

PAYONG PAGASA

LA NIÑA ADVISORY NO. 15

OVERVIEW

Equatorial sea surface temperatures (SSTs) remain below average across the Tropical Pacific Ocean and the atmospheric condition is consistent with La Niña level. Most of the climate models suggest that La Niña is likely to continue until Jan-Feb-Mar (JFM) 2023 and may transition to ENSO-neutral conditions thereafter.



Issued: 07 December 2022



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.

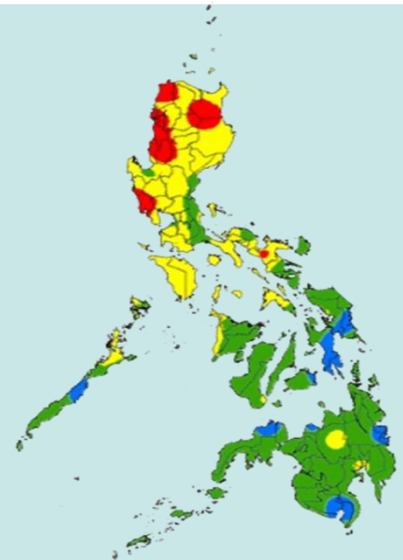
Assessment in November 2022

WEATHER SYSTEMS THAT AFFECTED THE COUNTRY

<p>NE NORTHEAST MONSOON (AMIHAN)</p>  <p>Cold and drier winds from the northeast bring rains over the eastern side of the country</p>	<p>L LOW PRESSURE AREA (LPA)</p> <p>Areas of lowest pressure characterized by cloudiness and rainshowers; areas where a tropical cyclone can form</p>	<p>III INTERTROPICAL CONVERGENCE ZONE (ITCZ)</p> <p>Series of low pressure areas brought about by converging northeast (NE) and southeast (SE) winds that cause thunderstorms and rainshowers</p>	<p>↖ ↗ TAIL-END OF FRONTAL SYSTEM (SHEAR LINE)</p> <p>Zone of converging winds associated with the extension of a frontal system that often brings thunderstorms and rainshowers</p>
<p>E EASTERLIES</p>  <p>Warm winds blowing from the east that may bring cloudiness over the eastern part of the country</p>	<p>☁ LOCALIZED THUNDERSTORM</p> <p>Isolated heavy and dense dark clouds with one or more sudden electric discharges manifested by lightning and thunder often accompanied by showers of rain.</p>	<p>6 0 TROPICAL CYCLONE</p> <p>“Bagyo”; may refer to tropical depression, tropical storm, severe tropical storm, typhoon, or super typhoon.</p>	

RAINFALL CONDITION

<p>WAY BELOW NORMAL Greater than 60% reduction from the normal*</p> <p>BELOW NORMAL 20%-60% reduction from the normal</p> <p>most parts of Luzon</p>	<p>NEAR NORMAL +20% or -20% from the normal</p> <p>most provinces in Visayas and Mindanao</p>
<p>NEAR NORMAL +20% or -20% from the normal</p> <p>ABOVE NORMAL 120% greater than the normal</p> <p>provinces of Batanes, Rizal, Palawan, Albay, Catanduanes and Sorsogon</p>	<p>ABOVE NORMAL 120% greater than the normal</p> <p>Leyte provinces, South Cotabato and Sarangani</p>



TEMPERATURE

Generally, near to warmer than average surface air temperatures were felt in most parts of the country except for slightly cooler than average surface temperatures in Romblon and General Santos City.

<p>Mountainous Luzon 15.3°C – 26.6°C</p>	<p>Metro Manila 22.3°C – 35.2°C</p>	<p>Mountainous Mindanao 16.5°C – 34.0°C</p>
<p>Lowlands Luzon 19.6°C – 35.2°C</p>	<p>Visayas 21.7°C – 35.6°C</p>	<p>Lowlands Mindanao 21.5°C – 35.7°C</p>



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Outlook in December 2022

EXPECTED WEATHER SYSTEMS



NE NORTHEAST MONSOON (AMIHAN)

Cold and drier winds from the northeast bring rains over the eastern side of the country



E 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



L LOW PRESSURE AREA (LPA)

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



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 (SHEAR LINE)

Zone of converging winds associated with the extension of a frontal system 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.

RAINFALL CONDITION



NEAR NORMAL

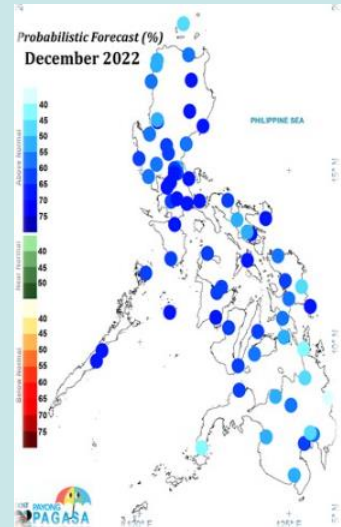
+20% or -20% from the normal



ABOVE NORMAL

120% greater than the normal

Most areas of the country



ABOVE NORMAL

120% greater than the normal

high probability for above-normal rainfall conditions

TEMPERATURE

Generally, forecast air temperatures across the country indicate near average to warmer than average except for slightly cooler than average temperature over Romblon province.



Mountainous Luzon
9.5°C to 27.5°C



Metro Manila
18.5°C to 35.0°C



Mountainous Mindanao
15.0°C to 33.5°C



Lowlands Luzon
17.0°C to 36.0°C



Visayas
19.0°C to 35.0°C



Lowlands Mindanao
19.5°C to 36.0°C