

PAYONG PAGASA

LA NIÑA ADVISORY NO. 3

Issued: 02 December 2020

OVERVIEW

La Niña further strengthened across the tropical Pacific Ocean. Most climate models suggest a strong La Niña will reach its peak during November-December-January 2021 season and is expected to continue through March-April-May 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 November 2020

WEATHER SYSTEMS THAT AFFECTED THE COUNTRY

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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.



EASTERLIES

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



TAIL-END OF FRONTAL SYSTEM

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



NORTHEAST MONSOON (AMIHAN)

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

6

3 TROPICAL CYCLONES

Severe Tropical Storm (TS) "Siony" (Nov 1-7)
Tropical Storm (TS) "Tonyo" (Nov 7-9)
Typhoon (TY) "Ulysses" (Nov 8-13)



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



ABOVE NORMAL

120% greater than the normal

Most parts of Luzon



BELOW NORMAL

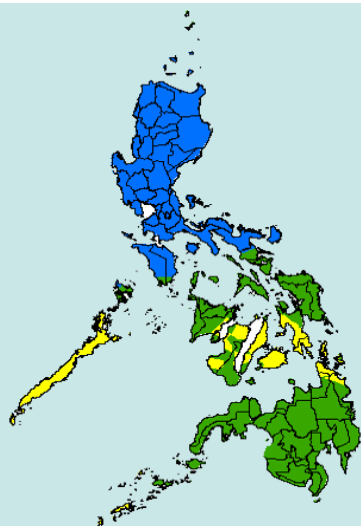
20%-60% reduction from the normal

Visayas and Mindanao



NEAR NORMAL

+20% or -20% from the normal



TEMPERATURE

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



Mountainous Luzon
12.0°C – 26.2°C



Metro Manila
20.9°C to 33.7°C



Mountainous Mindanao
15.5°C – 33.0°C



Lowlands Luzon
18.6°C – 35.6°C



Visayas
21.6°C – 34.4°C



Lowlands Mindanao
21.3°C – 36.2°C



PAYONG PAGASA

LA NIÑA ADVISORY NO. 3

Issued: 04 December 2020

Outlook in December 2020

EXPECTED WEATHER SYSTEMS



EASTERLIES

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



LOW PRESSURE AREA (LPA)

Areas of lowest pressure characterized by cloudiness and rainshowers; areas where a tropical cyclone can form



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



1 or 2 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



ABOVE NORMAL

120% greater than the normal

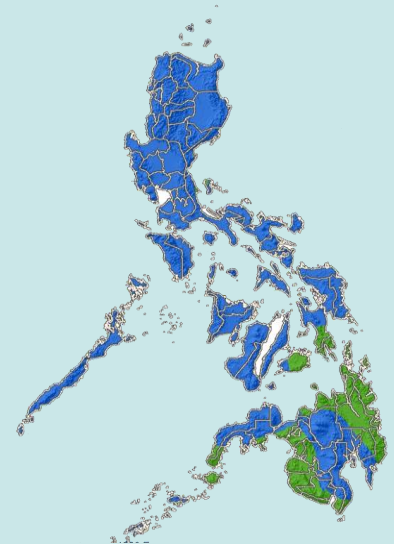
Most parts of the country



NEAR NORMAL

+20% or -20% from the normal

some areas of Mindanao



TEMPERATURE

Slightly above to near average surface temperatures are predicted in most parts of the country.



Mountainous Luzon
9.0°C – 27.5°C



Metro Manila
18.0°C to 34.5°C



Mountainous Mindanao
15.0°C – 33.5°C



Lowlands Luzon
12.0°C – 36.0°C



Visayas
19.5°C – 34.5°C



Lowlands Mindanao
18.5°C – 37.5°C