



Monthly Climate Assessment and Outlook

ENSO-neutral conditions are present in the tropical Pacific, with near average equatorial sea surface temperatures (SSTs) across most of the Pacific Ocean. Most climate models suggest that these conditions will likely persist until the February-March-April 2026 season. However, climate models suggest higher-than-climatology likelihood for La Niña conditions through the Dec-Jan-Feb 2026 season.

As the rainy season continues under ENSO-neutral conditions, rainfall over the country will be primarily influenced by the Southwest (SW) monsoon or “Habagat”. The SW monsoon may be enhanced at times by the passage of tropical cyclones and other rain-bearing weather systems. These may bring episodes of heavy rainfall, gusty winds, localized flooding, and rain-induced landslides, particularly over the western sections of the country.

Assessment for July 2025

During the month, the country was affected by various weather systems, including the SW monsoon, localized thunderstorms, and several low-pressure areas (LPAs). In addition, four (4) tropical cyclones (TCs) entered the Philippine Area of Responsibility (PAR): Typhoon (TY) “Bising” (*Danas*) from July 4 to 7, Severe Tropical Storm (STS) “Crising” (*Wipha*) from July 16 to 19, Tropical Storm (TS) “Dante” (*Francisco*) from July 22 to 24, and Typhoon (TY) “Emong” (*Co-may*) from July 23 to 26.

The passage of these tropical cyclones enhanced the SW monsoon, bringing episodes of heavy rainfall that triggered flooding and rain-induced landslides in various parts of the country. According to the National Disaster Risk Reduction and Management Council (NDRRMC) Situational Report No. 8 issued on July 11, 2025, the combined effects of the SW monsoon and TY “Bising” primarily affected most of Region I, resulting in approximately ₱12 million worth of infrastructure damage. Meanwhile, according to the NDRRMC Situational Report No. 38 issued on August 6, 2025, the combined impacts of the SW monsoon and TCs “Crising,” “Dante,” and “Emong” caused widespread agricultural and infrastructure damage of over ₱21 billion nationwide.

Rainfall assessment for July 2025 shows that most of northern and western Luzon, as well as parts of Mindanao, recorded near to above normal rainfall distribution. In contrast, below to way below normal rainfall was observed in parts of Visayas, Bicol region, and Northern Mindanao.

Furthermore, near average to cooler-than-average mean surface air temperatures were observed in most parts of the country, particularly in northern and western Luzon and isolated areas of Mindanao while slightly warmer to warmer-than-average conditions were observed over most of Visayas, Bicol, and portions of Mindanao. The actual temperature ranges were as follows: mountainous areas of Luzon: 16.2°C – 25.0°C; rest of Luzon: 20.0°C – 37.2°C; Visayas: 23.4°C – 37.2°C; mountainous areas of Mindanao: 18.0°C – 33.5°C; rest of Mindanao: 21.7°C – 37.2°C and 23.9°C – 33.2°C in Metro Manila. Notably, Catbalogan station recorded a new maximum temperature for July with 37.1°C on July 30, 2025, surpassing the previous record of 36.6°C on July 12, 1996.



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and
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Outlook for August 2025

The weather systems that may affect the country in August 2025 are the SW monsoon, easterlies, LPAs, the Intertropical Convergence Zone (ITCZ), localized thunderstorms, and the occurrence of two (2) or three (3) TCs that may enter or develop inside the PAR.

The rainfall forecast for the month shows that northern and eastern parts of Luzon, central Visayas, and northeastern and southern parts of Mindanao will likely experience above normal rainfall conditions. Meanwhile, the rest of the country may experience near normal rainfall conditions.

The temperature forecast for the month suggests that slightly warmer than average conditions are expected across most parts of the country except for some areas that might experience near to slightly cooler than average mean surface temperature particularly in high altitudes areas.

The predicted ranges of temperature are as follows: 14.0°C to 27.3°C over the mountainous areas of Luzon, 19.7°C to 38.1°C for the rest of Luzon, 20.6°C to 36.4°C in the Visayas, 13.9°C to 33.4°C over the mountainous areas of Mindanao; 20.0°C to 33.4°C over the rest of Mindanao and 22.0°C to 36.1°C in Metro Manila.

DOST-PAGASA will actively monitor the climate conditions and provide updates whenever necessary. Meanwhile, concerned agencies and the general public are advised to stay informed and use climate information for guidance with the ongoing SW monsoon season. Remain vigilant and take precautions against potential impacts of the rainy season and other weather-related hazards. For more information, you may contact CAD-CLIMPS at (02) 8284-0800, local 4921 or 4920.

Original Signed:

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