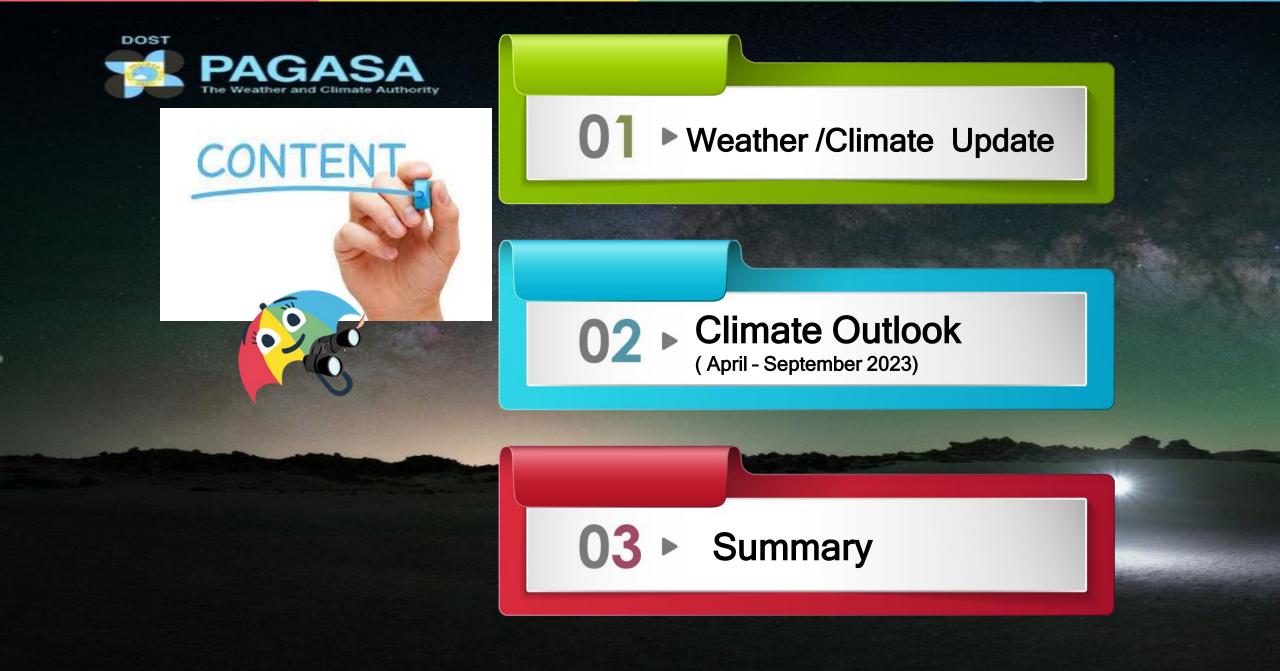
RDRRMC MIMAROPA 1ST Quarterly Meeting 23 March 2023

CLIMATE OUTLOOK for MIMAROPA APRIL - SEPTEMBER 2023

Prepared by: PAGASA-DOST Climatology & Agrometeorology Division (CAD) Climate Monitoring and Prediction Section (CLIMPS)

Presented by: ANA LIZA S. SOLIS Chief, CLIMPS



PAGASA ISSUANCES



Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

PRESS STATEMENT DOST-PAGASA S & T Media Service Quezon City, 21 March 2023

TERMINATION OF THE NORTHEAST MONSOON

Recent analyses indicate a retreat of the High-Pressure Area over Siberia, which resulted in the weakening of northeasterly winds and an increase in the air temperature over most parts of the country. Furthermore, the strengthening of the North Pacific High has led to a gradual shift in the wind pattern from northeasterly to easterly. These signify the end of the Northeast Monsoon (Amihan) and the beginning of the warm and dry season, which is expected to last until May.

In the coming months, warmer temperatures are expected, and rainfall across the country will be influenced mostly by easterlies and localized thunderstorms. The public is advised to take precautionary measures to minimize heat stress and optimize the daily use of water for personal and domestic consumption.

PAGASA will continue to monitor the weather and climate situation of the country. For more information, you may reach us by phone at (02) 8284-0800 local 4801(Weather Forecasting Section) and 4920 (Climate Monitoring and Prediction Section) or through email at information@pagasa.dost.gov.ph; pagasa.climps@gmail.com.

Original Signed:

VICENTE B. MALANO, Ph.D. Administrator

"tracking the sky...helping the country"

Science Garden Compound, BIR Road, Brgy.Central, Quezon City, Metro Manila, Philippines 1100 Tel. No. (02) 8284-08-00 Website: http://bagong.pagasa.dost.gov.ph

Goodbye, Taglamig! Hello, Tag-init!





Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Press Statement DOST-PAGASA S&T Media Service 23 March 2022, Quezon City

Preparation for Warm and Dry Season

After the termination of the Northeast Monsoon and the start of the dry season, recent observations from several DOST-PAGASA stations showed a gradual increase in daily temperature over many parts of the country and the strengthening of the North Pacific High. Furthermore, the number of dry and warm days across the country will continue to increase, though isolated thunderstorms are also likely to occur, especially in the afternoon or evening hours.

The public and all concerned government agencies are advised to take precautionary measures to minimize heat stress, optimize the daily use of water for personal and domestic consumption, and prevent any accompanying health risks associated with this climate condition.

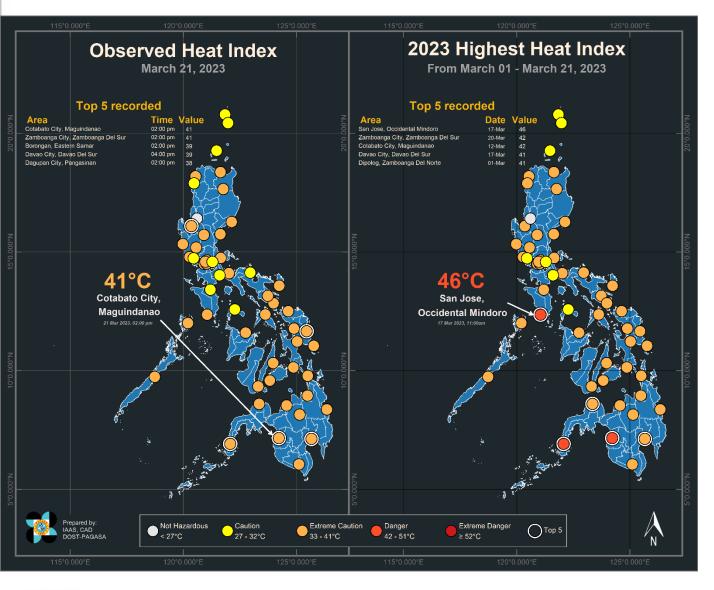
PAGASA will continue to monitor the weather and climate situation of the country. For more information, you may reach us by phone at (02) 8284-0800 local 4801(Weather Forecasting Section) and 4920 (Climate Monitoring and Prediction Section) or through email at information@pagasa.dost.gov.ph; pagasa.climps@gmail.com.

