



PAYONG PAGASA

MONTHLY CLIMATE ASSESSMENT AND OUTLOOK



OVERVIEW

Issued: 06 October 2021

Cool ENSO-neutral conditions persist in the Tropical Pacific, with slightly cooler than average sea surface temperatures (SSTs) observed and likely to continue in the coming months. Most climate models indicate that La Niña is probable in October-November-December 2021 season which may persist up to January-February-March 2022 season.



La Niña Alert

Assessment in September 2021

WEATHER SYSTEMS THAT AFFECTED THE COUNTRY

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



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.

SOUTHWEST MONSOON (HABAGAT)

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



EASTERLIES

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



2 TROPICAL CYCLONES

TY 'Jolina' (Sep 06-09)
TS 'Kiko' (Sep 07-12)



RIDGE OF HIGH PRESSURE AREA (HPA)

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



RAINFALL CONDITION

BELOW NORMAL

20%-60% reduction from the normal

Northern Luzon

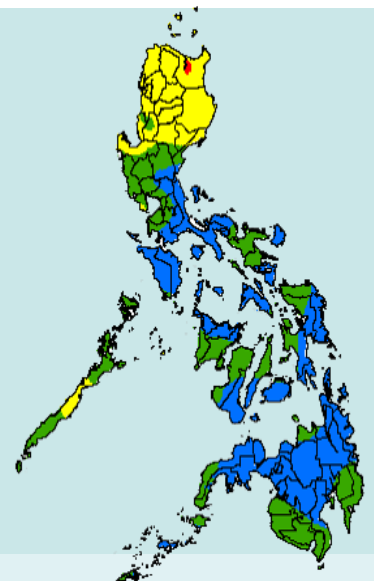
NEAR NORMAL

+20% or -20% from the normal

ABOVE NORMAL

120% greater than the normal

Most parts of the country



TEMPERATURE

Average to warmer than average surface air temperatures were observed in most parts of the country except in some areas of southern Luzon, central and eastern Visayas and Surigao del Norte where slightly cooler temperature was experienced.

Mountainous Luzon

15.5°C – 26.6°C

Metro Manila

22.0°C to 35.3°C

Mountainous Mindanao

18.5°C – 33.3°C

Lowlands Luzon

19.5°C – 36.0°C

Visayas

21.8°C – 35.4°C

Lowlands Mindanao

21.0°C – 35.8°C



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Outlook in October 2021


EXPECTED WEATHER SYSTEMS

L **LOW PRESSURE AREA (LPA)**
Areas of lowest pressure characterized by cloudiness and rainshowers; areas where a tropical cyclone can form

 **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.

(((H **RIDGE OF HIGH PRESSURE AREA (HPA)**
An extension of a high pressure area characterized by very light wind and clear skies

SW **SOUTHWEST MONSOON (HABAGAT)**
Warm moist winds from the southwest causing rains over the western portion of the country from May to September
**transition to northeast monsoon*

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

6 **2 or 3 TROPICAL CYCLONES**
"Bagyo"; may refer to tropical depression, tropical storm, severe tropical storm, typhoon, or super typhoon.

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

RAINFALL CONDITION



NEAR NORMAL

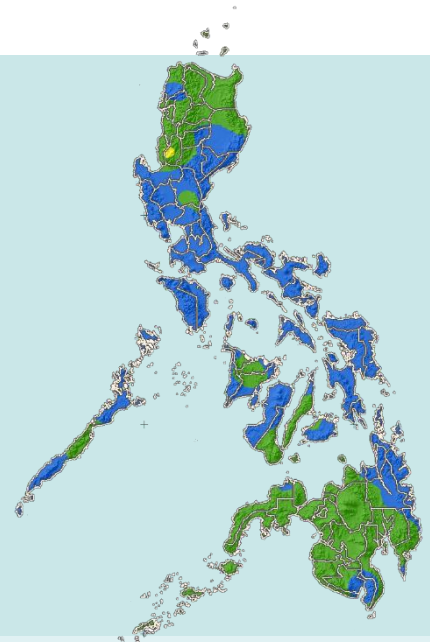
+20% or -20% from the normal



ABOVE NORMAL


120% greater than the normal


most parts of the country





TEMPERATURE


Generally near average to warmer than average air temperatures are forecasted in most parts of the country.


 Mountainous Luzon
14.0°C – 26.5°C

 Metro Manila
22.5°C - 35.5°C

 Mountainous Mindanao
17.0°C – 33.5°C

 Lowlands Luzon
18.0°C – 37.0°C

 Visayas
20.0°C – 36.0°C

 Lowlands Mindanao
18.5°C – 36.5°C