

Map Book: Potentiometric Surface of the Upper Floridan Aquifer from 2011 to Present

Produced by the Hydrologic Data Section, Data Collection Bureau
Southwest Florida Water Management District (SWFWMD)

This map book was produced to provide all of the SWFWMD-centric Upper Florida Aquifer potentiometric surface maps in one file. Each individual book page is a 24"-x-36" map which may be viewed or printed on a large-format color printer. Data for these maps were provided through the FGS potentiometric surface mapping project (see below) but mapped to show only that area in and around SWFWMD boundaries and to include other features of interest, such as public-supply wellfields.

Additional maps and electronic data (GIS shapefiles/geodatabases) are available from the following sources:

Pre-Development through 2011: Digital data and maps were produced by the United States Geological Survey (USGS), in cooperation with the SWFWMD. Electronic versions of printable maps prior to September 2011 are available from the [USGS Publications Warehouse](#). September 2011 is included in this map book as it was produced by SWFWMD.

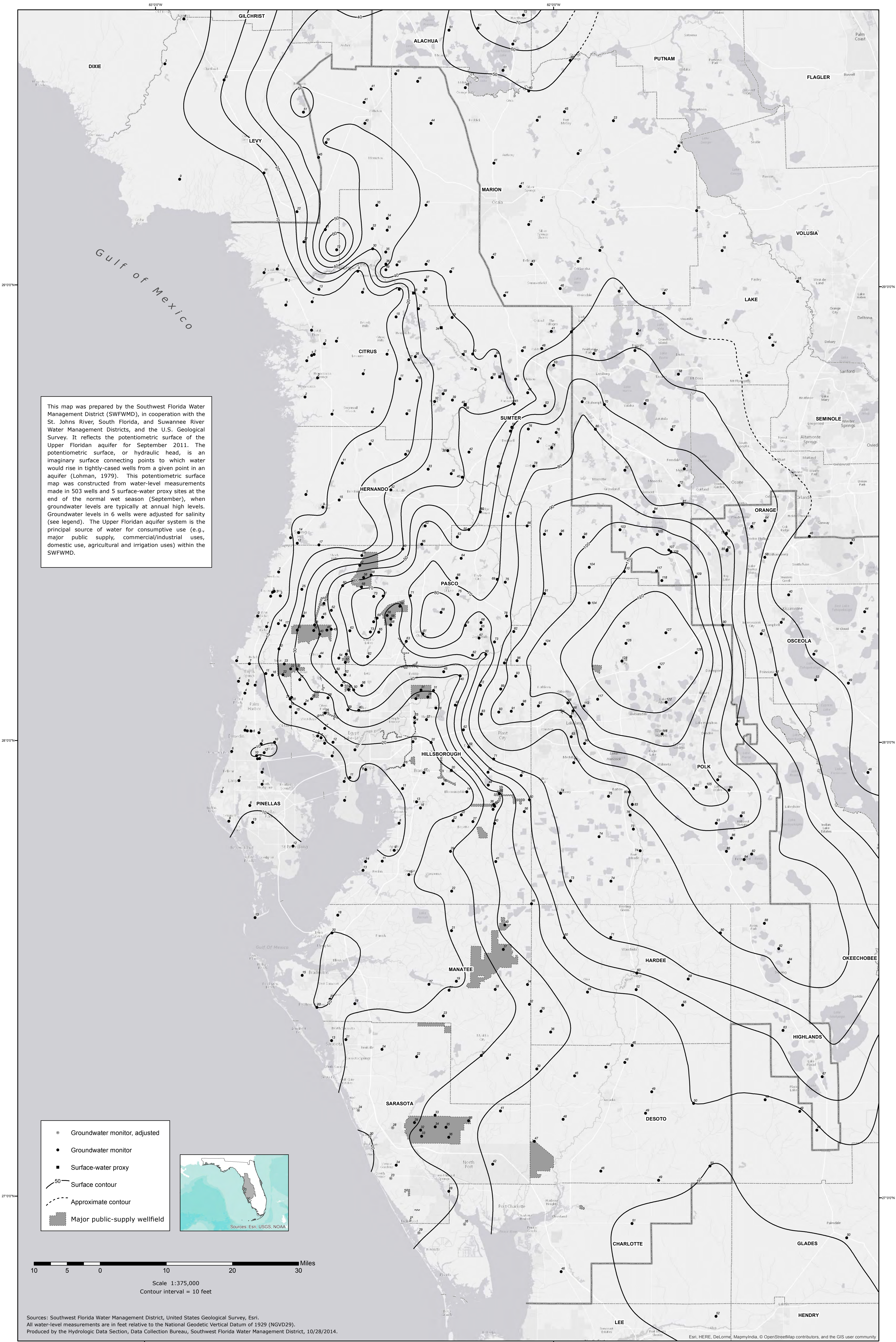
Digital spatial data of potentiometric surface contours are available from the SWFWMD Open Data Portal here: <http://data-swfwmd.opendata.arcgis.com/> (Hydrography group).

2012 to Present: The Florida Geological Survey (FGS), a division of the Florida Department of Environmental Protection (FDEP), began producing the Upper Florida Potentiometric Surface maps in May 2012, with the cooperation of Florida's Water Management District, the USGS, and additional agencies. Digital spatial data for these surfaces are available from the [FDEP GeoData Directory](#). A link in each map's metadata information will take you to the publication-quality PDF for that surface.

