



PAYONG PAGASA

EL NIÑO ADVISORY NO. 4



Issued: 06 May 2019

OVERVIEW

- El Niño condition which started to develop during the last quarter of 2018 continue to persist in the tropical Pacific Ocean.
- Majority of the models suggest that the on-going El Niño condition will likely continue until the June-July-August 2019 season.

Assessment in April 2019

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



TAIL-END OF THE COLD FRONT

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

(((H

RIDGE OF HIGH PRESSURE AREA (HPA)

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

E

EASTERLIES

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

6

0 TROPICAL CYCLONE

No tropical cyclone entered/occurred in the Philippine Area of Responsibility (PAR)

RAINFALL CONDITION



WAY BELOW NORMAL

Greater than 60% reduction from the normal*



BELOW NORMAL

20%-60% reduction from the normal

Most areas of the country



NEAR NORMAL

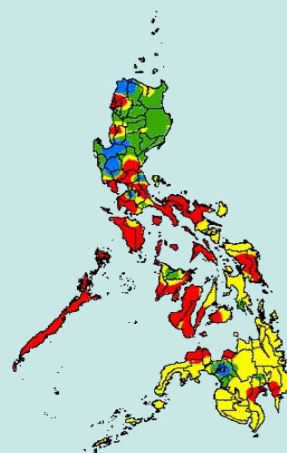
+20% or -20% from the normal



ABOVE NORMAL

120% greater than the normal

most parts of northern Luzon, Southern Leyte and Lanao Del Sur



TEMPERATURE



Mountainous Luzon
17.0°C – 26.0°C



Metro Manila
26.0°C – 36.0 °C



Mountainous Mindanao
20.0°C – 32.0°C



Lowlands Luzon
23.0°C – 37.0°C



Visayas
23.0°C – 35.0°C



Lowlands Mindanao
23.0 °C – 36.0 °C



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Outlook in May 2019

EXPECTED WEATHER SYSTEMS



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)

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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



1 OR 2 TROPICAL CYCLONES

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

RAINFALL CONDITION



NEAR NORMAL

+20% or -20% from the normal

Most areas of the country



BELOW NORMAL

20%-60% reduction from the normal

Bicol Region, eastern Visayas and some parts of western and southern Luzon



TEMPERATURE



Mountainous Luzon
15.0 °C – 28.0 °C



Metro Manila
23.0 °C – 38.0 °C



Mountainous Mindanao
17.0 °C – 36.0 °C



Lowlands Luzon
21.0 °C – 40.0 °C



Visayas
12.0 °C – 38.0 °C



Lowlands Mindanao
19.0 °C – 39.0 °C