



Republic of the Philippines  
**Department of Education**  
Region VII – CENTRAL VISAYAS  
**SCHOOLS DIVISION OF BOHOL**

**Office of the Schools Division  
Superintendent**

October 18, 2021

DIVISION MEMORANDUM

No. 922, s.2021

**CONDUCT OF PREPAREDNESS FOR LA NIÑA**

TO: PUBLIC SCHOOLS DISTRICT SUPERVISORS/ OIC-PSDSs  
ELEMENTARY & SECONDARY PRINCIPALS/ SCHOOL HEADS  
DISTRICT DRRM COORDINATORS/ SCHOOL DRRM COORDINATORS  
ALL OTHERS CONCERNED

1. Attached is the Regional Memorandum No. 0891, s. 2021 entitled **CONDUCT OF PREPAREDNESS FOR LA NIÑA** for the information and guidance of all concerned.
2. All schools are requested to intensify the preparedness for La Niña and monitor for possible impacts to protect the lives of our learners and personnel, learning materials, school vital records and school investment (properties, equipment, etc.). Please refer to the attachment for more details.
3. Rapid Assessment of Damages Report (RADaR) Application must be accomplished truthfully and correctly within 72 hours once activated.
4. All are advised to regularly monitor the weather updates from the authorized source/agency. For queries, you may contact Mr. Phillip Marcelo R. Vigonte through this number 09435450584.
5. Immediate dissemination of this memorandum is highly directed.

  
**BIANITO A. DAGATAN EdD, CESO V**  
Schools Division Superintendent 





Republic of the Philippines  
**Department of Education**  
REGION VII - CENTRAL VISAYAS

Office of the Regional Director

OCT 05 2021

REGIONAL MEMORANDUM

No. **0891**, s. 2021

**CONDUCT OF PREPAREDNESS FOR LA NIÑA**

To: Schools Division Superintendents  
Region, Division and School DRRM Coordinators  
Public and Private Elementary and Secondary School Heads  
All Others Concerned

1. This Office through the Education Support Services Division (ESSD) requesting all Schools Division Offices to facilitate and require all schools within your area of responsibility (AOR) to intensify preparedness for La Niña and monitoring of the possible impact of this hazards to protect our education investment (properties, and essential records, etc), lives of our learners, teaching and non-teaching personnel.

2. The following are the suggested mitigating measures to be prepared:

- a) Undertake risk communication and disseminate warning messages, advisories and relevant directives;
- b) Conduct of resource inventory for disaster response operations;
- c) Repair/cleaning of drainage canal;
- d) Essential documents it should be placed on the plastic box /placed on the top of the cabinet on high elevation that cannot be easily reached by flood;
- e) Pruning of trees near to the classrooms/building;
- f) Roofs it should be tied by GI wire/rope or any materials cannot be easily flown by strong winds;
- g) Schools must be ready if LGU cannot accommodate IDP's at their respective evacuation center;
- h) Any method that can be employed to mitigate on the possible impacts of the hazards; and
- i) Continuous monitoring of areas susceptible to the flooding and landslide, the school shall provide situational report (SITREP) every now and then if the situation may escalate into worse/worst situation and possible **implementation of DO 14, s. 2021 (Guidelines on the Cancellation or Suspension of Classes and in Government Offices Due to Typhoons, Flooding, other Weather Disturbances, and Calamities)** and **D.O no. 33 s. 2021( School-Based Disaster Measures for Tropical Cyclones, Flooding, and Calamities).**

3. Rapid Assessment Damaged Report (RADaR 1 and 2) or certificate of no damaged it should be submitted within 72 hours after the hazards.



Address: Doña M. Gaisano St., Sudlon, Lahug, Cebu City  
Telephone Nos.: (032) 231-1433; (032) 414-7399  
Email Address: region7@deped.gov.ph

4. For the details and clarifications, refer to the attached documents (PAG-ASA Climate Outlook from October 2021-March 2022) or you may contact Mr. Ranilo L. Edar through his mobile nos. 09287941159/09171566073.

