



# PAYONG PAGASA

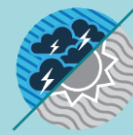
## LA NIÑA ADVISORY NO. 4



Issued: 08 January 2021

### OVERVIEW

Moderate La Niña persists across the tropical Pacific Ocean. Most climate models suggest La Niña will likely continue until the first quarter of 2021, with a potential transition to El Niño Southern Oscillation (ENSO)-neutral condition (~50% chance) during April-May-June 2021 season.



La Niña increases the likelihood of having above normal rainfall conditions across most areas of the country during the last quarter of the year and early months of the following year.

### Assessment in December 2020

## WEATHER SYSTEMS THAT AFFECTED THE COUNTRY

**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

**6 1 TROPICAL CYCLONES**  
Tropical Storm (TS) "Siony" ( Dec 18-20)

**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.

**NE NORTHEAST MONSOON (AMIHAN)**  
Cold winds from the northeast that bring rains over the eastern side of the country.

**TAIL-END OF FRONTAL SYSTEM**  
Extended zone of converging winds from east to northeast that often brings thunderstorms and rainshowers

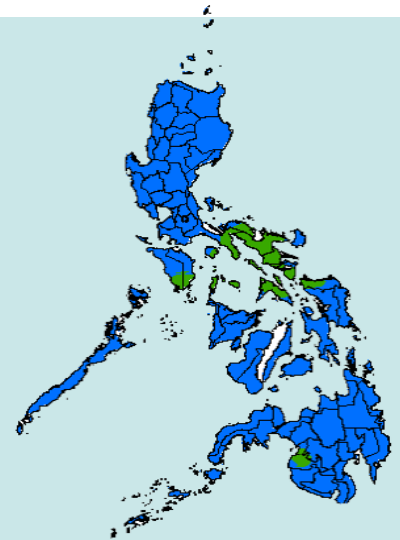
## RAINFALL CONDITION

**ABOVE NORMAL**  
120% greater than the normal

Most parts of the country

**NEAR NORMAL**  
+20% or -20% from the normal

Bicol Region, Romblon, Northern Samar



## TEMPERATURE

Generally, slightly above to above average surface air temperatures were recorded over most parts of the country.

Mountainous Luzon  
12.0°C – 25.2°C

Lowlands Luzon  
13.2°C – 35.0°C

Metro Manila  
20.9°C to 33.7°C

Visayas  
22.0°C – 34.0°C

Mountainous Mindanao  
14.0°C – 33.3°C

Lowlands Mindanao  
21.0°C – 35.7°C



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### Outlook in January 2021


## EXPECTED WEATHER SYSTEMS

**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

**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.


 **TAIL-END OF FRONTAL SYSTEM**  
 Extended zone of converging winds from east to northeast that often brings thunderstorms and rainshowers

**6** **0 or 1 TROPICAL CYCLONES**  
 “Bagyo”; may refer to tropical depression, tropical storm, severe tropical storm, typhoon, or super typhoon.


 **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

 **NEAR NORMAL**  
 +20% or -20% from the normal

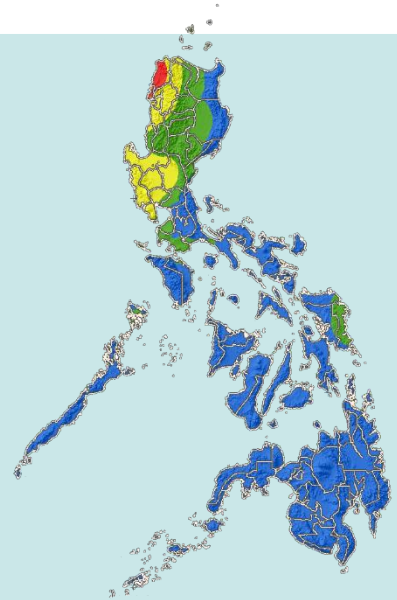
 **ABOVE NORMAL**  
 120% greater than the normal

Most parts of the country

 **BELOW NORMAL**  
 20%-60% reduction from the normal


 **WAY BELOW NORMAL**  
 Greater than 60% reduction from the normal\*


Western and central




## TEMPERATURE


Near to slightly above average surface temperatures are predicted in most parts of the country while near to slightly below average is likely in some areas of northern Luzon.


 Mountainous Luzon  
 9.0°C – 26.5°C

 Metro Manila  
 18.0°C to 34.5°C

 Mountainous Mindanao  
 15.0°C – 33.5°C

 Lowlands Luzon  
 13.5°C – 36.0°C

 Visayas  
 20.0°C – 35.0°C

 Lowlands Mindanao  
 19.0°C – 36.0°C