



# PAYONG PAGASA

## Monthly Climate Assessment and Outlook



Issued: 05 October 2018

### OVERVIEW

- Warm El Niño Southern Oscillation (ENSO)-neutral condition has persisted in the tropical Pacific during July-August-September 2018 season.
- Majority of climate models predict a probability of El Niño to develop during October-November-December 2018 season.

### Assessment in September 2018

## 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

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### SOUTHWEST MONSOON (HABAGAT)

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

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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



### 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.



### 4 TROPICAL CYCLONES

Typhoon (TY) "Maymay" (September 2)  
Tropical Depression (TD) "Neneng" (September 10)  
Typhoon (TY) "Ompong" (September 12-15)  
Typhoon (TY) "Paeng" (September 23-29)



### INTERTROPICAL CONVERGENCE ZONE (ITCZ)

Series of low pressure areas brought about by converging northeast (NE) and southeast (SE) winds that cause thunderstorms and rainshowers

## RAINFALL CONDITION



### ABOVE NORMAL

120% greater than the normal

Most parts of the country including Metro Manila



### NEAR NORMAL

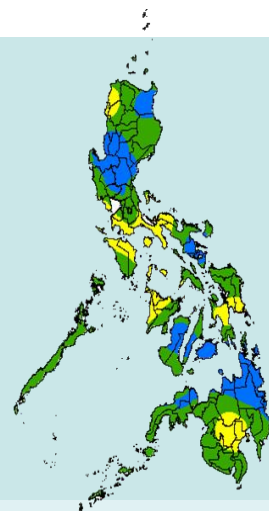
+20% or -20% from the normal



### BELOW NORMAL

20%-60% reduction from the normal

Ilocos Norte, Batangas, Quezon, most provinces in MIMAROPA, Camarines Norte, Northern Panay, Leyte, Davao City, Davao del Sur and Cotabato received below normal rainfall.



## TEMPERATURE



Mountainous Luzon  
15.8°C – 23.3°C



Metro Manila  
25.6°C – 31.6°C



Mountainous Mindanao  
20.0°C – 29.1°C



Lowlands Luzon  
21.7°C – 33.2°C



Visayas  
24.2°C – 32.7°C



Lowlands Mindanao  
22.1°C – 33.4°C

For further information, please contact the Climatology and Agrometeorology Division (CAD) at telephone numbers (02) 434-0955 or (02) 435-1675.



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### Outlook in October 2018

## EXPECTED WEATHER SYSTEMS



### LOCALIZED THUNDERSTORM

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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



### INTERTROPICAL CONVERGENCE ZONE (ITCZ)

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### LOW PRESSURE AREA (LPA)

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



### 2 or 3 TROPICAL CYCLONE

"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

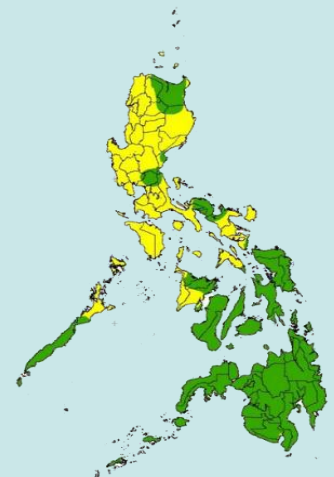
Most parts of Visayas and Mindanao



### BELOW NORMAL

20%-60% reduction from the normal

Most parts of Luzon



## TEMPERATURE



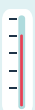
Mountainous Luzon  
13°C – 27°C



Metro Manila  
21°C – 35°C



Mountainous Mindanao  
16°C – 33°C



Lowlands Luzon  
19°C – 36°C



Visayas  
22°C – 36°C



Lowlands Mindanao  
21°C – 36°C