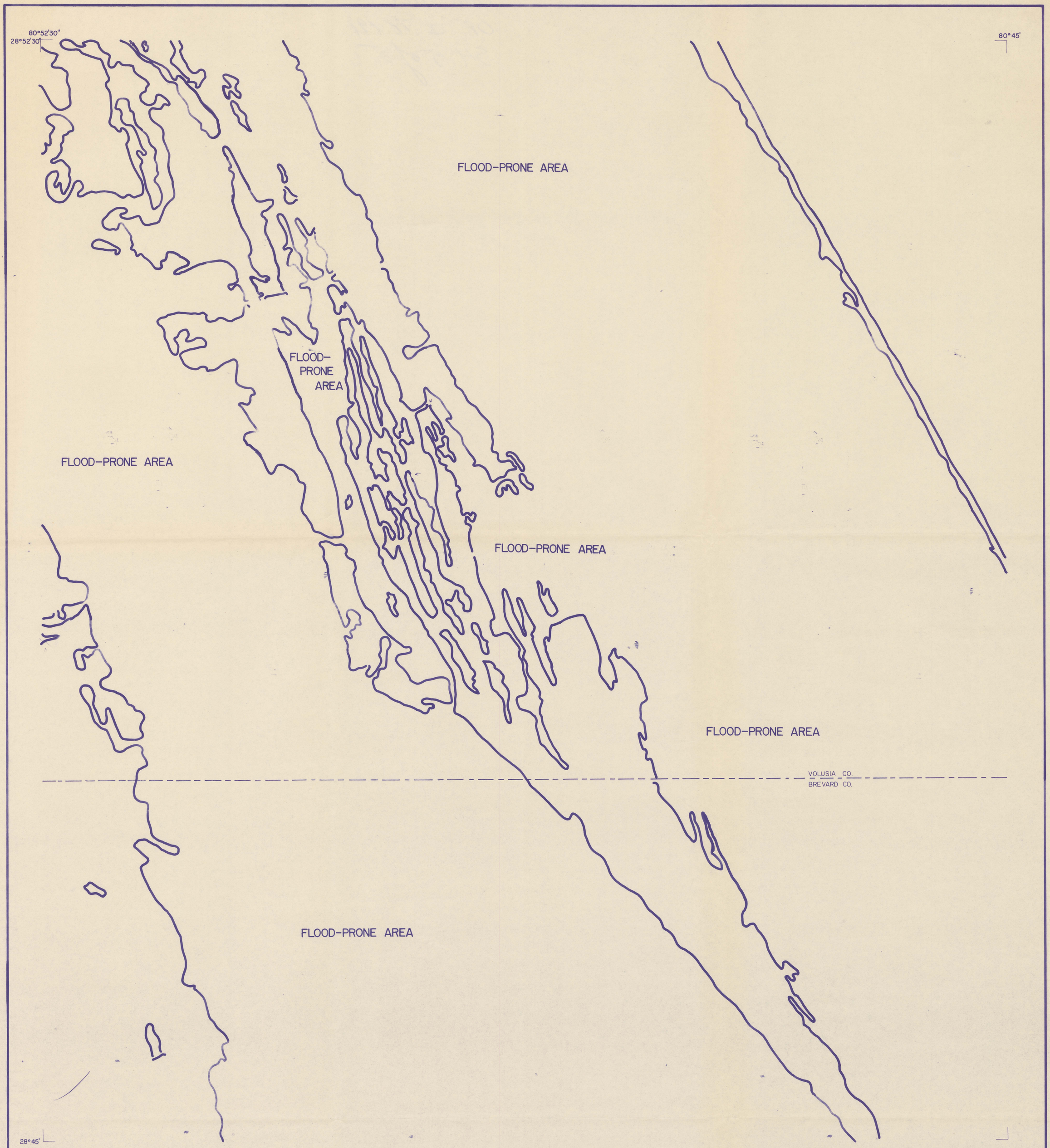
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

Open-File Report
78-191
Sheet 5 of 5



Approximate boundaries of flood-prone areas are shown on this map. There is, on the average, about 1 chance in 100 that the designated areas will be inundated in any year. This information is important to public agencies and private individuals concerned with future land developments.

The flood-prone areas have been delineated through use of readily available information on past floods rather than from detailed field surveys and inspections. In general, the delineated areas are for natural conditions and do not take into consideration the possible effects of existing or proposed flood control structures except where those effects could be evaluated. Flood areas have been identified for: (1) urban areas where the upstream drainage basin exceeds 25 square miles, (2) rural areas in humid regions where the upstream drainage basin exceeds 100 square miles, (3) rural areas in semiarid regions where the upstream drainage basin exceeds 250 square miles, and (4) smaller drainage basins, depending on topography and potential use of the flood plains.

The 89th Congress, in House Document 465, recommended the preparation of flood-prone area maps to assist in minimizing flood losses by quickly identifying the areas of potential flood hazards. More detailed flood information may be required for other purposes such as structural designs, economic studies, or formulation of land-use regulations. Such detailed information may be obtained from the U.S. Geological Survey, other Federal agencies, or State, local, and private agencies.

Flood boundaries were estimated from profiles based on high-water marks and regional stage-frequency relations. Hurricane wind tides may cause more severe flooding in some areas.

Flood-prone area quadrangles for Brevard County were first published in 1973 in cooperation with the U.S. Department of Housing and Urban Development, Federal Insurance Administration. The Oak Hill quadrangle was modified as an overlay by the Brevard Water Well Survey in 1976. This overlay is a copy of the original flood-prone area map (U.S. Geological Survey, 1973).

U.S. Geological Survey, 1973, Flood-prone area map, Oak Hill quadrangle, Florida: U.S. Department of Housing and Urban Development, Federal Insurance Administration Map, 1 sheet.

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

OVERLAY MAP OF THE OAK HILL QUADRANGLE, FLORIDA; FLOOD PRONE AREAS

By
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and
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1978