

## SANTEE RIVER BASIN

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 mi<sup>2</sup> (from Federal Power Commission).

PERIOD OF RECORD.--October 1984 to current year.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (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. Prior to October 2003, midnight readings and month-end and annual contents were published.

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

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 266.54 ft, Dec. 6; minimum elevation, 255.93 ft, Jul. 27.

Elevation above NGVD 1929, feet  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	264.57	257.94	261.38	263.07	257.19	260.13	263.79	258.05	261.78	263.06	260.53	260.89
2	263.27	258.44	260.89	262.26	257.15	259.42	262.99	257.36	260.24	261.11	260.65	260.86
3	262.90	257.80	260.63	265.89	258.47	261.55	265.25	256.65	261.37	261.54	261.10	261.26
4	263.10	257.09	260.20	265.88	261.22	263.43	265.05	259.72	262.70	261.44	259.46	260.04
5	262.08	257.81	259.94	265.49	260.99	263.58	265.23	260.51	263.45	262.12	258.84	260.08
6	265.17	258.09	261.58	265.77	258.49	262.23	266.54	261.52	263.93	262.03	256.81	258.70
7	265.43	259.65	263.28	265.60	261.31	263.73	266.42	262.17	264.41	263.11	257.99	260.69
8	265.96	258.63	262.75	264.85	258.99	261.46	265.63	261.10	263.15	263.46	260.63	262.14
9	265.93	260.61	263.43	263.86	258.09	259.88	265.01	261.59	263.31	261.77	258.34	260.32
10	264.54	260.83	262.75	265.27	257.20	261.21	265.49	258.79	261.97	261.49	256.82	259.32
11	262.67	258.21	260.27	265.27	261.03	263.05	265.58	261.00	263.30	264.07	259.32	261.47
12	262.90	259.58	261.07	265.11	259.56	262.31	265.70	262.18	264.35	265.01	260.35	262.94
13	265.15	258.16	261.27	264.42	260.13	261.98	265.66	261.68	263.24	263.78	261.33	262.90
14	265.85	260.45	263.04	265.67	260.38	262.89	265.59	261.95	263.83	265.00	261.27	263.05
15	264.59	259.14	260.65	265.67	261.70	263.65	265.90	262.69	264.45	262.94	257.47	260.41
16	263.57	257.00	260.97	265.32	259.73	261.45	266.04	263.07	264.53	265.59	261.33	263.25
17	263.79	256.06	260.84	264.71	259.48	262.07	264.56	258.35	260.56	265.97	261.98	264.57
18	263.27	257.93	260.93	264.91	258.34	261.74	264.56	261.01	262.45	264.65	260.13	261.57
19	263.62	259.48	261.24	265.53	259.47	262.41	264.26	261.31	262.64	261.89	258.00	259.92
20	263.79	258.57	261.12	265.28	259.72	262.90	264.47	260.67	262.68	264.82	260.22	262.31
21	263.04	257.88	259.89	265.35	261.63	263.89	264.80	261.47	263.31	265.10	260.77	262.89
22	265.33	257.54	261.20	264.49	259.06	261.73	264.95	262.02	263.38	265.16	261.57	263.12
23	264.38	260.63	262.24	263.51	258.98	261.00	264.60	262.15	263.76	264.99	261.38	263.28
24	264.26	257.55	261.41	265.18	259.03	262.03	264.47	264.24	264.36	264.63	261.62	263.06
25	263.85	258.93	261.27	265.88	259.80	263.02	264.30	262.66	263.79	264.89	259.51	262.45
26	262.65	260.54	261.00	265.36	261.02	262.83	265.23	260.90	262.90	265.29	262.99	264.25
27	266.08	257.65	261.87	262.45	260.99	261.57	264.98	263.03	264.06	265.54	261.63	263.43
28	265.34	260.33	262.07	261.59	258.22	259.09	264.33	262.57	263.81	264.97	260.65	263.06
29	263.38	257.91	260.11	264.64	258.77	260.22	263.43	260.19	261.91	265.68	262.61	264.18
30	264.07	257.61	260.73	264.85	260.86	263.33	263.13	259.76	260.58	265.02	260.96	262.98
31	264.02	259.99	262.01	---	---	---	263.88	260.65	262.69	265.99	261.21	263.86
MONTH	266.08	256.06	261.36	265.89	257.15	261.99	266.54	256.65	263.00	265.99	256.81	262.04

