



PAYONG PAGASA

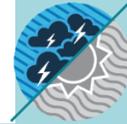
LA NIÑA ADVISORY NO. 18A (FINAL)

CLIMPS-09 Rev.0/06-01-22

Issued: 10 March 2023

OVERVIEW

La Niña (cold phase) condition has ended. Most of the climate models predict that ENSO-neutral (neither La Niña nor El Niño) is favored from March through June this year with an increased likelihood of a transition to El Niño (warm phase) thereafter.



Although La Niña has already ended, its lag effect may still influence the probability of above-normal rainfall conditions in the coming months, potentially leading to adverse impacts (such as heavy rainfall, floods, flash floods, and rain-induced landslides) in some highly vulnerable areas.

Assessment in February 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

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.

ZERO TROPICAL CYCLONE

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

RIDGE OF HIGH PRESSURE AREA (HPA)

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

RAINFALL CONDITION

BELOW NORMAL

20%-60% reduction from the normal

Abra, Ilocos provinces, Quirino, Aurora, Occidental Mindoro, Davao del Sur, Davao Occidental, South Cotabato, Sarangani and Metro Manila

NEAR NORMAL

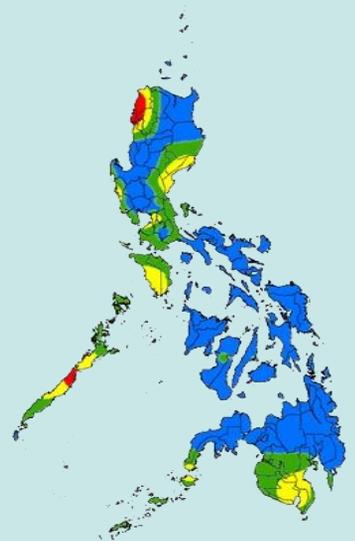
+20% or -20% from the normal

Apayao, Batanes, Bataan, Nueva Ecija, Zambales, Batangas, Cavite, Laguna, Rizal, Oriental Mindoro, Palawan, Davao City, Cotabato, Sultan Kudarat, Basilan, Maguindanao

ABOVE NORMAL

120% greater than the normal

54 provinces



TEMPERATURE

Generally, near-average to slightly above-average mean surface air temperatures were observed in most parts of the country except for Tayabas, Coron, Romblon, Guiuan, and General Santos City where slightly below-average temperatures were experienced. Moreover, based on these observations, February daytime environments were generally cooler than average while the night-time was mostly warmer than average.

Mountainous Luzon
10.2°C – 25.4°C

Metro Manila
20.2°C – 34.1°C

Mountainous Mindanao
16.0°C – 33.0°C

Lowlands Luzon
15.4°C – 36.6°C

Visayas
21.5°C – 34.4°C

Lowlands Mindanao
21.0°C – 35.7°C



Outlook in March 2023

EXPECTED WEATHER SYSTEMS

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

L **LOW PRESSURE AREA (LPA)**
Areas of lowest pressure characterized by cloudiness and rainshowers; areas where a tropical cyclone can form

ITCZ **INTERTROPICAL CONVERGENCE ZONE (ITCZ)**
Series of low pressure areas brought about by converging Northeast (NE) and Southeast (SE) winds that cause thunderstorms and rainshowers

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

LT **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.

TC **ZERO OR 1 TROPICAL CYCLONE**
"Bagyo"; may refer to a tropical depression, tropical storm, severe tropical storm, typhoon, or super typhoon.

RHPA **RIDGE OF HIGH PRESSURE AREA (HPA)**
An extension of a high pressure area characterized by a very light wind and clear skies

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

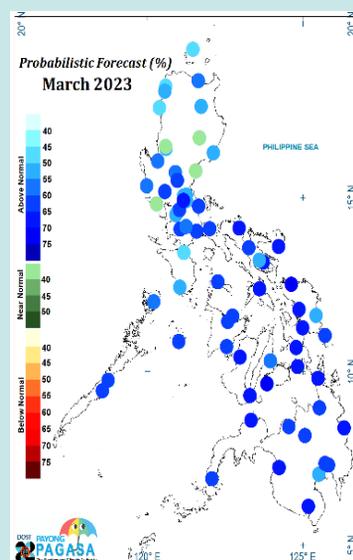
RAINFALL CONDITION

NR **NEAR NORMAL** **AN** **ABOVE NORMAL**
+20% or -20% from the normal
120% greater than the normal

High probability in most areas of the country

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

Some provinces over the western section of Northern Luzon and the northern part of Palawan



TEMPERATURE

Near to slightly above-average mean surface air temperatures are forecast in most parts of the country, except for some areas that may experience slightly below-average temperatures including Calayan, Ilocos Sur, Batangas, Northern Palawan, Occidental Mindoro, Romblon, Masbate, Samar, Southern Leyte, and Bohol.

ML **Mountainous Luzon**
10.8°C to 28.1°C

MM **Metro Manila**
19.0°C to 36.0°C

MM **Mountainous Mindanao**
14.0°C to 34.3°C

LL **Lowlands Luzon**
16.5°C to 37.1°C

VS **Visayas**
19.7°C to 36.0°C

LM **Lowlands Mindanao**
19.0°C to 37.8°C