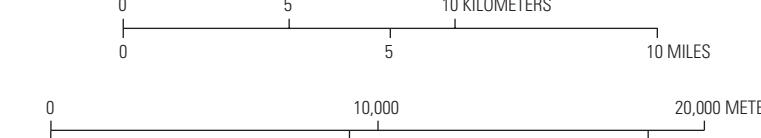


Base from U.S. Geological Survey digital data
State Plane Florida East, Datum NAD 83

SCALE 1 to 100,000



- 25 — Line of equal altitude—Shows altitude of the upper contact of the Ocala Limestone, in feet relative to NGVD 29. Dashed where approximately located or inferred. Contour interval is 25 feet. Fleatures indicate a depression
- Depression—Indicates outermost extent of a depression
- Well location and altitude—Well number in black. Altitude of the upper contact of the Ocala Limestone, in feet relative to NGVD 29, in red. ND is not determined. Data source number in blue
- Source of interpretation for altitude of upper formation contacts—Well location and altitude—altitude determined in this study or previous U.S. Geological Survey study
- Well location and altitude—altitude determined in non-U.S. Geological Survey previous study (see table A2 for source reference)

EXPLANATION

Data source(s) available and used, in blue:

- 1 Gamma ray geophysical log and lithologic description. A full suite of geophysical logs is also commonly available
- 2 Gamma ray geophysical log without a lithologic description. A full suite of geophysical logs may also be available
- 3 Resistivity geophysical logs only and lithologic description. Resistivity logs are from older type tools such as the conventional electrical resistivity
- 4 Resistivity geophysical logs only without a lithologic description. Resistivity logs are from older type tools
- 5 Lithologic description only

Seismic-reflection data collected in Lake Okechobee and the St. Lucie Canal

- Seismic-reflection profile line and number
- Square symbol indicates bottom location of interpreted fault on seismic profiles (Collier Consulting, Inc., 2007)
- Faults
- Inferred fault; D is downthrown side, and U is upthrown side

5 Interpretation for the altitude of the base of Peace River Formation erosional cut on seismic profile 1 in this area (Collier Consulting, Inc., 2007) not used for the altitude of the upper contact of Arcadia Formation

Upper contact of Arcadia Formation

By
Ronald S. Reese
2014

Any use of trade, product, or firm names in this publication is for descriptive purposes only and does not imply endorsement by the U.S. Government.
This map was prepared on an electronic plotter directly from digital files. Dimensional calibration may vary between electronic plotting and between A and P. Dimensions on the same plotter, and paper may change size due to atmospheric conditions, therefore, scale and proportion may not be true on parts of this map.
For sale by U.S. Geological Survey, Information Services, Box 2008, Federal Center, Denver, CO 80202.
1-888-ASK-USGS
Digital files available at <http://dx.doi.org/10.3133/si3288>
Suggested Citation: Reese, R.S., 2014, Hydrogeologic framework and petrologic structure of the Florida aquifer system and interpretations correlated with the Lake Okechobee area, Florida: U.S. Geological Survey Scientific Investigations Map 3288, scale 1:250,000 [http://dx.doi.org/10.3133/si3288].
ISSN 2229-102X (online)