



EXPLANATION

- POTENTIOMETRIC CONTOUR—Shows altitude at which water level would have stood in tightly cased wells. Contours indicate depressions. Contour intervals 5, 10, 20 and 40 feet. Datum is National Geodetic Vertical Datum of 1929 (NGVD).
- WELL—Number is altitude of water level above or below NGVD
- SPRING
- STATE WATER MANAGEMENT DISTRICT BOUNDARY
  - SRWMD—St. Johns River Water Management District
  - SWRMD—Suwannee River Water Management District
  - SFWMD—South Florida Water Management District
  - SWFWMD—Southwest Florida Water Management District
- SUBBASIN BOUNDARY WITHIN THE SWFWMD

NOTE: The potentiometric contours are generalized to portray synoptically the head in a dynamic hydrologic system taking due account of the variations in hydrogeologic conditions such as differing depths of wells, nonsimultaneous measurements of water levels, variable effects of pumping, and changing climatic influence. The potentiometric contours thus may not conform exactly with individual measurements of water level. Contours are not shown in Marion, Glades, eastern Highlands, Okeechobee, and St. Lucie Counties because there, many wells tap both the Upper Floridan aquifer and the Miocene intermediate aquifer system above. As a result water levels may be a composite of the heads of both systems and thus are not exclusively representative of the Upper Floridan.

POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER IN THE ST. JOHNS RIVER  
WATER MANAGEMENT DISTRICT AND VICINITY, FLORIDA, SEPTEMBER 1985

By  
G. R. Schiner and E. C. Hayes  
1985

Copies of this map can be purchased from:

Open File Services Section  
U. S. Geological Survey  
Box 25425, Federal Center  
Denver, Colorado 80225  
Telephone: (303) 234-5888