	---	100.06	---	98.75	98.83	---
MEAN	99.73	99.73	99.66	99.67	99.62	100.00	99.94	99.81	99.53	99.30	99.31	99.25
MAX	100.11	100.17	100.29	100.39	100.12	103.46	100.43	100.19	100.28	100.11	100.00	99.97
MIN	98.64	99.22	98.97	99.10	99.14	99.32	99.16	99.14	98.70	98.33	98.52	98.17