

PAYONG PAGASA

LA NIÑA ADVISORY NO. 4

Issued: 07 January 2021

OVERVIEW

La Niña continues to persist across the Tropical Pacific. Majority of climate models predict La Niña will likely to continue until January-February-March 2022 season (~80% chance), and returning to ENSO-neutral in March-April-May 2022 season (~60% chance).



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 December 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

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

NE

NORTHEAST MONSOON (AMIHAN)

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

TAIL-END OF 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 TROPICAL CYCLONES

Typhoon (TY) Odette "Rai" (Dec. 14-18).

RAINFALL CONDITION



BELOW NORMAL

20%-60% reduction from the normal

most parts of Luzon and Antique, Zamboanga Sibugay, Davao City, Davao del Sur, Davao Oriental and Basilan



NEAR NORMAL

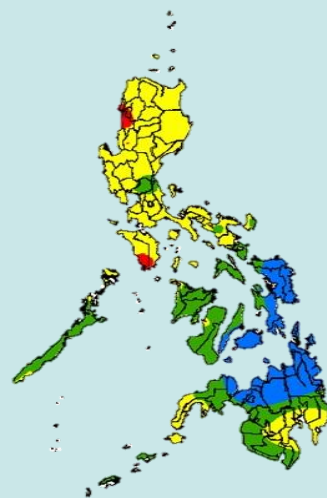
+20% or -20% from the normal

Palawan, Catanduanes, Masbate, Sorsogon, Visayas and Mindanao



ABOVE NORMAL

120% greater than the normal



TEMPERATURE

Mountainous Luzon

13.7°C – 22.7°C

Lowlands Luzon

19°C – 34.3°C

Metro Manila

22.7°C – 31.4°C

Visayas

23°C – 30.6°C

Mountainous Mindanao

18.8°C – 29.4°C

Lowlands Mindanao

22.8°C – 33.8°C



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Outlook in December 2021

EXPECTED WEATHER SYSTEMS



EASTERLIES

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



0 to 1 TROPICAL CYCLONES

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



NORTHEAST MONSOON (AMIHAN)

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

TAIL-END OF FRONTAL SYSTEM



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

RAINFALL CONDITION



BELOW NORMAL

20%-60% reduction from the normal

Ilocos Region and Central Luzon and northern Palawan



NEAR NORMAL

+20% or -20% from the normal

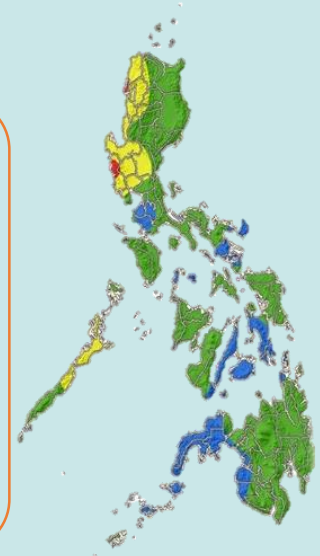
Region IV-A, Romblon, Albay, Catanduanes, Sorsogon, Leyte, Southern Leyte, most of Central Visayas, Zamboanga Peninsula and Bangsamoro Autonomous Region for Muslim Mindanao (BARMM).



ABOVE NORMAL

120% greater than the normal

Most parts of the country



TEMPERATURE

Generally, near average to slightly warmer than average air temperatures are forecasted in most parts of the country, except Batanes, Romblon, Southern Leyte and South Cotabato, where slightly cooler to cooler than average surface air temperatures are expected.



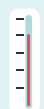
Mountainous Luzon
10°C to 27.5oC



Metro Manila
19 oC to 35oC



Mountainous Mindanao
17°C to 33.5oC



Lowlands Luzon
13°C to 37oC



Visayas
20°C to 35.0oC



Lowlands Mindanao
19°C to 36.5oC