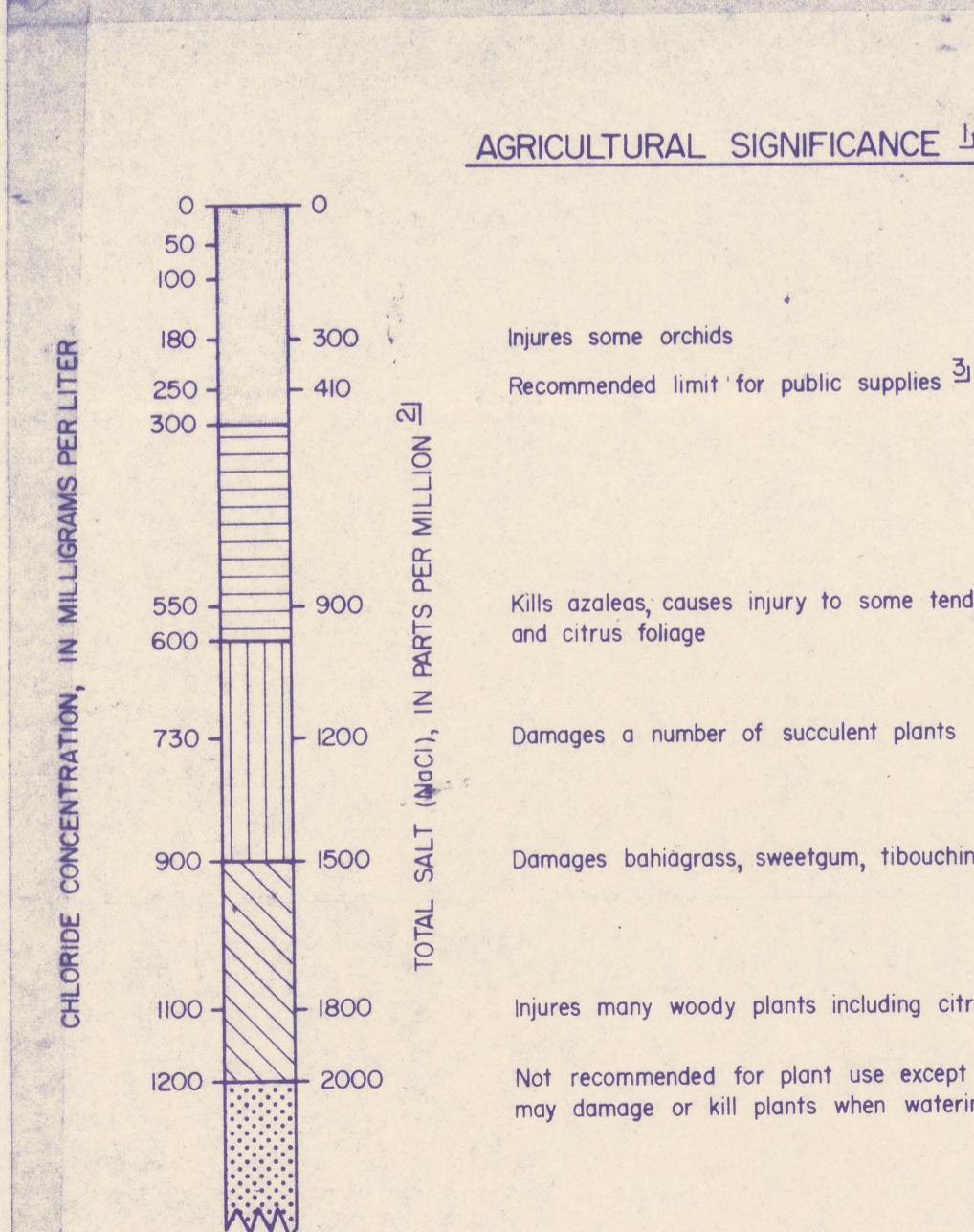


## EXPLANATION



LINE OF EQUAL CHLORIDE CONCENTRATION, July 1975 to April 1976. Dashed where approximately located. Some control data are on adjacent quadrangle. Contour interval 50, 100, 150, and 300 milligrams per liter.

WELL SAMPLED FOR CHLORIDE ANALYSIS. Number is chloride concentration, in milligrams per liter. Local well number is shown on sheet 1.

WELL SAMPLED FOR WHICH CHLORIDE CONCENTRATION, AS ANALYZED, DOES NOT FIT WITHIN THE GENERAL RANGE AS CONTOURED. This may result from localized conditions of recharge or discharge; from varying depths of sampled wells; or from error in reported depth of some wells.

<sup>1</sup> Agricultural significance levels were derived from experimental greenhouse plots and field observations, and reported as a form letter distributed by Brevard County Cooperative Extension Service (Rose, 1977) (Rose, 1977, p. 2).

<sup>2</sup> Total salt values represent sodium chloride (NaCl) and other chloride salts present in ground-water samples analyzed by the Brevard County Cooperative Extension Service (Rose, 1977) using the solu-bridge electrode method. Total salt values are listed to provide a comparison for agricultural interests and homeowners using data from both sources. Chloride concentrations, in milligrams per liter, are portrayed in this sample.

<sup>3</sup> National Academy of Sciences and National Academy of Engineering, 1972, (pp. 5-6, 10, 11, 12).

TITUSVILLE QUADRANGLE, FLORIDA  
1949, PHOTOREVISED 1970,  
7.5-minute series, 1:24000

OVERLAY MAP OF THE TITUSVILLE QUADRANGLE, FLORIDA; CHLORIDE CONCENTRATION OF WATER IN THE FLORIDAN AQUIFER, 1975-76

By  
James M. Frazee, Jr.,  
and  
C. P. Laughlin  
1970

U. S. GEOLOGICAL SURVEY  
RESTON, V.A.  
OCT 17 1979

198192m

~~1234  
1541  
Sheet 1~~

M(200)  
R29o