



PAYONG PAGASA

SEASONAL CLIMATE OUTLOOK



Issued: 29 January 2021

OVERVIEW

Moderate La Niña continue to persist across the tropical Pacific Ocean, which started to develop since the second half of 2020. 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 (~ 55% chance) during April-May-June 2021 season.

January to March 2021 Outlook

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

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

↖ **TAIL-END OF THE FRONTAL SYSTEM**
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

6 **Passage of 0 to 2 TROPICAL CYCLONES**
'Bagyo'; may refer to a tropical depression, tropical storm, severe tropical storm, typhoon, or super typhoon.

RAINFALL CONDITION

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

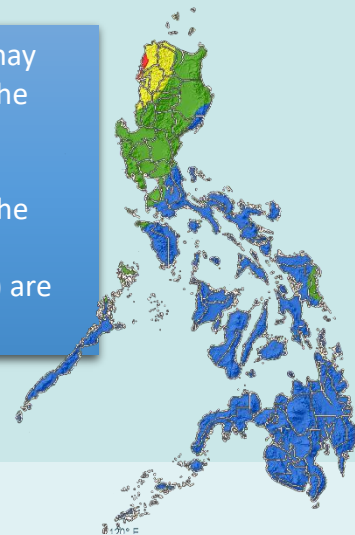
Northwestern Luzon

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

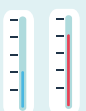
The rest of Luzon, Visayas and Mindanao

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

The moderate La Niña may slightly weaken during the season but cooler than average sea surface temperatures (SSTs) in the central and eastern equatorial Pacific (CEEP) are likely to continue.



TEMPERATURE



Surface air temperatures are expected to be generally below to near average in most parts of Luzon and Visayas except for a few areas that may experience warmer than average temperatures, while near to above average air temperatures are forecasted in Mindanao. However, cold surges are still expected to affect the country during this period.



PAYONG PAGASA SEASONAL CLIMATE OUTLOOK



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April to June 2021 Outlook

EXPECTED WEATHER SYSTEMS

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

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

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

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

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

1 to 3 TROPICAL CYCLONES
'Bagyo'; may refer to a tropical depression, tropical storm, severe tropical storm, typhoon, or super typhoon.

RAINFALL CONDITION



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

Most parts of the country

There is a 55% probability that a transition from La Niña to ENSO-neutral condition may occur during the period. This season is characterized by warm and humid conditions during the months of April and May. Normal onset of the rainy season over the western sections of the country is anticipated, which may commence during the second half of May until the first half of June.



TEMPERATURE



Most places in the country may experience near to way above average surface air temperatures except for some areas in Luzon where below average temperatures may be felt.

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