

02187250 Lake HARTWELL NEAR HARTWELL, GA

LOCATION.--Lat 34°21'25'', long 82°49'20'', Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 1.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi².

PERIOD OF RECORD.--October 1959 to September 1961 (elevations and contents at end of month), October 1961 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (levels by U. S. Army Corps of Engineers). Prior to October 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 ft³ between elevations 625.0 ft (normal limit of drawdown) and 665 ft (top of spillway gates). Dead storage below 625.0 ft, 49,400,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest, 630.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 665.47 ft, Apr. 8, 1964; minimum elevation, 626.70 ft, Oct. 16, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 658.39 ft, May 8; minimum elevation, 652.31 ft, Sep. 20, 21.

ELEVATION (FEET NGVD), 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	653.95	654.07	653.51	653.83	653.95	654.09	655.85	658.25	657.67	657.22	655.35	653.01
2	654.01	654.07	653.45	653.87	653.85	654.07	656.13	658.33	657.61	657.23	655.27	653.09
3	654.11	653.95	653.45	653.89	653.77	654.04	656.43	658.29	657.63	657.15	655.25	653.11
4	654.27	653.85	653.51	653.94	653.77	654.17	656.59	658.31	657.67	657.01	655.11	653.09
5	654.32	653.73	653.62	653.79	653.81	654.23	656.62	658.29	657.61	656.97	655.17	653.11
6	654.37	653.79	653.71	653.63	653.87	654.18	656.73	658.33	657.57	656.75	655.27	653.05
7	654.39	653.85	653.82	653.67	653.83	654.11	656.79	658.37	657.49	656.53	655.23	653.03
8	654.33	653.75	653.80	653.71	653.87	654.09	656.89	658.29	657.43	656.53	655.14	652.95
9	654.33	653.67	653.71	653.99	653.84	654.07	656.99	658.21	657.33	656.65	654.88	652.97
10	654.96	653.57	653.77	654.21	653.47	654.17	657.01	658.11	657.48	656.59	654.61	652.97
11	655.43	653.49	653.83	654.24	653.44	654.31	657.07	658.01	657.49	656.51	654.39	652.91
12	655.48	653.47	653.91	654.19	653.55	654.33	657.07	657.90	657.63	656.35	654.41	652.83
13	655.39	653.51	653.95	654.15	653.65	654.31	657.13	657.95	657.53	656.21	654.41	652.67
14	655.47	653.54	654.01	654.06	653.79	654.23	657.25	657.99	657.45	656.11	654.23	652.51
15	655.37	653.53	654.03	654.06	653.76	654.21	657.35	657.93	657.35	656.13	654.25	652.63
16	655.41	653.45	653.91	654.13	653.75	654.38	657.43	657.87	657.27	656.15	654.22	652.61
17	655.45	653.29	653.92	654.07	653.77	654.52	657.39	657.85	657.35	656.05	654.05	652.61
18	655.43	653.13	654.01	653.94	653.93	654.59	657.37	657.81	657.37	655.96	654.07	652.61
19	655.29	653.07	654.07	653.87	654.05	654.69	657.33	657.73	657.41	655.85	654.03	652.53
20	655.23	653.15	653.95	653.77	654.13	655.45	657.23	657.77	657.35	655.69	654.05	652.31
21	654.97	653.19	653.90	653.75	654.11	655.57	657.27	657.81	657.23	655.51	653.95	652.42
22	654.81	653.02	653.81	653.85	654.09	655.63	657.32	657.79	657.16	655.51	653.87	652.47
23	654.83	652.87	653.73	654.09	654.05	655.65	657.39	657.77	657.09	655.53	653.79	652.51
24	654.79	652.79	653.81	654.05	653.98	655.69	657.57	657.73	657.23	655.93	653.85	652.55
25	654.69	652.99	653.81	654.03	653.99	655.79	657.61	657.67	657.23	656.15	653.89	652.47
26	654.57	653.25	653.91	653.95	654.05	655.87	657.68	657.63	657.27	656.01	653.81	652.49
27	654.33	653.39	653.93	653.83	654.17	655.85	657.67	657.59	657.27	655.83	653.75	652.41
28	654.15	653.51	653.95	653.83	654.13	655.79	657.97	657.61	657.21	655.67	653.61	652.44
29	654.09	653.53	653.83	653.96	654.09	655.73	658.15	657.59	657.23	655.65	653.44	652.49
30	654.17	653.59	653.76	654.07	---	655.78	658.22	657.71	657.17	655.69	653.26	652.51
31	654.17	---	653.73	654.03	---	655.80	---	657.75	---	655.52	653.17	---
MAX	655.48	654.07	654.07	654.24	654.17	655.87	658.22	658.37	657.67	657.23	655.35	653.11
MIN	653.95	652.79	653.45	653.63	653.44	654.04	655.85	657.59	657.09	655.51	653.17	652.31
(+)	48.19	46.93	47.23	47.88	48.01	51.81	57.39	56.29	54.94	51.18	46.02	44.62
(*)	+198	-486	+112	+243	+51.9	+1419	+2153	-411	-521	-1404	-1927	-540
CAL YR 1999	*	-105	MAX 660.07	MIN 652.79								
WTR YR 2000	*	-96.1	MAX 658.37	MIN 652.31								

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.