



Republic of the Philippines  
Department of Environment and Natural Resources  
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ADVISORY

MEMORANDUM

FOR/TO : ALL UNDERSECRETARIES  
ALL ASSISTANT SECRETARIES  
ALL SERVICE DIRECTORS  
ALL BUREAU DIRECTORS  
ALL REGIONAL EXECUTIVE DIRECTORS  
ALL ATTACHED AGENCIES

FROM : THE UNDERSECRETARY  
Finance, Information Systems and Climate Change

SUBJECT : EL NIÑO ADVISORY NO. 1

DATE : 13 July 2023

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Respectfully furnishing you herewith a copy of the El Niño Advisory No. 1 from the Department of Science and Technology – Philippine Atmospheric, Geophysical and Astronomical Services Administration (DOST-PAGASA). Access the files through this link <https://tinyurl.com/ENAdvisory1> for easier access and/or dissemination.

In connection to the implementation of provisions stated in the Memorandum Circular No. 22 dated 7 June 2023 entitled “Mandating All National Government Agencies and Instrumentalities to Strictly Implement Water Conservation Measures”, may we request the respective Administrative Service/Divisions to monitor reduction in water use, which may form part of your accomplishment under the Environmental Management System (EMS).

For your information, guidance and appropriate action.

  
ATTY. ANALIZA REBUELTA-TEH

cc: DENR EMS Focal Point  
[denrco.ems@gmail.com](mailto:denrco.ems@gmail.com)

MEMO NO. 2023-589



OUFISCC &lt;ouart.denr20@gmail.com&gt;

**OSEC-2023-004436: (FOR INFO) El Niño Advisory No. 1**

1 message

**DENR OSEC Referral** <osec.referral@denr.gov.ph>

10 July 2023 at 08:31

To: CP David &lt;cpdavid@denr.gov.ph&gt;, ouart.denr20@gmail.com

Cc: nwrbscc@nwrbscc.gov.ph, Undersecretary for Organizational Transformation &lt;ouot@denr.gov.ph&gt;

Sir/Ma'am:

Respectfully referred to your good office for information and appropriate action, with EDATS No. OSEC-2023-004436.

Thank you.

**NOTE: DO NOT REPLY TO THIS EMAIL.** For updates, inquiries and other communications, please send to [osec@denr.gov.ph](mailto:osec@denr.gov.ph).

