



# PAYONG PAGASA

## EL NIÑO ADVISORY NO. 3



Issued: 05 April 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 around 75% probability of El Niño condition to continue to June-July-August(JJA) 2019 season.

### Assessment in March 2019

## WEATHER SYSTEMS THAT AFFECTED THE COUNTRY

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### 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

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### RIDGE OF HIGH PRESSURE AREA (HPA)

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

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### EASTERLIES

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



### 1 TROPICAL CYCLONE

Tropical Depression (TD) "Chedeng"  
- (17- 19 March)

NE

### NORTHEAST MONSOON (AMIHAN)

Cold winds from the northeast that bring rains over the eastern side 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.

## RAINFALL CONDITION



### WAY BELOW NORMAL

Greater than 60% reduction from the normal\*



### BELOW NORMAL

20%-60% reduction from the normal

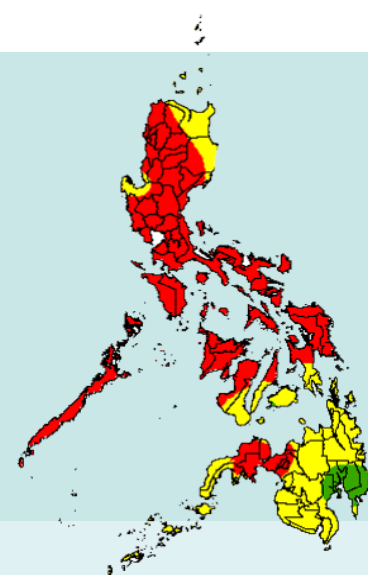
Most areas of the country



### NEAR NORMAL

+20% or -20% from the normal

Most parts of Davao Region



## TEMPERATURE



Mountainous Luzon  
14.0°C – 24.0°C



Metro Manila  
23.0°C – 33.0 °C



Mountainous Mindanao  
19.0°C – 32.0°C



Lowlands Luzon  
19.0°C – 34.0°C



Visayas  
19.0°C – 32.0°C



Lowlands Mindanao  
23.0 °C – 36.0 °C



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### Outlook in April 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



### 0 or 1 TROPICAL CYCLONES

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

## RAINFALL CONDITION



### BELOW NORMAL

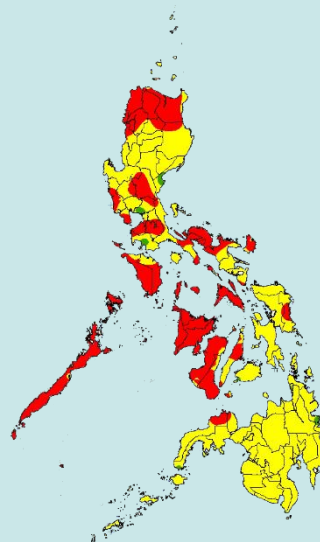
20%-60% reduction from the normal



### WAY BELOW NORMAL

Greater than 60% reduction from the normal\*

Most parts of the country



## TEMPERATURE



Mountainous Luzon  
12.0 °C – 29.0 °C



Metro Manila  
21.0°C – 38.0°C



Mountainous Mindanao  
14.0°C – 36.0°C



Lowlands Luzon  
19.0 °C – 39.0°C



Visayas  
19.0 °C – 38.0°C



Lowlands Mindanao  
18.0°C – 39.0°C