

FLOOD SUSCEPTIBILITY MAP
MUNICIPALITY OF HINATUAN
Province of Surigao del Sur
(10k Baseline Data)

LEGEND:

- Municipality
- Barangay
- Purok
- School
- Health Facility
- Proposed Evacuation
- Proposed Relocation
- Regional Boundary
- Provincial Boundary
- Municipal Boundary
- Shoreline
- River & Creek
- Road Network
- Lake & Pond
- Mangrove
- Swamp
- Scouring

FLOOD SUSCEPTIBILITY

- Very High
- High
- Moderate
- Low

LANDSLIDE

VERY HIGH
Areas usually with steep to very steep slopes and underlain by weak materials. Recent landslides, movements, and seismic cracks are present. Human related effects could be an aggravating factor.

HIGH
Areas usually with steep to very steep slopes and underlain by weak materials. Areas with numerous old and inactive landslides.

MODERATE
Areas with moderately steep slopes. Soil creep and other indications for possible landslide occurrence are present.

LOW
Gently sloping areas with no identified landslides.

ACCUMULATION ZONE

Areas that could be affected by landslide debris.

FLOOD

VERY HIGH
Areas likely to experience flood heights of greater than 2 meters and/or flood duration of more than 3 days. These areas are immediately flooded during heavy rains of several hours. include landforms of topographic lows such as active river channels, abandoned river channels and area along river banks, also prone to flashfloods.

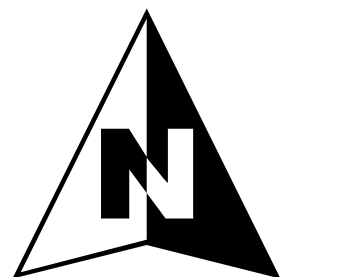
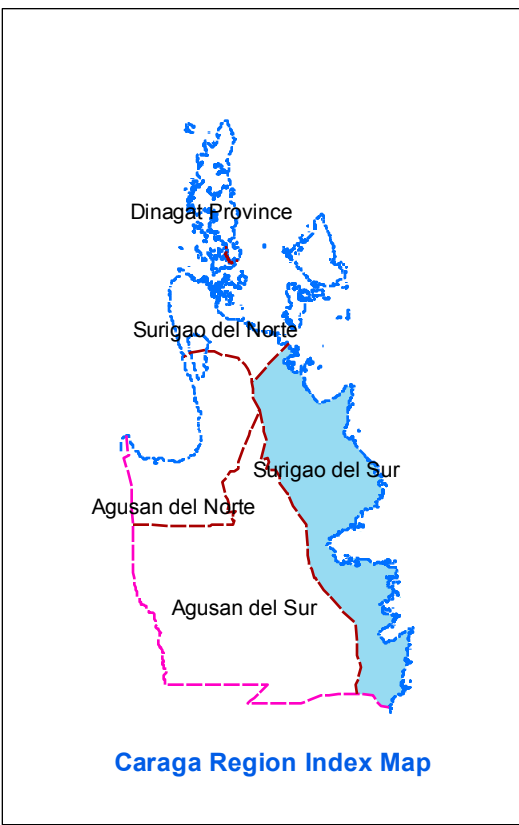
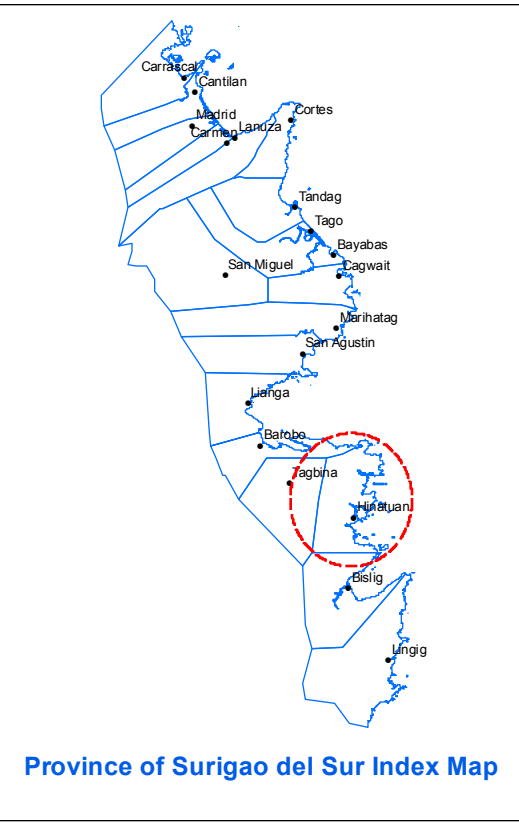
HIGH
Areas likely to experience flood heights of 1.0 to 2.0 meters and/or flood duration of more than 3 days. These areas are immediately flooded during heavy rains of several hours. include landforms of topographic lows such as active river channels, abandoned river channels and area along river banks, also prone to flashfloods.

MODERATE
Areas likely to experience flood heights between 0.5 and 1 meters and/or flood duration of 1 to 3 days. These areas are subject to widespread inundation during prolonged and extensive heavy rainfall or extreme weather condition. Flood impacts, adverse lands and infrastructures are areas moderately subjected to flooding.

LOW
Areas likely to experience flood heights of 0.5 meter or less and/or flood duration of less than 1 day. These areas include low lying and gentle slopes. They also have sparse to moderate drainage density.



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