**OFFICE OF THE SECRETARY**

4/F DENR Main Building  
Visayas Avenue, Diliman  
Quezon City

From: **OCD NDRRMOC** <ndrrmoc@ocd.gov.ph>

Date: Thu, Jul 6, 2023 at 1:06 AM

Subject: Fwd: El Niño Advisory No. 1

To: OCD Region6 <region6@ocd.gov.ph>, <basultaocd@yahoo.com>, OCD CALABARZON <ocd.ndrrmc4a@yahoo.com>, OCD Region 9 <ocdrc9@yahoo.com>, OCD Region10 <region10@ocd.gov.ph>, Office of Civil Defense Region IX <ocdrc9@gmail.com>, OCD Region 12 <ocd.region12@gmail.com>, OCD MIMAROPA <ocd4\_mimaropa@yahoo.com>, OCD-ARMM <ocdarmm.main@gmail.com>, OCD Region 11 <ocdregion11@gmail.com>, OCD Region 1 <ocdr1operations@gmail.com>, OCD Region12 <region12@ocd.gov.ph>, OCD Region 3 <r3.ndrrmc.ocd@gmail.com>, OCD Region4A <region4a@ocd.gov.ph>, OCD CAR <car@ocd.gov.ph>, OCD Region 2 <region2@ocd.gov.ph>, OCD Region 7 <region7@ocd.gov.ph>, OCD Region 8 <region8@ocd.gov.ph>, OCD CARAGA <civildefensecaraga@gmail.com>, OCD Region 5 <region5@ocd.gov.ph>, <region4b@ocd.gov.ph>, OCD Region 1 <region1@ocd.gov.ph>, OCD Armm <armm@ocd.gov.ph>, OCD Region3 <region3@ocd.gov.ph>, OCD NCR <ncr@ocd.gov.ph>, Office of Civil Defense Regional Center One <ocdrc1@yahoo.com>, OCD Region 6 <ocd6.operations@gmail.com>, OCD Region 6 <ocdrc6@gmail.com>, <dohhembopcen@gmail.com>, <louclc@gmail.com>, Angelito Lanuza <angel.lanuza@phivolcs.dost.gov.ph>, DSWD Disaster Risk Reduction Office <drrmo@dswd.gov.ph>, OSEC DND <osec.301@gmail.com>, Osds Ched <osds@ched.gov.ph>, <ogm@nha.gov.ph>, ocdpao <ocd.pao@gmail.com>, PAGASA <ao@pagasa.dost.gov.ph>, DOJ apsulit <apsulit@doj.gov.ph>, Rodolfo Encabo <rmencabo@dswd.gov.ph>, MGB <ghegs@mgb.gov.ph>, <caaphil.rcc@gmail.com>, ULAP <pantaleon.maryann@gmail.com>, <53visayasbuilder@gmail.com>, Dir. Peter Paul Galvez <peter.galvez@gmail.com>, <mengwalcien@yahoo.com>, Narag, Ishmael <ishmael.narag@phivolcs.dost.gov.ph>, MGB PDRA <mgb.pdra@gmail.com>, Dolly Ortiz <dolly\_ortiz@yahoo.com>, Public Affairs and Information Staff <pais@nia.gov.ph>, <tm.2@miaagovphils.onmicrosoft.com>, DEPED <drmo@depd.gov.ph>, <docirbs03@yahoo.com>, BOMS <bomsdmcd@gmail.com>, <irma.exconde@doe.gov.ph>, <omar.romero@pco.gov.ph>, OCD PAO <pao@ocd.gov.ph>, <ydauid@dof.gov.ph>, BCS pduque <pduque@bcs.gov.ph>, Operations Division OJ3 AFP GHQ <juvy.taldo14@gmail.com>, CDJ Valencia <cdj.valencia@yahoo.com>, <george.apcible@pco.gov.ph>, <egarcia@ched.gov.ph>, Rafael Olivar <paeng.olivar@dict.gov.ph>, OP PMS EPO <op.pms.epo@gmail.com>, <fiftyfourthluneta@yahoo.com>, DMSO <dmsso@pms.gov.ph>, <vparamio@yahoo.com>, <gigie.arcilla@pco.gov.ph>, LPP <lppsec2007@yahoo.com>, PHIVOLCS SOEPD <soepd@phivolcs.dost.gov.ph>, Kenny Reyes <kkennyreyes@gmail.com>, <ppmd.oaspp@outlook.com>, <dilgspa@yahoo.com>, DSWD <dreamb@dswd.gov.ph>, <bmagarma@dswd.gov.ph>, Emmanuel P Privado <epprivado@dswd.gov.ph>, <rue1007@gmail.com>, <jessa.jaictin@doe.gov.ph>, Benjz Gerard Sevilla <benjz.sevilla@dict.gov.ph>, Engr. Bryan Thelmo <enr.bryanthelmo@gmail.com>, <drmo+reports@depd.gov.ph>, CCC <info@climate.gov.ph>, DFA <dfaneasia@gmail.com>, <vmalano58@yahoo.com>, <bubbles.villegas@pms.gov.ph>, <esc\_1162@yahoo.com>, DIRECTOR BAI <director@bai.gov.ph>, <almbendraljoelcgsc66@gmail.com>, <e53g3cebu1@gmail.com>, DENR <osec@denr.gov.ph>, Office of Director BCS <officeofthedirector@bcs.gov.ph>, <eatabel@dilg.gov.ph>, <aklabad@dswd.gov.ph>, <michael.coligado@doe.gov.ph>, <kmarcaida.pcoo@gmail.com>.

