Monthly Climate Assessment and Outlook
ENSO neutral condition persists

El Niño Southern Oscillation (ENSO)-neutral condition persists over most of the tropical Pacific Ocean. Majority of climate models predict ENSO-neutral conditions to continue through the remainder of the year 2019 until first quarter of 2020.

Assessment in September 2019

The weather systems that affected the country during the month were the southwest (SW) monsoon, low pressure areas (LPAs), localized thunderstorms and the passage of five (5) tropical cyclones (TCs), namely: Tropical Depression (TD) "Kabayan" (September 01) Typhoon (TY) "Liwayway" (September 01-05) Tropical Depression (TD) "Marilyn" (September 12-14), Severe Tropical Storm "Nimfa" (September 17-20) and Typhoon (TY) "Onyok" (September 28-30). All TCs did not make any landfall but enhanced the SW monsoon, causing flooding and suspension of classes, as contained in the Situational Report (SitRep) by the National Disaster and Reduction Risk Management Council (NDRRMC).

Rainfall assessment during the month indicated that most parts of Luzon experienced near to above normal rainfall conditions, including, Guimaras, Iloilo and Basilan in the Visayas and Mindanao. The rest of the country experienced below to way below normal rainfall conditions.

Near to slightly below average surface air temperatures were observed in most parts of Luzon while most parts of Visayas and Mindanao, near to slightly above average were observed. The actual temperature ranges were as follows; mountainous areas of Luzon: 14.0°C – 24.5°C; rest of Luzon: 20.2°C- 35.3°C; Visayas: 22.9°C – 36.5°C; mountainous areas of Mindanao: 17.5°C – 33.5°C; rest of Mindanao: 21.3°C – 35.9°C; and 23.1°C to 33.8°C in Metro Manila.

Meanwhile, Cotabato City synoptic station has surpassed its historical maximum temperature record (35.4°C – 23 September 2010) with 35.6°C on 24 September 2019.

Outlook for October 2019

Weather systems that will likely affect the country during the month are the severe thunderstorms, ITCZ, easterlies, LPAs, ridge of High Pressure Areas, monsoon trough and occurrence of two (2) or three (3) tropical cyclones that may develop/enter the Philippine Area of Responsibility (PAR). Transition from Southwest Monsoon to Northeast Monsoon (NE) will become prevalent, and afterwards, NE monsoon will commence.

Predicted rainfall for the month indicates that most parts of the country will likely experience near normal rainfall conditions, while northwestern Luzon may experience below normal rainfall conditions. Meanwhile, above normal rainfall condition will likely be experienced in Aurora and Cavite.

Generally near to above average temperature is predicted in most areas of the country during the period. Forecast ranges of temperature are as follows: 13.5°C to 26.5°C over the mountainous areas of Luzon, 19°C to 37°C over rest of Luzon, 20°C to 37°C over the Visayas, 17°C to 34°C over the mountainous areas of Mindanao, and 19°C to 36°C over the rest of Mindanao and 22°C to 35°C in Metro Manila.

PAGASA will continue to closely monitor the climate conditions that may affect the country and updates shall be issued as appropriate. For further information, please contact the Climatology and Agrometeorology Division (CAD) at telephone number 284-0800 local 906.

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