5. Immediate dissemination of this memorandum is desired.

  
**SALUSTIANO T. JIMENEZ JD, EdD, CESO V**  
Director IV   
Regional Director

140<sup>th</sup> Climate Forum

22 September 2021

# CLIMATE OUTLOOK

OCTOBER 2021 – MARCH 2022

Prepared by:

**PAGASA-DOST**

Climatology & Agrometeorology Division (CAD)

Climate Monitoring and Prediction Section (CLIMPS)



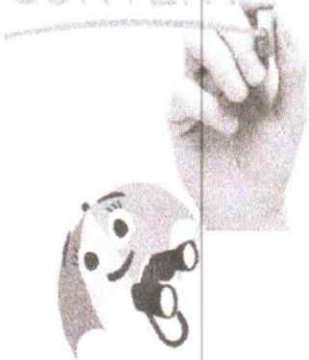
**PAGASA**

The Weather and Climate Authority

Payong  
**PAGAS**



CONTENT



01 ▶ ENSO STATUS

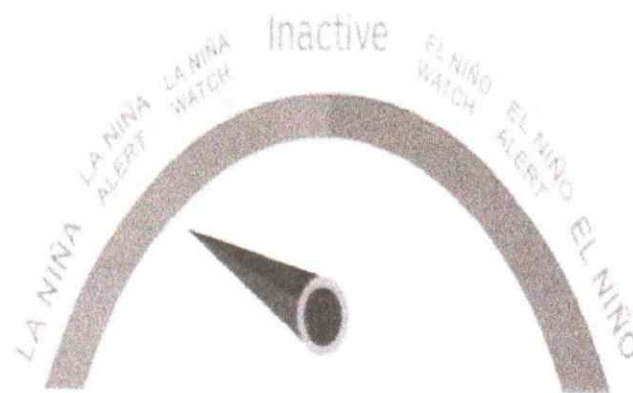
02 ▶ Climate Outlook  
(OCTOBER 2021 – MARCH 2022)

03 ▶ Summary



# ENSO OUTLOOK

## PAGASA ENSO Alert System

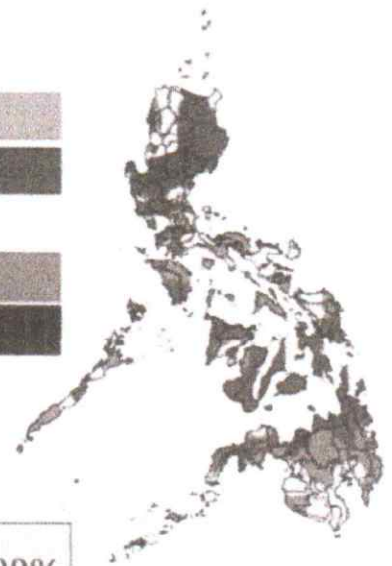


- ENSO Alert System Status: La Nina Alert
  - ✓ A transition from ENSO-neutral to La Niña is favored in the coming months;
  - ✓ There is a 70-80% chance of La Niña forming in the last quarter of 2021 which may persist until the first quarter of 2022.



