

NEUSE RIVER BASIN

02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC

LOCATION.--Lat 35°56'27", long 78°34'57", Wake County, Hydrologic Unit 03020201, on intake tower 50 ft upstream from Falls Lake dam, and 0.3 mi northwest of Falls and 235 mi upstream from mouth.

DRAINAGE AREA.--771 mi².

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--February 1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level. U.S. Corps of Engineers satellite telemetry at station.

REMARKS.--Lake used for flood control, water supply, low-flow augmentation, and recreation. Temporary filling began May 1981 for water supply for city of Raleigh during drought conditions. Gates were closed on Jan. 13, 1983 and normal pool elevation of 250.1 ft was recorded Dec. 7, 1983. Total capacity of reservoir is 4,998,074,000 ft³ at elevation of 250.1 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum, 264.34 ft, Oct. 1, 2, 1999; minimum, 242.78 ft, Nov. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum, 259.50 ft, Apr. 3-5; minimum, 249.54 ft, Dec. 17, Jan. 19.

COOPERATION.--Extremes for period of record provided by U.S. Army Corps of Engineers.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	251.52	250.47	249.96	249.87	249.86	251.34	257.82	251.57	251.09	251.42	251.97	251.29
2	251.49	250.44	249.95	249.86	249.86	251.35	258.89	251.54	251.68	251.37	251.97	251.30
3	251.46	250.40	249.94	249.81	249.82	251.36	259.36	251.51	251.85	251.30	251.95	251.27
4	251.43	250.38	249.90	249.79	249.79	251.52	259.48	251.48	251.78	251.26	251.91	251.24
5	251.41	250.35	249.87	249.78	249.83	251.79	259.46	251.45	251.72	251.26	251.88	251.21
6	251.40	250.31	249.83	249.77	249.80	251.94	259.28	251.41	251.71	251.22	251.84	251.19
7	251.37	250.28	249.81	249.74	249.78	251.89	258.98	251.36	251.70	251.18	251.80	251.19
8	251.31	250.25	249.78	249.75	249.76	251.84	258.61	251.33	251.68	251.16	251.75	251.18
9	251.28	250.21	249.75	249.77	249.75	251.83	258.23	251.29	251.65	251.17	251.69	251.16
10	251.22	250.24	249.74	249.72	249.77	251.76	257.82	251.26	251.61	251.16	251.64	251.14
11	251.18	250.18	249.69	249.69	249.72	251.71	257.39	251.23	251.56	251.14	251.69	251.12
12	251.14	250.13	249.71	249.68	249.72	251.70	256.94	251.22	251.53	251.09	252.15	251.08
13	251.11	250.09	249.64	249.67	249.74	251.75	256.49	251.21	251.49	251.05	252.22	251.04
14	251.08	250.12	249.62	249.65	249.75	251.75	256.03	251.16	251.56	251.01	252.31	251.01
15	251.05	250.10	249.61	249.64	249.77	251.77	255.55	251.10	251.71	250.96	252.10	250.94
16	251.03	250.06	249.61	249.62	249.79	251.80	255.09	251.16	251.71	250.91	251.82	250.88
17	250.99	250.06	249.82	249.60	250.21	251.86	254.57	251.15	251.72	250.85	251.67	250.81
18	250.96	250.02	249.95	249.60	250.67	251.88	254.09	251.15	251.71	250.80	251.62	250.76
19	250.93	250.01	249.99	249.60	250.81	251.86	253.70	251.14	251.68	250.79	251.58	250.71
20	250.89	250.02	250.04	249.72	250.93	251.86	253.50	251.12	251.65	250.75	251.55	250.69
21	250.85	250.02	250.00	249.85	251.01	252.85	253.42	251.10	251.62	250.69	251.53	250.71
22	250.82	249.96	250.03	249.87	251.07	254.32	253.20	251.09	251.59	250.63	251.48	250.67
23	250.78	249.92	249.99	249.90	251.11	254.78	252.81	251.11	251.66	250.56	251.43	250.64
24	250.75	249.90	249.98	249.89	251.13	254.87	252.48	251.07	251.65	250.51	251.42	250.63
25	250.71	249.93	249.99	249.93	251.18	254.74	252.21	251.04	251.62	250.47	251.37	250.72
26	250.68	250.03	249.95	249.88	251.26	254.46	251.93	251.07	251.58	250.43	251.33	250.69
27	250.66	250.04	249.94	249.90	251.28	254.08	251.71	251.10	251.56	250.87	251.31	250.67
28	250.63	250.03	249.93	249.86	251.32	253.71	251.66	251.09	251.54	251.52	251.32	250.62
29	250.58	250.01	249.91	249.84	---	253.85	251.62	251.09	251.51	251.67	251.29	250.57
30	250.55	250.02	249.92	249.86	---	255.53	251.59	251.07	251.47	251.85	251.27	250.51
31	250.51	---	249.90	249.87	---	257.04	---	251.04	---	251.94	251.29	---
MEAN	251.02	250.13	249.86	249.77	250.30	252.74	255.46	251.22	251.62	251.06	251.68	250.92
MAX	251.52	250.47	250.04	249.93	251.32	257.04	259.48	251.57	251.85	251.94	252.31	251.30
MIN	250.51	249.90	249.61	249.60	249.72	251.34	251.59	251.04	251.09	250.43	251.27	250.51

02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC--Continued

