PIEZOMETRIC SURFACE AND AREAS OF ARTESIAN FLOW
OF THE FLORIDAN AQUIFER IN FLORIDA
JULY 6-17, 1961

By
Henry G. Healy
PREPARED
by
U.S. GEOLOGICAL SURVEY
in cooperation with the
FLORIDA GEOLOGICAL SURVEY
TALLAHASSEE, FLA

EXPLANATION

* Observation well

(Hydrographs are shown for these selected wells)

Contour represents the height, in feet referred to mean sea level,
to which water would have risen in tightly cased wells that
penetrate the major water-bearing formations in the Floridan
aquifer, July 6-17, 1961.

Contour interval 10 and 20 feet, changing at mean sea level.

Area of artesian flow

Extent and distribution of flow areas vary with fluctuations
of the piezometric surface, particularly in areas of heavy
pumping. Relatively small areas of artesian flow are not
included immediately adjacent to and parallel to the coast
and many of the major rivers and springs.