

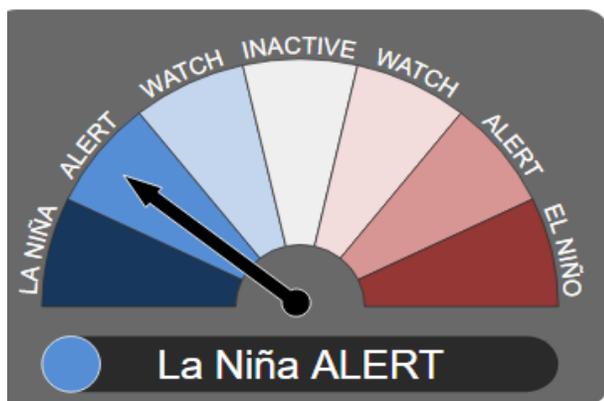
Update ENSO (15/10/2021)

DNMG - El Nino Southern Oscillation (ENSO) as the interaction between the atmosphere and ocean in the tropical Pasific and it's impact on Timor-Leste. ENSO has three phase such as: Positive phase (**El Nino**), Negative phase (**La Niña**) and **Neutral** phase. Here is the latest description for ENSO from October – December, as follows:

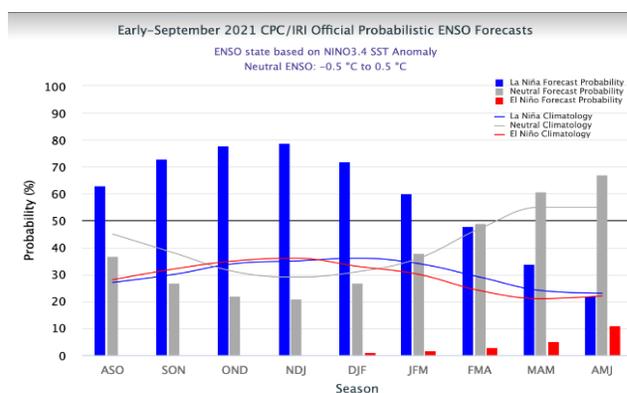
- Currently, the ENSO outlook has been raised to **LA NIÑA ALERT** (Fig 1), and to form as a La Niña in the coming months with probability **70-75%** (Fig 2), that means all communities must prepare themselves to make decisions before rainy season arrives.
- Even with **Alert state**, the impact on Timor-Leste is small to cause extreme events such as heavy rain, strong winds, etc. There is no meteorological system active and there is no prediction for the system to cause heavy rain, strong wind such as **TROPICAL CYCLONE** at the momment.
- When ENSO is in the La Niña Phase, then the impact to Timor-Leste as follows:
 - The establishment of the wet season in Timor will be faster.
 - Timor-Leste will receive more rainfall compared to it's normal period.
 - Extending the wet season.
 - With increase the volume of rain it can have an impact on hidrometeorological disasters such flash floods, landslides, and impacts on agricultural activities, etc.
- If the La Niña that appears is not supported by other main climate drivers such as MJO, IOD Negative, Tropical Cyclone and local factor then the impact to Timor-Leste of causing an extreme event will be low probability.

Note:

To stakeholders and the community in Timor-Leste territory to assist information related to ENSO patern which is currently in Alert state for information prevention or HOAX with the intention of scaring the community.



(Figure.1). ENSO Phase



(Figure.2). La Niña Forecast Probability