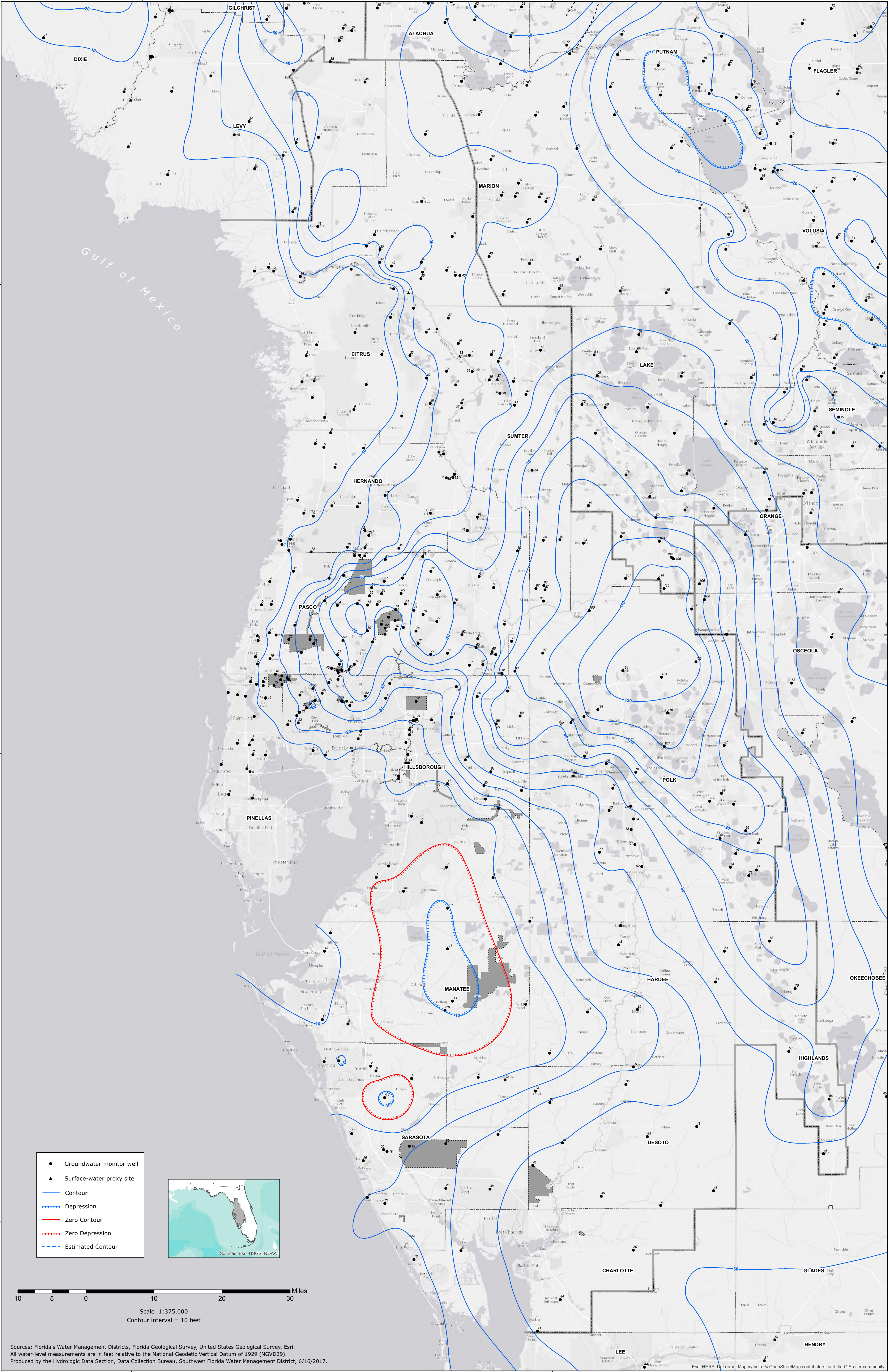
This map book will be updated twice a year for May and September maps. Exact time of update will depend on the FGS and SWFWMD workloads. Questions about these maps should be addressed to the [Chief Data Analyst](#) in the Hydrologic Data Section, SWFWMD.

For more information about what the potentiometric surface represents and how it is mapped, please see [Ground-Water Hydraulics](#), USGS Professional Paper 708 (1979), by S.W. Lohman.

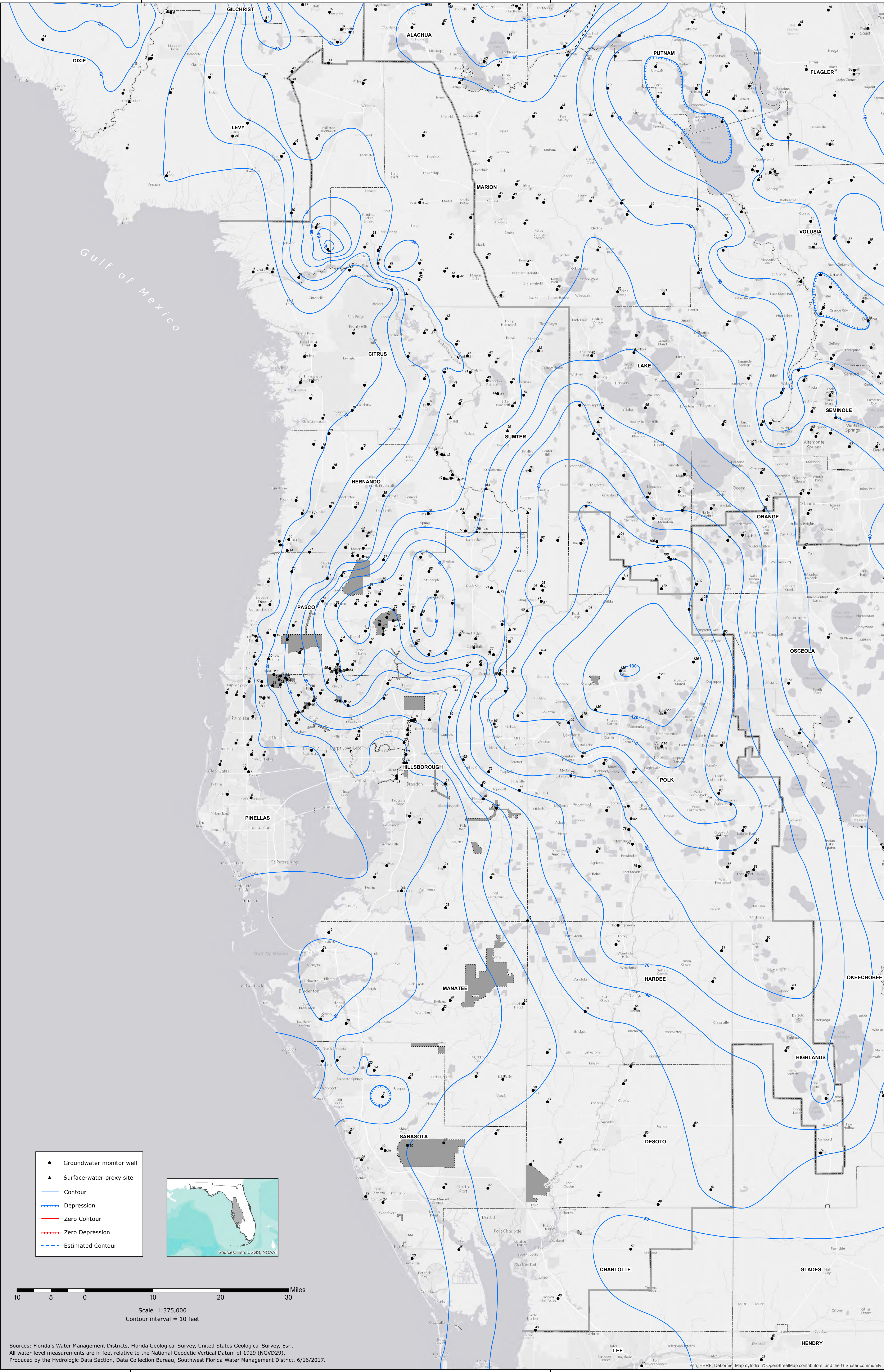
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - September 2011



