



ENSO ADVISORY
La Niña Advisory No. 11

La Niña condition persists as cooling of the sea surface temperature (SST) re-establishes in the central Tropical Pacific. Most climate models suggest that La Niña condition will continue until Dec-Jan-Feb 2023 (55-70% chance) with ENSO-neutral conditions thereafter.

La Niña increases the likelihood of having above normal rainfall conditions in some areas of the country. Adverse impacts such as floods and landslides are likely to occur over the vulnerable areas and sectors of the society.

Assessment in July 2022

The weather systems that affected the country during the month were the Southwest (SW) Monsoon, ridge of high pressure areas (HPAs), low pressure areas (LPAs), intertropical convergence zone (ITCZ), easterlies, severe thunderstorms and the passage of Tropical Depression (TD) 'Ester' inside the Philippine Area of Responsibility (PAR). TD Ester enhanced the SW Monsoon, causing floods and landslides in some areas of CALABARZON, Bicol Region, and Western Visayas Region (NDRRMC Situational Report on TD Ester).

Generally, way below to near normal rainfall conditions were observed in most parts of the country except for areas in Davao Region, Camiguin, Misamis Occidental, Zamboanga del Norte, Southern Leyte, Bohol, Siquijor, Quirino and Aurora that experienced above normal rainfall conditions.

During the month, most parts of the country experienced near-average to slightly warmer-than-average surface air temperatures except for some areas in Southern Luzon that experienced slightly cooler to cooler-than-average mean temperatures. The temperature ranges were as follows: mountainous areas of Luzon: 15.7°C – 26.7°C; rest of Luzon: 19.2°C – 36.0°C; Visayas: 21.0°C – 35.5°C; mountainous areas of Mindanao: 18.5°C – 32.3°C; rest of Mindanao: 21.1°C – 35.3°C and 23.0°C – 35.9°C in Metro Manila. Moreover, San Jose, Occidental Mindoro, exceeded its lowest recorded minimum temperature (19.2°C) for this month on July 22, 2022.

Outlook for August 2022

The weather systems that will likely affect the country's climate in August are the SW Monsoon, easterlies, localized thunderstorms, ITCZ, LPAs, HPAs, and two (2) or three (3) tropical cyclones that may enter/develop inside the PAR.

Most areas of the country will likely receive near-normal rainfall condition, with a high probability of below normal rainfall over most areas in the western and central sections of Luzon and a high probability of above normal rainfall in portions of Eastern Visayas, CARAGA, Camarines Norte, Catanduanes, Camiguin, and Misamis Oriental.

Generally, near average to slightly cooler than average surface air temperatures are predicted in most parts of Luzon while near to slightly warmer than average is expected for most areas in the Visayas and Mindanao. The predicted ranges of temperature are as follows: 14.0°C to 27.5°C in the mountainous areas of Luzon, 17.0°C to 39.0°C for the rest of Luzon, 20.5°C to 37.0°C in Visayas, 16.0°C to 33.5°C in the mountainous areas of Mindanao; 21.0°C to 37.5°C for the rest of Mindanao and 22.0°C to 37.0°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:

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