Original Signed:

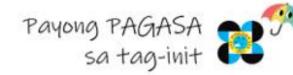
VICENTE B. MALANO, Ph.D. Administrator











Effect on the body

Fatigue is possible with prolonged exposure and activity. Continuing activity could lead to heat cramps.

Heat cramps and heat exhaustion are possible. Continuing activity could lead to heat stroke.

Heat cramps and heat exhaustion are likely; heat stroke is probable with continued exposure.

Heat stroke is imminent.

Note: heat index values adapted from Steadman, 1979; Iassification threshold adapted from National Weather Services, National Oceanic and Atmospheric Administration (NWS-NOAA).





Gaano ba kainit ang Panahon?

Ang init na nararamdaman ng katawan ng tao *(apparent temperature)* ay hindi akmang nasusukat gamit lamang ang temperatura ng hangin *(air temperature)*. Ito ay mas tamang naitataya kung isasama ang datos ng alinsangan o halumigmig *(relative humidity)*. Ang impormasyon na ito ay tinatawag na **Heat Index** at ito ay matutukoy gamit ang Heat Index Chart na nasa kanan.

Mula Marso hanggang Mayo, ang DOST-PAGASA ay nagbibigay ng *Heat Index monitoring and forecast information* na makikita online sa sumusunod na URL:

http://bagong.pagasa.dost.gov.ph/climate/climate-heat-index

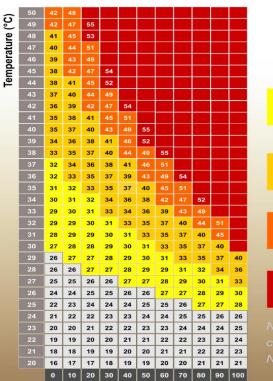
Important survival information about heat-related illnesses*:

Causes:

- Prolonged exposure to hot temperatures
- Exhausting activities in a warm weather
- Age (the elderly and infants)
- Weak immune system
- High humidity
- Obesity
- Chronic alcoholism

Symptoms :

- Sweating heavily
- Exhaustion or fatigue
- Dizziness or light headedness
- Blacking out or feeling dizzy when standing
- Weak but fast pulse
- Feeling of nausea
- Vomiting



Relative Humidity (%)

Drink plenty of water

Limit the time spent outdoors

Wear umbrellas, hats, and

sleeved clothing outdoors

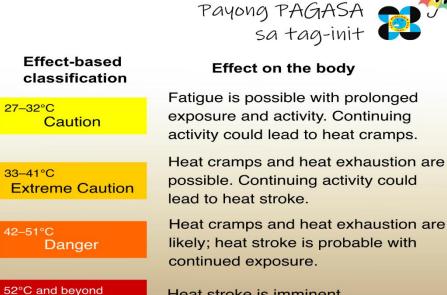
• Schedule heavy-duty activities

for the beginning or end of

the day, when it's cooler

• Avoid tea, coffee, soda and liquor

Prevention:



Heat stroke is imminent.

Note: heat index values adapted from Steadman, 1979; classification threshold adapted from National Weather Services, National Oceanic and Atmospheric Administration (NWS-NOAA)

Extreme Danger

Emergency response:

- Move the person to a shady spot and lie him/her down with legs elevated. If conscious have them sip cool water.
- Remove clothing, apply cool water to the skin and provide ventilation.
- Apply ice packs to the armpits,
- wrists, ankles, and groin.
- Bring to a hospital immediately

* 1) Health Advisory on Heat Stroke. Department of Health; 2) https://www.webmd.com/first-aid/understanding-heat-related-illness-basics.

Steadman, R. G. (1979). The Assessment of Sultriness. Part I: A Temperature-Humidity Index Based on Human Physiology and Clothing Science, Journal of Applied Meteorology and

Climatology, 18(7), 861-873. Retrieved Mar 2, 2022, from https://journals.ametsoc.org/view/journals/apme/18/7/1520-0450_1979_018_0861_taospi_2_0_co_2.xr

Heat Index Chart

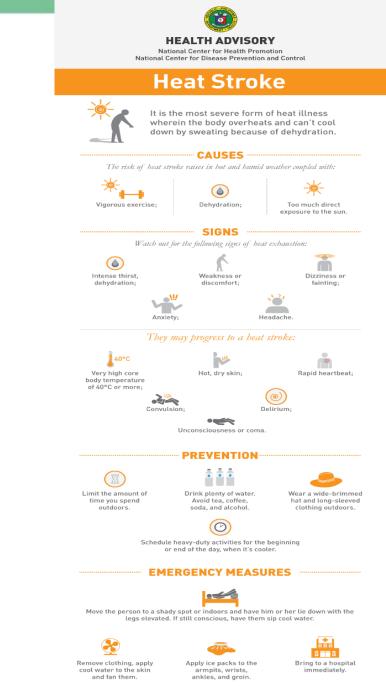


Causes or risk factors

- Hot and humid weather
- Too much direct exposure to the sun
- Vigorous exercise in hot weather
- Dehydration

Prevention

- During very hot and humid weather
 - ✓ Limit the amount of time you spend outdoors
 - ✓ Drink plenty of water
 - ✓ Avoid tea, coffee, soda, and alcohol
 - Wear a wide-brimmed hat & long- sleeved clothing when outdoors.
 - ✓ Schedule heavy-duty activities for the beginning or end of the day, when it's cooler





~

FORECAST RANGES OF EXTREME TEMPERATURE (APRIL-SEPTEMBER)



