



Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY

**Philippine Atmospheric, Geophysical and Astronomical Services
Administration (PAGASA)**

Monthly Climate Assessment and Outlook
SST remains ENSO-neutral

Sea surface temperatures (SSTs) remain at El Niño Southern Oscillation (ENSO) neutral across the tropical Pacific Ocean. Most of the climate models predict ENSO-neutral conditions to continue until the second half of 2020.

Assessment in January 2020

The weather systems that affected the country during the month were the Northeast (NE) Monsoon, low pressure area (LPA), tail end of cold front (TECF), easterlies and Inter Tropical Convergence Zone (ITCZ). No tropical cyclone had developed or entered in the Philippine Area of Responsibility (PAR).

Assessment of rainfall for the month showed that generally near to above normal rainfall conditions were experienced over most parts of Luzon, including most of Western and Eastern Visayas Region, Davao Region and SOCCSKSARGEN. The rest of Luzon, Central Visayas and most areas of Mindanao received way below to below normal rainfall.

Generally, near to above average surface air temperatures were experienced over most parts of the country. The temperature ranges were as follows: mountainous areas of Luzon: 10.2°C – 26.2°C; rest of Luzon: 15.4°C – 35.0°C; Visayas: 19.9°C – 34.0°C; mountainous areas of Mindanao: 14.1°C – 33.5°C; rest of Mindanao: 20.3°C – 36.8°C and 18.5°C to 33.0°C in Metro Manila. Furthermore, two stations have surpassed their historical extreme maximum temperature namely, Dipolog (35.6°C on 16 & 28 January), its previous record was 35.0°C on January 14, 1972 and Cotabato (36.8°C on 31 January) with the previous record of 36.1°C on 18 January 1992.

Outlook for February 2020

The weather systems that will likely affect the country during the month are the NE monsoon, thunderstorms, inter-tropical convergence zone, LPAs, TECF, ridge of High Pressure Areas (HPAs), easterlies, and zero (0) or occurrence of one (1) tropical cyclone that may enter/develop in the PAR.

Forecast for the month showed that way below to below normal rainfall conditions are expected over most areas of the country, except for some provinces in Davao Region and CARAGA that might experience near normal rainfall conditions.

Generally, near to slightly below average temperatures are predicted in most parts of the country during the period. Moreover, surges of cold temperatures are also expected. Forecast ranges of temperature are as follows: 9.5°C to 27.0°C over the mountainous areas of Luzon, 12.0°C to 36.5°C over the rest of Luzon, 18.0°C to 35.0°C over the Visayas, 14.0°C to 35.0°C over the mountainous areas of Mindanao, and 18.5°C to 36.0°C over the rest of Mindanao and 18.0°C to 35.0°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 8284-0800, local 906.

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