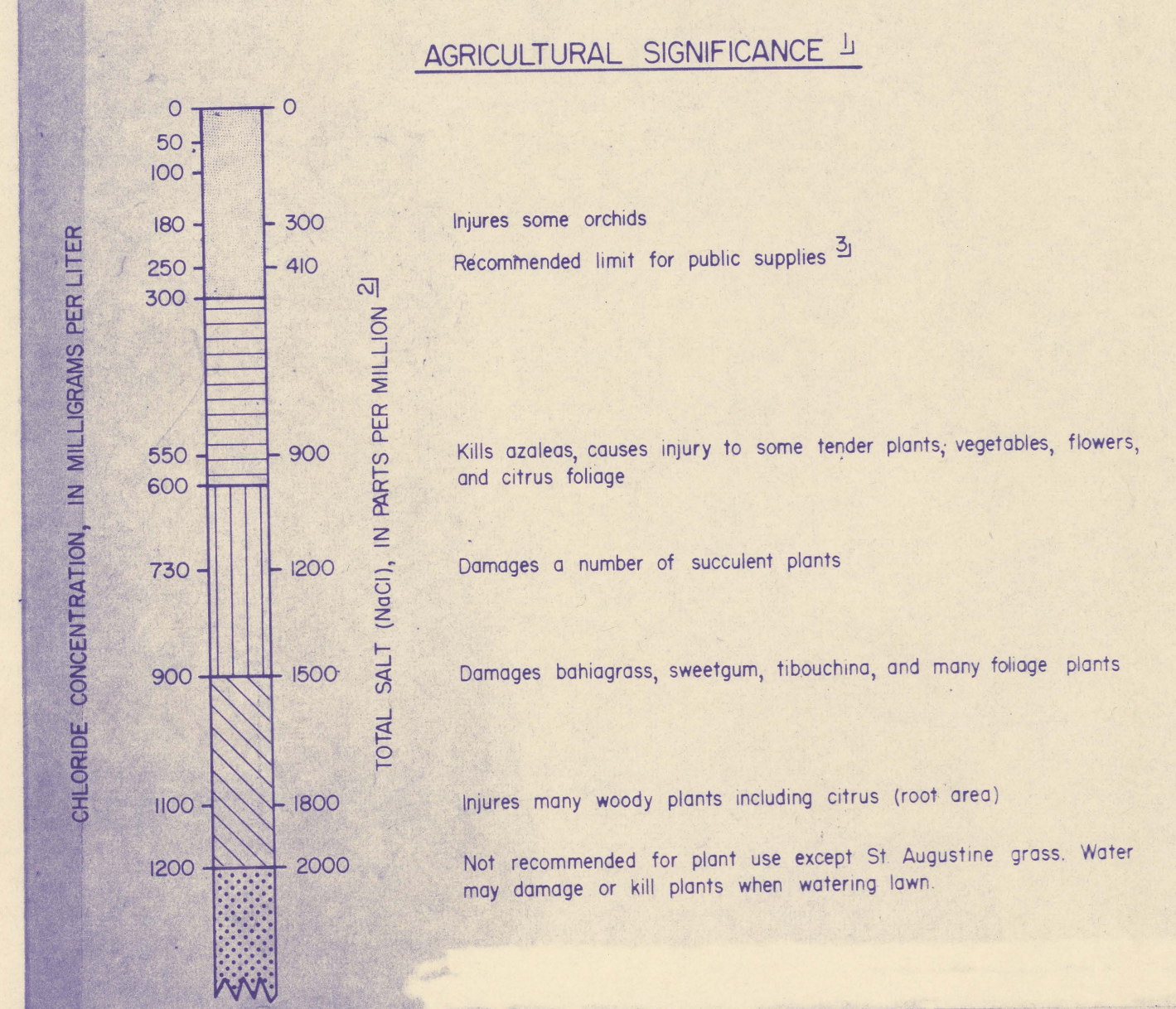


27 11 022  
064 11 328  
0100 0900

EXPLANATION

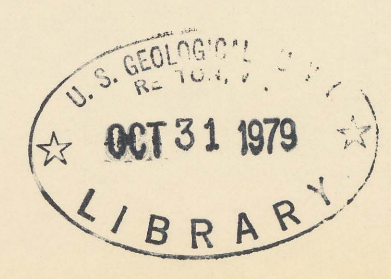
COCOA BEACH QUADRANGLE, FLORIDA,  
1949, PHOTOREVISED 1970  
7.5-minute series, 1:24000



- 900 — LINE OF EQUAL CHLORIDE CONCENTRATION, May 1976 to January 1977. Dashed where approximately located. Some control data are on adjacent quadrangle. Contour interval 300 milligrams per liter.
  - 630 WELL SAMPLED FOR CHLORIDE ANALYSIS. Number is chloride concentration, in milligrams per liter. Local well number is shown on sheet 1.
  - X 590 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) (reference, sheet 3).
- <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 on this overlay.
- <sup>3</sup> National Academy of Sciences and National Academy of Engineering, 1974 (reference, sheet 3).

OVERLAY MAP OF THE COCOA BEACH QUADRANGLE, FLORIDA; CHLORIDE CONCENTRATION OF WATER IN THE FLORIDAN AQUIFER, 1976-1977

By  
James M. Frazee, Jr.,  
and  
C. P. Laughlin  
1979



79-338m  
M(200)  
R29o  
79-338  
SH4  
CV

