



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA REGION

MEMORANDUM

TO : ALL PENR OFFICERS AND CENR OFFICERS
THE CHIEF, ADMINISTRATIVE DIVISION

FROM : THE ASSISTANT REGIONAL DIRECTOR
for Management Services

SUBJECT : EL NIÑO ADVISORY NO.1 DATED JULY 4, 2023

DATE : JUL 27 2023



This pertains to the memorandum dated 13 July 2023 from Atty. Analiza Rebuelta-Teh, Undersecretary for Finance, Information Systems and Climate Change furnishing a copy of El Nino Advisory No. 1 from the Department of Science Administration (DOST/PAGASA). Details of this Advisory can be access through <https://tinyurl.com/ENAdvisory1>.

In connection to the implementation of provisions stated in the Memorandum Circular (MC) No. 22 dated June 7, 2023 entitled "Mandating all National Government Agencies and Instrumentalities To Strictly Implement Water Conservation Measures", may we request your respective Management Service Office to monitor reduction in water use. Under Section 2 of MC No. 22, all national government agencies and instrumentalities, including government-owned or controlled corporations and state universities and colleges, are hereby directed to identify and implement specific, quantifiable and attainable water conservation measures that will result in ten percent volume reduction of their respective first quarter (January to March 2023) water consumption.

In this regard, submit Monthly Water Consumption Report (Comparative) to the undersigned using email address: admimar4b@gmail.com not later than August 15, 2023 which will form part of your accomplishment under Environmental Management System (EMS).

For guidance and strict compliance.

"For and in the absence of the ARD for Management Services"


ROSARIO C. GULMATICO
Chief, Administrative Division




El Niño Advisory No. 1

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.

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 may adversely impact the different climate-sensitive sectors such as water resources, agriculture, energy, health and public safety. However, enhanced Southwest monsoon season (Habagat) may still be expected which may result in above-normal rainfall conditions over the western part of the country.

Assessment in June 2023

The Southwest (SW) Monsoon, localized thunderstorms, low-pressure areas (LPAs), intertropical convergence zone (ITCZ), and the passage of Typhoon (TY) "CHEDENG" were the weather systems that affected the country in June. TY "CHEDENG" with international name "GUCHOL" (Jun 06 – 11) did not make landfall but to some extent, enhanced the SW monsoon and had brought light to moderate rains over the country. No tropical cyclone warning signal was raised during its course. Moreover, several flooding occurrences and rain-induced landslides have occurred in various areas of the country due to the combined effects of these systems, according to the situational report archive from the National Disaster Risk Reduction and Management Council (NDRRMC).

Observed rainfall for the month showed that below to near normal rainfall conditions were observed in most parts of the country except in the provinces of La Union, Batanes, southern Palawan, Bohol, Southern Leyte, Camiguin, Agusan del Sur and Davao Region, which received above normal rainfall.

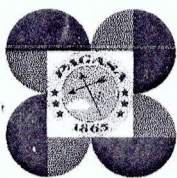
Furthermore, rainfall assessment for the past three months signified that Isabela and Tarlac have experienced dry condition (2 consecutive months of below normal rainfall condition) while Apayao, Kalinga and Cagayan have experienced dry spell (3 consecutive months of below normal rainfall condition).

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. Actual temperature ranges were as follows: mountainous areas of Luzon: 16.2°C – 26.2°C; rest of Luzon: 21.8°C – 38.8°C; Visayas: 21.5°C – 36.1°C; mountainous areas of Mindanao: 19.0°C – 33.0°C; rest of Mindanao: 21.8°C – 36.7°C and 23.5°C – 36.5°C in Metro Manila.

"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>



Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY

Philippine Atmospheric, Geophysical and Astronomical
Services Administration (PAGASA)

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

Outlook for July 2023

The weather systems that will likely affect the country during the month are the easterlies, localized thunderstorms, ITCZ, LPAs, SW, HPA, Shear Line and two (2) to four (4) tropical cyclones that may enter/develop inside the PAR.

Rainfall forecast for the month shows that generally near to above normal condition will be likely experienced in most parts of Luzon and Visayas while near normal rainfall is expected in Mindanao except Davao del Sur (below normal).

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. The predicted ranges of temperature are as follows: 13.5°C to 26.7°C over the mountainous areas of Luzon, 16.9°C to 38.8°C for the rest of Luzon, 19.6°C to 36.5°C in the Visayas, 16.0°C to 33.0°C over the mountainous areas of Mindanao; 20.7°C to 38.4°C over the rest of Mindanao and 22.2°C to 36.4°C in Metro Manila.

PAGASA will continue to closely monitor the on-going El Niño and areas potential for meteorological dry spell and drought will be made available at PAGASA website. Meanwhile, all government agencies and the general public are encouraged to take precautionary measures to mitigate the adverse impacts of the SW Monsoon and on-going El Niño. For more information, please call the Climatology and Agrometeorology Division (CAD) at 8284-0800, extension 4920 or 4921.