Updated : 22 March 2023

	TMAX Summary	Ар	r-23	Ма	y-23	Jun	-23	Jul	-23	Aug	g-23	Sep)-23	
	T MIAX Outfining	Tmax	Range	Tmax-	Range	Tmax-	Range	Tmax-	Range	Tmax-	Range	Tmax-	Range	
	Northern Luzon	30.2	39.4	31.3	40.0	31.7	39.3	31.1	38.2	30.7	37.5	30.2	36.6	
	Lowlands Luzon	30.4	39.2	31.5	39.2	30.3	38.0	29.5	38.8	28.3	38.2	28.6	37.0	
_	Mountainous Luzon	26.8	29.0	26.1	28.3	26.4	28.4	25.0	26.8	23.7	26.6	25.3	26.5	
	Metro Manila	35.6	37.8	35.9	37.9	34.5	37.3	33.5	36.4	32.4	36.2	33.1	35.4	
-	Lowlands Visayas	32.0	36.8	32.6	37.1	32.8	37.0	32.0	36.5	31.9	36.6	32.1	36.1	-
	Lowlands Mindanao	32.6	38.3	33.5	38.1	33.9	37.4	33.4	38.5	33.5	38.6	33.8	38.7	
	Mountainous Mindanao	33.3	35.0	33.0	35.0	31.9	33.4	31.1	33.0	32.0	33.4	32.0	33.5	
														1
	TMIN Summary	Ар	r-23	Ma	y-23	Jun	-23	Jul	-23	Aug	g-23	Sep	o-23	
	TMIN Summary		r-23 Range		y-23 Range		r -23 Range		-23 Range		g-23 Range	· ·)-23 Range	
	TMIN Summary Northern Luzon											· ·		
		Tmin	Range	Tmin-	Range	Tmin-	Range	Tmin-	-Range	Tmin-	Range	Tmin-	Range	
_	N orthern Luzon	Tmin- 15.8	Range 24.2	Tmin- 20.5	Range 24.8	Tmin - 19.3	Range 25.0	Tmin- 19.1	Range 24.8	Tmin- 20.6	Range 24.7	Tmin- 16.4	Range 24.5	
Ē	N orthern Luzon Lowlands Luzon	Tmin- 15.8 17.3	Range 24.2 26.1	Tmin- 20.5 18.8	Range 24.8 26.8	Tmin - 19.3 18.0	Range 25.0 25.9	Tmin - 19.1 17.0	Range 24.8 25.0	Tmin- 20.6 17.5	Range 24.7 25.0	Tmin - 16.4 18.0	Range 24.5 25.1	_
Ē	N orthern Luzon Low lands Luzon Mountainous Luzon	Tmin- 15.8 17.3 12.2	Range 24.2 26.1 15.2	Tmin- 20.5 18.8 15.0	Range 24.8 26.8 16.0	Tmin - 19.3 18.0 14.6	Range 25.0 25.9 16.0	Tmin - 19.1 17.0 14.4	Range 24.8 25.0 _1 <u>5.</u> 4	Tmin - 20.6 17.5 14.4	Range 24.7 25.0 15.6	Tmin - 16.4 18.0 <u>14.0</u>	Range 24.5 25.1 15.5	_
DOST	Northern Luzon Lowlands Luzon Mountainous Luzon Metro Manila	Tmin- 15.8 17.3 12.2 20.4	Range 24.2 26.1 15.2 25.7	Tmin- 20.5 18.8 15.0 23.0	Range 24.8 26.8 16.0 25.4	Tmin - 19.3 18.0 14.6 23.0	Range 25.0 25.9 16.0 24.8	Tmin- 19.1 17.0 14.4 22.6	Range 24.8 25.0 15.4 24.5	Tmin- 20.6 17.5 14.4 22.6	Range 24.7 25.0 15.6 24.3	Tmin 16.4 18.0 14.0 22.2	Range 24.5 25.1 15.5 24.7	⁹ ayong AGASA





Water conservation tips





USE A GLASS OF WATER WHEN BRUSHING YOUR TEETH.

WATER PLANTS

EARLY IN THE MORNING

DON'T FLUSH THE TOILET

JUST TO DISPOSE

OF SMALL TRASH.

OR IN THE EVENING.



TAKE A BATH IN FIVE MINUTES TOPS.



USE WATER BASINS WHEN WASHING DISHES BY HAND



USE A BUCKET OF WATER AND A RAG TO WASH YOUR CAR/BIKE.



ONLY USE THE WASHING MACHINE WHEN IT'S FULLY-LOADED.



CHECK FOR LEAKS IN YOUR WATER PIPES, TOILETS.



COLLECT RAINWATER AND USE FOR WATERING PLANTS OR WASHING YOUR CAR.





HELP SAVE WATER EVERYDAY.

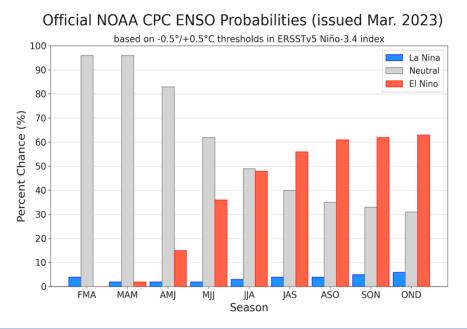
PAGAS

EL NINO WATCH





What are the chances?

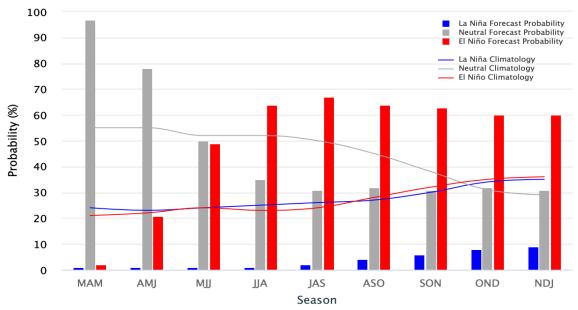


Model output + Expert judgment ENSO probability forecast

Season	La Niña	Neutral	El Niño
FMA	4	96	0
MAM	2	96	2
AMJ	2	83	15
MJJ	2	62	36
JJA	3	49	48
JAS	4	40	56
ASO	4	35	61
SON	5	33	62
OND	6	31	63

Mid-March 2023 IRI Model-Based Probabilistic ENSO Forecasts

ENSO state based on NINO3.4 SST Anomaly Neutral ENSO: -0.5 °C to 0.5 °C



Model output (*Purely objective*) ENSO probability forecast

ENSO-neutral is expected to persist through the Northern Hemisphere early summer 2023. A transition to El Niño is favored by July-September 2023, with chances of El Niño increasing through the fall.

El Niño Watch - issued when conditions are favorable for the development of *El Niño within the next six months and probability is 55% or more.*



ENSO Alert System Status: ENSO-Neutral

ENSO Alert System Status:

La Niña Advisory (FINAL)

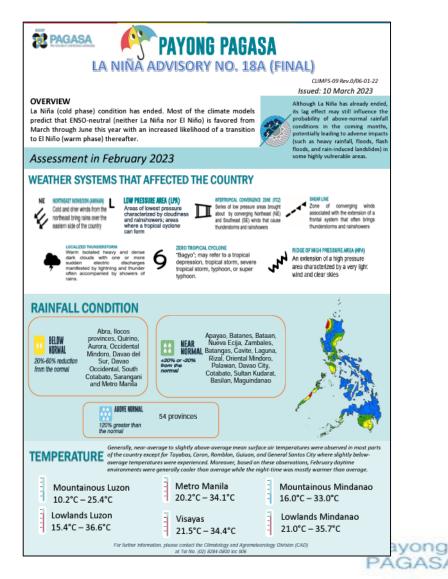


La Niña has ended and ENSO-neutral conditions are expected to continue until May-June-July (MJJ) 2023 season; an increased likelihood of a transition to El Niño phase thereafter.

(updated: 22 March 2023)



Payong PAGASA





https://bagong.pagasa.dost.gov.ph/climate/el-nino-la-nina/advisories





ENSO-neutral conditions are expected to continue until June-July-August (JJA) 2023 season; However, an increased likelihood of a transition to El Niño in Jul-Aug-Sept (JAS) 2023 season and may persist until 2024. (updated: 23 March 2023)





Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services

PRESS STATEMENT DOST-PAGASA S & T Media Service Quezon City, 23 March 2023

Administration (PAGASA)

EL NIÑO WATCH

PAGASA has been continuously monitoring the El Niño Southern Oscillation (ENSO) conditions in the tropical Pacific. The final La Niña advisory was issued last March 10, 2023 with ENSO - neutral conditions now present. However, based on recent conditions and model forecasts, El Niño will likely develop in Jul-Aug-Sept (JAS) 2023 season and may persist until 2024. With this development, the PAGASA ENSO Alert and Warning System is now raised to El Niño Watch.