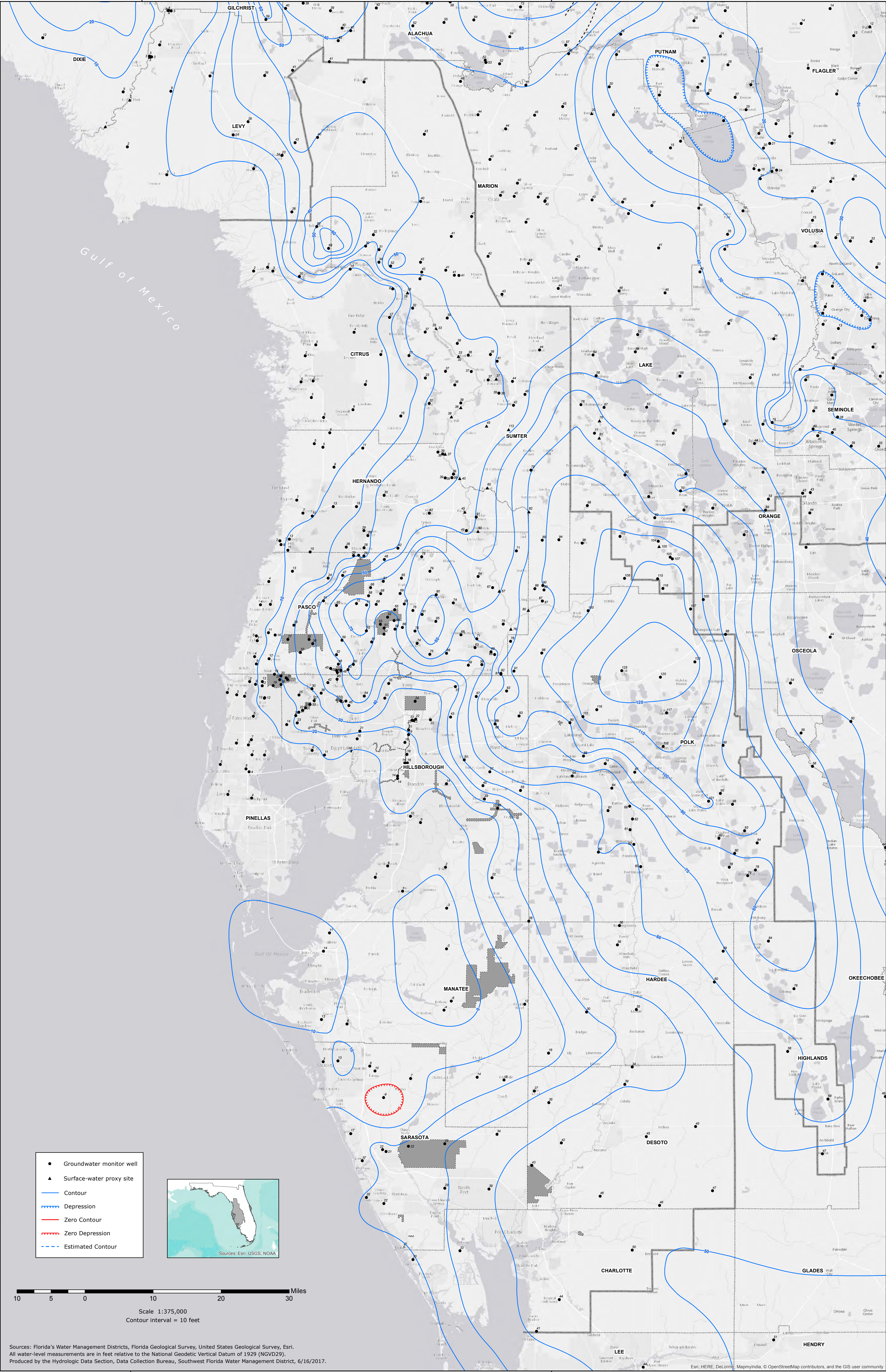
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - May 2012



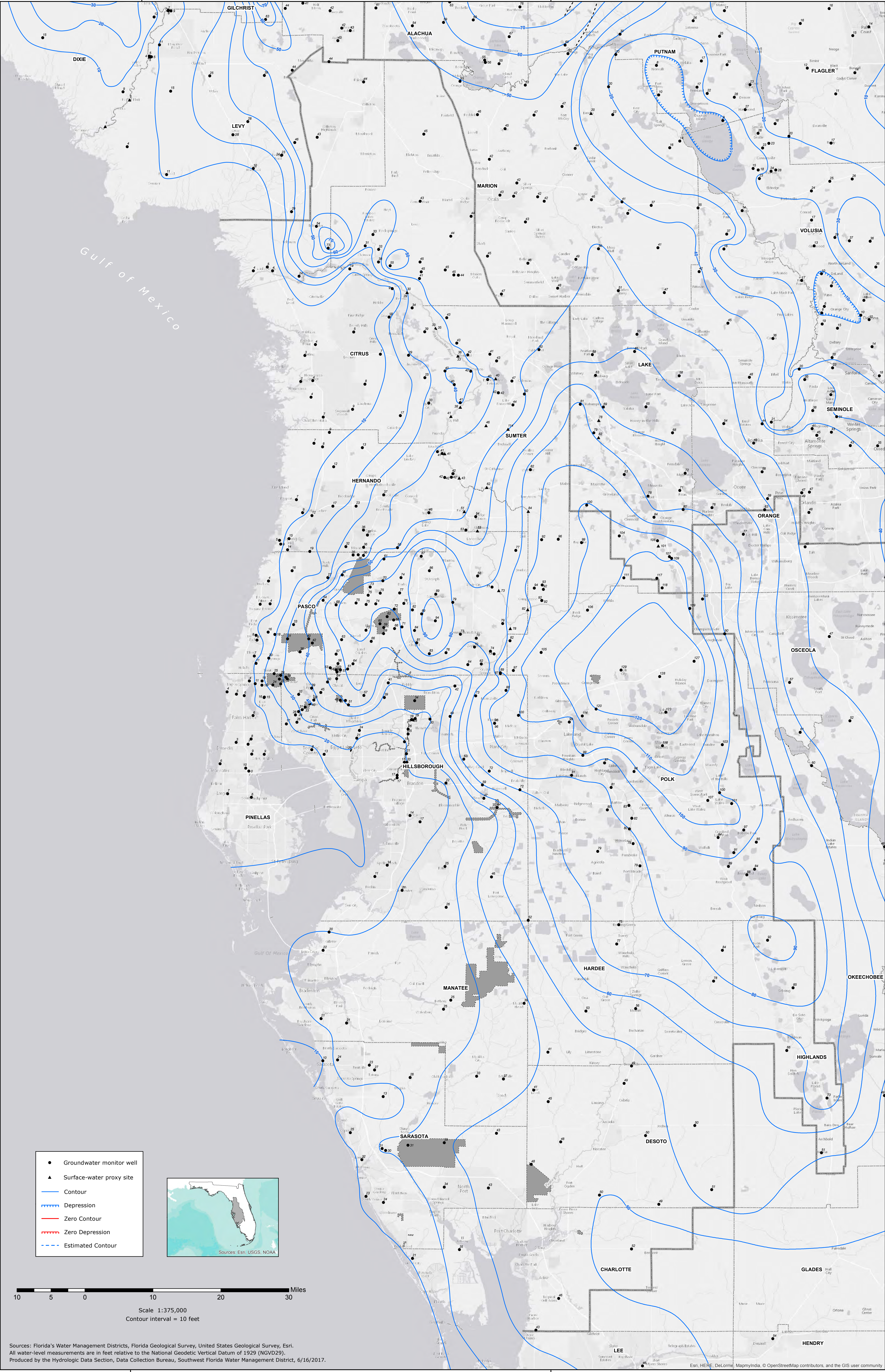
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - September 2012