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



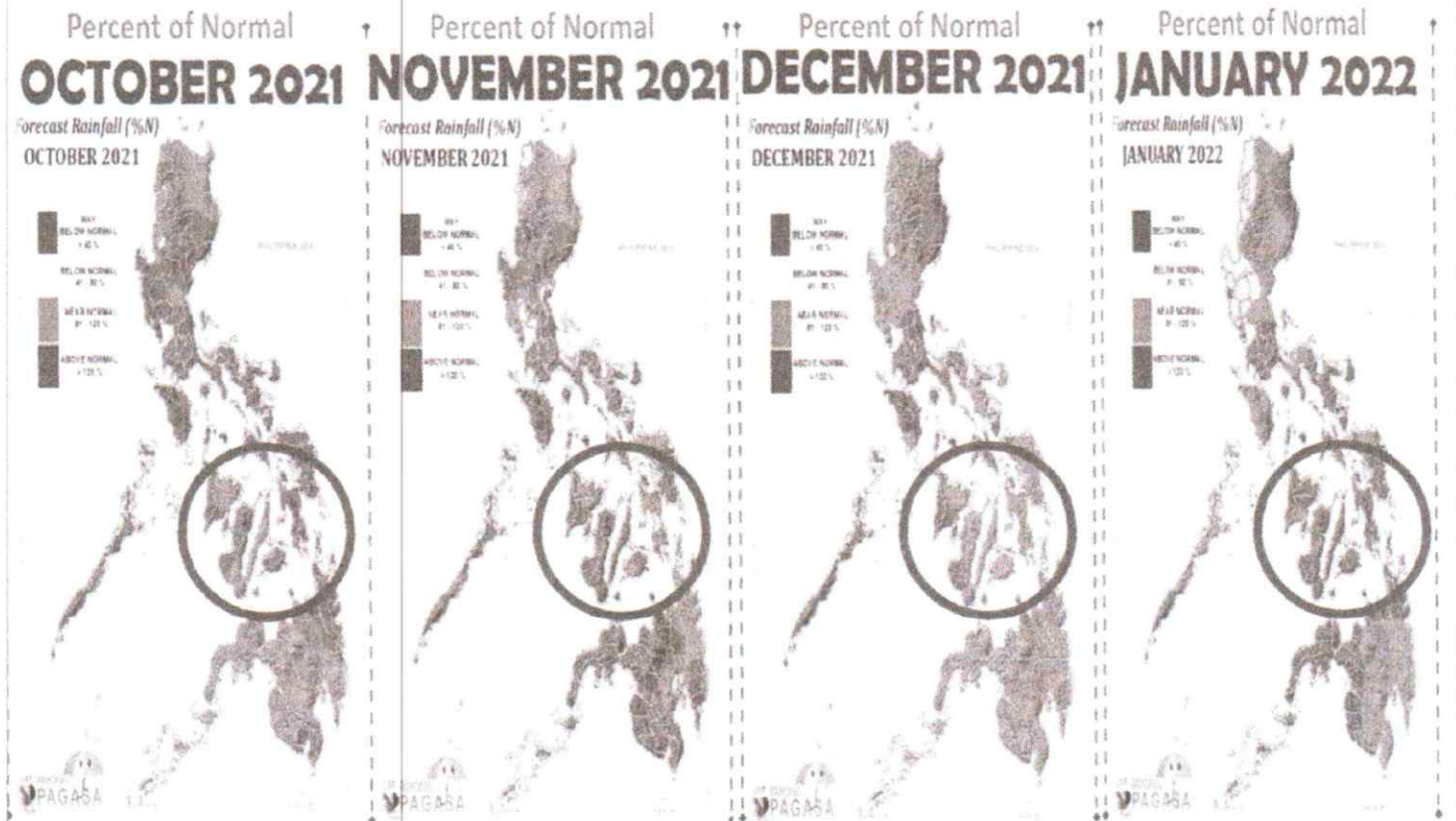
$$\text{Percent of Normal} = \frac{\text{Forecast Rainfall}}{\text{Normal Rainfall}} \times 100\%$$



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PAGAS



# MONTHLY RAINFALL FORECAST

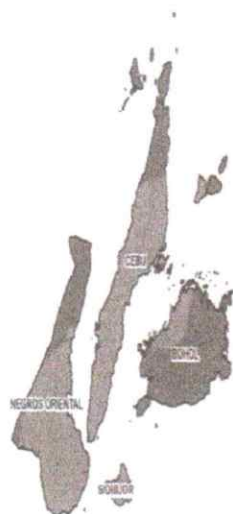




**RAINFALL OUTLOOK (PN)  
OCTOBER 2021  
Region 7**

**Legend**

- 54% VERY BELOW NORMAL
- 41-60% BELOW NORMAL
- 81-100% NEAR NORMAL
- 100% ABOVE NORMAL



**RAINFALL OUTLOOK (PN)  
NOVEMBER 2021  
Region 7**

**Legend**

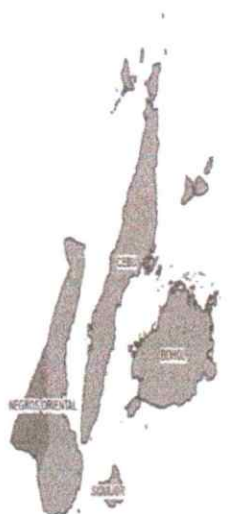
- 54% VERY BELOW NORMAL
- 41-60% BELOW NORMAL
- 81-100% NEAR NORMAL
- 100% ABOVE NORMAL



