



MONTHLY CLIMATE ASSESSMENT AND OUTLOOK

OVERVIEW

Sea surface temperatures (SSTs) remain at El Niño Southern Oscillation (ENSO) neutral across the tropical Pacific Ocean. Most of the climate models predict ENSO-neutral conditions to continue until the second half of 2020.

Assessment in January 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

≡ **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.

↖ **TAIL-END OF THE COLD FRONT**
Extended zone of converging winds From east to northeast that often brings thunderstorms and rainshowers

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

RAINFALL CONDITION



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

Rest of Luzon, Central Visayas and most areas of Mindanao



BELOW NORMAL
20%-60% reduction from the normal

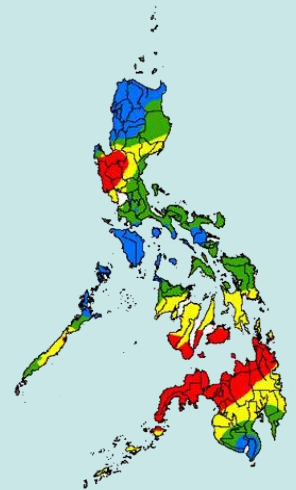


NEAR NORMAL
+20% or -20% from the normal

Most parts of Luzon, including most of Western and Eastern Visayas Region, Davao Region and SOCCSKSARGEN





ABOVE NORMAL
120% greater than the normal





TEMPERATURE


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


 Mountainous Luzon
10.2°C – 26.2°C

 Lowlands Luzon
15.4°C – 35.0°C

 Metro Manila
18.5°C – 33.0°C

 Visayas
19.9°C – 34.0°C

 Mountainous Mindanao
14.1°C – 33.5°C

 Lowlands Mindanao
20.3°C – 36.8°C



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Outlook in February 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



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.



E 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

RAINFALL CONDITION



WAY BELOW NORMAL

Greater than 60% reduction from the normal*

Most areas of the country



BELOW NORMAL

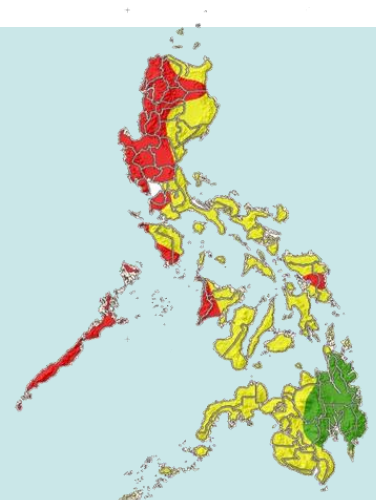
20%-60% reduction from the normal



NEAR NORMAL

+20% or -20% from the normal

Some provinces in Davao Region and CARAGA



TEMPERATURE

Generally, near to slightly below average temperatures are predicted in most parts of the country during the period.



Mountainous Luzon
9.5 °C – 27.0°C



Metro Manila
18.0°C – 35.0°C



Mountainous Mindanao
14.0°C – 35.0°C



Lowlands Luzon
12.0 °C – 36.5°C



Visayas
18.8 °C – 35.0°C



Lowlands Mindanao
18.5°C – 36.0°C