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Good day!

Please see forwarded email re **El Niño Advisory No. 1** for your information and reference

Thank you and Kindly acknowledge receipt of this email

Lea Jazzmin M delos Reyes  
Duty Team A

----- Forwarded message -----

From: **PAGASA CLIMPS** <pagasa.climps@gmail.com>  
Date: Wed, Jul 5, 2023 at 8:55 PM  
Subject: El Niño Advisory No. 1  
To:

Good day!

El Niño Advisory No. 1 is now available for download.

Thank you.

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Best regards,

Climate Monitoring and Prediction Section (CLIMPS)  
Climatology and Agrometeorology Division, PAGASA  
Tel: 02 8284-0800 local 4920 and 4921  
Email: pagasa\_climps@yahoo.com  
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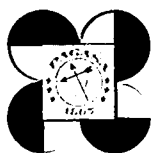
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**2 attachments**

 **04102023\_MCAO\_OS.pdf**  
141K

 **07042023\_ENSOAdvisory1\_ElNiño.pdf**  
761K



## **Monthly Climate Assessment and Outlook**

### *El Niño Watch*

ENSO-neutral conditions are present in the tropical Pacific and may prevail until the June-July-August (JJA) 2023 season. However, a transition to El Niño in the July-August-September (JAS) 2023 season is likely and may persist until 2024.

El Niño increases the likelihood of below-normal rainfall conditions, which could negatively affect some areas of the country (such as dry spells and droughts). However, over the western part of the country, above-normal rainfall conditions during the Southwest monsoon season (Habagat) may also be expected.

### **Assessment in March 2023**

The Northeast (NE) monsoon, easterlies, isolated thunderstorms, ridge of high-pressure area (HPA), low-pressure areas (LPAs), and shear lines were the weather systems that prevailed in the country during March. Moreover, on March 21 the agency declared the termination of the NE monsoon, indicating the start of the warm and dry season. There is no tropical cyclone (TC) developed during the month, despite several LPAs formed inside the Philippine Area of Responsibility (PAR), which brought heavy rains in some areas in Mindanao.

Based on actual rainfall for the month, most parts of the country received way below to below normal rainfall (33 provinces with way below normal and 28 provinces with below normal rainfall). However, most parts of Mindanao and Samar provinces experienced near to above-normal rainfall conditions.

Generally, near to below-average mean surface temperatures were observed in most parts of Luzon and Visayas. Furthermore, near to slightly above-average mean surface temperatures were observed over Mindanao. The actual temperature ranges were as follows: mountainous areas of Luzon: 10.9°C – 28.4°C; rest of Luzon: 15.5°C – 37.0°C; Visayas: 20.0°C – 35.0°C; mountainous areas of Mindanao: 16.5°C – 33.8°C; rest of Mindanao: 21.2°C – 35.9°C and 19.5°C – 36.0°C in Metro Manila.

### **Outlook for April 2023**

The warm and dry climate conditions will continue in April. Weather systems likely to affect the country are the following: Easterlies, Ridge of HPA, LPAs, Localized thunderstorms, Intertropical convergence zone (ITCZ), and zero (0) or one (1) TC occurrence for April.

The rainfall forecast for April shows that most parts of Luzon will likely experience below-normal conditions except for the provinces of Ilocos Norte, Bataan, and Cavite which may receive way below-normal rainfall. However, most parts of Visayas and Mindanao will likely experience near-normal rainfall. The probabilistic forecast of below normal in most parts of Luzon also depicts high confidence while near to above-normal rainfall conditions in Visayas and Mindanao.