El Niño (warm phase of ENSO) is characterized by unusually warmer than average sea surface temperatures (SSTs) in the central and eastern equatorial Pacific (CEEP). When conditions are favorable for the development of El Niño within the next six months and the probability is 55% or more, an **El Niño Watch** is issued.

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. However, over the western part of the country, above-normal rainfall conditions during the Southwest monsoon season (Habagat) may also be expected.

PAGASA will continue to closely monitor the development of this ENSO phenomenon. All concerned government agencies and the general public are encouraged to keep on monitoring and take precautionary measures against the impending impacts of El Niño.

For more information, please call the Climate Monitoring and Prediction Section (CLIMPS), Climatology and Agrometeorology Division (CAD) at telephone number (02) 8284-0800 local 4920 or through email: pagasa.climps@gmail.com.

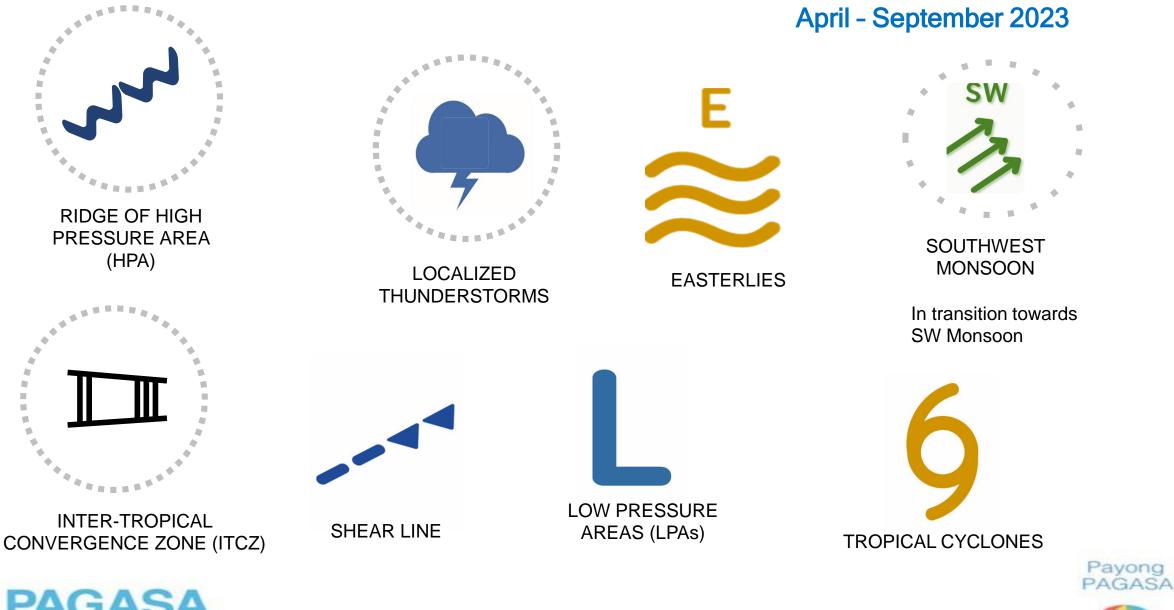
Original Signed:

VICENTE B. MALANO, Ph.D. Administrator

El Niño Watch - issued when conditions are favorable for the development of El Niño within the next six months and the probability is 55% or more.



Weather systems that may affect the country



DOST

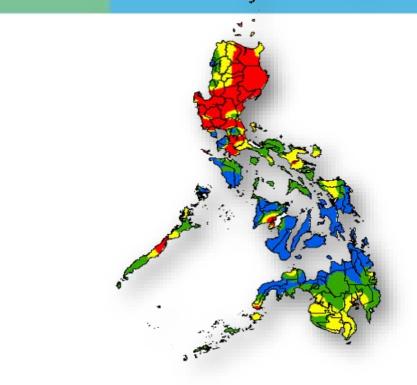
The Weather and Climate Authority



ABOUT OUR RAINFALL MAPS



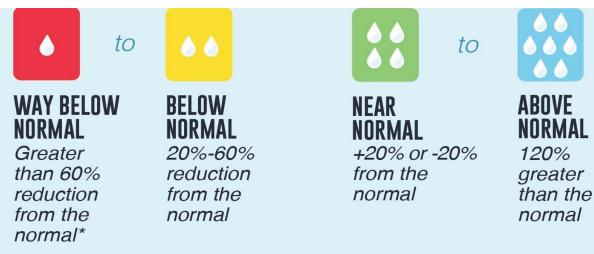
PERCENTAGE (%)	RAINFALL CONDITION
Less than or = 40	way below normal
41 - 80	below normal
81 - 120	near normal
Greater than 120	above normal



