

# FLOOD SUSCEPTIBILITY MAP

## MUNICIPALITY OF SAN ISIDRO

Province of Surigao del Norte

(10k Baseline Data)

### LEGEND:

- Municipality
  - Barangay
  - Purok
  - School
  - Daycare Center
  - Health Facility
  - Regional Boundary
  - Provincial Boundary
  - Municipal Boundary
  - Shoreline
  - River & Creek
  - Road Network
  - Lake & Pond
  - Mangrove
  - 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, scarps, and erosion 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 during heavy rains of elevated flows, include topographic lows such as active river channels, abandoned river channels and areas 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 bordered during heavy rains of elevated flows. Relative to the topographic lows, such as active river channels, abandoned river channels and areas along river banks, also prone to backflows.

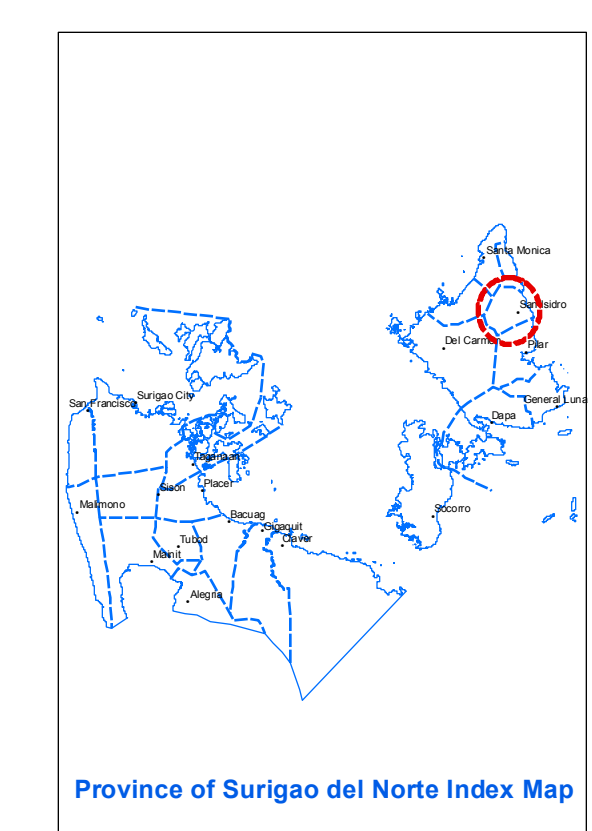
**MODERATE**  
Areas likely to experience flood heights between 0.5 and 1 meter and/or flood duration of 1 to 3 days. These areas are subject to widespread inundation during prolonged and extensive heavy rainfall or extreme weather conditions. Flooded areas, alluvial fans, and other valleys are areas 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.

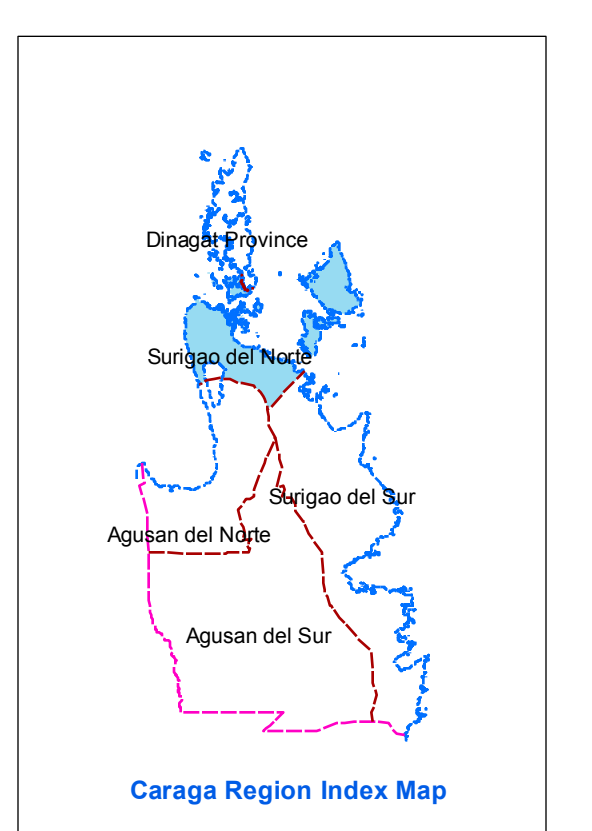


Department of Environment and Natural Resources  
**MINES AND GEOSCIENCES BUREAU**

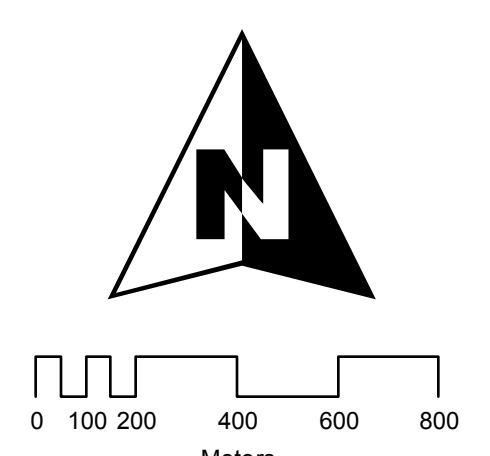
Caraga Regional Office No. XIII  
Tel. No. (086) 826-5256  
<http://www.mgb13.ph> [info@mgb13.ph](mailto:info@mgb13.ph)



Province of Surigao del Norte Index Map



Caraga Region Index Map



1:15,000  
GCS - Luzon 1911