Meanwhile, near-average to below-average mean surface air temperatures are forecasted in most parts of the country, except for Iba, Clark, Port Area, Alabat, Puerto Prinsesa, Dumaguete City, Dipolog City, Cotabato City, and Davao City which may experience slightly above to above average temperatures. The ranges of forecast temperature are as follows: 12.2°C to 29.0°C in the mountainous areas of Luzon, 15.8°C to 39.4°C over the rest of Luzon, 21.2°C to 36.8°C in Visayas, 15.0°C to 35.0°C in the mountainous areas of Mindanao, 20.4°C to 38.3°C over rest of Mindanao and 20.4°C to 37.8°C for Metro Manila.



Republic of the Philippines

**DEPARTMENT OF SCIENCE AND TECHNOLOGY**  
**Philippine Atmospheric, Geophysical and Astronomical**  
**Services Administration (PAGASA)**

CLIMPS-02 Rev.0/06-01-22

PAGASA will continue to monitor closely the development of El Niño and its influence on the country's climate conditions. Therefore, all government agencies and the public are encouraged to take precautionary measures to mitigate its adverse impacts. For more information, please call the Climatology and Agrometeorology Division (CAD) at 8284-0800, extension 4920.

**Original Signed:**

**VICENTE B. MALANO, Ph.D.**  
Administrator

Date Issued: 05 April 2023

*"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 loc. 903 or 906  
Website: <http://bagong.pagasa.dost.gov.ph>

# PAYONG PAGASA

## EL NIÑO ADVISORY NO. 1

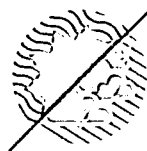
CLIMPS-10 Rev.0/06-01-22

Issued: 04 July 2023

### OVERVIEW

Recent PAGASA's climate monitoring and analyses indicate that the unusual warming of sea surface temperatures along the equatorial Pacific that was established in March 2023 has further developed into a weak El Niño, which show signs of strengthening in the coming months.

### Assessment in June 2023



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.

### WEATHER SYSTEMS THAT AFFECTED THE COUNTRY

**SW SOUTHWEST MONSOON (HABAGAT)**  
Warm moist winds from the southwest causing rains over the western portion of the country from May to September



**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.

**L 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



**1 TROPICAL CYCLONE**  
Typhoon (TY) "CHEDENG"  
(Jun 06 – Jun 11, 2023)

### RAINFALL CONDITION

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

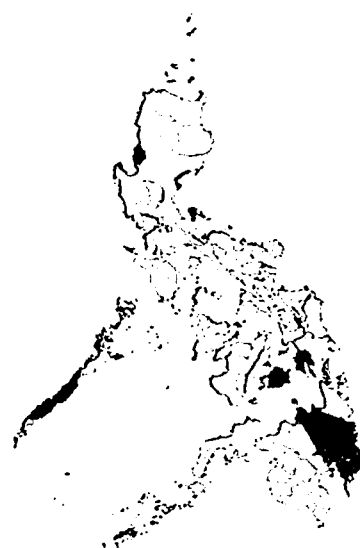
**NEAR NORMAL**  
+20% or -20% from the normal

most parts of the country

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

provinces of La Union, Batanes, southern Palawan, Bohol, Southern Leyte, Camiguin, Agusan del Sur and Davao Region,

\*Rainfall assessment for the past three (3) months signified that *Isabela and Tarlac* have experienced *dry condition* (2 consecutive months of below normal rainfall condition) while *Apayao, Kalinga and Cagayan* have experienced *dry spell* (3 consecutive months of below normal rainfall condition).



Generally, near-average to above-average mean surface air temperatures were observed in most parts of the country except in Ilocos Sur, Coron and General Santos where slightly cooler than average air temperatures were experienced.

