



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

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LA NIÑA ADVISORY NO.2

La Niña condition persists across the tropical Pacific as sea surface temperature anomalies (SSTAs) strengthened during the month. Recent climate models predict a moderate to strong La Niña that will likely continue through February-March-April 2021 season.

La Niña is usually associated with above normal rainfall conditions across most areas of the country during the last quarter of the year and early months of the following year. Adverse impacts, i.e., floods and landslides, are likely over the vulnerable areas and sectors of the country.

Assessment in October 2020

The weather systems that affected the country during the month were the Southwest Monsoon (SW), inter-tropical convergence zone (ITCZ), low pressure areas (LPAs), localized thunderstorms, easterlies, and the passage of five (5) tropical cyclones (TCs) named Tropical Storm (TS) "Nika" (NANGKA), October 11-12; Tropical Depression (TD) "Ofel", October 13-16; Typhoon (TY) "Pepito" (SAUDEL), October 19-22; TY "Quinta" (MOLAVE), October 23-27 and Super Typhoon (STY) "Rolly" (GONI), October 29-November 3. Among the five TCs, only TS Nika did not make landfall but enhanced the southwest monsoon. The other four TCs made multiple landfalls and brought heavy to intense rainfall that caused floods and landslides over Regions II, III, NCR, CALABARZON, MIMAROPA, Bicol Region, Regions VI, VII, VIII, XI and Cordillera Administrative Region resulting to severe damages to infrastructure, agriculture and a number of casualties based on the National Disaster Risk Reduction and Management Council situational reports.

Rainfall assessment for the month showed that most parts of the country have experienced above normal rainfall conditions, except for Ilocos Norte where below normal rainfall was observed.

Generally, near to slightly above average surface air temperatures were observed over most parts of the country. The temperature ranges were as follows: mountainous areas of Luzon: 14.2°C – 25.6°C; rest of Luzon: 21.0°C – 35.2°C; Visayas: 22.0°C – 35.6°C; mountainous areas of Mindanao: 16.0°C – 33.0°C; rest of Mindanao: 21.5°C – 35.5°C and 23.5°C – 35.2°C in Metro Manila.

Outlook for November 2020

The weather systems that will likely affect the country in November are the Northeast (NE) monsoon, localized thunderstorms, tail-end of a cold front, LPAs, ITCZ, easterlies and the occurrence of one (1) to three (3) tropical cyclones that may enter/develop in the Philippine Area of Responsibility (PAR). These TCs may further enhance the NE Monsoon that could trigger floods, flashfloods and rain-induced landslides over susceptible areas.

Rainfall forecast for the month show that most parts of country will likely experience near to above normal rainfall conditions with some patches of below normal rainfall.

Near to above average surface temperatures are predicted in most parts of the country. Forecast ranges of temperature are as follows: 10.7°C – 27.5°C over the mountainous areas of Luzon; 19.0°C – 39.4°C for rest of Luzon; 19.5°C – 36.8°C in the Visayas; 15.0°C – 33.5°C over the mountainous areas of Mindanao; 19.0°C – 36.5°C for the rest of Mindanao and 20.3°C – 35.5°C in Metro Manila.

PAGASA will continue to closely monitor the ongoing La Niña and regular updates/advisories shall be issued as appropriate. Meanwhile, all concerned government agencies and the public are advised to take precautionary measures to mitigate the potential impacts of this event. For further information, please contact the Climatology and Agrometeorology Division (CAD) at telephone number 8284-0800, local 906.

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