



Republic of the Philippines

**DEPARTMENT OF SCIENCE AND TECHNOLOGY**

**Philippine Atmospheric, Geophysical and Astronomical Services**

**Administration (PAGASA)**

## SEASONAL CLIMATE OUTLOOK JULY – DECEMBER 2019

### *Overview*

Weak El Niño condition which started since the last quarter of 2018 had persisted in the central and eastern equatorial Pacific (CEEP). The warmer than average sea surface temperatures (SSTs) have slightly weakened in June, but still within El Niño threshold. It is expected that a transition from El Niño to ENSO-neutral condition will be likely in August or September, with ENSO-neutral favored to continue through the last quarter of 2019.

### *July to September 2019*

The season favors a shift from a weak El Niño to ENSO-neutral conditions during August or September.

Normally, the period is the peak of the Southwest (SW) monsoon season or “Habagat” and tropical cyclone activity is also at its maximum. The weather systems that may affect the country during the season are the intertropical convergence zone (ITCZ), local thunderstorms, low pressure areas (LPAs), ridge of high pressure area (HPA), tropical cyclones and SW monsoon will dominate the season bringing widespread and heavy rainfall in many places of the country, especially the western sections of Luzon and Visayas. Six (6) to nine (9) tropical cyclones are likely to develop/enter the Philippine Area of Responsibility (PAR). Most tropical cyclones generally move in westward and northwestward directions. Monsoon breaks are likely to occur during the period.

Average rainfall condition is predicted to be near to above normal in most parts of Luzon and Visayas, including northern and western part of Mindanao. The rest of the country may receive below normal rainfall, particularly in the provinces of Bohol, Siquijor, Leyte and Southern Leyte in Visayas, and in the southern part of Mindanao, including parts of Zamboanga peninsula. Generally, surface air temperatures are likely to be near to above average in most parts of the country.

Gradual recession of rains associated with the SW monsoon is expected during the latter part of September and the start of the transition period from the SW monsoon to the Northeast (NE) monsoon season is expected.

### *October to December 2019*

ENSO-neutral condition is expected to persist during the period.

The period covers the first half of the NE monsoon season. The weather systems likely to influence the country are the easterlies, ITCZ, easterly wave, LPA, ridge of HPA, tail end of the cold front, NE monsoon and three (3) to five (5) tropical cyclone occurrences. Tropical cyclones originating from the northwestern Pacific Ocean tend to move in a westerly direction, with average tracks across central and southern Luzon and secondary tracks over Visayas and Northern Mindanao.

For October-November-December season, generally below normal rainfall conditions are expected in most parts of Luzon, some areas in the Visayas and most parts of Mindanao. However, near normal rainfall conditions are likely to be experienced in Bulacan, Aurora, Metro Manila, Regions 4-A and 4-B, most parts of the Bicol Region, Western Visayas and Cebu province. Furthermore, surface air temperatures are predicted to be slightly warmer to warmer than average during the season.

PAGASA will continue to closely monitor the possible climate conditions that may influence the country for the season and updates shall be issued as appropriate. For further information, please contact the Climatology and Agrometeorology Division (CAD) at telephone numbers 434- 0955 or 435- 1675.

**VICENTE B. MALANO, Ph.D.**  
Administrator

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Climate Monitoring and Prediction Section (CLIMPS)  
Climatology and Agrometeorology Division

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Science Garden Compound, BIR Road, Brgy. Central, Quezon City,  
Metro Manila, Philippines 1100  
Postal Address: P.O. Box 3278 Manila

Tel. Nos. (632) 929 48 65; (632) 434 90 40  
Fax: (632) 929 48 65  
Website: <http://bagong.pagasa.dost.gov.ph>