



# 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

### L 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



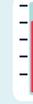
Mountainous Mindanao  
18.7°C – 32.5°C



Lowlands Luzon  
20.9°C – 37.0°C



Visayas  
22.0°C – 36.0°C



Lowlands Mindanao  
23.3 °C – 35.2 °C



# PAYONG PAGASA



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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

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

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

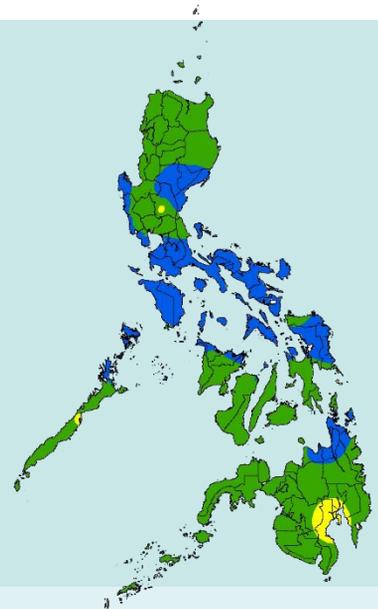
Most parts of the country



##### 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



Mountainous Luzon  
15.0 °C – 26.5 °C



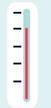
Metro Manila  
23.0°C – 35.0°C



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