



ENSO ADVISORY

El Niño Advisory No. 11 / La Niña Watch

El Niño in the tropical Pacific Ocean continues to weaken but impacts such as hotter and drier conditions still persist. A transition to ENSO-neutral conditions is anticipated during the April-May-June (AMJ) to May-June-July (MJJ) 2024 season. However, a likelihood for La Niña to develop during the June-July-August (JJA) 2024 season has a 60% chance. With these conditions, the PAGASA ENSO Alert and Warning System still remains at El Niño Advisory / La Niña Watch.

Assessment in April 2024

The easterlies, localized thunderstorms, the ridge of high-pressure area (HPA), trough of low-pressure area (LPA) and the intertropical convergence zone (ITCZ) were the weather systems that influenced the country's climate in April. In addition, no tropical cyclone developed or entered in the Philippine Area of Responsibility (PAR).

Rainfall assessment for the month showed that generally way below to below normal rainfall conditions were experienced throughout the country except for the provinces of Bulacan and Sarangani, where near normal rainfall conditions were observed.

Assessment of rainfall data in April showed that twenty-three (23) provinces in Luzon, fourteen (14) provinces in the Visayas, and nine (9) provinces in Mindanao experienced meteorological drought; nineteen (19) provinces were under dry spells, and nine (9) provinces experienced dry conditions. For a complete list of these provinces, please refer to the [Drought/Dry Spell Assessment Maps and Tables](#).

The National Disaster Risk and Reduction Management Council (NDRRMC) Situational Report No. 43 for the Update on the Effects of El Niño dated 6 May 2024 stated that one (1) region-wide, seven (7) province-wide and 36 cities/municipalities, totaling 208 cities/municipalities in Regions I, CAR, MIMAROPA, VI, VII, VIII, IX, X, XII, and BARMM were declared under the State of Calamity. Estimated cost of damage and losses to agriculture amounted to Php 5.9 Billion (Source: DA Bulletin No. 9).

Mean surface air temperatures were generally slightly above to way above average over most parts of the country. The actual temperature ranges were as follows: mountainous areas of Luzon: 11.4°C – 28.6°C; rest of Luzon: 20.2°C – 40.3°C; Visayas: 22.5°C – 37.6°C; mountainous areas of Mindanao: 14.5°C – 37.5°C; rest of Mindanao: 22.5°C – 37.4°C and 22.6°C – 38.8°C in Metro Manila.

Furthermore, nine (9) synoptic stations surpassed their respective historical maximum air temperatures: Clark, Pampanga (39.1°C/ Apr 29), San Jose, Occidental Mindoro (39.2°C/ Apr 22), Casiguran (38.1°C/ Apr 24), Sangley Point, Cavite (38.7°C/ Apr 25), Maasin, Leyte (36.5°C/ Apr 25), Malaybalay, Bukidnon (37.5°C/ Apr 25), NAIA, Pasay City (38.8°C/ Apr 27), Science Garden, Quezon City (38.2°C/ Apr 27) and Catbalogan (37.6°C/ Apr 30).

Outlook for May 2024

The weather systems that may affect the country for the month are the easterlies, HPAs, localized thunderstorms, ITCZ, LPAs, and one (1) or two (2) tropical cyclones that may develop inside / enter the PAR. These systems may contribute to the warmer and drier

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climate conditions during the month. Besides, the transition towards the Southwest (SW) monsoon may happen during the month.

The rainfall forecast for the month suggests that below-normal rainfall conditions will likely be experienced in most parts of Luzon and Visayas, while near-normal conditions are expected mostly in Mindanao and the northern portions of Luzon. However, the probability for below-normal conditions are still high.

Likewise, twenty-three (23) provinces in Luzon, fifteen (15) provinces in the Visayas, and nine (9) provinces in Mindanao are potential for meteorological drought conditions; seven (7) provinces are potential for dry spell and eight (8) provinces are potential for dry conditions. For the complete list of these provinces, please refer to the [Drought/Dry Spell Outlook](#).

Generally, slightly below-average to warmer-than-average surface air temperatures are expected throughout the country this month. The forecast temperature ranges are as follows: 23.0°C to 38.3°C over Metro Manila; 15.2°C to 29.0°C in the mountainous areas of Luzon; 19.0°C to 40.8°C for the rest of Luzon; 21.4°C to 37.5°C in the Visayas; 16.1°C to 36.3°C over the mountainous areas of Mindanao and 21.4°C to 38.3°C over the rest of Mindanao.

PAGASA will continue to closely monitor the waning El Niño and the developing La Niña and its effect on the local climate. Moreover, areas potential for meteorological dry spells and drought will still be updated and disseminated accordingly. Consequently, all government agencies concerned and the general public are encouraged to take precautionary measures to mitigate the adverse impacts of these phenomena. For more information, please contact the DOST-PAGASA Climatology and Agrometeorology Division (CAD) at 8284-0800, extension 4920 or 4921.

Original Signed:

NATHANIEL T. SERVANDO, Ph.D.
Administrator

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