



# PAYONG PAGASA SEASONAL CLIMATE OUTLOOK



Issued: 15 July 2024

## OVERVIEW

El Niño Southern Oscillation (ENSO)-neutral levels are present in the tropical Pacific. However, most climate models combined with expert judgements suggest 70% chance of La Niña forming in August-September-October (ASO) 2024 season and is likely to persist until the first quarter of 2025. With this development, the DOST-PAGASA ENSO Alert and Warning System has been raised to **La Niña Alert**.



La Niña increases the likelihood of having above-normal rainfall conditions that could lead to potential adverse impacts (such as heavy rainfall, floods, flash floods, and rain-induced landslides) over highly vulnerable areas.

## July to September 2024 Outlook

*ENSO-neutral conditions may still persist during the season. However, transitioning towards La Nina conditions may start from the month of August to September 2024.*

## WEATHER SYSTEMS THAT MAY AFFECT THE COUNTRY



**SOUTHWEST MONSOON (HABAGAT)**  
Warm moist winds from the southwest caused 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 causes thunderstorms and rain showers



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



**LOCALIZED THUNDERSTORM**  
Warm isolated heavy and dense dark clouds with one or more sudden electric discharges manifested by lightning and thunder often accompanied by showers of rains



**SHEAR LINE**  
Zone of converging winds associated with the extension of a frontal system that often brings thunderstorms and rain showers



**FRONTAL SYSTEM**  
Zone of converging winds that stays in one area for a while which often brings thunderstorms and rain showers



**LOW PRESSURE AREA (LPA)**  
Areas of lowest pressure characterized by cloudiness and rain showers; 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



**6 TO 9 TROPICAL CYCLONE OR "BAGYO"**  
"Bagyo"; may refer to tropical depression, tropical storm, severe tropical storm, typhoon, or super typhoon.

## RAINFALL CONDITION



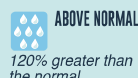
**NEAR NORMAL**  
Most parts of the country



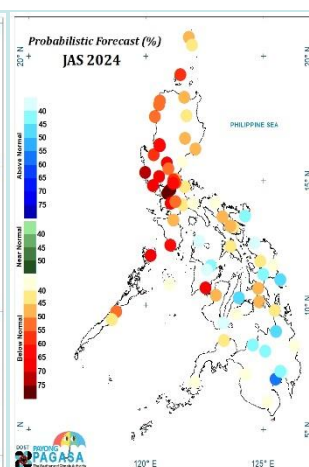
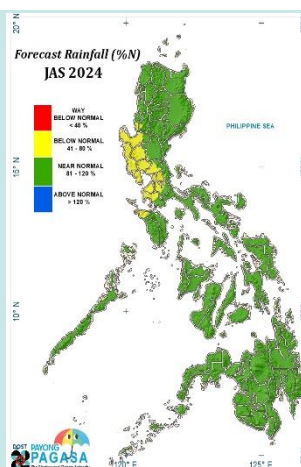
**BELOW NORMAL**  
western section of Central Luzon and CALABARZON, La Union, Pangasinan and Metro Manila



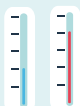
**BELOW NORMAL**  
high probability in most parts of Luzon and some parts of Visayas



**ABOVE NORMAL**  
40 – 45% probability for rest the country



## TEMPERATURE



Surface air temperatures are expected to be generally near average to above average with some stations such as Infanta, San Jose, Daet, Romblon and Bohol that will likely experience slightly below average temperatures.



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



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## October to December 2024 Outlook

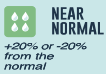
### WEATHER SYSTEMS THAT MAY AFFECT THE COUNTRY

During the period, La Niña will likely continue (81% chance), although forecasted to be weak and is expected to prevail until the January – March (JFM) 2025.

The month of October marks the transition towards the Northeast (NE) monsoon season.

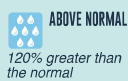
<p><b>NE</b> <b>NORTHEAST MONSOON (AMIHAN)</b> Cold and drier winds from the northeast bring rains over the eastern side of the country</p> 	<p><b>E</b> <b>EASTERLIES</b> Warm winds blowing from the east may bring cloudiness over the eastern part of the country</p> 	<p><b>INTERTROPICAL CONVERGENCE ZONE (ITCZ)</b> Series of low pressure areas brought about by converging northeast (NE) and southeast (SE) winds that causes thunderstorms and rainshowers</p> 
<p><b>L</b> <b>LOW PRESSURE AREA (LPA)</b> Areas of lowest pressure characterized by cloudiness and rain showers; areas where a tropical cyclone can form</p> 	<p><b>(((H</b> <b>RIDGE OF HIGH PRESSURE AREA (HPA)</b> An extension of a high pressure area characterized by very light wind and clear skies</p> 	<p><b>SHEAR LINE</b> Zone of converging winds associated with the extension of a frontal system that often brings thunderstorms and rain showers</p> 
<p><b>FRONTAL SYSTEM</b> Zone of converging winds that stays in one area for a while which often brings thunderstorms and rain showers</p> 	<p><b>4 TO 7 TROPICAL CYCLONE OR "BAGYO"</b> "Bagyo"; may refer to tropical depression, tropical storm, severe tropical storm, typhoon, or super typhoon.</p> 	

### RAINFALL CONDITION



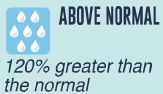
**NEAR NORMAL**  
+20% or -20% from the normal

eastern portions of Mindanao



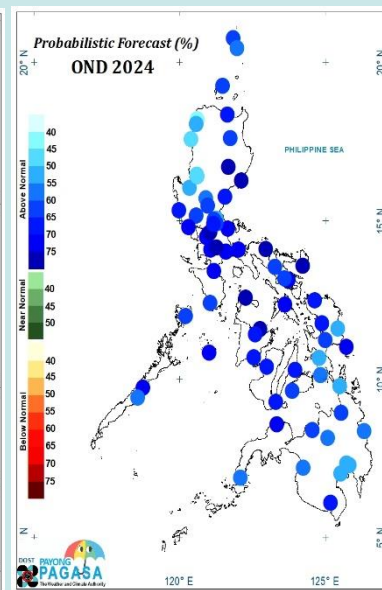
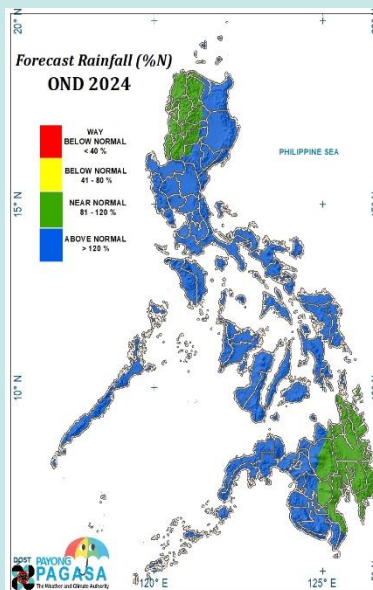
**ABOVE NORMAL**  
120% greater than the normal

Most of Luzon except northwest portions, whole of Visayas, and western portions of Mindanao



**ABOVE NORMAL**  
120% greater than the normal

High probability in most parts of the country



### TEMPERATURE



Meanwhile, surface air temperatures are predicted to be generally near average to above average except for Romblon where slightly below average temperature is anticipated.