



PAYONG PAGASA

LA NIÑA ADVISORY NO. 5

Issued: 04 February 2021

OVERVIEW

Moderate La Niña continue to persist across the tropical Pacific Ocean, although the sea surface temperatures (SSTs) in the eastern equatorial Pacific have slightly warmed during the month. Most climate models suggest La Niña is likely to continue through Jan-Feb-March (~90% chance), with a rising probability of returning to ENSO-neutral during Mar-April-May season (> 50%).



La Niña increases the likelihood of having above normal rainfall conditions across most areas of the country. Adverse impacts such as flooding and landslides are still expected over vulnerable areas.

Assessment in January 2021

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



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



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 FRONTAL SYSTEM

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

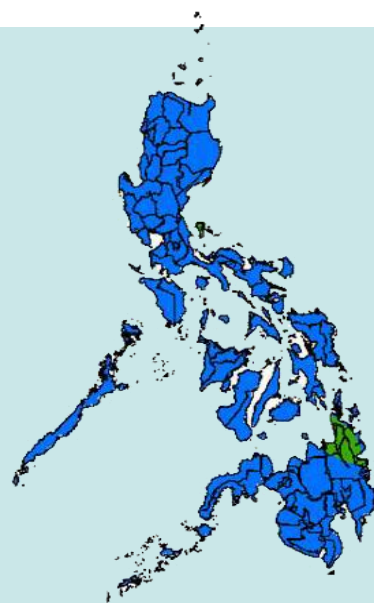
Agusan del Norte and Surigao del Sur



BELOW NORMAL

20%-60% reduction from the normal

Batanes



TEMPERATURE

Generally near to below average in most parts of the country however, it was observed to be near to cooler than normal during the day, while near to warmer than normal at night.



Mountainous Luzon
9.4°C – 24.6°C



Metro Manila
19.9°C to 33.3°C



Mountainous Mindanao
14.6°C – 32.1°C



Lowlands Luzon
14.0°C – 35.0°C



Visayas
19.5°C – 33.2°C



Lowlands Mindanao
18.0°C – 35.5°C



PAYONG PAGASA

LA NIÑA ADVISORY NO. 4

Issued: 04 February 2021

Outlook in February 2021

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



0 or 1 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



NEAR NORMAL

+20% or -20% from the normal



ABOVE NORMAL

120% greater than the normal

Most parts of the country



BELOW NORMAL

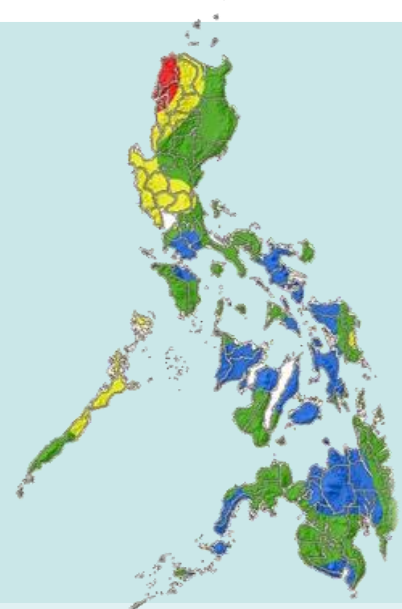
20%-60% reduction from the normal



WAY BELOW NORMAL

Greater than 60% reduction from the normal*

western and central

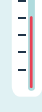


TEMPERATURE

Near to slightly below average surface air temperatures are predicted in most parts of Luzon and Visayas, while near to above average temperatures are expected mostly in Mindanao.



Mountainous Luzon
9.5°C – 27.0°C



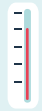
Metro Manila
18.5°C to 37.0°C



Mountainous Mindanao
14.0°C – 35.0°C



Lowlands Luzon
14.0°C – 36.5°C



Visayas
19.0°C – 37.0°C



Lowlands Mindanao
19.0°C – 37.0°C