

80° 45'  
27° 52' 30"

80° 37' 30"

FLOOD-PRONE AREA

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BREVARD CO  
INDIAN RIVER CO

FLOOD-PRONE AREA

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27° 45'

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 these effects could be isolated. Flood areas have been identified (1) urban areas where the upstream drainage basin exceeds 2 1/2 square miles, (2) rural areas in humid regions where the upstream drainage basin exceeds 100 square miles, (3) upstream rural areas in semiarid regions where the upstream drainage basin exceeds 200 square miles, and (4) smaller drainage basins, depending on topography and potential use of the flood plains.

The 80th Congress, in House Resolution 100, recommended the preparation of flood-prone areas 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 highwater marks and regional stage-frequency relations. In some areas, floods 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 Fellsmere SW quadrangle was modified as an overlay by the Brevard Water Cell Survey in 1976. This overlay is a copy of the original flood-prone area map (U.S. Geological Survey, 1973).

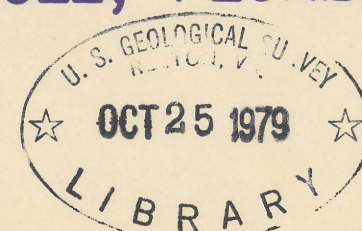
U.S. Geological Survey, 1973, Flood-prone area map, Fellsmere SW quadrangle, Florida; U.S. Department of Housing and Urban Development, Federal Insurance Administration Map, 1 sheet.

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FELLSMERE SW QUADRANGLE, FLORIDA  
1953, PHOTOREVISED 1970,  
7.5-minute series, 1:24000

OVERLAY MAP OF THE FELLSMERE SW QUADRANGLE, FLORIDA; FLOOD-PRONE AREAS

By  
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and  
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1979



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