

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

LEGEND:

- Municipality
- Barangay
- Purok
- School
- Health Facility
- 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.

FLOODS

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 backflows.

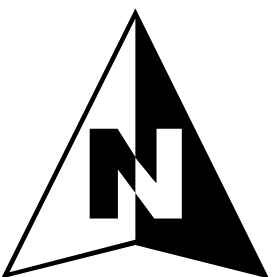
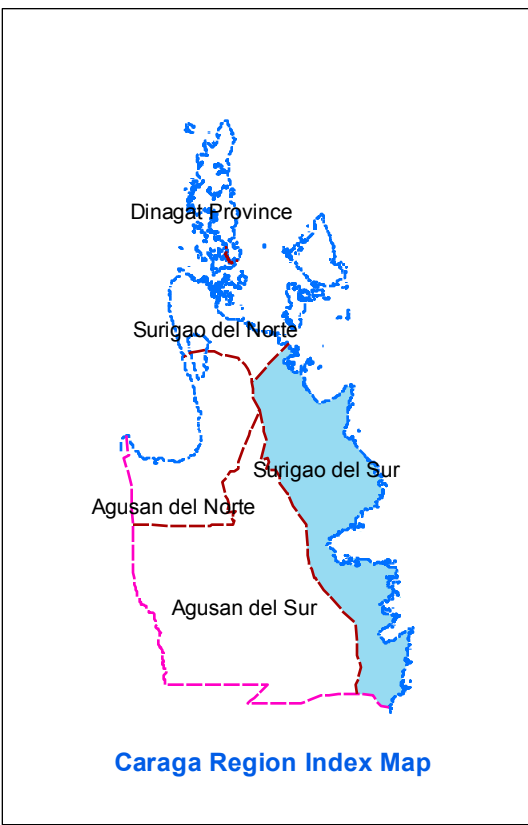
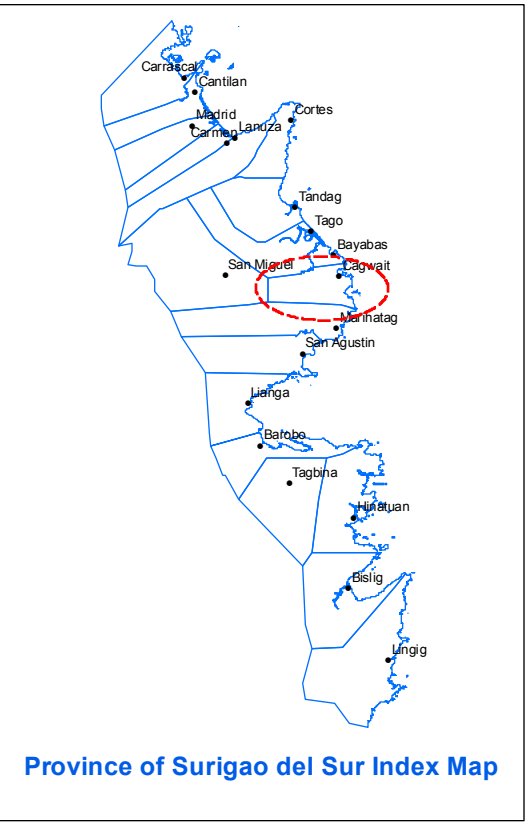
HIGH  
Areas likely to experience flood heights of 1.0 to 2.0 meters and/or flood duration of more than 3 days. These areas are immediately flooded during heavy rains. Of several hours include landforms of topographic lows such as active river channels, abandoned river channels and area along river banks,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

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 health and infrastructural 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 hills and gentle slopes. They also have sparse to moderate drainage density.



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