



PAYONG PAGASA

EL NIÑO ADVISORY NO. 6



Issued: 06 July 2019

OVERVIEW

- El Niño conditions continue in the central and eastern equatorial Pacific (CEEP). Since the last quarter of 2018, the warmer than average sea surface temperatures (SSTs) have slightly weakened in June, but still within El Niño threshold.
- It is expected that this event will likely prevail until July to August 2019; however, the probability for it to continue through the later part of 2019, have decreased by 50-55%.

Assessment in June 2019

WEATHER SYSTEMS THAT AFFECTED THE COUNTRY

SW

SOUTHWEST MONSOON (HABAGAT)

Warm moist winds from the southwest causing rains over the western portion of the country from May to September



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

E

EASTERLIES

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



L

LOW PRESSURE AREA (LPA)

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



TROPICAL CYCLONE

- Tropical Depression (TD) "Dodong" (June 25-26)
- TD "Egay" (June 30-July 1)



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



BELOW NORMAL

20%-60% reduction from the normal

northern and eastern Luzon, including parts of Bicol Region, Central Visayas and some parts of Mindanao



NEAR NORMAL

+20% or -20% from the normal

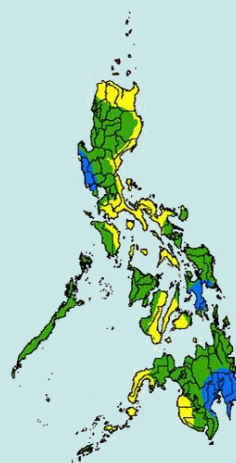
most areas of western Luzon, Western and Eastern Visayas, and most parts of Mindanao



ABOVE NORMAL

120% greater than the normal

Bataan, Zambales, Leyte, Southern Leyte and Davao Region



TEMPERATURE



Mountainous Luzon
16.0°C – 27.8°C



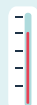
Metro Manila
23.6°C – 37.0°C



Mountainous Mindanao
19.3°C – 33.5°C



Lowlands Luzon
21.0°C – 39.2°C



Visayas
22.6°C – 37.0°C



Lowlands Mindanao
22.0 °C – 38.6 °C



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Outlook in July 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



SOUTHWEST MONSOON (HABAGAT)

Warm moist winds from the southwest causing rains over the western portion of the country from May to September



RIDGE OF HIGH PRESSURE AREA (HPA)

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



2 OR 3 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



ABOVE NORMAL

120% greater than the normal

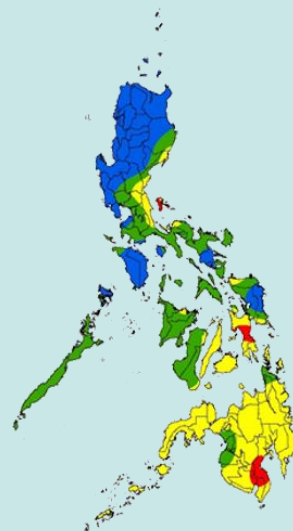
most parts of Luzon, Western Visayas and Eastern Samar



BELOW NORMAL

20%-60% reduction from the normal

most areas of Mindanao, Central Visayas, Biliran, Leyte and Southern Leyte



TEMPERATURE



Mountainous Luzon
15.0 °C – 26.5 °C



Metro Manila
22.5 °C – 36.0 °C



Mountainous Mindanao
16.0 °C – 33.0 °C



Lowlands Luzon
18.5 °C – 37.5 °C



Visayas
21.5 °C – 36.5 °C



Lowlands Mindanao
18.5 °C – 37.0 °C