

**LA NIÑA ADVISORY NO. 8**

La Niña has slightly strengthened and is likely to continue until the June-August 2022 season (59% chance), with a 50-55% of La Niña to continue thereafter.

La Niña increases the likelihood of having above normal rainfall conditions in some areas of the country. Adverse impacts such as floods and landslides are likely to occur over the vulnerable areas and sectors of the society.

Assessment in April 2022

The weather systems that affected the country during the month were the Northeast Monsoon (NEM), ridge of High-Pressure Areas (HPAs), low pressure areas (LPAs), tail end of frontal system or shearline, Intertropical Convergence Zone (ITCZ), easterlies, localized thunderstorm and the passage of two (2) tropical cyclones (TCs), namely: Tropical Storm (TS) "Agaton" (April 9-12) and Typhoon (TY) "Basyang" (April 9, 2022). TS "Agaton" developed from an LPA inside the Philippine Area of Responsibility (PAR) and made landfalls over Calicoan Island, Guiuan, Eastern Samar and Basey, Samar and dissipated. It brought heavy rainfall and strong winds that caused flooding and landslides that resulted to casualties and damage to properties in Regions 5, 6, 7, 8, 10, 11, 12, CARAGA & BARMM (based on the NDRRMC Situational Report No. 15, dated 29 April 2022). Meanwhile, TY "Basyang" had no direct effect in the country as it recurved towards southern Japan.

Generally, above normal rainfall condition was experienced in most parts of the country except for the provinces of Batanes, Bataan, Nueva Ecija and Pampanga which received below to way below normal rainfall. Furthermore, several stations in Visayas have recorded their highest 24-hour rainfall which surpassed their normal rainfall for the month. The top three highest were: VSU, Baybay, Leyte (536.2 mm, April 10), Mambusao, Capiz (338.8 mm, April 11) and Guiuan, Eastern Samar (207.8 mm, April 9).

Near average to cooler than average surface temperatures were felt in most parts of the country. During the month, La Trinidad, Benguet, recorded the lowest observed temperature (13.1°C, 09 April) while San Jose, Occidental Mindoro observed the highest maximum temperature (37.5°C, 21 April). The actual temperature ranges were as follows: mountainous areas of Luzon: 14.2°C – 26.7°C; rest of Luzon: 16.8°C – 37.5°C; Visayas: 20.9°C – 35.8°C; mountainous areas of Mindanao: 17.2°C – 33.5°C; rest of Mindanao: 20.0°C – 35.8°C and 22.6°C – 35.9°C in Metro Manila.

Outlook for May 2022

The weather systems that will likely affect the country during the month are the easterlies, localized thunderstorms, ITCZ, LPAs, ridge of high-pressure areas (HPAs), gradual transition to Southwest Monsoon, and 0 or one (1) tropical cyclone that may enter/develop inside the PAR. Normal onset of the rainy season for areas under Climate Type I is expected to commence by the second half of May until the first half of June.

Rainfall forecast for the month shows that with the ongoing La Niña, there is high probability of having above normal rainfall conditions over most parts of the country.

Generally, near average to warmer than average surface air temperatures are predicted in most parts of the country. The predicted ranges of temperature are as follows: 15.0°C to 29.4°C in the mountainous areas of Luzon, 18.0°C to 40.3°C for the rest of Luzon, 20.0°C to 37.9°C in Visayas, 15.7°C to 36.5°C in the mountainous areas of Mindanao; 20.9°C to 38.4°C for the rest of Mindanao and 22.7°C to 38.0°C in Metro Manila.

PAGASA will continue to closely monitor the climate conditions that may affect the country, especially on the on-going La Niña and updates shall be issued as appropriate. For further information, please contact the Climatology and Agrometeorology Division (CAD) at telephone number 8284-0800, local 906.

VICENTE B. MALANO, Ph.D.
Administrator

Date Issued: 05 May 2022

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