Monthly Climate Assessment and Outlook

ENSO-neutral conditions persist/La Niña Watch

ENSO-neutral conditions still persist in the Tropical Pacific, with near to slightly cooler than average sea surface temperatures (SSTs) observed and favored to continue until the July-August-September 2021 season. Most climate models indicate that La Niña is more likely to start in October-November-December 2021 season but is not predicted to persist long enough to constitute a La Niña event.

Assessment in August 2021

The weather systems that affected the country during the month were the Southwest (SW) monsoon, localized thunderstorms, low pressure areas (LPAs), ridge of high pressure areas (HPAs), easterlies, intertropical convergence zone (ITCZ) and the passage of three (3) tropical cyclones (TCs), namely: Tropical Depression (TD) "Gorio" (Aug 04), Tropical Storm (TS) "Huaning" (Aug 07) and Severe Tropical Storm (STS) "Isang" (Aug 19-22). All these TCs did not make landfall however, STS "Isang" slightly enhanced the Southwest monsoon which brought rainfall in some parts of western and central Luzon.

Rainfall assessment for the month showed that below to near normal rainfall conditions were experienced in most parts of the country except for some patches of above normal rainfall conditions in Catanduanes, Eastern Samar and CARAGA Region in Mindanao.

Average to slightly warmer than average surface air temperatures were observed in most parts of the country except in some areas of Central Luzon, Cagayan, Palawan and western portion of Mindanao where warmer surface temperatures were experienced. The temperature ranges were as follows: mountainous areas of Luzon: 16.5°C – 23.0°C; rest of Luzon: 26.7°C – 33.1°C; Visayas: 26.1°C – 33.0°C; mountainous areas of Mindanao: 19.3°C – 31.1°C; rest of Mindanao: 24.9°C – 34.4°C and 25.6°C – 32.2°C in Metro Manila. Moreover, five (5) stations surpassed their highest recorded maximum temperatures: NAIA, Pasay (35.9°C / Aug 13), Guiuan, Eastern Samar (36.5°C / Aug 05), Cotabato City (36.3°C / Aug 12), Malaybalay, Bukidnon (34.0°C / Aug 31) and Zamboanga City (35.9°C / Aug 19). In addition, Daet, Camarines Norte beat its lowest recorded minimum temperature (19.8°C / Aug 25/26).

Outlook for September 2021

Weather systems that will likely affect the country during the month are the SW monsoon, easterlies, severe thunderstorms, ITCZ, LPAs, HPAs, monsoon trough and occurrence of two (2) or three (3) tropical cyclones that may enter/develop in the Philippine Area of Responsibility (PAR).

Rainfall forecast for the month indicates that most parts of the country will likely receive near normal rainfall conditions except for above normal rainfall conditions over the Cordillera Administrative Region, Ilocos provinces, Davao de Oro and Davao Oriental.

Generally near average to warmer than average air temperatures are forecasted in most parts of the country. Forecast ranges of temperature are as follows: 13°C to 27°C over the mountainous areas of Luzon, 16°C to 39°C over rest of Luzon, 20°C to 37°C over the Visayas, 16°C to 34°C over the mountainous areas of Mindanao, and 19°C to 38°C over the rest of Mindanao.

Despite the on-going community quarantine due to the COVID-19 pandemic, PAGASA will continue to closely monitor the climate conditions that may affect the country, especially on the looming 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.

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