SANTEE RIVER BASIN

02160990 PARR SHOALS RESERVOIR AT PARR, SC--Continued

Elevation above NGVD 1929, feet  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	266.10	262.92	264.33	264.49	261.93	263.26	265.76	262.48	264.20	265.98	259.35	262.86
2	266.01	260.05	263.31	264.07	263.00	263.44	265.48	262.78	264.43	265.50	259.56	262.68
3	266.25	262.23	264.62	263.80	262.39	262.91	264.07	261.57	262.76	265.67	261.15	263.11
4	266.04	262.47	264.61	264.15	261.11	261.94	263.36	258.43	260.73	265.24	261.01	262.52
5	265.73	262.51	264.60	266.31	262.57	264.30	264.52	257.54	262.10	264.87	259.70	262.28
6	264.97	261.28	262.72	265.92	260.86	261.93	265.03	262.15	263.69	265.58	258.98	261.71
7	263.89	261.16	262.08	261.94	258.74	259.70	264.13	260.41	262.64	264.39	257.28	261.13
8	262.21	259.87	260.91	264.67	259.20	261.29	264.44	261.04	262.84	265.00	257.35	261.05
9	262.85	258.57	260.77	264.31	261.31	262.75	264.72	259.43	261.91	264.90	258.38	261.28
10	264.13	258.41	262.13	265.10	261.03	262.80	264.75	258.65	261.44	264.14	257.22	260.43
11	264.01	260.36	262.42	265.10	261.55	263.83	264.20	257.87	260.47	264.76	257.52	261.58
12	265.13	261.91	263.60	264.67	261.25	262.37	264.17	258.67	261.19	265.07	258.42	261.95
13	265.60	262.90	264.62	264.15	261.53	262.40	265.69	259.98	263.25	264.86	260.25	262.81
14	264.27	260.59	262.36	263.71	259.57	261.02	264.90	260.81	263.00	265.13	259.48	262.48
15	264.93	260.57	262.45	264.81	258.26	261.79	---	260.21	---	265.51	260.16	263.15
16	264.72	259.84	262.25	266.01	260.73	263.47	265.37	---	---	264.65	257.71	261.73
17	265.66	258.98	262.94	265.44	261.05	263.06	265.77	259.08	262.41	265.06	256.99	261.51
18	265.77	262.68	264.51	264.89	261.15	263.34	265.42	257.61	261.63	265.64	257.19	261.70
19	265.79	263.42	264.83	265.71	261.83	263.91	265.95	259.46	262.23	265.81	258.43	262.04
20	265.69	263.90	264.87	265.59	260.64	263.05	265.90	260.43	262.78	265.61	258.33	262.57
21	265.12	263.27	264.24	265.36	260.68	261.98	265.60	258.40	262.69	265.48	259.23	262.77
22	265.54	260.50	263.16	266.11	257.96	262.39	264.84	257.16	261.20	265.41	258.63	262.41
23	264.82	261.66	263.56	265.97	260.36	263.35	266.17	258.44	262.06	265.14	258.69	262.04
24	264.14	259.57	261.81	264.25	262.85	263.58	265.13	258.21	261.72	265.01	257.14	261.65
25	262.58	259.55	260.72	264.77	258.89	261.81	264.85	257.32	261.21	265.45	257.67	262.01
26	265.75	262.37	264.57	265.91	260.75	262.75	266.00	258.86	262.40	265.93	257.57	262.42
27	265.90	261.69	264.33	265.76	264.43	264.95	264.49	259.39	261.86	265.08	258.64	262.16
28	266.08	262.56	264.70	265.22	263.07	263.79	265.02	259.12	261.91	265.31	259.99	263.00
29	265.10	261.46	263.68	263.91	259.75	260.89	263.91	259.69	261.51	265.82	258.19	262.31
30	---	---	---	264.69	258.63	261.52	265.52	257.47	261.61	265.39	257.23	261.67
31	---	---	---	265.76	259.66	262.61	---	---	---	265.86	257.41	262.69
MONTH	266.25	258.41	263.30	266.31	257.96	262.65	---	---	---	265.98	256.99	262.12