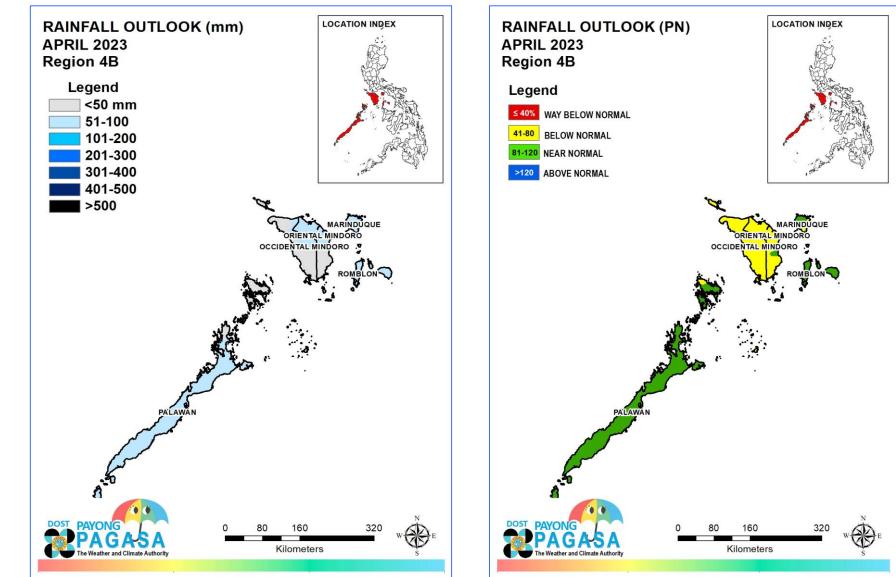
Rainfall Surplus or Reduction

 $Percent of Normal = \frac{Forecast Rainfall}{Normal Rainfall} x \ 100\%$



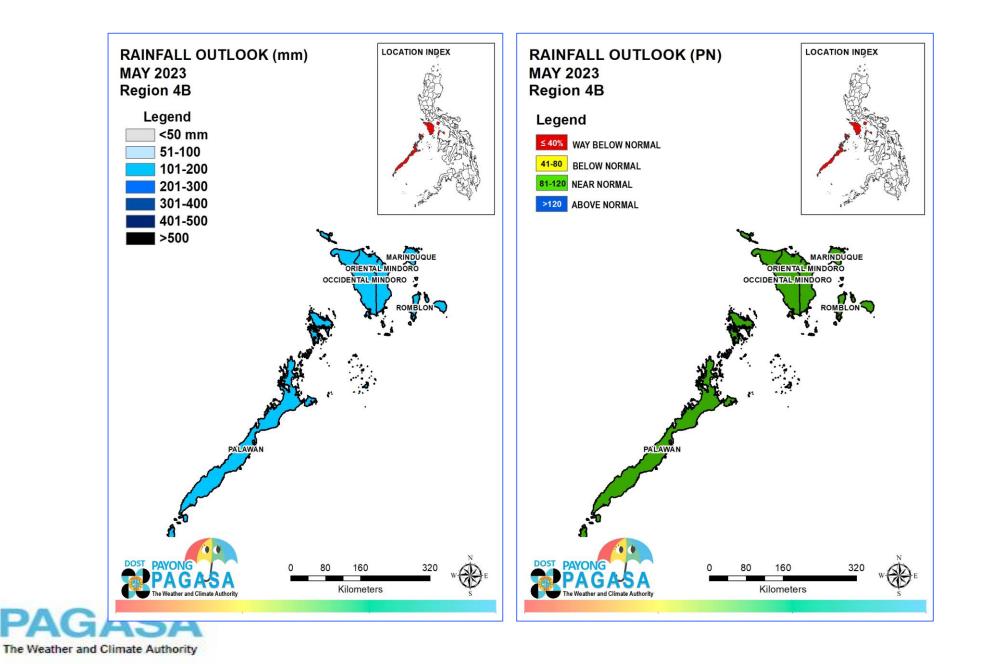


*Normal - Refers to 30-year average rainfall



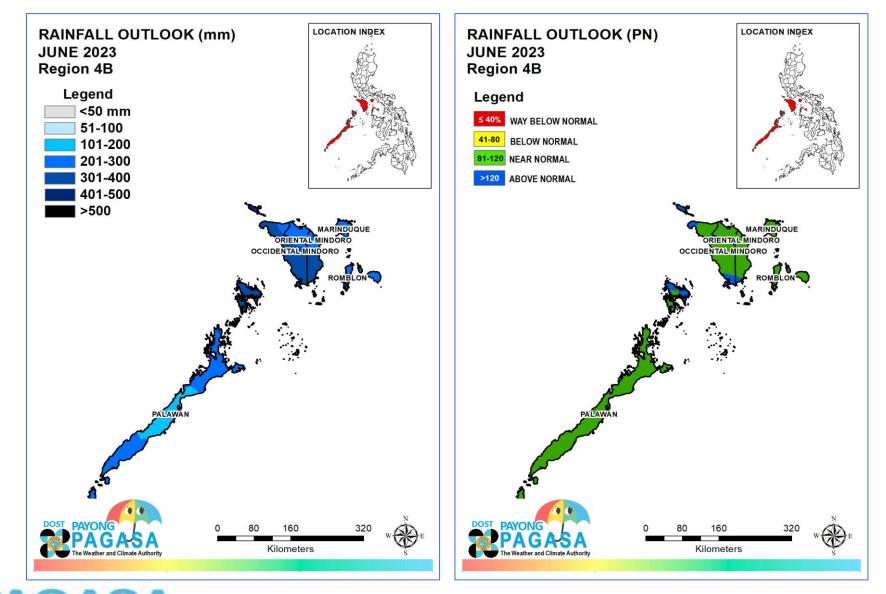






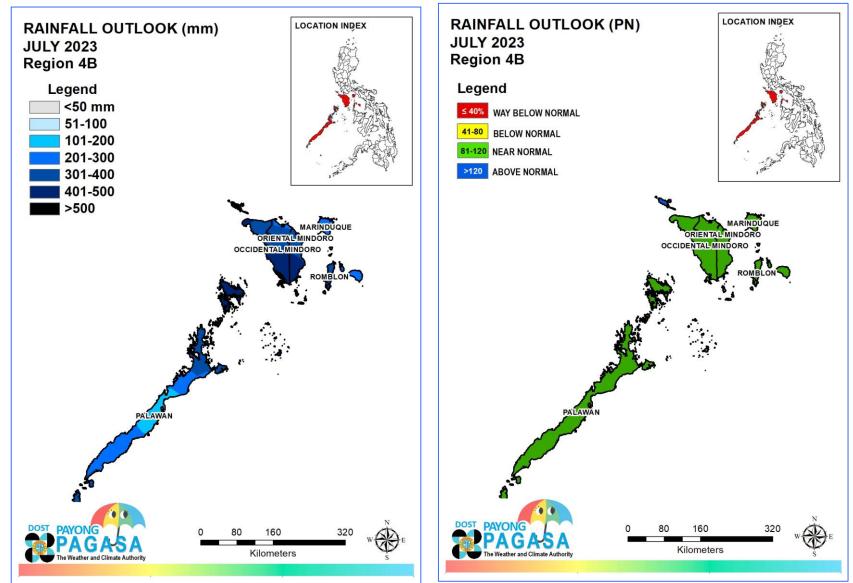
DOST





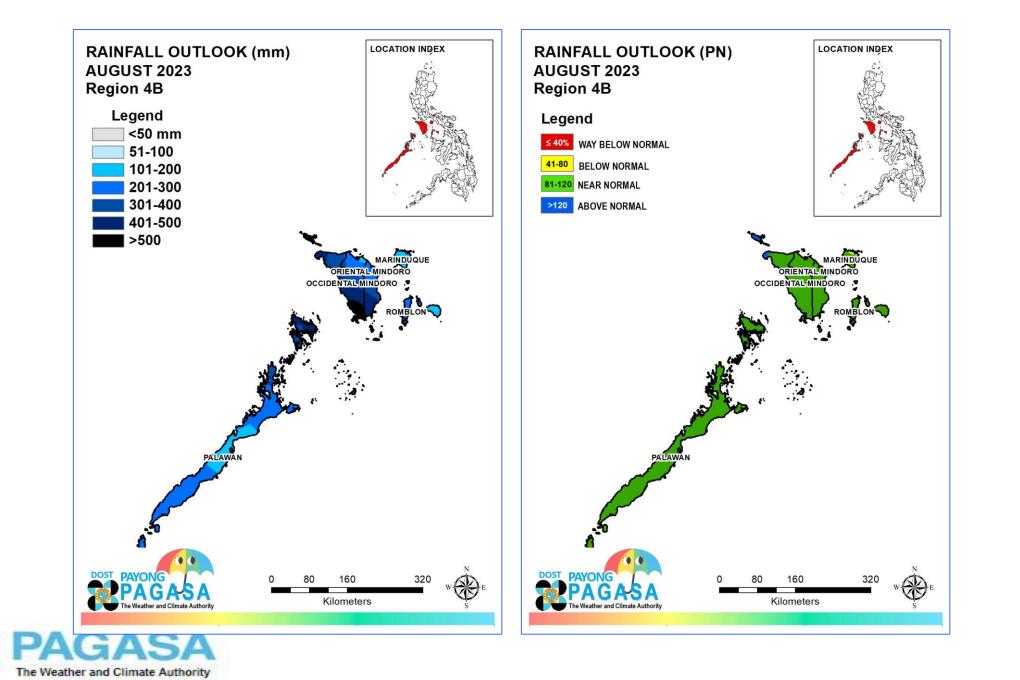






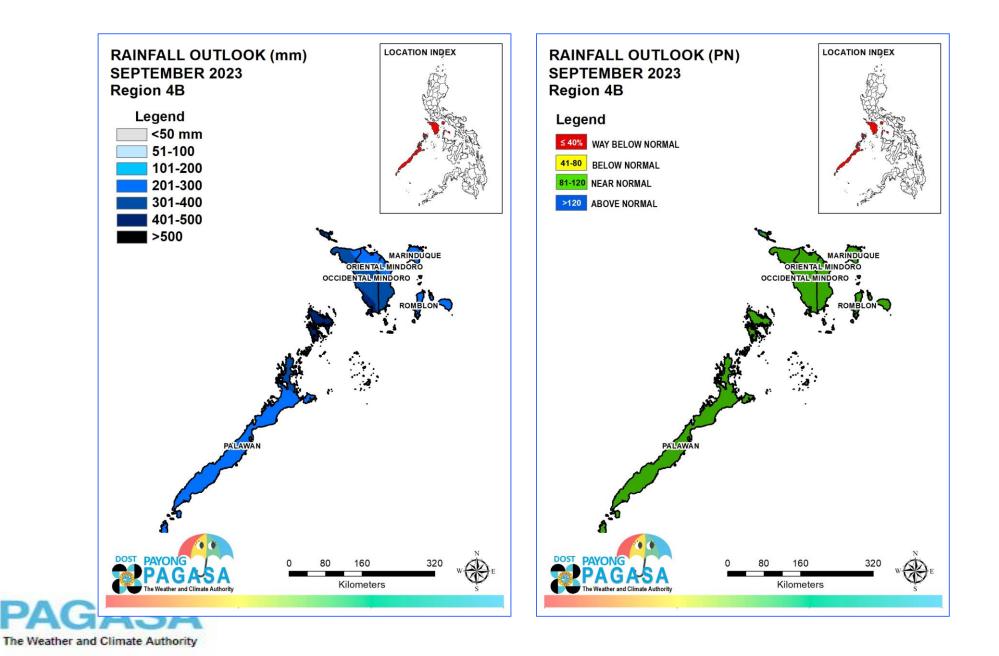






DOST





DOST



Regional Forecast Quick Look

22 March 2023 Quezon City, Philippines

April – September 2023

BACKGROUND:

DOST

AGASA

The Weather and Climate Authority

The Climate Outlook Forum, a platform to disseminate climate information and outlook in the coming seasons provides opportunity for regular dialogue between the Philippine's national meteorologicalhydrological service provider (PAGASA) and its stakeholder institutions to promote (a) enhanced understanding of forecast products and services, including their limitations and uncertainties, and (b) better appreciation by PAGASA of users' information requirements.

Overview:

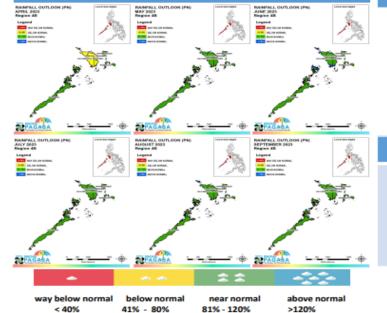
- ENSO Alert System Status: INACTIVE
 - La Niña has ended and ENSO-neutral conditions are expected to continue until May-June-July (MJJ) 2023 season; an increased likelihood of a transition to El Niño phase thereafter.

(updated 22 MARCH)

Payong PAGASA

MO	NTHE	Y FORE	CAST SL	JMMAF	RY FOR	REGION	4B					
PROVINCE	А	PRIL	M	AY	UL	NE	JU	LY	AUG	GUST	SEPTE	EMBER
REGION IV-B (MIMAROPA)	mm	PN	mm	PN	mm	PN	mm	PN	mm	PN	mm	PN
MARINDUQUE	67.5	82.2	167.4	106.0	210.8	94.9	281.1	100.3	146.4	81.7	258.6	96.9
OCCIDENTAL MINDORO	43.4	72.6	180.9	105.8	334.5	111.5	423.2	105.3	420.9	110.6	351.5	104.9
ORIENTAL MINDORO	56.9	76.1	182.0	106.0	297.9	102.3	368.4	101.4	317.6	100.2	304.6	101.7
ROMBLON	65.9	93.1	162.4	101.3	272.5	106.8	307.6	97.1	225.4	93.4	239.2	90.6
