



Predicted Position of Hurricane Felix

- Populated Places
- Hydrography
- Predicted Track of Hurricane Felix
- Source: National Hurricane Center
- 50 mile buffer
- Landslide Susceptibility**
- High
- Moderate
- Low
- Not Evaluated

Forecasted Center Position - 09/06/07

Forecasted Center Position - 09/05/07

Current Center Location - 09/04/07

Landslide Susceptibility Map of Honduras

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This study, published by the USGS, used the geologic map of Honduras (1:500,000) as a basis for portraying three different levels of landslide susceptibility--high, moderate, and low.

To categorize the level of susceptibility, geologic units from the 1:500,000-scale maps were compared to previous landslides that occurred before Hurricane Mitch in 1998. The specific geologic units that included landslides on previously published geologic maps were characterized as having a high susceptibility to landsliding. Those geologic units which had large areas of Quaternary deposits suggestive of multiple episodes of debris-flow deposition on alluvial fans were termed as having a moderate susceptibility to landsliding. Those geologic units which did not have either of the above characteristics are presumed to have a low susceptibility to landsliding, although in specific instances landslides may occur. For geologic units which were not included in the review of 1:500,000 scale geologic maps, there was no evaluation of their susceptibility to landsliding.

Citation:

Wieczorek, G.F., W.L. Newell, P.G. Chirico, G.S. Gohn, R. Nardini, and T. Putbresi. 1998. Preliminary Digital Geologic Map Database for Honduras. U.S. Geological Survey Open File Report 98-774



Scale 1:2,000,000