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	266.11	256.99	261.86	265.99	257.81	262.37	266.09	257.57	262.01	266.08	260.48	263.14
2	265.47	258.35	262.46	265.67	257.82	262.40	266.11	259.54	263.72	265.50	261.11	262.88
3	265.38	257.77	261.89	265.98	257.62	262.11	266.02	256.41	262.18	266.00	257.63	261.69
4	264.80	257.60	261.94	266.04	258.22	262.67	266.23	256.74	261.56	265.35	257.07	261.86
5	265.54	257.55	261.97	266.05	257.40	262.97	265.56	256.79	261.74	265.67	257.56	262.12
6	265.46	257.35	261.88	265.45	256.73	261.41	264.71	257.61	261.52	265.99	257.36	261.88
7	265.67	257.55	262.32	265.51	256.91	261.71	264.08	258.23	261.43	265.88	258.36	261.62
8	265.89	256.94	261.79	265.37	256.24	261.41	265.39	257.15	260.92	264.83	260.33	261.36
9	265.60	257.36	261.83	265.38	256.83	261.63	265.22	256.99	260.76	262.87	261.40	262.15
10	265.79	256.54	262.00	265.11	256.95	261.94	264.60	256.46	260.68	263.14	262.85	263.02
11	266.05	257.87	262.61	265.36	256.50	261.11	265.31	256.33	261.15	262.87	260.02	261.42
12	266.03	259.55	262.81	265.04	256.31	261.04	264.94	257.39	260.95	265.61	259.54	262.13
13	264.01	258.86	261.28	265.53	256.12	261.39	266.04	256.66	260.79	265.39	258.42	261.23
14	265.33	258.43	261.75	266.03	257.39	261.70	265.39	262.63	264.04	265.84	257.84	261.56
15	265.40	258.10	262.22	265.58	257.68	261.79	263.97	256.52	259.86	266.17	258.50	261.56
16	265.38	257.61	262.04	265.52	257.00	261.49	265.49	257.36	261.02	264.42	257.47	261.47
17	265.98	257.43	262.39	265.55	256.78	261.89	265.15	256.70	260.84	265.73	256.72	261.89
18	265.88	256.61	261.95	264.70	257.46	260.97	265.08	256.68	261.38	265.43	260.32	263.01
19	265.65	257.60	262.80	265.67	256.55	261.51	265.74	258.05	262.15	264.27	261.84	263.13
20	265.03	256.62	261.58	265.75	257.18	262.43	265.44	259.41	262.93	263.29	261.55	262.63
21	264.21	256.68	260.62	266.11	256.82	261.54	266.01	257.93	262.86	265.27	258.83	261.43
22	265.89	257.11	261.72	265.72	256.63	261.66	266.03	257.83	262.29	266.07	256.89	260.79
23	266.03	257.12	261.92	265.81	256.19	262.06	265.89	258.17	261.95	266.27	257.83	262.01
24	265.47	257.48	261.42	265.69	257.77	262.68	265.32	257.74	261.49	266.01	257.72	261.64
25	265.94	256.21	262.29	265.82	256.40	261.86	266.24	257.01	261.61	266.09	257.32	261.82
26	265.97	258.49	262.46	265.12	259.14	262.60	265.81	259.67	262.50	266.32	258.29	262.41
27	264.94	257.18	261.67	266.14	255.93	261.62	265.23	259.46	262.36	265.96	260.30	263.97
28	265.83	257.27	261.35	265.99	257.68	262.76	265.94	256.87	261.91	265.50	262.32	263.36
29	266.28	257.51	262.32	265.45	257.37	261.69	266.18	257.99	262.25	263.06	259.25	260.10
30	265.73	256.68	261.77	266.01	257.31	262.96	265.57	260.50	263.42	262.69	258.35	260.21
31	---	---	---	266.01	258.07	262.52	265.99	257.54	261.70	---	---	---
MONTH	266.28	256.21	261.96	266.14	255.93	261.93	266.24	256.33	261.81	266.32	256.72	261.98