PALAWAN	52.2	86.9	156.2	106.2	245.0	105.9	285.6	95.9	255.5	89.8	279.6	105.5
SPRATLY ISLANDS	34.1	74.5	172.4	103.4	352.0	118.7	439.2	99.5	468.6	104.4	369.1	107.0

RAINFALL MAPS



FORECAST RAINFALL

• Generally, Region 4B will likely to experience near normal rainfall condition during the forecast period except for April where below to near normal rainfall condition is likely to experience.

MONSOON / TROPICAL CYCLONES / OTHER WEATHER SYSTEMS

April –September 2023

 Other weather systems: Thunderstorms, Ridge of High Pressure Area, Easterlies, Low Pressure Area, Tropical Cyclones, Intertropical Convergence Zone (ITCZ), Tail-end of Frontal system (Shear line), Transition to Southwest Monsoon, Southwest Monsoon.



Probabilistic F	RAINFALL Forecas	t (%)			Probabilistic F	AINFALL Forecas	t (%)		
Forecast Issuance o	ate: 22 March 2023	Probabili	stic Forecast for MI	MAROPA	Forecast Issuance of	ate: 22 March 2023	Probabili	stic Forecast for MI	MAROPA
		% PR	OBABILITY OF HAV	/ING:			% PR	OBABILITY OF HAV	/ING:
Forecast Months	Station	Below Normal	Near Normal	Above Normal	Forecast Months	Station	Below Normal	Near Normal	Above Normal
	CALAPAN	29	37	34		CALAPAN	29	34	37
	CORON	20	39	41		CORON	23	38	39
	CUYO	18	38	44		CUYO	29	34	37
APRIL	PUERTO PRINCESA	20	39	41	JULY	PUERTO PRINCESA	33	32	35
	ROMBLON	16	37	47		ROMBLON	31	33	35
	SAN JOSE	20	36	44		SAN JOSE	25	37	38
	CALAPAN	23	31	46		CALAPAN	37	31	32
	CORON	26	33	41		CORON	30	32	38
	CUYO	22	34	44	AUCUCT	CUYO	42	31	27
MAY	PUERTO PRINCESA	20	33	47	AUGUST	PUERTO PRINCESA	36	34	30
	ROMBLON	16	36	47		ROMBLON	39	32	29
	SAN JOSE	22	33	45		SAN JOSE	23	29	48
	CALAPAN	39	32	29		CALAPAN	29	32	39
	CORON	15	27	58		CORON	26	35	39
	CUYO	19	31	50		СИХО	27	33	40
JUNE	PUERTO PRINCESA	26	31	43	SEPTEMBER	PUERTO PRINCESA	28	32	39
	ROMBLON	27	31	41		ROMBLON	30	31	40
	SAN JOSE	10	27	63		SAN JOSE	27	33	40

