



PAYONG PAGASA

EL NIÑO ADVISORY NO. 2



Issued: 08 March 2019

OVERVIEW

- El Niño condition which started to develop during the last quarter of 2018 is still present in the tropical Pacific Ocean. Both oceanic and atmospheric indicators have reached El Niño threshold levels in February.
- Recent conditions suggest that this phenomenon will likely to continue until the April-May-June 2019 season and that varying impacts are now occurring in most areas of the country.

Assessment in February 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

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.

NORTHEAST MONSOON (AMIHAN)

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

TROPICAL CYCLONE

Tropical Depression (TD) "Betty" - (28 February)

RAINFALL CONDITION

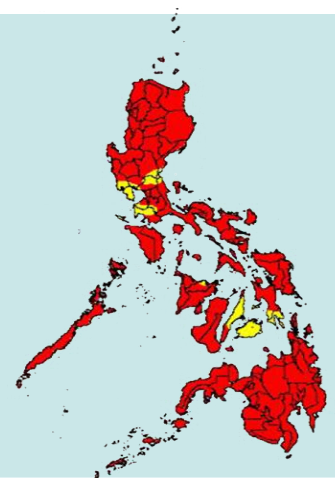


Greater than 60% reduction from the normal*



20%-60% reduction from the normal

Most areas of the country



TEMPERATURE



Mountainous Luzon
11.0°C – 25.8°C



Metro Manila
19.0°C – 33.2°C



Mountainous Mindanao
15.0°C – 34.0°C



Lowlands Luzon
11.0°C – 25.8°C



Visayas
17.2°C – 33.5°C



Lowlands Mindanao
17.7°C – 35.8°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 March 2019

EXPECTED WEATHER SYSTEMS

NE NORTHEAST MONSOON (AMIHAN)



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

INTERTROPICAL CONVERGENCE ZONE (ITCZ)

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



LOW PRESSURE AREA (LPA)

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



RIDGE OF HIGH PRESSURE AREA (HPA)

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



0 or 1 TROPICAL CYCLONES

"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

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

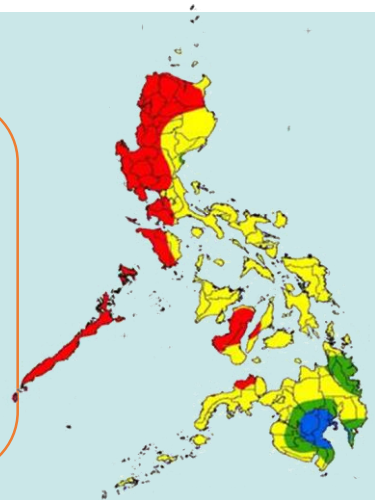


WAY BELOW NORMAL

Greater than 60% reduction from the normal*

Surigao del Sur and Regions XI and XII in Mindanao

Luzon, Visayas and northern Mindanao



TEMPERATURE



Mountainous Luzon
11.3°C – 28.6°C



Metro Manila
19.9°C – 36.6°C



Mountainous Mindanao
14.0°C – 34.5°C



Lowlands Luzon
18.4°C – 38.0°C



Visayas
18.9°C – 36.0°C



Lowlands Mindanao
19.0°C – 37.7°C