



PAYONG PAGASA

Monthly Climate Assessment and Outlook



Issued: 14 December 2018

OVERVIEW

- Warm El Niño Southern Oscillation (ENSO)-neutral condition still persist during September-October-November 2018 season.
- Latest climate models predict a weak El Niño by the end of December 2018 or early 2019. With these current state and outlook, PAGASA ENSO Alert System status is still at El Niño Watch (since July 2018).

Assessment in November 2018

WEATHER SYSTEMS THAT AFFECTED THE COUNTRY

L

LOW PRESSURE AREA (LPA)

Areas of lowest pressure characterized by cloudiness and rainshowers; areas where a tropical cyclone can form



EASTERLIES

Warm winds blowing from the east that may bring cloudiness over the eastern part of the country

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RIDGE OF HIGH PRESSURE AREA (HPA)

An extension of a high pressure area characterized by very light wind and clear skies



LOCALIZED THUNDERSTORM

Isolated heavy and dense dark clouds with one or more sudden electric discharges manifested by lightning and thunder often accompanied by showers of rain.

NE



NORTHEAST MONSOON (AMIHAN)

Cold winds from the northeast that bring rains over the eastern side of the country.

6

2 TROPICAL CYCLONES

Tropical Depression (TD) "Samuel"
- (Nov. 18-22)
Typhoon (TY) "Tomas"
- (Nov. 23-24 and Nov 26-27)

RAINFALL CONDITION



ABOVE NORMAL

120% greater than the normal



NEAR NORMAL

+20% or -20% from the normal



BELOW NORMAL

20%-60% reduction from the normal

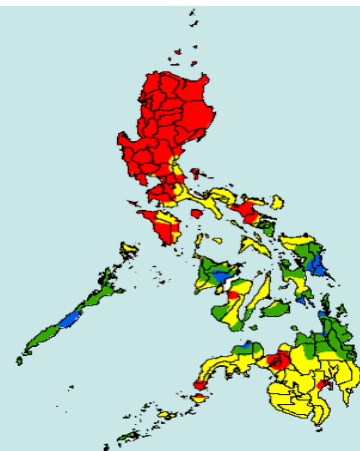


WAY BELOW NORMAL

Greater than 60% reduction from the normal*

Most parts of Luzon

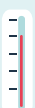
Visayas and Mindanao generally received below to near normal rainfall, with patches of above normal rainfall in some areas



TEMPERATURE



Mountainous Luzon
12.2°C – 26.2°C



Metro Manila
22.4°C – 34.7°C



Mountainous Mindanao
18.3°C – 33.0°C



Lowlands Luzon
19.4°C – 35.7°C



Visayas
19.0°C – 36.0°C



Lowlands Mindanao
20.0°C – 36.6°C

For further information, please contact the Climatology and Agrometeorology Division (CAD) at telephone numbers (02) 434-0955 or (02) 435-1675.



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Outlook in December 2018

EXPECTED WEATHER SYSTEMS

NE NORTHEAST MONSOON (AMIHAN)



Cold winds from the northeast that bring rains over the eastern side of the country.



LOCALIZED THUNDERSTORM

Isolated heavy and dense dark clouds with one or more sudden electric discharges manifested by lightning and thunder often accompanied by showers of rain.



LOW PRESSURE AREA (LPA)

Areas of lowest pressure characterized by cloudiness and rainshowers; areas where a tropical cyclone can form



INTERTROPICAL CONVERGENCE ZONE (ITCZ)

Series of low pressure areas brought about by converging northeast (NE) and southeast (SE) winds that cause thunderstorms and rainshowers



TAIL-END OF THE COLD FRONT

Extended zone of converging winds From east to northeast that often brings thunderstorms and rainshowers



1 or 2 TROPICAL CYCLONE

"Bagyo"; may refer to tropical depression, tropical storm, severe tropical storm, typhoon, or super typhoon.



EASTERLIES

Warm winds blowing from the east that may bring cloudiness over the eastern part of the country

RAINFALL CONDITION



NEAR NORMAL

+20% or -20% from the normal

Batanes, Leyte, Davao del Norte, Davao Occidental, most provinces of SOCCSKSARGEN and CARAGA



BELOW NORMAL

20%-60% reduction from the normal

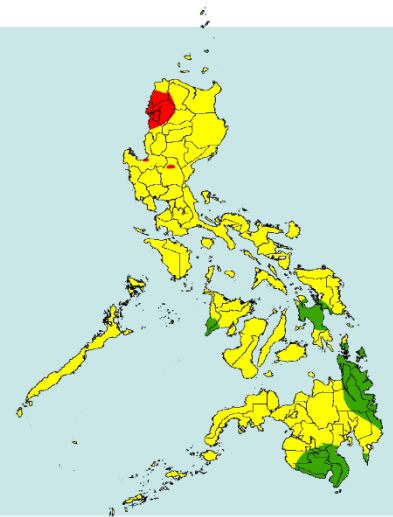
Most parts of country



WAY BELOW NORMAL

Greater than 60% reduction from the normal*

Abra, Ilocos Norte and Ilocos Sur provinces



TEMPERATURE



Mountainous Luzon
9.6°C – 26.8°C



Metro Manila
18.2°C – 34.5°C



Mountainous Mindanao
13.3°C – 33.3°C



Lowlands Luzon
12.4°C – 38°C



Visayas
19.5°C – 34.6°C



Lowlands Mindanao
19.1°C – 36.9°C