Original Signed:

ESPERANZA O. CAYANAN, Ph.D.
OIC, PAGASA

Date Issued: 04 July 2023

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Science Garden Compound, BIR Road, Brgy. Central, Quezon City,
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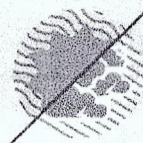
Tel. No. (02) 8284-08-00 loc. 903 or 906
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OVERVIEW

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).

TEMPERATURE

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.

Mountainous Luzon

16.2°C – 26.2°C

Metro Manila

23.5°C – 36.5°C

Mountainous Mindanao

19.0°C – 33.0°C

Lowlands Luzon

21.8°C – 38.8°C

Visayas

21.5°C – 36.1°C

Lowlands Mindanao

21.8°C – 36.7°C

For further information, please contact the Climatology and Agrometeorology Division (CAD) at Tel No. (02) 8284-0800 loc 906

**Office of the President
of the Philippines
Malacañang**

MEMORANDUM CIRCULAR NO. 22

**MANDATING ALL NATIONAL GOVERNMENT AGENCIES AND
INSTRUMENTALITIES TO STRICTLY IMPLEMENT WATER
CONSERVATION MEASURES**

WHEREAS, the United Nations General Assembly, through Resolution No. 64/292 dated 28 July 2010, recognized the right to safe and clean drinking water and sanitation as a human right that is essential for the full enjoyment of life and all human rights;

WHEREAS, Section 16, Article II of the Constitution declares it a policy of the State to protect and advance the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature;

WHEREAS, Executive Order No. 22 (s. 2023) created the Water Resources Management Office (WRMO) in the Department of Environment and Natural Resources (DENR), as the apex government body tasked to harmonize all policies, projects and programs of all government agencies in the water resource sector, and shall ensure the implementation of the Water Resources Management Plan; and

WHEREAS, with the probability of the El Niño phenomenon occurring within the next few months, there is an urgent need to implement water conservation measures to avert a looming water crisis not just in Metro Manila, but in all other areas of the country experiencing water scarcity;

NOW, THEREFORE, the following are hereby ordered:

Section 1. The WRMO and its network of agencies with water-related functions shall take the lead in the implementation of a nationwide water conservation program, in coordination with other relevant government agencies.

Section 2. All national government agencies and instrumentalities, including government-owned or -controlled corporations and state universities and colleges, are hereby directed to identify and implement specific, quantifiable and attainable water conservation measures that will result in ten percent (10%) water volume reduction of their respective first quarter (January to March 2023) water consumption.

Section 3. The Local Water Utilities Administration (in case of Water Districts), National Water Resources Board (in case of local government-run water service providers [WSPs]), and Metropolitan Waterworks and Sewerage System (Corporate

and Regulatory Offices) (in case of its two concessionaires, Maynilad and Manila Water), are hereby directed, and private WSPs are hereby encouraged, to submit to the WRMO a monthly supply-demand projection highlighting if there is any likelihood of a deficit in water supply in the near future.

Government-run WSPs are hereby directed and private WSPs are hereby encouraged to implement water conservation measures, such as but not limited to non-revenue water management and water pressure management.

Section 4. National Government-run WSPs are hereby directed, and local government-run WSPs are hereby encouraged, to immediately complete their projects to reduce non-revenue water and upgrade water distribution pipes. Local government units are encouraged to process the requests of WSPs for waterworks within a reasonable period of time.

Section 5. The WRMO shall identify strategies towards water conservation, monitor compliance of government agencies and instrumentalities with the aforementioned water conservation measures, and provide quarterly updates to the Office of the President, through the Office of the Executive Secretary, on the progress thereof.

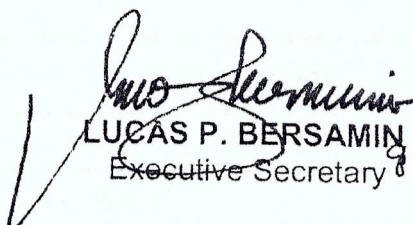
Section 6. If any part or provision of this Circular is held unconstitutional or invalid, other parts not affected thereby shall continue to be in full force and effect.

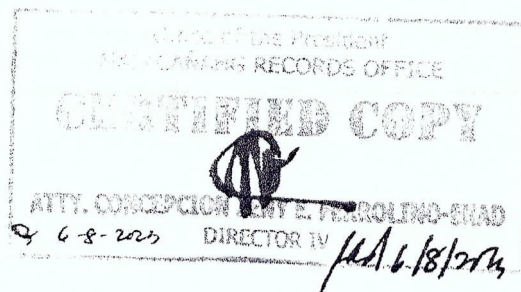
Section 7. All issuances, orders, rules and regulations, or parts thereof which are inconsistent with the provisions of this Circular are hereby repealed or modified accordingly.

Section 8. This Circular shall take effect immediately.

DONE, in the City of Manila, this 7th day of June, in the year of our Lord, Two Thousand and Twenty-Three.

By authority of the President:


LUCAS P. BERSAMIN
Executive Secretary





Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, Quezon City
Tel Nos. 929-6626 to 29; 929-6633 to 35
929-7041 to 43; 929-6252; 929-1669
Website: <http://www.denr.gov.ph> / E-mail: web@denr.gov.ph

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

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

MEMO NO. 2023-589