### TEMPERATURE

Mountainous Luzon  
16.2°C – 26.2°C

Lowlands Luzon  
21.8°C – 38.8°C

Metro Manila  
23.5°C – 36.5°C

Visayas  
21.5°C – 36.1°C

Mountainous Mindanao  
19.0°C – 33.0°C

Lowlands Mindanao  
21.8°C – 36.7°C











# PAYONG PAGASA

## EL NIÑO ADVISORY NO. 1




CLIMPS-09 Rev.0/06-01-22  
Issued: 04 July 2023

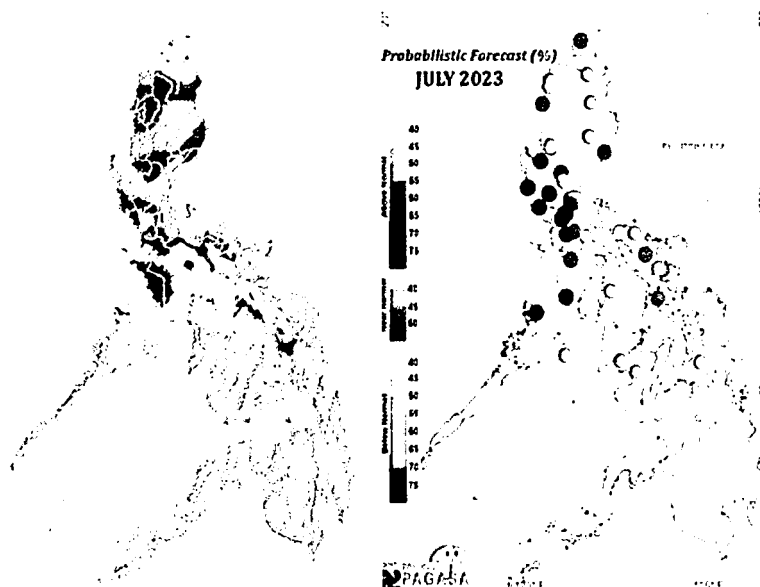
### Outlook in July 2023

## EXPECTED WEATHER SYSTEMS

 <p><b>EASTERLIES</b> Warm winds blowing from the east may bring cloudiness over the eastern part of the country</p>	 <p><b>LOCALIZED THUNDERSTORM</b> 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> Series of low pressure areas brought about by converging Northeast (NE) and Southeast (SE) winds that cause thunderstorms and rainshowers</p>
 <p><b>SOUTHWEST MONSOON (HABAGAT)</b> Warm moist winds from the southwest causing rains over the western portion of the country from May to September</p>	 <p><b>RIDGE OF HIGH PRESSURE AREA (HPA)</b> An extension of a high pressure area characterized by a 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 rainshowers</p>
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><b>LOW PRESSURE AREA (LPA)</b> Areas of lowest pressure characterized by cloudiness and rainshowers; areas where a tropical cyclone can form</p> </div> <div style="text-align: center;">  <p><b>2 to 4 TROPICAL CYCLONE</b> "Bagyo"; may refer to a tropical depression, tropical storm, severe tropical storm, typhoon, or super typhoon.</p> </div> </div>		

## RAINFALL CONDITION

 <p><b>NEAR NORMAL</b> +20% or -20% from the normal</p>	 <p><b>ABOVE NORMAL</b> 120% greater than the normal</p>	<p>most parts of Luzon and Visayas</p>	
 <p><b>NEAR NORMAL</b> +20% or -20% from the normal</p>			<p>Most parts of Mindanao</p>
<p><b>BELOW NORMAL</b> 20%-60% reduction from the normal</p>			<p>Davao del Sur</p>



Generally, near average to above average surface air temperatures are predicted in most parts of Luzon and Mindanao while most parts of Visayas will likely have near to below average temperature.

## TEMPERATURE

Mountainous Luzon 13.5°C to 26.7°C	Metro Manila 22.2°C to 36.4°C	Mountainous Mindanao 16.0°C to 33.0°C
Lowlands Luzon 16.9°C to 38.8°C	Visayas 19.6°C to 36.5°C	Lowlands Mindanao 20.7°C to 38.4°C