



PAYONG PAGASA

LA NIÑA ADVISORY NO. 10

Issued: 05 July 2022

OVERVIEW

Despite La Niña is weakening in the Tropical Pacific, most climate models predict La Niña may still persist until the end of the year, with a 52-59% chance.



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 and sectors of the country.

Assessment in June 2022

WEATHER SYSTEMS THAT AFFECTED THE COUNTRY



SOUTHWEST MONSOON (HABAGAT)

Warm moist winds from the southwest causing rains over the western portion of the country from May to September



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



INTERTROPICAL CONVERGENCE ZONE (ITCZ)

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



RIDGE OF HIGH PRESSURE AREA (HPA)

An extension of a high pressure area characterized by very light wind and clear skies



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 OR SHEARLINE

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



2 TROPICAL CYCLONE

- Tropical Depression (TD) "Caloy" (June 28-30)
- Tropical Storm (TS) "Domeng" (June 30 – Jul 02)

RAINFALL CONDITION



BELOW NORMAL

20%-60% reduction from the normal



NEAR NORMAL

+20% or -20% from the normal

Rest of the country



ABOVE NORMAL

120% greater than the normal

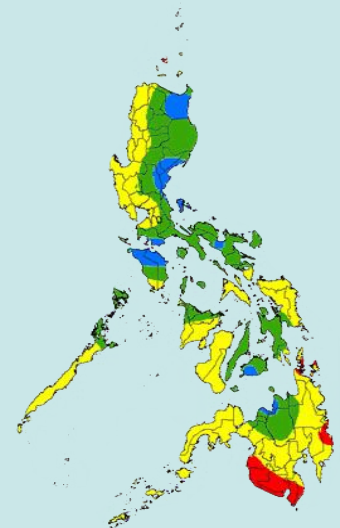
Quirino and Aurora Province



WAY BELOW NORMAL

Greater than 60% reduction from the normal*

Davao Occidental, South Cotabato, Sarangani, and Sultan Kudarat



TEMPERATURE

Most parts of the country experienced near average to cooler than average surface air temperatures during the month, while the rest of the country experienced slightly warmer to warmer than average temperatures.



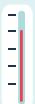
Mountainous Luzon
14.3°C – 25.6°C



Metro Manila
21.5°C – 36.2°C



Mountainous Mindanao
17.8°C – 33.5°C



Lowlands Luzon
18.3°C – 36.9°C



Visayas
20.4°C – 35.5°C



Lowlands Mindanao
21.2°C – 36.0°C



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Outlook in July 2022

EXPECTED WEATHER SYSTEMS



RIDGE OF HIGH PRESSURE AREA (HPA)

An extension of a high pressure area characterized by very light wind and clear skies



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



LOW PRESSURE AREA (LPA)

Areas of lowest pressure characterized by cloudiness and rain showers; 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 rain showers



E EASTERLIES

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



TAIL END OF FRONTAL SYSTEM OR SHEARLINE

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



2 or 3 TROPICAL CYCLONES

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

RAINFALL CONDITION



BELOW NORMAL

20%-60% reduction from the normal



NEAR NORMAL

+20% or -20% from the normal

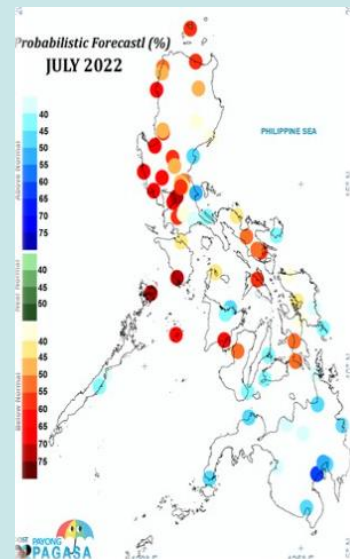
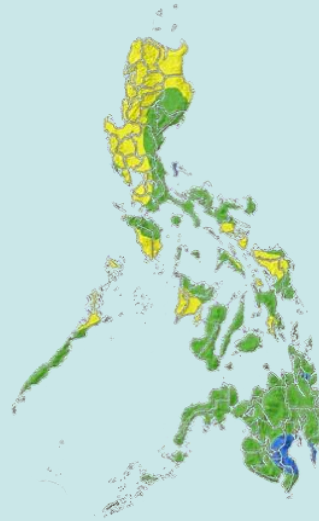


ABOVE NORMAL

120% greater than the normal

Luzon and Visayas

Davao del Sur and Davao Occidental



BELOW NORMAL

20%-60% reduction from the normal

ABOVE NORMAL

120% greater than the normal

- probability of having below normal rainfall conditions in most parts of Luzon and Visayas is high
- Mindanao, there is high probability of having above normal rainfall

TEMPERATURE

Generally, near average to warmer than average surface air temperatures are predicted in most parts of the country.

Mountainous Luzon
14.5°C to 28.0°C

Metro Manila
22.5°C to 37.5°C

Mountainous Mindanao
16.0°C to 33.5°C

Lowlands Luzon
21.0°C to 39.0°C

Visayas
21.0°C to 37.0°C

Lowlands Mindanao
20.0°C to 37.0°C