

LANDSLIDE SUSCEPTIBILITY MAP
MUNICIPALITY OF DEL CARMEN
Province of Surigao del Norte
(10k Baseline Data)

LEGEND:

- Municipality
- Barangay
- Purok
- School
- Daycare Center
- Health Facility
- Proposed Evacuation
- Regional Boundary
- Provincial Boundary
- Municipal Boundary
- Shoreline
- River & Creek
- Road Network
- Sink Hole
- Accumulation Zone
- Scarp & Tension Crack

LANDSLIDE SUSCEPTIBILITY

- Very High
- High
- Moderate
- Low

LANDSLIDE

VERY HIGH
Areas usually with steep to very steep slopes and underlain by weak materials. Recent landslides, scarps, and tension cracks are present. Human induced 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 indicators 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 bordered along heavy nests of alluvial fans, include topography of topographic lows such as active river channels, abandoned river channels and areas along river banks, also prone to flooding.

HIGH
Areas likely to experience flood heights of 1.0 to 2.0 meters and/or flood duration of 1 to 3 days. These areas are subject to widespread flooding during prolonged and extensive heavy rainfall or extreme weather condition. Floods, landslides, debris, and other hazards are present. Areas with low topography, low elevation, and areas along river channels and areas along river banks, also prone to flooding.

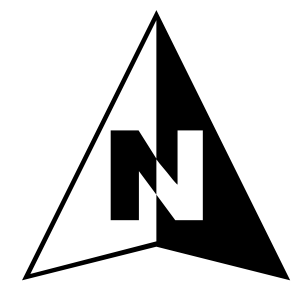
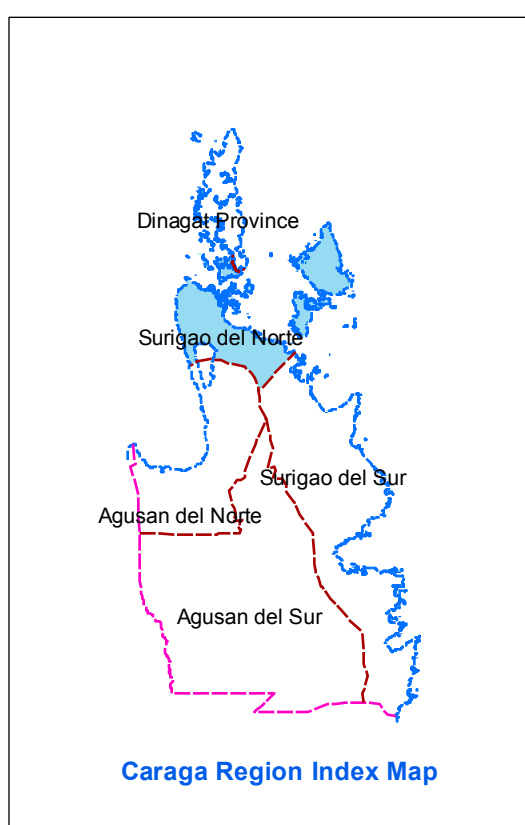
MODERATE
Areas likely to experience flood heights between 0.5 and 1 meter and/or flood duration of 1 to 3 days. These areas are subject to widespread flooding during prolonged and extensive heavy rainfall or extreme weather condition. Floods, landslides, debris, and other hazards are present. Areas with low topography, low elevation, and areas along river channels and areas along river banks, also prone 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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0 150 300 600 900 1200
Meters

1:25,000
GCS - Luzon 1911