



# PAYONG PAGASA

## ENSO ADVISORY EL NIÑO ADVISORY NO. 5

CLIMPS-09 rev.0/15-08-2023  
Issued: 07 November 2023

### OVERVIEW









A moderate-to-strong El Niño is present in the tropical Pacific, showing signs of further intensification in the coming months as sea surface temperature anomalies (SSTAs) reach more than 1.5°C. Recent analyses from global climate models suggest that El Niño will likely continue until the second quarter of 2024.



El Niño increases the likelihood of below-normal rainfall conditions, which could bring negative impacts (such as dry spells and droughts) in some areas of the country which will likely be manifested during the last quarter of the year and unto the first quarter of next year. This may adversely affect the different climate-sensitive sectors such as the water resources, agriculture, energy, health, public safety and other key sectors of the country.

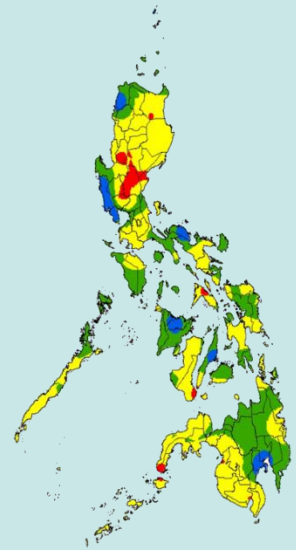
### Assessment in October 2023

## WEATHER SYSTEMS THAT AFFECTED THE COUNTRY

<p><b>SW SOUTHWEST MONSOON (HABAGAT)</b></p>  <p>Warm moist winds from the southwest causing rains over the western portion of the country from May to September</p>	<p><b>NE NORTHEAST MONSOON (AMIHAN)</b></p>  <p>Cold and drier winds from the northeast bring rains over the eastern side of the country</p>	<p><b>LOCALIZED THUNDERSTORM</b></p>  <p>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</p>	<p><b>INTERTROPICAL CONVERGENCE ZONE (ITCZ)</b></p>  <p>Series of low pressure areas brought about by converging northeast (NE) and southeast (SE) winds that causes thunderstorms and rainshowers</p>
<p><b>SHEAR LINE</b></p>  <p>Zone of converging winds associated with the extension of a frontal system that often brings thunderstorms and rain showers</p>	<p><b>L LOW PRESSURE AREA (LPA)</b></p>  <p>Areas of lowest pressure characterized by cloudiness and rain showers; areas where a tropical cyclone can form</p>	<p><b>E EASTERLIES</b></p>  <p>Warm winds blowing from the east may bring cloudiness over the eastern part of the country</p>	<p><b>6 PASSAGE OF 1 TROPICAL CYCLONE OR 'BAGYO'</b></p>  <p>Typhoon (TY) "JENNY" {KOINU} September 29 – October 5</p>

## RAINFALL CONDITION




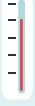


<p><b>NEAR NORMAL</b></p>  <p>+20% or -20% from the normal</p> <p>most parts of the country</p>	<p><b>BELOW NORMAL</b></p>  <p>20%-60% reduction from the normal</p> <p>Nueva Ecija</p>
<p><b>ABOVE NORMAL</b></p>  <p>120% greater than the normal</p> <p>Ilocos Norte, Batanes, Camarines Norte, Capiz and Davao City</p>	



\*three (3) provinces have experienced meteorological dry spell (three consecutive months of below normal rainfall conditions): **Batangas, Cavite, and Oriental Mindoro**, while five (5) provinces have experienced dry conditions (two consecutive months of below normal rainfall conditions): **Kalinga, Apayao, Cagayan, Laguna, and Palawan**. See Drought Assessment Map (<https://bagong.pagasa.dost.gov.ph/climate/el-nino-la-nina/advisories>)

## TEMPERATURE

Generally, the mean surface air temperatures observed across the country were near-average to warmer than average, except in Coron, where slightly cooler than average temperature were experienced.

 <b>Mountainous Luzon</b> 15.6°C to 25.6°C	 <b>Metro Manila</b> 22.9°C to 34.5°C	 <b>Mountainous Mindanao</b> 17.0°C to 33.5°C
 <b>Lowlands Luzon</b> 20.5°C to 36.5°C	 <b>Visayas</b> 22.8°C to 36.6°C	 <b>Lowlands Mindanao</b> 21.8°C to 36.4°C



### Outlook in November 2023

## EXPECTED WEATHER SYSTEMS



#### NORTHEAST MONSOON (AMIHAN)

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



#### 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



#### LOW PRESSURE AREA (LPA)

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



#### PASSAGE OF 1 OR 2 TROPICAL CYCLONES OR 'BAGYO'

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

## RAINFALL CONDITION



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



**BELOW NORMAL**  
20%-60% reduction from the normal



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

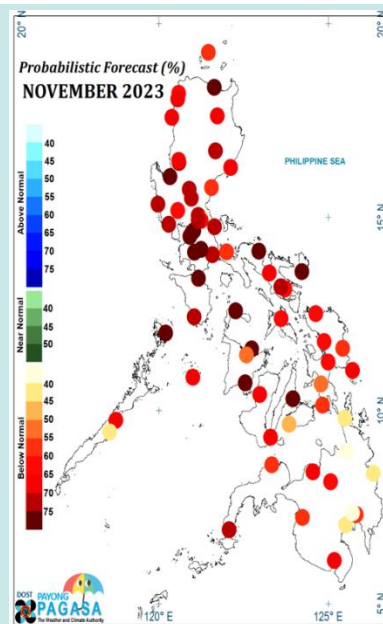
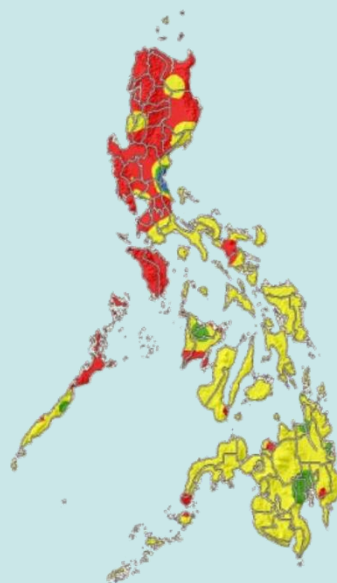
most parts the country

Davao City and Davao del Norte



**BELOW NORMAL**  
20%-60% reduction from the normal

very high probability in most parts of the country



## TEMPERATURE

Generally, near average to warmer than average air temperatures are forecasted over the country, except in Benguet, San Jose, Occidental Mindoro and Coron, Palawan, where slightly cooler to cooler than average are expected.



Mountainous Luzon  
12.0°C to 27.0°C



Metro Manila  
21.0°C to 36.0°C



Mountainous Mindanao  
15.0°C to 34.0°C



Lowlands Luzon  
17.0°C to 36.5°C



Visayas  
19.0°C to 37.5°C



Lowlands Mindanao  
20.0°C to 37.5°C