

Aerial photography shown on this sheet, obtained October 8, 1979, covers parts of the Anclote River and Rocky Creek basins. Flooded areas were delineated using supplemental aerial photography of August 24 and October 6, 1979, and photogrammetric maps with 1-foot contours. The inundated area boundary around gaged lakes was outlined on the 1-foot contour maps at the recorded maximum stage. The inundated area boundary around ungaged lakes and low-lying depressions were based on observed high-water marks or were estimated from the difference in altitude of the water on the date of photography and the maximum stage recorded on nearby gaged lakes. About 20 percent of the photography area, along the north edge, is in the Anclote River basin; remaining coverage is in the Rocky Creek basin. The State of Florida base map shows location of the study area and an inset map shows location of the area covered by the sheet and the other 11 inundation maps in the report.

Development shown on this sheet includes private residences located near Lakes Harvey, Virginia, Allen, Thomas, and a small lake west of Lake Thomas. There was no known flooding of homes in areas covered by this sheet. However, a county road west of Lake Allen, Sun Lake Boulevard, was flooded in one area.

Stage records have been collected on Lakes Harvey, Allen, and Thomas since 1, 2, and 3, (fig. 1), since about 1970. The stage hydrograph shown in figure 23 illustrates the change in water-level conditions for Lake Harvey during the 1979 water year. This hydrograph is typical of other gaged lakes in the immediate area.

All lake stages are in feet above the National Geodetic Vertical Datum of 1929 (NGVD of 1929). The 1979 maximum stages occurred on Lakes Harvey, Allen, and Thomas during late September; they were the highest stages for the periods of record. The frequency of maximum flooding in 1979 was not determined from the short records available for these lakes. Flooding in other areas of the Anclote River and Rocky Creek basins are shown on sheets 2 and 3, and on sheets 4, 5, and 6-10, respectively.

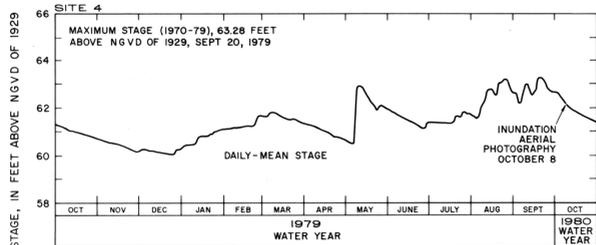
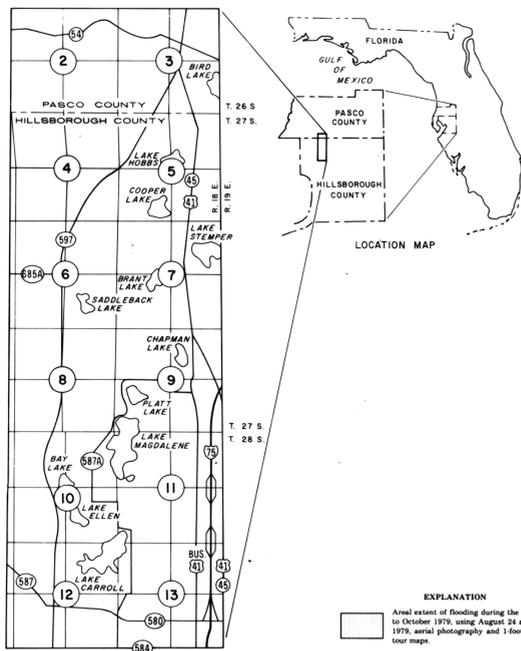


Figure 23—Stage hydrograph for Lake Harvey near Lutz.



0 400 800 1200 FEET

FLOOD DELINEATION BY
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
USING PHOTOGRAMMETRIC METHODS

AERIAL PHOTOGRAPHY BY
KUCERA AND ASSOCIATES, INC.
(SHEETS 2-11, OCTOBER 8, 1979)
AND
ABRAM AERIAL SURVEY
(SHEETS 12, 13, OCTOBER 8, 1979)

UNDER CONTRACT WITH
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT



UNCONTROLLED PHOTOGRAPHY

FLOODING IN NORTHWESTERN HILLSBOROUGH AND
SOUTHERN PASCO COUNTIES, FLORIDA, IN 1979

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