



## Monthly Climate Assessment and Outlook *La Niña-like conditions continue*

Oceanic and atmospheric indicators had reached weak La Nina levels in October 2016 (PAGASA termed as borderline La Nina), but this was not sustained. However, La Nina-like conditions continue, as impacts have been seen in some flood- and landslide-prone areas in the country. It is likely that ENSO-neutral conditions will prevail in December-January-February 2017 season.

The weather systems that affected the country during the month were the Northeast (NE) Monsoon, tail-end of the cold front, low pressure areas (LPAs), easterlies and the passage of Typhoon (TY) "Nina" (Dec. 22-27). TY "Nina" made eight (8) landfalls that brought strong winds and excessive rains in MIMAROPA, CALABARZON and Bicol Region. Estimated damages to infrastructure amounting to 83 million pesos (mostly roads and river control facilities) were reported in the provinces of Marinduque and Oriental Mindoro, as stated in the NDRRMC Situational Report No. 7.

Rainfall assessment for the month of December showed that near to above normal rainfall conditions were experienced in most parts of the country, with some patches of below normal rainfall over Nueva Ecija, Leyte, Sultan Kudarat, Agusan del Norte and Maguindanao.

Slightly warmer than average surface air temperatures were observed in most parts of the country during the month. Ranges of temperature recorded were as follows; mountainous areas of Luzon: 13.0°C – 26.4°C; rest of Luzon: 17.0°C- 34.7°C; Visayas: 21.0°C – 34.2°C; mountainous areas of Mindanao: 16.0°C – 33.0°C; and rest of Mindanao: 21.5°C – 35.6°C.

### Outlook in January 2017

The expected weather systems that will affect the country in January are the NE monsoon, LPAs, intertropical convergence zone (ITCZ), tail end of cold front and the occurrence of one (1) tropical cyclone.

Rainfall forecast for the month indicates that the country will generally experience near to above normal rainfall condition, except for the provinces of La Union, Bataan and Cavite that will likely experience below normal rainfall condition.

Slightly cooler than average surface air temperatures are likely over the mountainous areas of Luzon while slightly warmer than average temperatures are predicted over the rest of the country. Predicted ranges of temperature are as follows: 9°C to 28.5°C over the mountainous areas of Luzon, 16°C to 36°C for the rest of Luzon, 20°C to 35°C over the Visayas, 15°C to 34°C over the mountainous areas of Mindanao, and 19°C to 37°C over rest of Mindanao

PAGASA will continue to closely monitor significant climate phenomena and updates shall be issued as appropriate. Meanwhile, concerned agencies are advised to take precautionary measures to mitigate the adverse impacts of this phenomenon especially in flood- and landslide-prone areas. 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  
Website: [www.pagasa.dost.gov.ph](http://www.pagasa.dost.gov.ph)

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