

Water-Data Report 2009

02329900 LAKE TALQUIN NEAR BLOXHAM, FL

Ochlockonee Basin
Lower Ochlockonee Subbasin

LOCATION.--Lat 30°23'15", long 84°38'35" referenced to North American Datum of 1927, Leon County, FL, Hydrologic Unit 03120003, at left upstream end of C.H. Corn Hydroelectric Dam on Ochlockonee River, 1.0 mi northwest of Bloxham, and 3.5 mi downstream from Oklawaha Creek.

DRAINAGE AREA.--1690.00 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1930 to September 1950 (month-end contents only, published only in WSP 1304); October 1951 to September 1960 (month-end elevations and contents); October 1960 to September 1982, March 1985 to September 1992 (month-end elevations, contents and daily elevations); October 1992 to current year, daily elevations.

REVISED RECORDS.--WSP 1905, WRD FL-76-4: Drainage area.

GAGE.--Nonrecording gage and water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor. Reservoir is formed by concrete dam with riprapped earth embankments. Spillway is equipped with seven taintor gates, each 16ft high by 25 ft wide. Storage began in June 1929; water in lake first reached minimum operating level January 1930. Usable capacity, 69,800 acre-ft between elevations, 60.0 ft, minimum operating level, and 68.5 ft, top of closed taintor gates. Dead storage is unknown. Contents are available by request.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 99,400 acre-ft, Sept. 22, 1969, elevation, 71.16 ft; maximum instantaneous elevation, 71.60 ft, Sept. 22, 1969; minimum daily elevation after January 1930, 48.70 ft, Oct. 22,23, 1957 (earth embankment breached).

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 84,600 acre-ft, April 3, elevation, 69.90 ft; minimum daily contents, 58,900 acre-ft, April 1, elevation, 67.38 ft.

