



Republic of the Philippines

**DEPARTMENT OF SCIENCE AND TECHNOLOGY**  
**Philippine Atmospheric, Geophysical and Astronomical**  
**Services Administration (PAGASA)**

CLIMPS-01 Rev.0/06-01-22

**ENSO ADVISORY**  
*La Niña Advisory No. 13*

La Niña continues to persist in the tropical Pacific, as reflected by below average ( $\leq -0.5$  to  $-1.0^{\circ}\text{C}$ ) sea surface temperature anomalies (SSTAs). Majority of climate models suggest La Niña is likely to continue until Dec-Jan-Feb (DJF) 2022-23 and then transition to ENSO-neutral condition afterwards.

La Niña increases the likelihood of having above normal rainfall conditions that could lead to potential adverse impacts (such as heavy rainfall, floods, flashfloods and landslides) over highly vulnerable areas.

**Assessment in September 2022**

The weather systems that affected the country during the month were the Southwest (SW) monsoon, localized thunderstorms, low pressure areas (LPAs), easterlies, intertropical convergence zone (ITCZ) and the passage of four (4) tropical cyclones (TCs), namely: Typhoon (TY) "Inday" (Sept. 7-12), Super Typhoon (STY) "Josie" (Sept. 16), STY "Karding" (Sep 22-26) and Severe Tropical Storm "Luis" (Sept. 28-29). Among the four TC's, only STY "Karding" made landfall and brought strong winds, heavy to intense rainfall that caused floods and landslides over Regions I, II, III, NCR, CALABARZON, MIMAROPA, Bicol Region, and Cordillera Administrative Region (CAR).

The passage of STY "Karding" (International Name: NORU) resulted to severe damages to infrastructure, agriculture and a number of casualties, according to the National Disaster Risk Reduction and Management Council (NDRRMC) Situational Reports # 11 dated 04 October 2022. STY "Karding" also increased the water level of several dams in Luzon, especially Angat Dam. Furthermore, works and classes in Metro Manila and other areas affected by the STY were suspended. The other three TCs did not cross the landmass and had no significant effect in most parts of the country.

Rainfall assessment for the month showed that most parts of Luzon, Visayas, Zamboanga Peninsula, Northern Mindanao and BARRM experienced near to above normal rainfall conditions while CAR, rest of Region II, rest of Panay and most parts of Mindanao experienced below normal rainfall conditions.

Generally, near to slightly warmer than average surface temperatures were felt in most parts of the country except for some areas in MIMAROPA, Calayan, Cagayan and Daet, Camarines Norte where slightly cooler to cooler than average surface temperatures were experienced.

The temperature ranges were as follows: mountainous areas of Luzon:  $15.3^{\circ}\text{C}$  –  $25.6^{\circ}\text{C}$ ; rest of Luzon:  $19.1^{\circ}\text{C}$  –  $36.8^{\circ}\text{C}$ ; Visayas:  $22.7^{\circ}\text{C}$  –  $36.8^{\circ}\text{C}$ ; mountainous areas of Mindanao:  $17.4^{\circ}\text{C}$  –  $33.0^{\circ}\text{C}$ ; rest of Mindanao:  $21.2^{\circ}\text{C}$  –  $36.5^{\circ}\text{C}$  and  $23.3^{\circ}\text{C}$  –  $35.3^{\circ}\text{C}$  in Metro Manila.

Meanwhile, three (3) stations have surpassed their historical extreme maximum temperatures for the month, namely; Clark, Pampanga ( $36.4^{\circ}\text{C}$  on 05 September), Butuan City ( $36.5^{\circ}\text{C}$  on 17 September) and Zamboanga City ( $36.1^{\circ}\text{C}$  on 02 September).

**Outlook for October 2022**

Weather systems that will likely affect the country during the month are the weakening Southwest monsoon, transition to Northeast monsoon or "Amihan", stronger easterlies, thunderstorms, ITCZ, LPAs, HPAs, and occurrence of two (2) to four (4) tropical cyclones that may enter/develop in the Philippine Area of Responsibility (PAR).

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Near to above normal rainfall conditions are predicted throughout the country, with a high probability for above normal rainfall conditions in most parts of the country.

Generally, near average to slightly warmer than average surface air temperatures are predicted in most parts of Luzon and Visayas while near to slightly cooler than average is expected in Mindanao. The predicted ranges of temperature are as follows: 13.0°C to 26.5°C in the mountainous areas of Luzon, 16.0°C to 36.5°C for the rest of Luzon, 20.0°C to 35.5°C in Visayas, 15.0°C to 33.5°C in the mountainous areas of Mindanao; 20.0°C to 37.5°C for the rest of Mindanao and 21.5°C to 35.0°C in Metro Manila.

PAGASA will continue to closely monitor the climate conditions that may affect the country, especially on the ongoing La Niña and updates shall be issued as appropriate. For further information, please contact the Climatology and Agrometeorology Division (CAD) at telephone number 8284-0800, local 906.

**Original Signed:**

**VICENTE B. MALANO, Ph.D.**  
Administrator

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