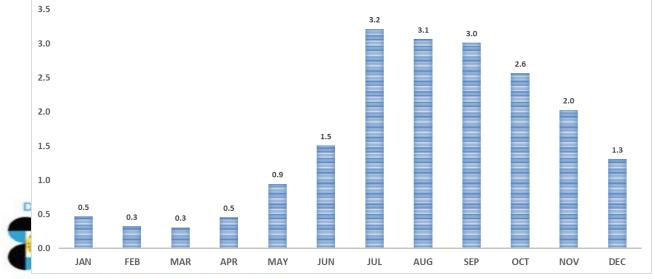




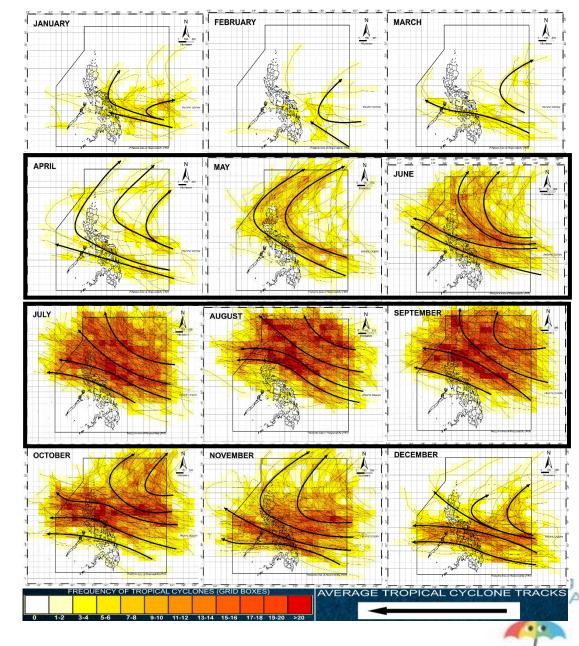


APRIL 2023	0 or 1	JULY 2023	2 or 3
MAY 2023	1 or 2	AUGUST 2023	2 or 3
JUNE 2023	1 or 2	SEPTEMBER 2023	2 or 3





Tropical Cyclone Tracks Climatology with actual tracks from 1948-2015



SUMMARY

ENSO Alert System Status	Inactive
	 ENSO-neutral conditions are now present in the tropical Pacific. La Niña has ended and ENSO-neutral condition is expected to continue until May-June-July (MJJ) 2023 season; an increased likelihood of a transition to El Niño phase thereafter.
Forecast Rainfall Con	ditions:
April 2023	 below normal in Mindoro near normal in Marinduque, Romblon, Palawan high probability of near to above normal rainfall conditions in most parts of the

May - September 2023
 May - September 2023
 Inigh probability of near to above normal rainfall conditions in most parts of the region;
 high probability of near to above normal rainfall conditions in most parts of the region





SUMMARY	
Forecast Temperature	 Generally, surface air temperatures range from average to below average throughout the region during the forecast period. Warmer and humid weather conditions are expected in the coming months as NE monsoon season has ended.
Tropical Cyclones	8 – 11 tropical cyclones are expected to enter/develop in the Philippine Area of Responsibility (PAR) from April – September 2023.
Onset of Rainy Season	 Normal onset is expected (between the 2nd half of May to 1st half of June): for areas in the western part of the country (under Climate Type I). Associated with the Southwest (SW) monsoon (Habagat).









http://www.bagong.pagasa.dost.gov.ph/

www.facebook.com/PAGASA.DOST.GOV.PH

Thank you



@dost_pagasa

Phone (02) 8-284-0800 loc. **4920**

Email: pagasa.climps@gmail.com



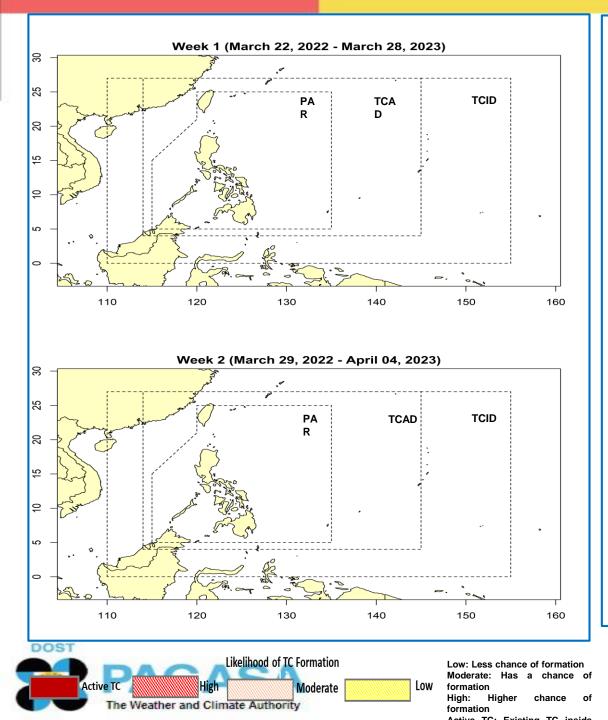


Sub-seasonal Climate (S2S) Forecast









Tropical Cyclone (TC)-Threat Potential

Initialization: 21 March 2023 (8 AM)

Date Issued: 22 March 2022 Validity: Valid within the forecast period, unless superseded by succeeding forecast.

Forecast Summary:

Week-1 (March 22 – 28, 2023)

- The formation of a TC-like vortex (TCLV) within the PMD is unlikely.
- As a result, there is **NO TC-THREAT** in week-1.

Week-2 (March 29 – April 04, 2023)

- · Forecasts from models still point to a low likelihood of TCLV formation over the PMD.
- Therefore, the NO TC-THREAT forecast prevails within the forecast period.

However, any changes in the forecast pattern will be closely monitored, and updates will be issued as needed.

Note: The information contained here is based on the 6-hourly forecasts of the NCEP-GEFS issued in the past 24 hours where the Central Weather Bureau (CWB) TC Tracking algorithm was applied. This product was part of the collaboration between PAGASA and CWB through the MECO/TECO VOTE Project. This is for guidance purposes only.

