



Water-Data Report 2010

304005081380201 Local number N-121 Becker Oil Test Supply Well near Yulee, FL

Floridan aquifer system
 Floridan Aquifer System
 Nassau County, FL

LOCATION.--Lat 30°40'05", long 81°38'02" referenced to North American Datum of 1927, in sec.50, T.3 N., R.27 E., Nassau County, FL, Hydrologic Unit 03070205, 0.2 ft east of Yulee Fire Tower, 0.42 mi southeast of intersection of U.S. Highway 17 and Parker Road, and 3.0 mi northwest of Yulee. Owner: ITT Rayonier Incorporated.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 645 ft. Upper casing diameter 4 in; top of first opening 460 ft, bottom of last opening 645 ft. Drilled, unused, artesian well, cased to 460 ft.

DATUM.--Land-surface datum is 21.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.82 ft above land-surface datum, April 25, 2003, to present. Prior to April 2003, land-surface datum was 0.08 ft lower. Prior to April 2003, measuring point was 1.45 ft above land surface datum.

PERIOD OF RECORD.--May 1984, August 1985, August 1994 to February 2008 (monthly); March 2008 to March 2010, (discontinued).

GAGE.--Water-stage recorder and data-collection platform--60-minute interval.

REMARKS.--Record is equivalent to that for N-53 (304002081381201), available February 1940 to June 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.6 ft above NGVD of 1929, Feb. 22, 2006, Mar. 22, 2006; lowest measured, 23.2 ft above NGVD of 1929, July 24, 2000.

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

[Measurement method: 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
Oct 7	33.5	H	--	May 17	34.9	H	--
Jan 7	34.4	H	--	Sep 13	32.2	H	--
Mar 3	36.1	H	--				

Water year 2010 lowest: 32.2, Sep 13, 2010, highest: 36.1, Mar 3, 2010

304005081380201 Local number N-121 Becker Oil Test Supply Well near Yulee, FL—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	33.8	33.4	33.6	34.3	35.1	36.1	---	---	---	---	---	---
2	33.8	33.4	33.8	34.2	35.3	36.5	---	---	---	---	---	---
3	33.8	33.3	33.8	34.5	35.2	---	---	---	---	---	---	---
4	33.7	33.3	33.6	34.6	35.2	---	---	---	---	---	---	---
5	33.7	33.3	33.7	34.5	35.6	---	---	---	---	---	---	---
6	33.7	33.2	33.6	---	35.7	---	---	---	---	---	---	---
7	33.6	33.3	33.7	---	35.5	---	---	---	---	---	---	---
8	33.6	33.3	33.9	34.4	35.5	---	---	---	---	---	---	---
9	33.6	33.3	34.1	---	35.7	---	---	---	---	---	---	---
10	33.6	33.5	33.8	---	35.6	---	---	---	---	---	---	---
11	33.5	33.7	33.6	---	35.5	---	---	---	---	---	---	---
12	33.6	33.6	33.8	---	35.8	---	---	---	---	---	---	---
13	33.4	33.8	34.0	---	35.7	---	---	---	---	---	---	---
14	33.6	33.7	34.1	34.4	35.6	---	---	---	---	---	---	---
15	33.8	33.7	34.1	34.4	35.8	---	---	---	---	---	---	---
16	33.7	33.7	33.9	34.7	35.7	---	---	---	---	---	---	---
17	33.5	33.7	34.0	34.8	36.0	---	---	---	---	---	---	---
18	33.4	33.7	34.5	34.7	35.7	---	---	---	---	---	---	---
19	33.3	33.6	34.2	34.7	35.8	---	---	---	---	---	---	---
20	33.4	33.6	34.1	34.8	35.8	---	---	---	---	---	---	---
21	33.4	33.6	34.0	35.0	35.8	---	---	---	---	---	---	---
22	33.5	33.7	34.1	35.1	36.0	---	---	---	---	---	---	---
23	33.5	33.6	34.1	34.9	36.1	---	---	---	---	---	---	---
24	33.5	33.5	34.3	35.3	35.9	---	---	---	---	---	---	---
25	33.4	33.4	34.4	35.3	35.8	---	---	---	---	---	---	---
26	33.3	33.7	34.2	35.0	---	---	---	---	---	---	---	---
27	33.4	33.6	34.2	34.9	36.0	---	---	---	---	---	---	---
28	33.4	33.6	34.2	35.0	36.0	---	---	---	---	---	---	---
29	33.3	33.7	34.1	35.1	---	---	---	---	---	---	---	---
30	33.4	33.7	34.2	35.4	---	---	---	---	---	---	---	---
31	33.5	---	34.4	35.0	---	---	---	---	---	---	---	---
Max	33.8	33.8	34.5	---	---	---	---	---	---	---	---	---
Min	33.3	33.2	33.6	---	---	---	---	---	---	---	---	---

304005081380201 Local number N-121 Becker Oil Test Supply Well near Yulee, FL—Continued

