

02111391 W. KERR SCOTT RESERVOIR AT DAM NEAR WILKESBORO, NC

LOCATION.--Lat 36°08'01", long 81°13'36", Wilkes County, Hydrologic Unit 03040101, at W. Kerr Scott Dam on Yadkin River, 0.1 mi upstream from Fish Trap Creek, 2.0 mi upstream from Millers Creek, and 4.0 mi west of Wilkesboro.

DRAINAGE AREA.--367 mi².

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--August 1962 to current year.

GAGE.--Water-stage recorder and staff gage at dam. Datum of gage is 1,000 ft above NGVD of 1929. U.S. Army Corps of Engineers telephone and satellite telemetry at station.

REMARKS.--Records good. Lake is used for flood control, low-flow augmentation, recreation, and water supply. Some storage was affected during construction in July 1962, but gates were closed Aug. 22, 1962. Reservoir reached normal pool elevation on Jan. 19, 1963. Total capacity at elevation 1,075.0 ft is 6,664,680,000 ft³ of which 4,878,720,000 ft³ is controlled flood storage.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 61.20 ft, Nov. 7, 1977; minimum gage height, 19.85 ft, Nov. 26, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 35.19 ft, July 8; minimum gage height, 28.20 ft, Sept. 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.70	30.20	30.15	30.17	30.18	30.50	30.30	30.25	30.06	30.26	30.17	29.98
2	30.28	30.15	30.02	30.18	30.10	30.18	30.71	30.20	30.47	30.23	30.07	30.02
3	30.18	30.19	30.06	30.10	30.24	30.01	30.59	30.14	30.54	30.34	30.00	30.11
4	30.22	30.52	30.13	30.04	30.30	30.14	30.29	30.08	30.24	30.24	30.03	30.16
5	30.24	30.87	30.15	30.06	30.20	30.19	30.23	30.10	30.04	30.06	30.02	30.11
6	30.22	30.37	30.15	30.07	30.12	30.22	30.10	30.15	30.08	30.11	30.00	30.08
7	30.18	30.13	30.20	30.08	30.17	30.23	30.06	30.17	30.15	30.80	30.04	30.05
8	30.12	30.22	30.23	30.07	30.19	30.22	30.09	30.11	30.32	34.87	30.09	30.06
9	30.10	30.28	30.27	30.07	30.12	30.07	30.14	30.07	30.32	34.44	30.11	30.07
10	30.11	30.27	30.70	30.04	30.12	30.02	30.01	30.15	30.02	33.26	30.17	29.95
11	30.10	30.24	30.44	30.05	30.10	30.02	30.18	30.09	30.20	31.93	30.17	29.82
12	30.11	30.23	30.28	30.07	30.05	30.05	30.25	29.99	30.14	31.18	30.12	29.67
13	30.34	30.77	30.17	30.11	30.00	30.07	30.24	30.06	30.46	30.11	30.11	29.53
14	30.53	30.72	30.04	31.95	30.01	30.12	30.58	30.15	31.92	30.15	30.14	29.38
15	30.44	30.34	30.12	31.70	30.02	30.12	30.49	30.21	31.11	30.20	30.15	29.24
16	30.15	30.21	30.18	30.85	30.00	30.05	30.25	30.12	30.21	30.93	30.13	29.10
17	30.06	30.06	30.23	30.48	29.99	30.10	30.33	30.06	30.10	31.18	30.10	28.98
18	30.19	30.06	30.34	30.30	29.98	30.09	30.17	30.06	30.16	30.72	30.66	28.93
19	30.27	30.14	30.34	30.23	30.00	30.10	30.07	30.06	30.19	30.34	30.98	28.90
20	30.30	30.10	30.14	30.18	30.03	30.14	30.12	30.20	30.29	30.19	30.47	28.86
21	30.17	30.04	30.07	30.14	30.14	30.15	30.14	30.14	30.36	30.14	29.93	28.82
22	30.12	30.05	30.16	30.08	30.24	30.12	30.03	30.05	30.32	30.02	29.95	28.76
23	30.14	30.11	30.83	29.99	30.29	30.33	30.08	30.14	30.20	29.93	30.06	28.70
24	30.15	30.23	32.37	29.90	30.35	30.74	30.03	30.16	30.08	30.01	30.09	28.63
25	30.15	31.55	31.73	30.00	30.28	30.36	30.04	30.09	30.10	30.18	30.04	28.55
26	30.10	31.88	30.73	30.14	30.15	30.26	30.03	30.06	30.11	30.23	30.01	28.49
27	30.08	31.20	30.18	30.19	30.07	30.38	30.06	30.09	30.12	30.19	30.02	28.46
28	30.17	30.47	30.20	30.15	30.22	32.29	30.06	30.09	30.13	30.17	30.03	28.41
29	30.26	30.07	30.18	30.18	---	33.85	30.15	30.07	30.19	30.03	30.02	28.33
30	30.26	30.16	30.12	30.36	---	32.78	30.24	30.06	30.32	29.93	30.07	28.25
31	30.26	---	30.07	30.50	---	31.22	---	30.04	---	30.03	30.10	---
MEAN	30.22	30.39	30.35	30.27	30.13	30.49	30.20	30.11	30.30	30.72	30.13	29.28
MAX	30.70	31.88	32.37	31.95	30.35	33.85	30.71	30.25	31.92	34.87	30.98	30.16
MIN	30.06	30.04	30.02	29.90	29.98	30.01	30.01	29.99	30.02	29.93	29.93	28.25