For Weather Updates, kindly refer to: www.bagong.pagasa.dost.gov.ph/weather

PMD: PAGASA Monitoring Domain Advisory Domain

TCAD: Tropical Cyclone

PAR: Philippine Area of Responsibility Domain

TCID: Tropical Cyclone Information

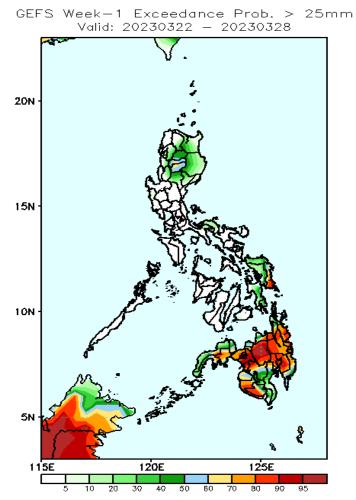
Payong

Philippine Atmospheric, Geophysical, and Astronomical Services Administration (PAGASA)

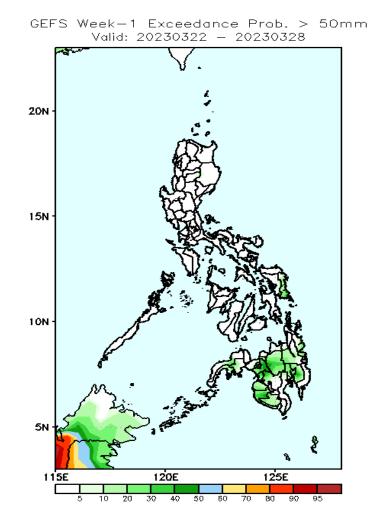
Prepared by: CAD-CLIMPS-Contact us @Tel no:(02)8284-0800 loc. 906 or Email: pagasa.climps@gmail.com

WEEK - 1: RAINFALL EXCEEDANCE PROBABILITY FORECAST March 22-28, 2023

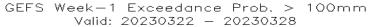
Very high probability
 High Probability
 Moderate Probability
 Low Probability

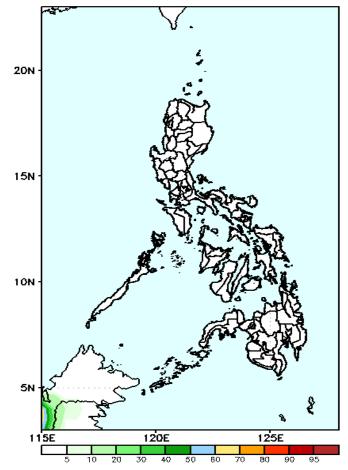


High to very high probability of rainfall to exceed 25mm in most parts of Mindanao and Eastern Samar and moderate probability in Cordillera Region while low chance over the rest of the country.



Low probability of rainfall to exceed 50mm in most parts of the country.



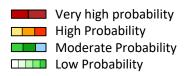


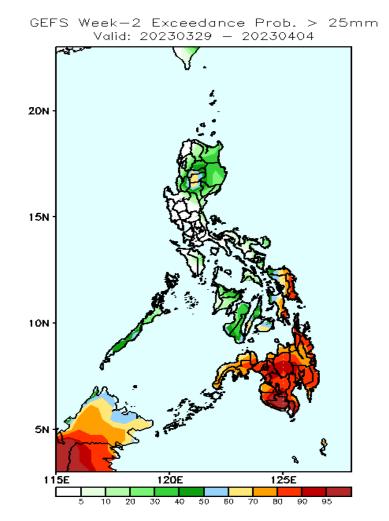
Low probability of rainfall to exceed 100mm in most parts of the country

Prepared by: CAD-CLIMPS-Contact us @Tel no:(02)8284-0800 loc. 4920 or

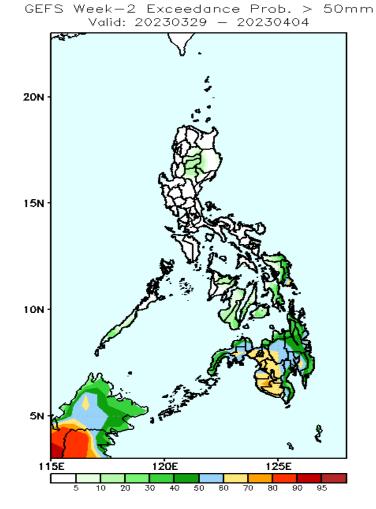
Email: pagesa.climps@gnail.comand Climate Authority

WEEK - 2: RAINFALL EXCEEDANCE PROBABILITY FORECAST March 29-April 04, 2023

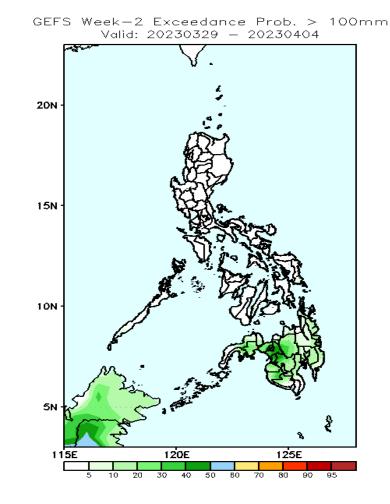




High to very high probability of rainfall to exceed 25mm in Mindanao and moderate to high probability in Eastern Visayas and northern Luzon while low chance over the rest of the country.



Moderate to high probability of rainfall to exceed 50mm in most parts of Mindanao while low chance over the rest of the country.



Low probability of rainfall to exceed 100mm in most parts of the country.



PAGASA







PAGASA ENSO ALERT AND WARNING SYSTEM

Types of Alert

During an El Niño:

- El Niño Watch issued when conditions are favorable for the development of El Niño within the next six months and probability is 55% or more.
- El Niño Alert an upgrade from El Niño Watch; issued when ONI of +0.5°C or greater is forecasted to persist in the next 2 months or more and El Niño is likely/probable by 70% or more** (to satisfy 5 ONI).
- El Niño Advisory an upgrade from El Niño Alert. Issued whenever El Niño is currently on-going and the 3-month Oceanic Niño Index (ONI) threshold is expected to persist during the forecast period.
- Final El Niño Advisory issued whenever an ONI value is between < 0.5°C to > -0.5°C or Neutral.





PAGASA ENSO ALERT AND WARNING SYSTEM

EL NIÑO WARNING SYSTEM AND RECOMMENDED ACTION/RESPONSE:

Tempera	ed Sea Surface ature anomaly (SSTA)	Observed Oceanic Niño Index (ONI)	Forecast from CPC NOAA and other Int'l Prediction centers	Warning Type	Recommended Action/Response	Form of Issuance
		between <0.5°C and	Neutral; No favourable development of <u>El Niño</u> <u>conditions within the next six months</u> .	N/A	Be aware	Monthly Climate Assessment and Outlook ***
1 month 0.5 observed	-	between <0.5°C and > -0.5°C or neutral	Issued when conditions are favorable for the development of El Niño within the next six months and probability is 55% or more.		READY! Be Aware/ Be Prepared	Press Statement
5 consecuti 0.5°C* or gro observed	itive months of	is already observed	Issued when ONI of +0.5°C or greater is forecasted to persist in the next 2 months or more and El Niño is likely/probable by 70% or more** (to satisfy 5 ONI).	Alert	SET! Early Action	Press Statement Issuance of Dry Spell/Drought Assessment to monitor early impacts.
7 consecuti 0.5°C* or gro observed	greater is		Issued when EI Niño is observed and expected to continue.	Advisory	GO! Take Action	El Nino Advisories Press Statement Issuance of Dry Spell/Drought Assessment and Outlook for areas affected and likely to be affected.
		ONI is between <0.5°C and > -0.5°C or neutral	Issued after El Niño has ended.	Final Advisory	Assess and Take Action whenever necessary	Press Statement

J