02329900 LAKE TALQUIN NEAR BLOXHAM, FL—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 68.69 | 68.58 | 68.53 | 68.62 | 68.54 | 68.33 | 67.53 | 68.49 | 68.50 | 68.56 | 68.63 | 68.59 |
| 2 | 68.69 | 68.59 | 68.44 | 68.54 | 68.54 | 68.47 | 68.31 | 68.58 | 68.47 | 68.50 | 68.70 | 68.62 |
| 3 | 68.64 | 68.59 | 68.53 | 68.49 | 68.51 | 68.65 | 69.63 | 68.61 | 68.46 | 68.46 | 68.65 | 68.54 |
| 4 | 68.61 | 68.57 | 68.64 | 68.47 | 68.51 | 68.70 | 68.69 | 68.60 | 68.53 | 68.46 | 68.59 | 68.46 |
| 5 | 68.60 | 68.54 | 68.60 | 68.45 | 68.48 | 68.74 | 68.47 | 68.54 | 68.63 | 68.46 | 68.49 | 68.45 |
| 6 | 68.57 | 68.51 | 68.49 | 68.43 | 68.48 | 68.75 | 68.63 | 68.51 | 68.64 | 68.54 | 68.45 | 68.50 |
| 7 | 68.56 | 68.48 | 68.48 | 68.43 | 68.48 | 68.58 | 68.42 | 68.46 | 68.58 | 68.58 | 68.44 | 68.54 |
| 8 | 68.58 | 68.46 | 68.48 | 68.46 | 68.52 | 68.46 | 68.41 | 68.50 | 68.48 | 68.61 | 68.55 | 68.56 |
| 9 | 68.53 | 68.41 | 68.48 | 68.50 | 68.56 | 68.48 | 68.51 | 68.54 | 68.48 | 68.54 | 68.60 | 68.57 |
| 10 | 68.51 | 68.41 | 68.43 | 68.49 | 68.54 | 68.57 | 68.45 | 68.60 | 68.50 | 68.47 | 68.57 | 68.60 |
| 11 | 68.49 | 68.44 | 68.42 | 68.51 | 68.49 | 68.58 | 68.51 | 68.57 | 68.57 | 68.51 | 68.52 | 68.58 |
| 12 | 68.45 | 68.49 | 68.48 | 68.52 | 68.49 | 68.54 | 68.42 | 68.53 | 68.59 | 68.57 | 68.57 | 68.49 |
| 13 | 68.47 | 68.58 | 68.43 | 68.52 | 68.47 | 68.53 | 68.50 | 68.46 | 68.61 | 68.59 | 68.57 | 68.40 |
| 14 | 68.46 | 69.01 | 68.45 | 68.52 | 68.61 | 68.53 | 68.13 | 68.42 | 68.58 | 68.62 | 68.60 | 68.43 |
| 15 | 68.45 | 68.57 | 68.54 | 68.52 | 68.58 | 68.51 | 67.99 | 68.45 | 68.55 | 68.65 | 68.72 | 68.49 |
| 16 | 68.45 | 68.43 | 68.62 | 68.55 | 68.52 | 68.54 | 68.05 | 68.48 | 68.52 | 68.63 | 68.47 | 68.52 |
| 17 | 68.45 | 68.53 | 68.63 | 68.52 | 68.46 | 68.59 | 68.28 | 68.55 | 68.53 | 68.61 | 68.10 | 68.61 |
| 18 | 68.47 | 68.58 | 68.66 | 68.52 | 68.44 | 68.61 | 68.48 | 68.66 | 68.63 | 68.53 | 68.21 | 68.63 |
| 19 | 68.49 | 68.49 | 68.70 | 68.57 | 68.54 | 68.63 | 68.58 | 68.63 | 68.66 | 68.51 | 68.41 | 68.50 |
| 20 | 68.47 | 68.44 | 68.65 | 68.56 | 68.61 | 68.65 | 68.46 | 68.64 | 68.63 | 68.56 | 68.57 | 68.50 |
| 21 | 68.45 | 68.49 | 68.56 | 68.55 | 68.56 | 68.66 | 68.49 | 68.58 | 68.61 | 68.58 | 68.59 | 68.52 |
| 22 | 68.47 | 68.48 | 68.46 | 68.52 | 68.51 | 68.64 | 68.44 | 68.57 | 68.58 | 68.54 | 68.55 | 68.51 |
| 23 | 68.52 | 68.55 | 68.43 | 68.49 | 68.49 | 68.61 | 68.42 | 68.56 | 68.58 | 68.52 | 68.51 | 68.45 |
| 24 | 68.65 | 68.57 | 68.49 | 68.47 | 68.50 | 68.59 | 68.41 | 68.60 | 68.68 | 68.53 | 68.48 | 68.38 |
| 25 | 68.62 | 68.56 | 68.55 | 68.48 | 68.58 | 68.57 | 68.42 | 68.60 | 68.64 | 68.55 | 68.46 | 68.40 |
| 26 | 68.55 | 68.51 | 68.57 | 68.47 | 68.57 | 68.60 | 68.42 | 68.40 | 68.58 | 68.55 | 68.48 | 68.43 |
| 27 | 68.55 | 68.47 | 68.55 | 68.48 | 68.48 | 68.61 | 68.47 | 68.38 | 68.53 | 68.60 | 68.53 | 68.51 |
| 28 | 68.55 | 68.48 | 68.50 | 68.49 | 68.37 | 68.11 | 68.46 | 68.44 | 68.54 | 68.62 | 68.56 | 68.50 |
| 29 | 68.54 | 68.53 | 68.50 | 68.55 | --- | 67.98 | 68.43 | 68.48 | 68.56 | 68.60 | 68.59 | 68.46 |
| 30 | 68.56 | 68.53 | 68.49 | 68.57 | --- | 68.34 | 68.45 | 68.55 | 68.59 | 68.56 | 68.58 | 68.44 |
| 31 | 68.59 | --- | 68.57 | 68.55 | --- | 68.23 | --- | 68.56 | --- | 68.54 | 68.57 | --- |
| Mean | 68.54 | 68.53 | 68.53 | 68.51 | 68.52 | 68.53 | 68.43 | 68.53 | 68.57 | 68.55 | 68.53 | 68.51 |
| Max | 68.69 | 69.01 | 68.70 | 68.62 | 68.61 | 68.75 | 69.63 | 68.66 | 68.68 | 68.65 | 68.72 | 68.63 |
| Min | 68.45 | 68.41 | 68.42 | 68.43 | 68.37 | 67.98 | 67.53 | 68.38 | 68.46 | 68.46 | 68.10 | 68.38 |

02329900 LAKE TALQUIN NEAR BLOXHAM, FL—Continued

