



MONTHLY CLIMATE ASSESSMENT AND OUTLOOK


OVERVIEW

El Niño Southern Oscillation (ENSO)-neutral condition continues to persist across the tropical Pacific Ocean. Majority of the climate models predict ENSO-neutral conditions will be likely until the first half of 2020.


Assessment in December 2019


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

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

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


 **FRONTTAIL-END OF THE COLD**
Extended zone of converging winds from east to northeast that often brings 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.

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

6 **2 TROPICAL CYCLONES**
Typhoon (TY) "Tisoy" (Nov 30 – Dec 5)
Typhoon (TY) "Ursula" (23-28 Dec)

RAINFALL CONDITION

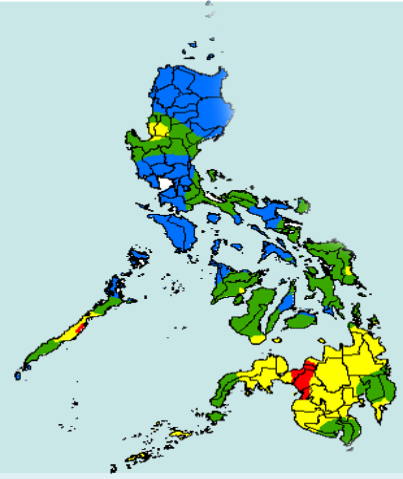
 **NEAR NORMAL**
+20% or -20% from the normal

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







Remaining parts of Luzon, Visayas and Mindanao

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

Most parts of Luzon, most parts of the Visayas and some parts of Davao Region



TEMPERATURE *Slightly warmer to warmer than average surface air temperatures were felt over most parts of the country.*

 Mountainous Luzon 14.2°C – 24.0°C	 Metro Manila 23.2°C – 31.8°C	 Mountainous Mindanao 18.3°C – 29.9°C
 Lowlands Luzon 23.2°C – 32.6°C	 Visayas 23.8°C – 32.7°C	 Lowlands Mindanao 22.6°C – 34.5°C



MONTHLY CLIMATE ASSESSMENT AND OUTLOOK

Outlook in January 2020

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.



0 or 1 TROPICAL CYCLONES

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



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



TAIL-END OF THE COLD FRONT

Extended zone of converging winds from east to northeast that often brings thunderstorms and rainshowers



NE NORTHEAST MONSOON (AMIHAN)

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

RAINFALL CONDITION



WAY BELOW NORMAL

Greater than 60% reduction from the normal*

Western and Central Luzon



BELOW NORMAL

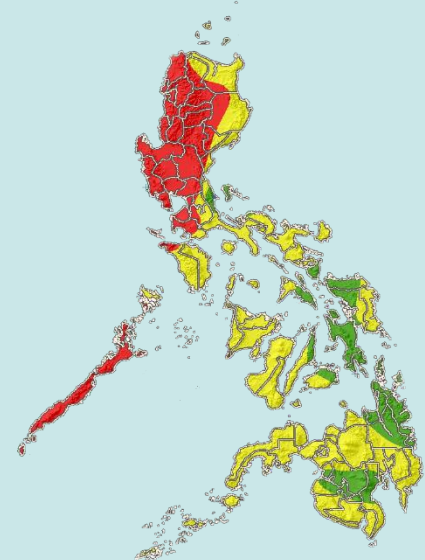
20%-60% reduction from the normal

Most parts of Visayas and Mindanao and eastern part of Luzon



NEAR NORMAL

+20% or -20% from the normal



TEMPERATURE

Generally near to above average temperature is predicted in most areas of the country during the period.



Mountainous Luzon
9.2 °C – 26.9°C



Metro Manila
18.3°C – 34.3°C



Mountainous Mindanao
14.0°C – 34.0°C



Lowlands Luzon
14.2 °C – 36.4°C



Visayas
18.8 °C – 35.4°C



Lowlands Mindanao
18.9°C – 35.7°C