



PAYONG PAGASA

Monthly Climate Assessment and Outlook



Issued: 06 February 2019

OVERVIEW

- Atmospheric indicators such as cloudiness, tradewinds and Southern Oscillation Index (SOI) do not show response to ocean temperatures for El Niño to become fully established.
- PAGASA's ENSO Alert System status remains at El Niño Watch with a 65% chance to progress at weak El Niño during March – April 2019.

Assessment in January 2019

WEATHER SYSTEMS THAT AFFECTED THE COUNTRY



LOW PRESSURE AREA (LPA)

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

TAIL-END OF THE COLD FRONT



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



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.



1 TROPICAL CYCLONES

Tropical Depression (TD) "Amang" - (19-21 January)

RAINFALL CONDITION



ABOVE NORMAL

120% greater than the normal

Most parts of eastern Luzon, central Visayas, and northern and eastern Mindanao



NEAR NORMAL

+20% or -20% from the normal



WAY BELOW NORMAL

Greater than 60% reduction from the normal*

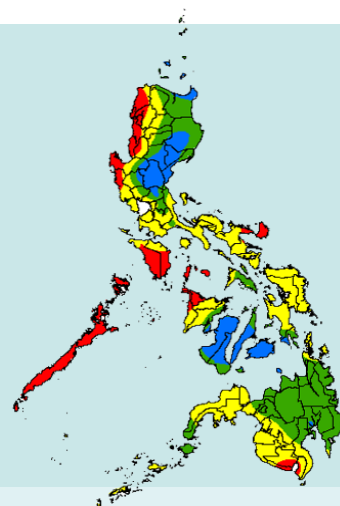
Provinces of Ilocos, La Union, Mindoro, Romblon, Palawan, Catanduanes and Aklan



BELOW NORMAL

20%-60% reduction from the normal

Rest of the country



TEMPERATURE



Mountainous Luzon
12.8°C – 23.2°C



Metro Manila
22.0°C – 30.9°C



Mountainous Mindanao
19.6°C – 28.9°C



Lowlands Luzon
19.5°C – 32.9°C



Visayas
22.5°C – 30.8°C



Lowlands Mindanao
22.5°C – 33.5°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 February 2019

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 (S) 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



Slim Chance of TROPICAL CYCLONE to develop/ enter PAR

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



E EASTERLIES

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



RIDGE OF HIGH PRESSURE AREA (HPA)

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

RAINFALL CONDITION



NEAR NORMAL

+20% or -20% from the normal

Mindanao area



BELOW NORMAL

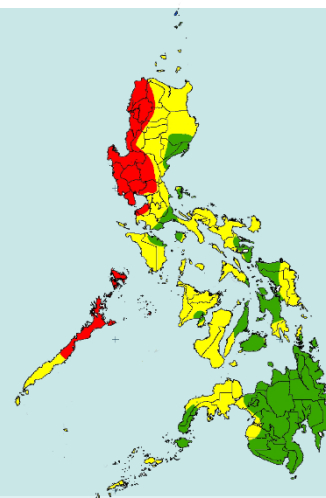
20%-60% reduction from the normal

Most parts of Luzon and Visayas



WAY BELOW NORMAL

Greater than 60% reduction from the normal*



TEMPERATURE



Mountainous Luzon
9.6°C – 27.1°C



Metro Manila
18.4°C – 35.2°C



Mountainous Mindanao
13.9°C – 35.2°C



Lowlands Luzon
17.1°C – 36.6°C



Visayas
18.6°C – 35.5°C



Lowlands Mindanao
19.0°C – 36.0°C