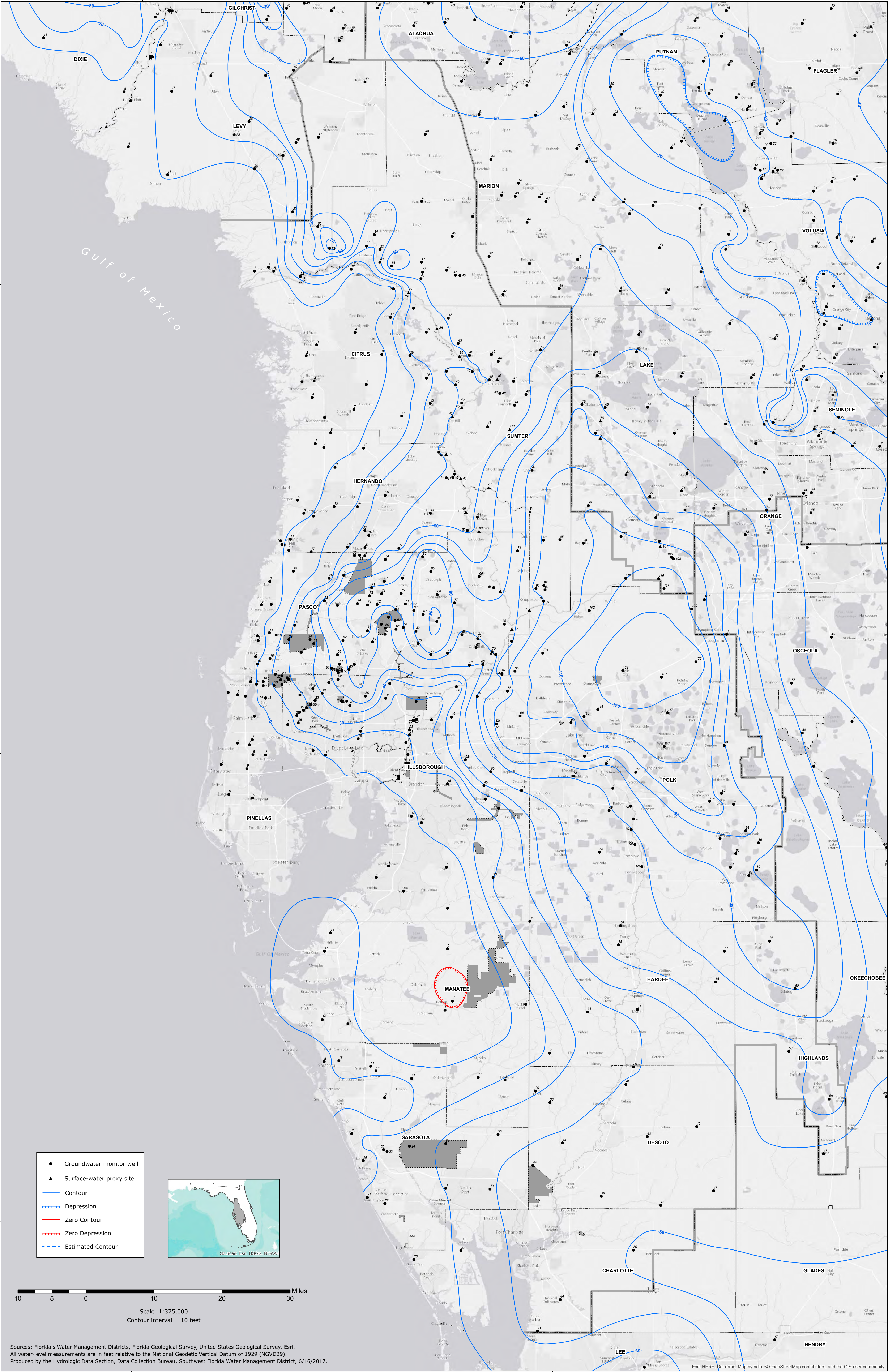
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - May 2013



