



Monthly Climate Assessment and Outlook

La Niña Alert

La Niña conditions remain present in the tropical Pacific and are expected to persist through the February-March-April 2025 season. This condition increases the likelihood of having above-normal rainfall conditions, which could lead to potential adverse impacts such as heavy rainfall, floods, flash floods, and rain-induced landslides over highly vulnerable areas.

Most climate models suggest a transition to the El Niño Southern Oscillation (ENSO) neutral phase during the March-April-May 2025 season.

Assessment in February 2025

The weather systems that affected the country in February were the Northeast (NE) Monsoon (*Amihan*), Intertropical Convergence Zone (ITCZ), easterlies, localized thunderstorms, and shear line. Heavy rainfall brought by easterlies and the shear line in multiple regions of MIMAROPA, CARAGA, and the Davao Region caused flooding incidents that forced evacuations, damaged houses and infrastructure and disrupted land and sea traffic, according to situational reports from the National Disaster Risk Reduction and Management Council (NDRRMC).

Rainfall assessment for the month showed that above normal to way above normal rainfall conditions were observed over most parts of the country, while Central Visayas, most of Northern Mindanao, Davao Region and CARAGA experienced near normal rainfall.

Mean surface air temperatures observed across the country were near-average to above-average. The actual temperature ranges were as follows: mountainous areas of Luzon: 11.5°C – 25.5°C; rest of Luzon: 16.3°C – 36.2°C; Visayas: 21.0°C – 34.5°C; mountainous areas of Mindanao: 16.9°C – 33.0°C; rest of Mindanao: 21.5°C – 35.1°C and 21.4°C – 33.9°C in Metro Manila.

Outlook for March 2025

The weather systems that may affect the country for March are the NE Monsoon (*Amihan*), localized thunderstorms, shearline, ITCZ, ridge of high-pressure area, easterlies, LPAs, and zero (0) or one (1) tropical cyclone that may develop within or enter the Philippine Area of Responsibility (PAR). Furthermore, gradual weakening and termination of the NE monsoon will be imminent and the eventual transition to warm and dry season will be likely during the second half of March.

The rainfall forecast for the month suggests above normal rainfall conditions in most of country, where several provinces in Central Luzon, CALABARZON, Central Visayas, and Western Mindanao will likely receive way above normal rainfall. However, parts of the Cordilleras are expected to receive near normal rainfall, while parts of the Ilocos region are likely to experience below normal rainfall.

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 Philippine Atmospheric, Geophysical and
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Generally, near-average to above-average surface air temperatures are expected in most parts of the country during the month, except in some parts of MIMAROPA, where slightly below-average temperatures are expected. The forecast temperature ranges are as follows: 20.0°C – 36.0°C over Metro Manila; 11.6°C – 28.0°C in the mountainous areas of Luzon; 18.6°C – 37.5°C for the rest of Luzon; 21.0°C – 35.7°C in the Visayas; 14.3°C – 34.0°C over the mountainous areas of Mindanao and 21.0°C – 36.0°C over the rest of Mindanao. Further, some areas of the country may experience high heat index that may cause human discomfort and pose health risks.

DOST-PAGASA will continue to closely monitor the La Niña conditions using the ENSO Alert and Warning System and updates will be issued accordingly. Meanwhile, the concerned government agencies and the general public are encouraged to stay updated and use the information for guidance and anticipatory action. For more information, please contact the DOST-PAGASA Climatology and Agrometeorology Division (CAD) at 8284-0800, extension 4921 or 4920.

Original Signed:

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