



PAYONG PAGASA



Issued: 09 August 2019

EL NIÑO ADVISORY NO. 7 (FINAL)

OVERVIEW

- The weak El Niño which started since the last quarter of 2018 has ended. The warmer than average sea surface temperatures (SSTs) in the tropical Pacific Ocean has weakened and transitioned into neutral levels in July.
- It is expected that ENSO-neutral conditions will likely persist through the remainder of the year.

Assessment in July 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



LOW PRESSURE AREA (LPA)

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

E EASTERLIES

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



2 TROPICAL CYCLONE

- Tropical Storm (TS) "Falcon" (July 15-18)
- Tropical Depression (TD) "Falcon" (July 19)
- Made landfall at Gattaran, Cagayan (July 17)

RAINFALL CONDITION



BELOW NORMAL

20%-60% reduction from the normal

Western and southern parts of Luzon; Eastern Visayas, North Cotabato, Sultan Kudarat and Maguindanao



NEAR NORMAL

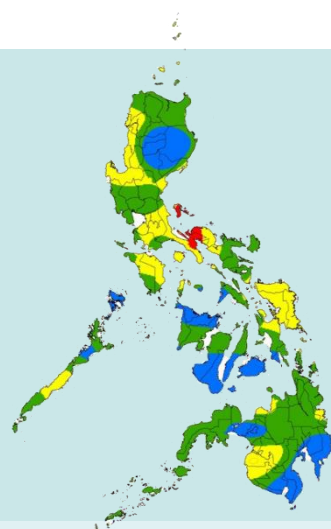
+20% or -20% from the normal

Most areas in Luzon; most provinces in Visayas and Mindanao



ABOVE NORMAL

120% greater than the normal



TEMPERATURE



Mountainous Luzon
15.4°C – 26.2°C



Metro Manila
23.3°C – 35.2°C



Mountainous Mindanao
18.7°C – 32.5°C



Lowlands Luzon
20.9°C – 37.0°C



Visayas
22.0°C – 36.0°C



Lowlands Mindanao
23.3 °C – 35.2 °C



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EL NIÑO ADVISORY NO. 6

Outlook in August 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

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LOW PRESSURE AREA (LPA)

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

SW



SOUTHWEST MONSOON (HABAGAT)

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



2 or 4 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

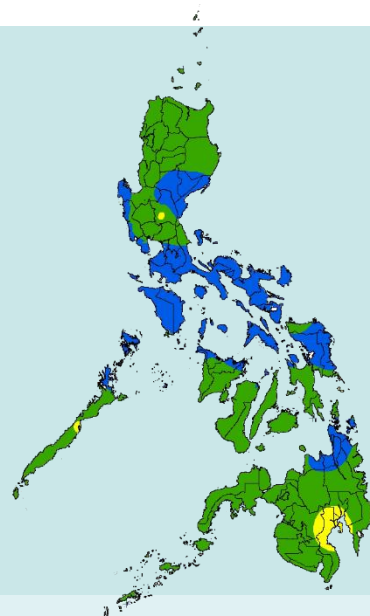
Most parts of the country



ABOVE NORMAL

120% greater than the normal

CALABARZON, MIMAROPA, Bicol Region, Metro Manila, most parts of Eastern Visayas, over the provinces of Nueva Viscaya, Quirino, Bataan, Aurora, Agusan del Norte and Surigao del Norte



TEMPERATURE



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15.0 °C – 26.5 °C



Metro Manila
23.0°C – 35.0°C



Mountainous Mindanao
15.5°C – 33.5°C



Lowlands Luzon
20.5 °C – 37.0°C



Visayas
20.5 °C – 36.5°C



Lowlands Mindanao
23.0°C – 35.0°C