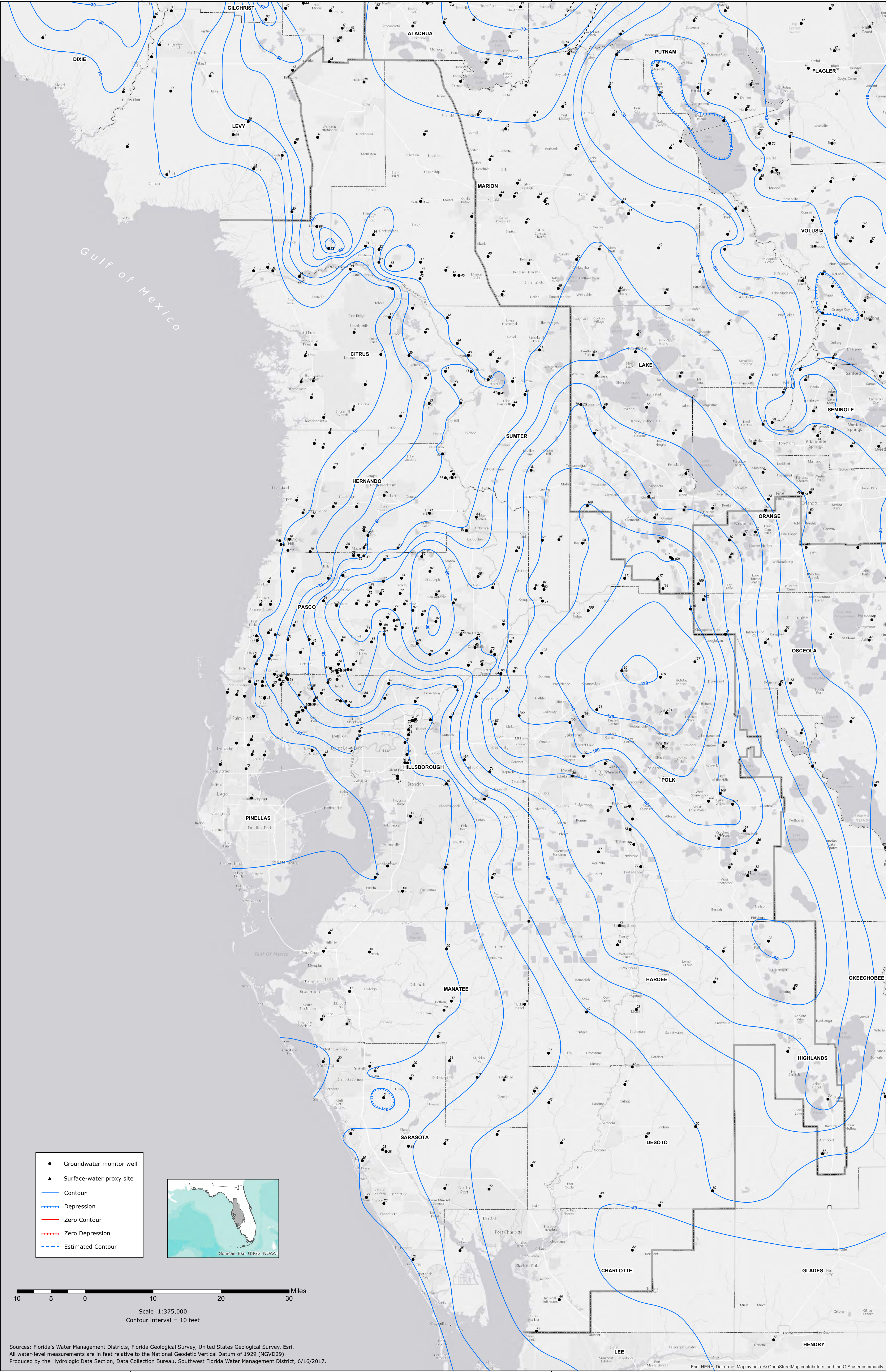
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - September 2013



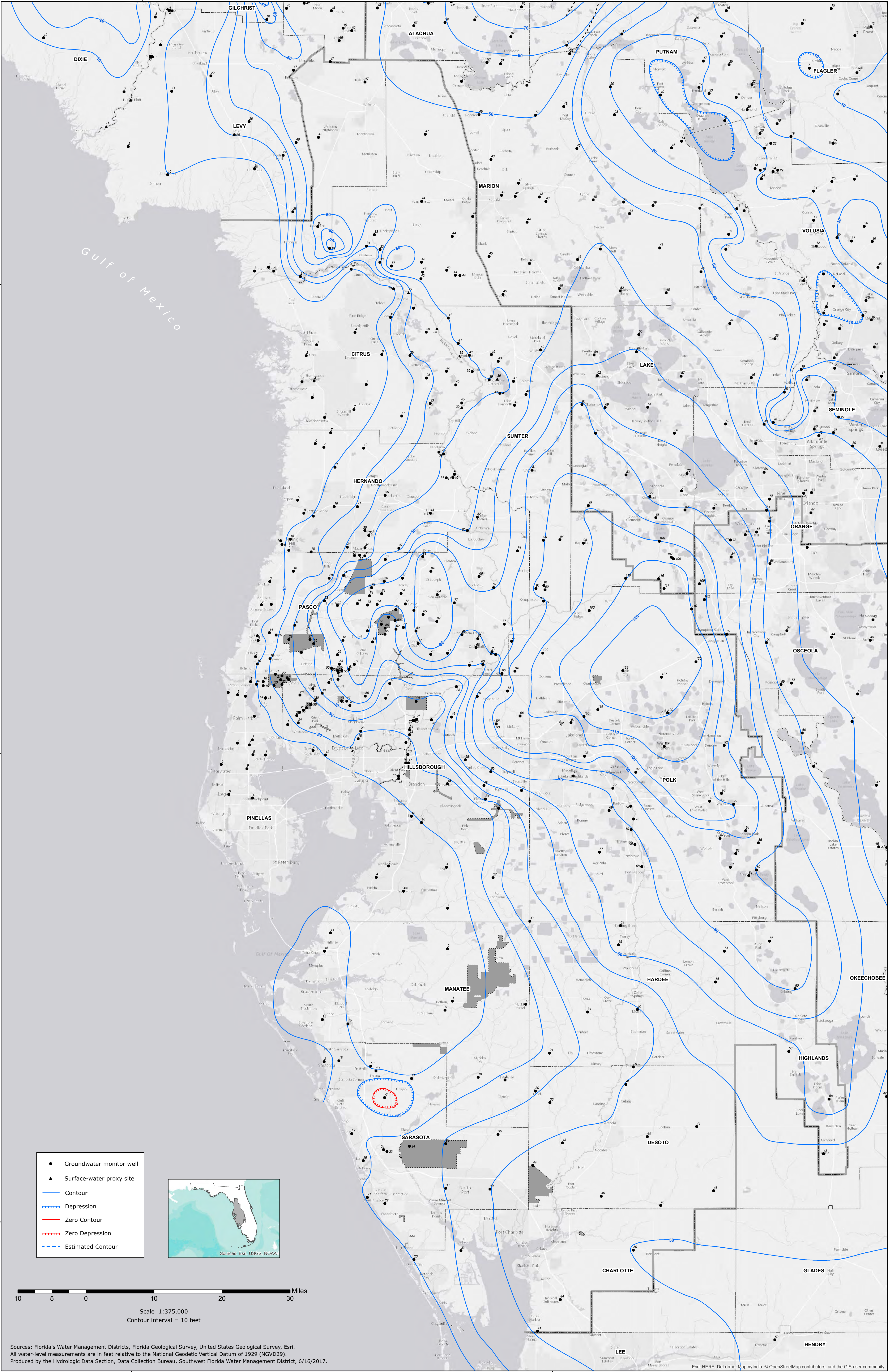
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - May 2014



