



# PAYONG PAGASA

## LA NIÑA ADVISORY NO. 16

### OVERVIEW

Equatorial sea surface temperatures (SSTs) remain below average across most of the Pacific Ocean and the atmospheric condition is consistent with La Niña level. Most of the climate models suggest that La Niña is weakening and is expected to persist until Dec- Jan-Feb (DJF) 2023, then transition to ENSO-neutral afterwards.

Issued: 05 January 2023



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 December 2023

### WEATHER SYSTEMS THAT AFFECTED THE COUNTRY

**NE**  
**NORTHEAST MONSOON (AMIHAN)**  
Cold and drier winds from the northeast bring rains over the eastern side 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

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

**E**  
**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.

**1 TROPICAL CYCLONE**  
Tropical Storm (TS) Rosal with international name "PAKHAR" (Dec 10-12)

### 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

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

most parts of Luzon

most provinces in Visayas and Mindanao

Bicol Region and the provinces of Apayao, Batanes, Cagayan, Quezon, Marinduque, Romblon and Palawan

### TEMPERATURE

Generally, near average surface air temperatures were felt in most parts of the country except for slightly cooler than average surface temperatures that were observed in Tayabas, Daet, Coron, Romblon and General Santos City.

<p>Mountainous Luzon 12.0°C – 25.4°C</p>	<p>Metro Manila 20.5°C – 33.6°C</p>	<p>Mountainous Mindanao 17.3°C – 32.5°C</p>
<p>Lowlands Luzon 13.2°C – 35.3°C</p>	<p>Visayas 21.3°C – 35.0°C</p>	<p>Lowlands Mindanao 20.5°C – 35.3°C</p>



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Issued: 05 January 2023

### Outlook in January 2023

## 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



### LOW PRESSURE AREA (LPA)

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



### 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.



### SHEAR LINE

Zone of converging winds associated with the extension of a frontal system that often brings thunderstorms and rainshowers



### 0 or 1 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



### BELOW NORMAL

20%-60% reduction from the normal

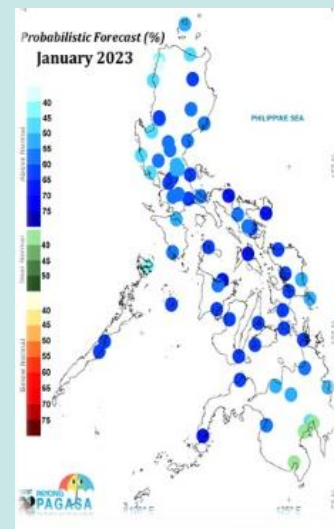
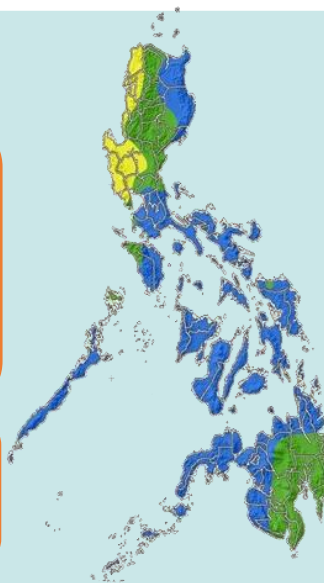
in Abra, Region I, and most parts of Central Luzon



### ABOVE NORMAL

120% greater than the normal

high probability for above-normal rainfall conditions



## TEMPERATURE

Generally, near average to warmer than average air temperatures are forecasted in most parts of the country, except Batanes, Romblon, Masbate, Cuyo, Palawan, Bohol and Leyte where slightly cooler to cooler than average surface air temperatures are expected.



Mountainous Luzon  
9.4°C to 27.9°C



Metro Manila  
18.2°C to 34.2°C



Mountainous Mindanao  
13.4°C to 33.3°C



Lowlands Luzon  
13.0°C to 35.5°C



Visayas  
19.9°C to 34.5°C



Lowlands Mindanao  
18.6°C to 36.5°C