



PAYONG PAGASA

LA NIÑA ADVISORY NO. 1

Issued: 02 October 2020

OVERVIEW

La Niña is present in the tropical Pacific. Since June 2020, the sea surface temperatures (SSTs) at the central and equatorial Pacific (CEEP) started to cool and further strengthened in September 2020 reaching La Niña threshold. Based on the latest forecast, weak to moderate La Niña is likely to persist until the first quarter of 2021.



La Niña is usually associated with 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 September 2020

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

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

3 TROPICAL CYCLONES
Typhoon (TY) "Kristine" (Sep 4-5)
Tropical Storm (TS) "Leon" (Sep 15-17)
Tropical Storm (TS) "Marce" (Sep 20-21)

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.

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

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

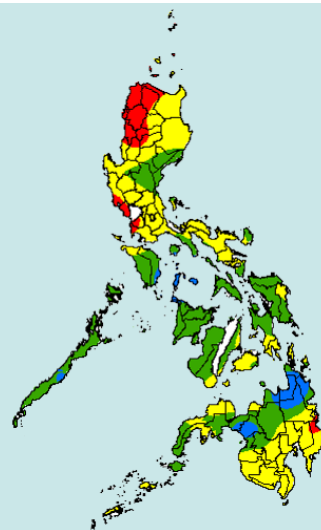
ABOVE NORMAL
120% greater than the normal

most parts of Visayas and Mindanao, Quirino, Nueva Ecija, Aurora, Catanduanes, Masbate and MIMAROPA

WAY BELOW NORMAL
Greater than 60% reduction from the normal*

BELOW NORMAL
20%-60% reduction from the normal

Bohol, Siquijor, Southern Leyte, Zamboanga del Norte and Sibugay, Misamis Occidental, Davao region, SOCSARGEN, Dinagat Island, Maguindano and Tawi-tawi



TEMPERATURE

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

Mountainous Luzon
14.0°C – 24.5°C

Metro Manila
23.1°C to 33.8°C

Mountainous Mindanao
17.5°C – 33.5°C

Lowlands Luzon
20.2°C – 35.3°C

Visayas
22.9°C – 36.5°C

Lowlands Mindanao
21.3°C – 35.9°C



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Outlook in October 2020

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.



2 or 3 TROPICAL CYCLONES

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



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



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

RAINFALL CONDITION



NEAR NORMAL

+20% or -20%
from the
normal

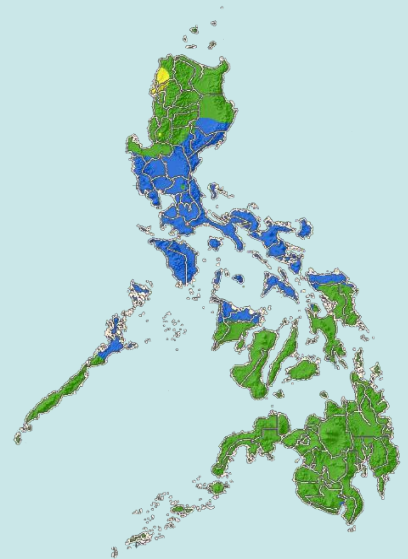
Cordillera Autonomous Region (CAR), Ilocos Region, Cagayan Region, most parts of Visayas and Mindanao



ABOVE NORMAL

120% greater than
the normal

major portions of
Central and Southern
Luzon, Bicol Region
including Metro Manila



TEMPERATURE

Near to above average surface temperatures are predicted in most parts of the country



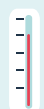
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14.5°C – 27.0°C



Metro Manila
22.5°C to 35.0°C



Mountainous Mindanao
17.0°C – 33.0°C



Lowlands Luzon
20.0°C – 36.5°C



Visayas
20.0°C – 35.5°C



Lowlands Mindanao
18.5°C – 33.0°C