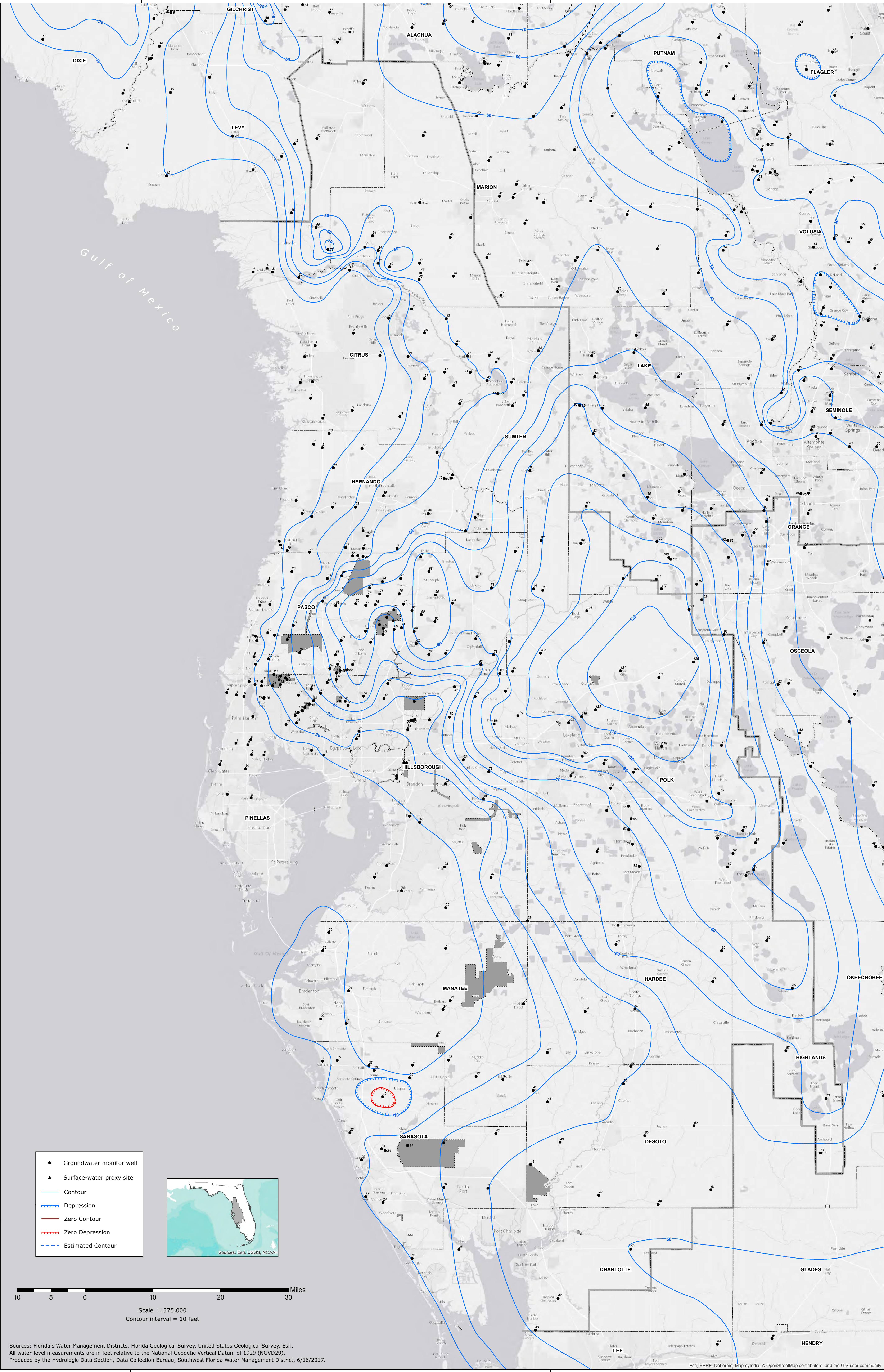
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - September 2014



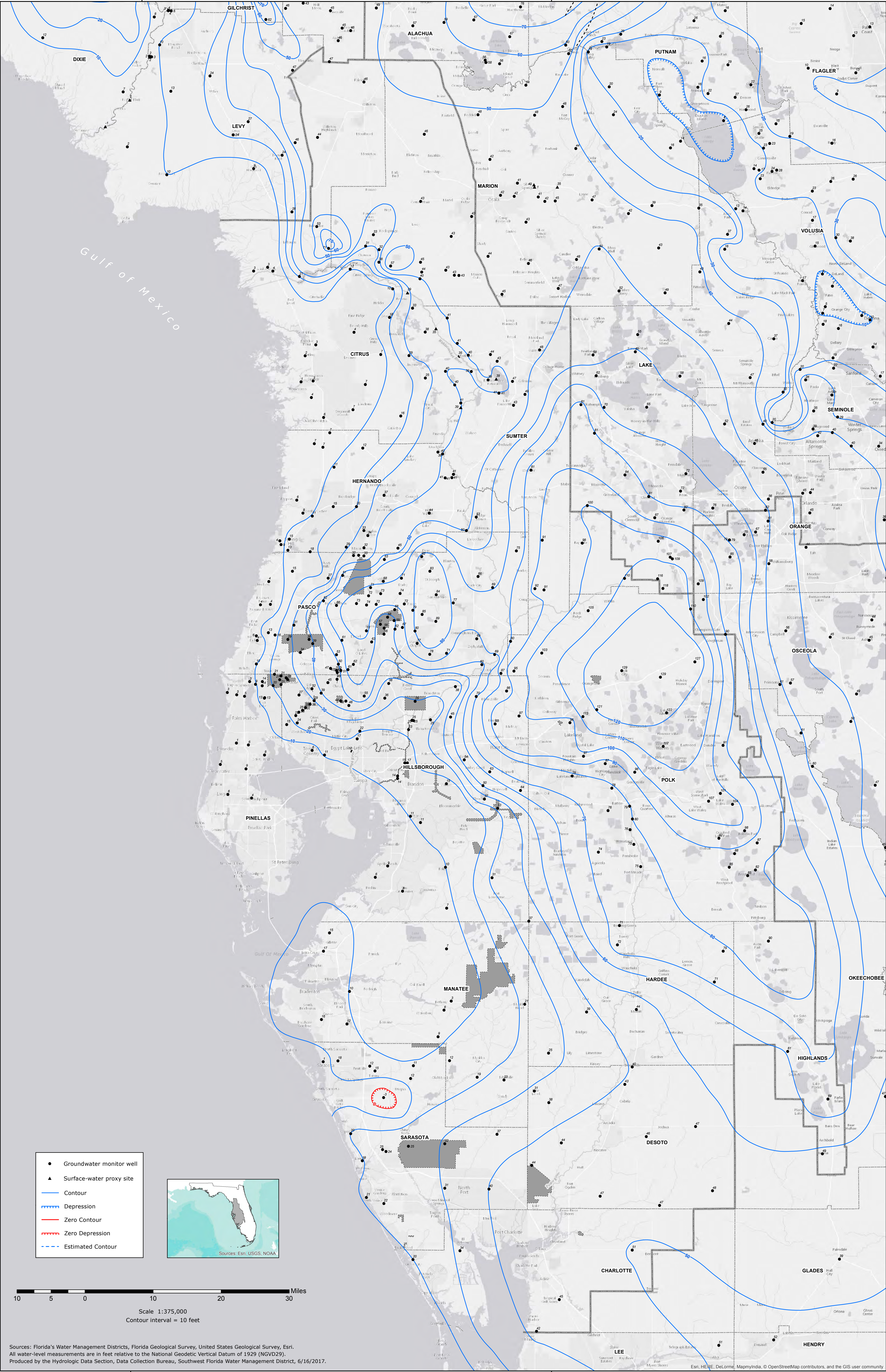
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - May 2015



