



Water-Data Report 2012

281443081140501 Local number Ashton Forestry Tower Well at Ashton, FL.

Floridan aquifer system
Floridan Aquifer System

Osceola County, FL

LOCATION.--Lat 28°14'43", long 81°14'05" referenced to North American Datum of 1927, in NW ¼ NW ¼ NE ¼ sec.8, T.26 S., R.31 E., Osceola County, FL, Hydrologic Unit 03090101, located 301 ft south of U.S. Highway 192, 0.5 mi east of State Highway 15 at Forestry Tower in Ashton. Owner: U.S. Forestry Department.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 400 ft. Upper casing diameter 4 in; top of first opening undefined, bottom of last opening undefined. Drilled, domestic, artesian well, casing length unknown.

DATUM.--Land-surface datum is 74.79 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.2 ft above land-surface datum, May 4, 1973, to present.

PERIOD OF RECORD.--May 1973 to November 1979 (about thrice yearly); September 1980 to September 1992 (semiannually); February 1993 to September 1994 (monthly); May 1995 to September 2001 (semiannually); October 2001 to current year (monthly).

GAGE.--Monthly measurement with steel or electric tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.10 ft above NGVD of 1929, Nov. 5, 1973; lowest measured, 39.54 ft above NGVD of 1929, May 15, 2000.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[Measurement method: S, steel tape. Water-level status: - - , static.]

| Date | Water level | Measure-ment method | Water-level status | Date | Water level | Measure-ment method | Water-level status |
|--------|-------------|---------------------|--------------------|--------|-------------|---------------------|--------------------|
| Oct 31 | 46.58 | S | -- | Apr 26 | 42.61 | S | -- |
| Nov 30 | 46.36 | S | -- | May 30 | 42.98 | S | -- |
| Jan 3 | 45.69 | S | -- | Jun 28 | 44.86 | S | -- |
| 30 | 44.63 | S | -- | Jul 30 | 44.87 | S | -- |
| Feb 27 | 44.42 | S | -- | Aug 29 | 45.89 | S | -- |
| Mar 28 | 43.97 | S | -- | Sep 27 | 46.84 | S | -- |

Water year 2012 lowest: 42.61, Apr 26, 2012, highest: 46.84, Sep 27, 2012