

02160990 PARR SHOALS RESERVOIR AT PARR, SC

LOCATION.--Lat 34°15'40'', long 81°19'55'', Fairfield County, Hydrologic Unit 03050106, at Parr Shoals Dam, on Broad River 100 ft from left edge, 2.5 mi west of Jenkinsville and at mile 201.6.

DRAINAGE AREA.--4,750 mi² (from Federal Power Commission).

PERIOD OF RECORD.--October 1984 to current year. Records prior to 1985 Water Year are in the files of the U. S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is sea level (South Carolina Electric and Gas reference mark). Prior to May 7, 1968, datum was 47.17 ft higher.

REMARKS.--Reservoir is formed by a concrete gravity dam. Project was completed in 1914. Spillway crest elevation: 257.1 ft sea level, 1,850 acres. Maximum power pool is 266 ft sea level, 4,400 acres. Reservoir water is used for cooling of nearby fossil-electric plant.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 266.98 ft, July 8, 1988; minimum elevation, 254.62 ft, Oct. 5, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 266.23 ft, Mar. 18; minimum elevation, 256.03 ft, June 25.

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	260.60	264.03	263.53	262.99	262.04	261.46	261.40	263.63	261.53	263.09	262.59	263.83
2	262.00	262.11	257.81	262.64	262.40	262.14	260.84	263.37	263.56	264.61	263.48	262.82
3	264.79	262.28	263.01	262.71	263.10	263.80	263.71	263.04	264.50	265.32	264.21	264.80
4	261.47	263.26	260.69	259.76	260.14	264.43	262.51	262.29	261.08	262.98	261.92	262.53
5	259.76	263.40	259.27	259.38	264.66	264.75	261.81	262.77	263.22	264.68	263.89	261.93
6	259.45	263.36	263.30	263.95	262.18	262.44	261.14	264.03	263.71	263.59	264.04	260.49
7	261.09	264.43	263.89	261.95	262.34	263.54	261.84	263.26	263.25	259.53	262.34	262.13
8	263.49	263.32	264.47	260.90	259.32	262.98	263.75	263.05	262.79	263.30	263.46	261.81
9	263.64	262.88	262.62	259.92	260.21	262.44	262.19	263.34	263.48	262.04	264.22	261.66
10	261.41	262.78	261.47	260.36	261.65	264.71	262.95	264.84	263.10	263.66	264.82	261.60
11	265.05	263.60	264.57	263.08	261.76	264.75	262.72	262.52	263.49	263.00	263.03	261.18
12	262.72	263.70	263.33	262.36	261.86	258.65	263.28	263.68	263.46	263.85	264.03	262.61
13	261.13	262.10	260.27	261.04	261.21	263.86	265.12	264.29	262.61	263.81	259.78	261.46
14	260.76	261.84	261.77	262.75	261.50	263.88	262.64	261.11	262.60	264.74	262.75	262.38
15	262.92	265.55	262.65	262.14	260.76	262.84	263.14	261.92	262.57	264.11	264.32	262.94
16	264.41	265.29	265.06	259.93	260.68	264.14	261.92	263.32	263.72	260.81	263.04	261.15
17	263.00	264.02	265.98	260.75	263.28	263.99	261.45	263.90	264.96	263.73	263.50	260.96
18	263.42	262.44	263.21	262.71	263.30	265.88	260.98	262.08	262.47	263.96	263.96	263.58
19	261.90	259.76	259.76	263.19	261.68	262.16	262.34	263.76	262.86	264.53	261.08	263.74
20	263.27	260.84	261.03	262.01	261.56	262.36	263.52	263.68	264.43	263.62	259.06	261.43
21	260.44	260.52	261.68	263.58	260.47	263.34	262.83	260.37	264.72	263.78	258.90	263.52
22	261.99	262.18	258.88	263.21	260.17	261.94	260.17	263.01	262.39	263.51	260.37	261.46
23	261.90	260.42	262.16	259.62	260.01	261.03	258.77	263.17	262.75	258.94	263.61	264.04
24	260.62	261.36	262.09	262.70	260.07	261.32	260.24	263.50	262.97	259.79	263.40	262.92
25	262.76	261.34	261.32	262.47	260.88	264.23	260.82	263.75	263.06	260.51	263.09	264.09
26	263.35	260.93	260.17	263.87	262.20	261.20	262.55	262.83	262.08	262.67	262.67	261.62
27	261.38	261.29	259.16	261.19	259.75	264.11	262.98	264.27	263.69	263.78	262.24	261.66
28	261.02	261.42	261.64	261.52	259.57	264.07	263.07	261.68	264.02	263.18	263.27	261.61
29	261.39	262.55	260.32	263.26	263.40	264.08	262.77	261.10	262.16	263.87	262.05	259.62
30	261.50	265.37	262.07	264.03	---	263.89	262.16	260.81	264.20	264.08	263.53	260.21
31	262.23	---	262.51	263.89	---	261.52	---	261.17	---	263.32	264.04	---
MAX	265.05	265.55	265.98	264.03	264.66	265.88	265.12	264.84	264.96	265.32	264.82	264.80
MIN	259.45	259.76	257.81	259.38	259.32	258.65	258.77	260.37	261.08	258.94	258.90	259.62
(+)	5.58	9.52	5.91	7.57	6.98	4.82	5.49	4.47	7.96	6.88	7.75	3.51
(*)	+104	+203	-180	+82.9	-31.5	-108	+34.6	-50.9	+180	-53.9	+43.4	-219

CAL YR 1999 * +12.3 MAX 265.66 MIN 257.35
WTR YR 2000 * +0.04 MAX 265.98 MIN 257.81

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.