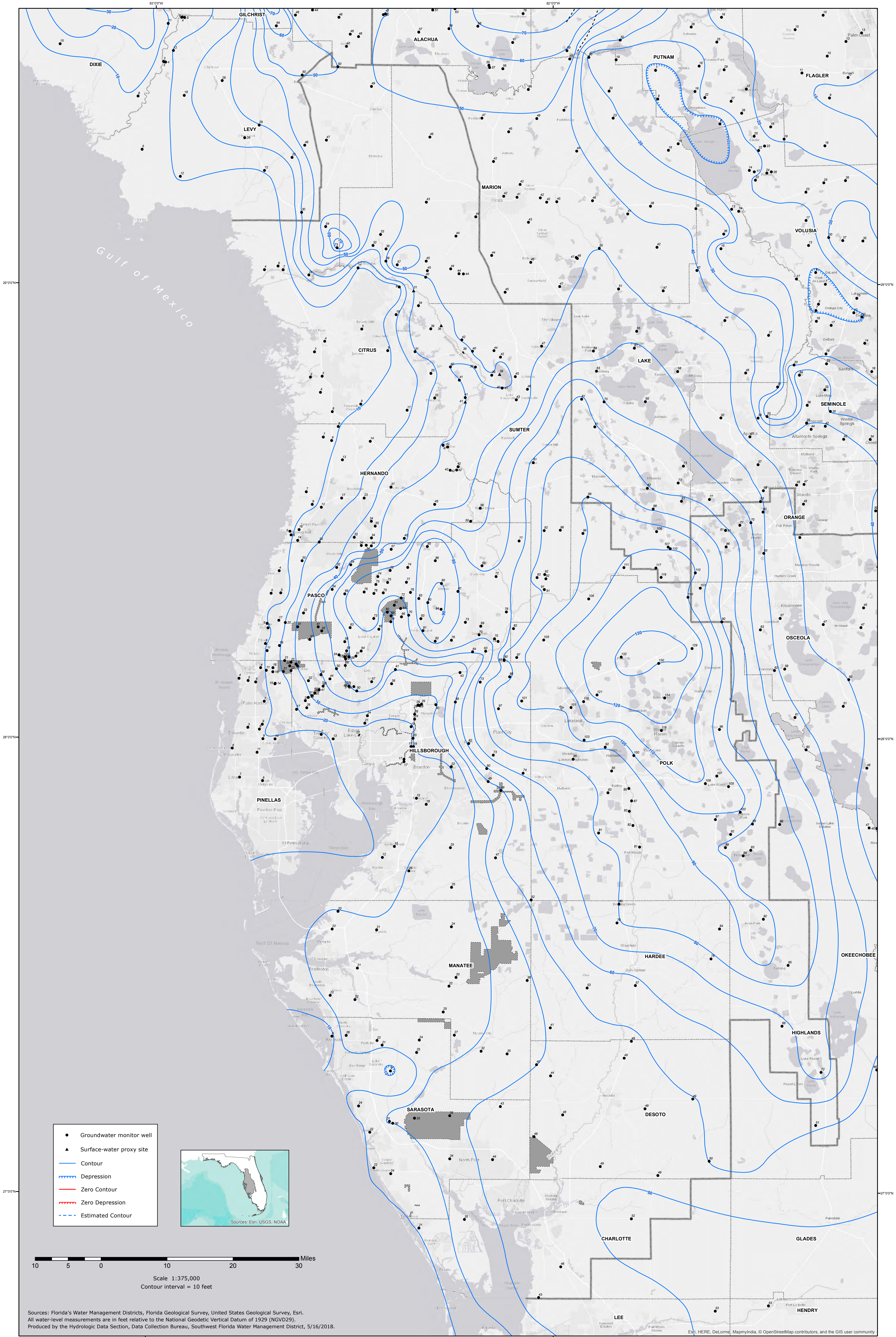
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - September 2015



