



Monthly Climate Assessment and Outlook

La Niña Alert

El Niño Southern Oscillation (ENSO)-neutral conditions continue to prevail over the tropical Pacific Ocean. Most climate models combined with expert judgments suggest a 66% chance of La Niña forming in Sept-Oct-Nov (SON) 2024 season and will likely persist until the first quarter (Jan-Feb-Mar) of 2025. With these model probabilities, borderline La Niña or La Niña-like conditions will be likely in the coming months.

La Niña 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.

Assessment in August 2024

The weather systems that affected the country during the month were the Southwest (SW) monsoon (Habagat), easterlies, localized thunderstorms, low pressure areas (LPAs), Intertropical Convergence Zone (ITCZ), and the passage of one tropical cyclone (TC) named Tropical Storm (TS) “Dindo” with international name “JONGDARI” on August 18-19, 2024. This TC did not make landfall and has no direct impact in any part of the country. However, several parts of Metro Manila have been flooded due to the heavy rains caused by enhanced SW monsoon from the TC outside the Philippine Area of Responsibility (PAR) in August 28 - 29, 2024.

Assessment of rainfall conditions for the month showed that way below normal to below normal rainfall conditions were observed in most parts of Luzon and Mindanao while near normal to above normal rainfall conditions were experienced in most parts of Visayas, Bicol Region, Central Mindanao and the rest of the country.

Surface air temperatures were generally slightly above average to way above average in most parts of the country. The actual temperature ranges were as follows: mountainous areas of Luzon: 16.2°C – 26.2°C; rest of Luzon: 23.0°C – 37.1°C; Visayas: 24.0°C – 36.0°C; mountainous areas of Mindanao: 19.4°C – 34.6°C; rest of Mindanao: 22.4°C – 36.5°C and 24.2°C – 35.9°C in Metro Manila.

Furthermore, the maximum temperature in Tanay, Rizal (31.5°C) on 16 August and in Malaybalay, Bukidnon (34.6°C), on 06 August surpassed the highest recorded maximum temperature for the month of August.

Outlook for September 2024

The weather systems that will likely affect the country’s climate in September 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, along with the possible influence of intra-seasonal and inter-annual climate modes like the Madden-Julian Oscillation (MJO), developing La Niña, among others.

The rainfall forecast for the month suggests near normal conditions across the country. Likewise, probabilistic forecast shows that most parts of the country will have higher chance of near to above normal rainfall conditions.

“tracking the sky...helping the country”



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
 Philippine Atmospheric, Geophysical and
 Astronomical Services Administration (PAGASA)



Generally, near average to warmer than average surface air temperatures are predicted in most parts of the country in September except for some stations in Southern Luzon and Visayas where slightly below to below average temperatures are likely.

The predicted ranges of temperature are as follows: 14.0°C to 26.5°C in the mountainous areas of Luzon, 16.0°C to 36.5°C for the rest of Luzon, 20.5°C to 36.5°C in Visayas, 14.5°C to 33.5°C in the mountainous areas of Mindanao; 20.5°C to 36.5°C for the rest of Mindanao and 22.0°C to 35.5°C in Metro Manila.

DOST-PAGASA will continue to closely monitor the looming La Niña and updates shall be issued accordingly. Meanwhile, the government-concerned agencies and the general public are encouraged to stay updated and use the information for your 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:

NATHANIEL T. SERVANDO, Ph.D.
 Administrator

Date Issued: 04 September 2024

"tracking the sky...helping the country"