



Monthly Climate Assessment and Outlook

La Niña Alert

La Niña conditions are still present in the tropical Pacific, as below average sea surface temperatures were observed. Most climate models suggest La Niña will persist through February-March-April 2025 season and then transition to ENSO-neutral during March-April-May 2025.

This condition increases the likelihood of having above-normal rainfall which could lead to potential adverse impacts such as heavy rainfall, floods, flash floods, and rain-induced landslides over highly vulnerable areas.

Assessment in January 2025

The Northeast (NE) monsoon, shear lines, easterlies, localized thunderstorms, low-pressure areas (LPAs), and the intertropical convergence zone (ITCZ) were the weather systems that influenced the country. These weather systems brought continuous heavy rains that caused several flooding incidents, flashfloods, and rain-induced landslides in some municipalities in Oriental Mindoro, Palawan, Albay, Sorsogon, Camarines Norte, South Cotabato, Sultan Kudarat, Davao Occidental, and Davao de Oro. (based on the National Disaster Risk Reduction and Management Council Progress Report for January 2025). No tropical cyclone entered/developed in the Philippine Area of Responsibility (PAR).

Rainfall assessment for the month showed that generally near to above normal rainfall was observed in most parts of the country except in most of CALABARZON including Metro Manila, Occidental Mindoro, Southern Leyte, and most parts of Caraga Region where way below to below normal rainfall conditions were experienced.

Surface air temperatures were generally slightly warmer to warmer than average in most parts of the country. The actual temperature ranges were as follows: mountainous areas of Luzon: 9.4°C – 25.2°C; rest of Luzon: 14.7°C – 35.8°C; Visayas: 21.0°C – 34.0°C; mountainous areas of Mindanao: 16.7°C – 34.4°C; rest of Mindanao: 21.8°C – 35.0°C and 20.4°C – 33.0°C in Metro Manila.

This month, La Trinidad, Benguet, experienced the lowest observed temperature (9.4°C, 25 January) while San Jose, Occidental Mindoro observed the highest maximum temperature (35.8°C, 17 January), which also surpassed its extreme historical record for the month of January. Furthermore, Malaybalay also surpassed its highest recorded maximum temperature in January (34.4°C on 21 January).

Outlook for February 2025

The NE monsoon will continue to bring cooler than average surface air temperatures in the country and cold surges are still expected during the month. Other weather systems that may affect the country include the shearline, easterlies, localized thunderstorms, the

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ridge of high-pressure areas (HPAs), LPAs, ITCZ and the frontal system. Zero or one tropical cyclone is forecasted to develop or enter the PAR during the month. Furthermore, the potential influence of intra-seasonal and inter-annual climate drivers, such as the Madden-Julian Oscillation (MJO) and the La Niña condition, will also affect the weather during the period.

Rainfall forecast for the month shows that most parts of the country will likely experience near-normal to above-normal rainfall conditions, except for below- to way below-normal rainfall conditions in some areas in the northwestern part of Luzon. The probability of above-normal rainfall conditions is also higher during the month.

Generally, near average to warmer than average surface air temperatures are forecasted in most parts of the country, except in Batanes, Camarines Norte, Romblon, Masbate, Bohol, and Southern Leyte where slightly cooler to cooler than average temperature is expected.

The forecast temperature ranges are as follows: 19.0°C to 34.7°C over Metro Manila; 10.1°C to 27.2°C in the mountainous areas of Luzon; 15.6°C to 36.3°C for the rest of Luzon; 19.5°C to 35.8°C in the Visayas; 13.6°C to 35.0°C over the mountainous areas of Mindanao and 18.3°C to 37.5°C over the rest of Mindanao.

DOST-PAGASA will continue to closely monitor the La Niña conditions 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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