



Water-Data Report 2010

275955080434601 Local number 759-043-02 PLATT WELL NEAR MELBOURNE, FL

Floridan aquifer system
 Floridan Aquifer System
 Brevard County, FL

LOCATION.--Lat 27°59'55", long 80°43'46" referenced to North American Datum of 1927, in NW ¼ NE ¼ NE ¼ sec.4, T.29 S., R.36 E., Brevard County, FL, Hydrologic Unit 03080203, on south side of extension of State Highway 514, 3.5 mi west of State Highway 509, and 9.5 mi southwest of Melbourne.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 447 ft. Upper casing diameter 4 in; top of first opening 125 ft, bottom of last opening 447 ft. Drilled, irrigation, artesian well, cased to 125 ft.

PERIOD OF RECORD.--August 1934, July 1942, November 1946 (annually); May 1947 to December 1949 (semiannually); January 1950 to November 1975 (bimonthly); December 1977 to September 1983 (bimonthly); October 1983 to September 2004 (monthly); May 2005 to September 2010 (semiannually), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.53 ft above NGVD of 1929, Aug. 14, 1934; lowest water level measured, 33.53 ft above NGVD of 1929, June 26, 2000.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[Measurement method: G, pressure gage; H, calibrated pressure gage. Water-level status: - - , static.]

| Date | Water level | Measure-ment method | Water-level status | Date | Water level | Measure-ment method | Water-level status |
|--------|-------------|---------------------|--------------------|--------|-------------|---------------------|--------------------|
| May 24 | 39.8 | G | -- | Sep 13 | 40.0 | H | -- |

Water year 2010 lowest: 39.8, May 24, 2010, highest: 40.0, Sep 13, 2010