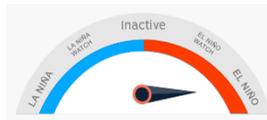




PAYONG PAGASA

EL NIÑO ADVISORY NO. 5



Issued: 06 June 2019

OVERVIEW

- El Niño conditions continue in the central and eastern equatorial Pacific (CEEP). Since the last quarter of 2018, warmer than normal sea surface temperature anomaly (SSTA) of at least 0.5°C was observed.
- Majority of climate models predict that weak El Niño conditions will likely continue until the June-July-August 2019 season (>60% probability).

Assessment in May 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)



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.

RAINFALL CONDITION



WAY BELOW NORMAL

Greater than 60% reduction from the normal*



BELOW NORMAL

20%-60% reduction from the normal

parts of Central Luzon, CALABARZON, and MIMAROPA; most parts of Visayas and Mindanao



NEAR NORMAL

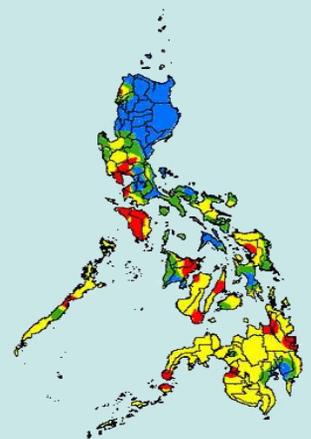
+20% or -20% from the normal



ABOVE NORMAL

120% greater than the normal

most areas of Luzon experienced near to above normal rainfall conditions; parts of Western and Eastern Visayas and Davao Region



TEMPERATURE



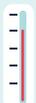
Mountainous Luzon
16.0°C – 27.2°C



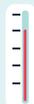
Metro Manila
24.0°C – 36.4°C



Mountainous Mindanao
18.0°C – 34.5°C



Lowlands Luzon
20.4°C – 39.2°C



Visayas
22.0°C – 37.2°C



Lowlands Mindanao
22.0 °C – 38.2 °C



PAYONG PAGASA

EL NIÑO ADVISORY NO. 4



Issued: 06 June 2019

Outlook in June 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)

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



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

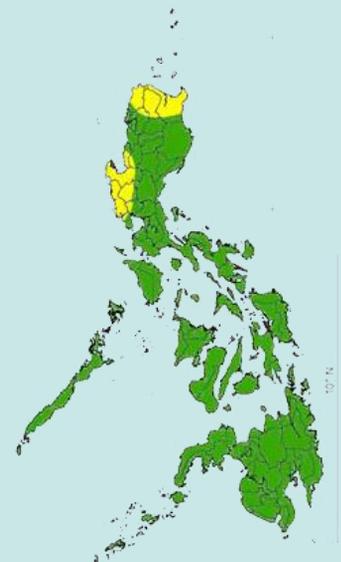
Most parts of the country



BELOW NORMAL

20%-60% reduction from the normal

Apayao, Ilocos Norte, La Union, Pangasinan, Cagayan, Tarlac and Zambales



TEMPERATURE



Mountainous Luzon
15.0 °C – 28.0 °C



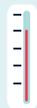
Metro Manila
23.0°C – 37.0°C



Mountainous Mindanao
16.0°C – 32.0°C



Lowlands Luzon
20.7 °C – 38.5°C



Visayas
21.0 °C – 37.0°C



Lowlands Mindanao
18.0°C – 33.0°C