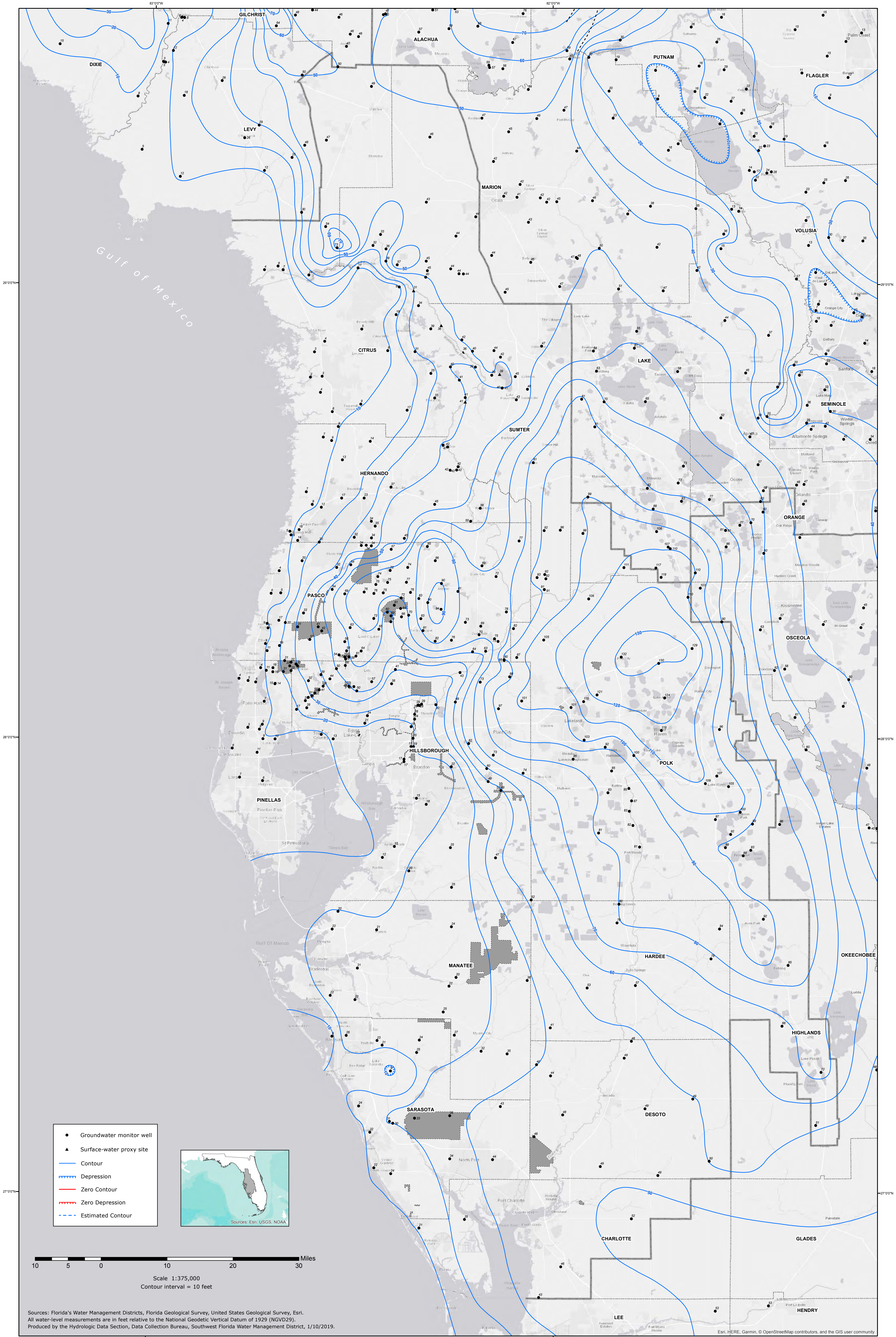
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - May 2016



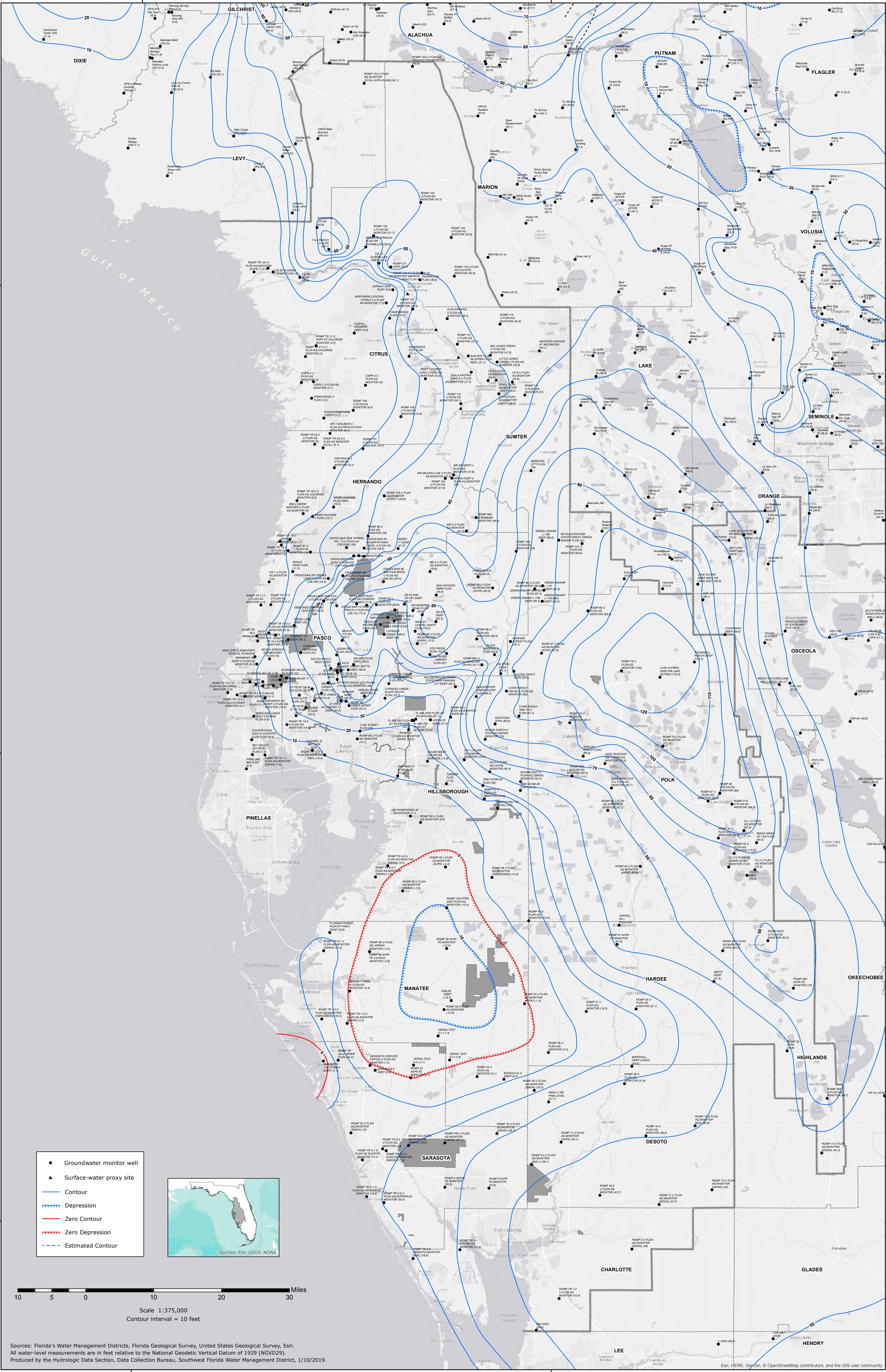
Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - September 2016



Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - September 2016



Potentiometric Surface of the Upper Floridan Aquifer within the Southwest Florida Water Management District - May 2017



Sources: Florida's Water Management Districts, Florida Geological Survey, United States Geological Survey, Esri.
All water-level measurements are in feet relative to the National Geodetic Vertical Datum of 1929 (NGVD29).
Produced by the Hydrologic Data Section, Data Collection Bureau, Southwest Florida Water Management District, 1/10/2019.

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