

**LANDSLIDE SUSCEPTIBILITY MAP**  
**MUNICIPALITY OF SAN AGUSTIN**  
Province of Surigao del Sur  
(10k Baseline Data)

**LEGEND:**

- ▬ Municipality
- Barangay
- Purok
- School
- Health Facility
- Proposed Relocation
- ▬ Regional Boundary
- ▬ Provincial Boundary
- ▬ Municipal Boundary
- ▬ Shoreline
- ▬ River & Creek
- ▬ Road Network
- ▬ Accumulation Zone
- ▬ Scarp & Tension Crack

- LANDSLIDE SUSCEPTIBILITY**
- Very High
  - High
  - Moderate
  - Low

**LANDSLIDE**

**VERY HIGH**  
Areas locally with steep to very steep slopes and underlain by weak materials, frequent landslides, spontaneous and seismic cracks are present. Human-induced effects could be an aggravating factor.

**HIGH**  
Areas locally 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**  
Generally mapping 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 above flood elevation of more than 3 days. These areas are consistently flooded during heavy rains or extreme tides, include waterfronts of floodplains, low-lying areas adjacent to floodplains, floodplains, abandoned river channels and areas along river banks, also prone to landslides.

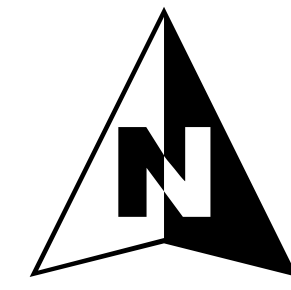
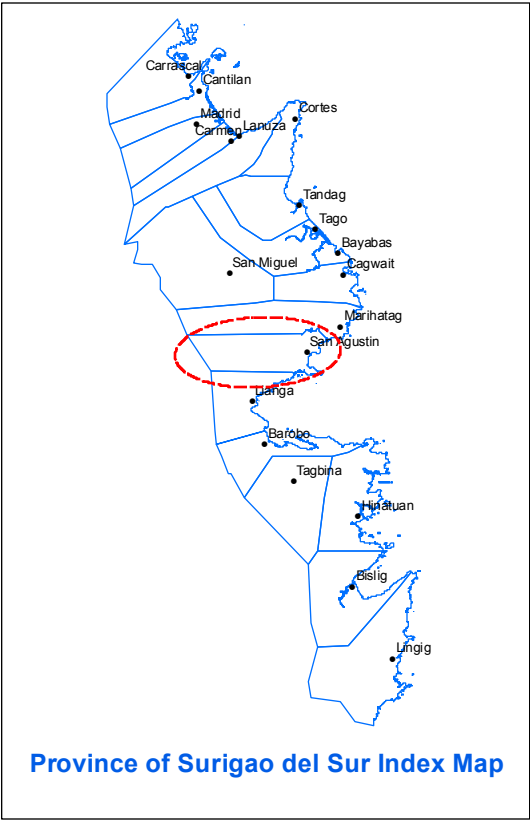
**HIGH**  
Areas likely to experience flood heights of 1.0 to 2.0 meters and/or flood duration of more than 3 days. These areas are occasionally flooded during heavy rains or extreme tides, include waterfronts of floodplains, low-lying areas adjacent to floodplains, floodplains, abandoned river channels and areas along river banks, also prone to landslides.

**MODERATE**  
Areas likely to experience flood heights between 0.5 and 1 meters above flood elevation of 1 to 3 days. These areas are exposed to occasional flooding during strong and moderate heavy rainfall or extreme weather conditions. Flood-prone areas, abandoned river, and other areas are also 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 green spaces. They also have spaces to moderate drainage density.



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Meters

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