**RAINFALL OUTLOOK (PN)  
DECEMBER 2021  
Region 7**

**Legend**

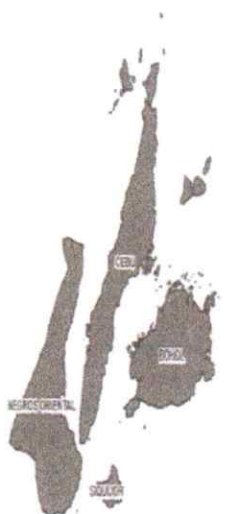
- 54% VERY BELOW NORMAL
- 41-60% BELOW NORMAL
- 81-100% NEAR NORMAL
- 100% ABOVE NORMAL



**RAINFALL OUTLOOK (PN)  
JANUARY 2022  
Region 7**

**Legend**

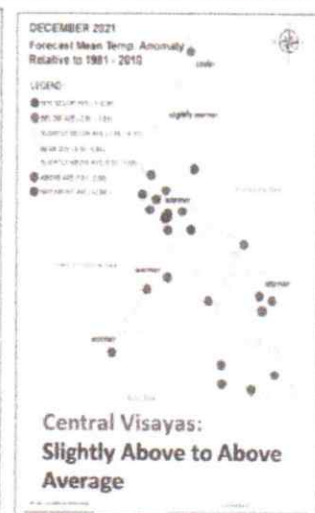
- 54% VERY BELOW NORMAL
- 41-60% BELOW NORMAL
- 81-100% NEAR NORMAL
- 100% ABOVE NORMAL



# MONTHLY MEAN TEMPERATURE FORECAST (OCTOBER 2021 – MARCH 2022)

## LEGEND

- WAY BELOW AVE (< -2.00)
- BELOW AVE (-2.00 - -1.01)
- SLIGHTLY BELOW AVE (-1.00 - -0.51)
- NEAR AVE (-0.50 - 0.50)
- SLIGHTLY ABOVE AVE (0.51 - 1.00)
- ABOVE AVE (1.01 - 2.00)
- WAY ABOVE AVE (>2.00)

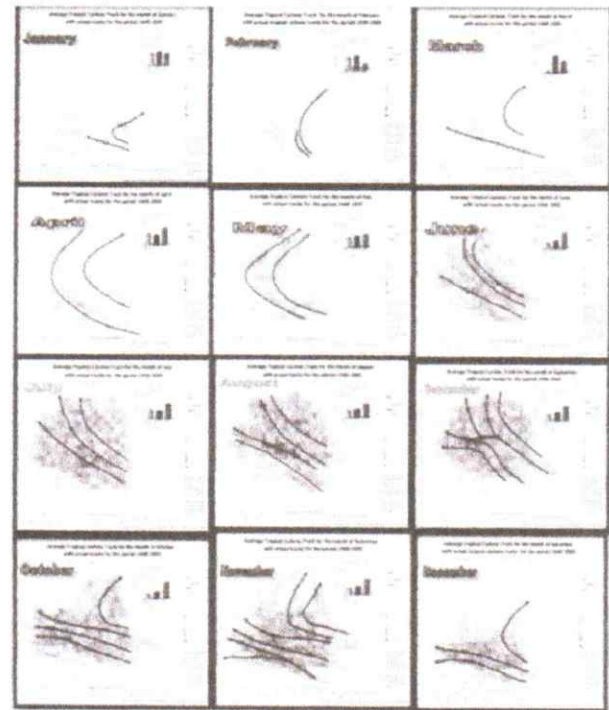




# HOW MANY TROPICAL CYCLONES SHOULD YOU EXPECT?

<b>OCTOBER 2021</b>	2 OR 3	<b>JANUARY 2022</b>	0 OR 1
<b>NOVEMBER 2021</b>	2 OR 3	<b>FEBRUARY 2022</b>	0 or 1
<b>DECEMBER 2021</b>	1 OR 2	<b>MARCH 2022</b>	0 or 1

Tropical Cyclone Tracks Climatology with actual tracks from 1948-20015



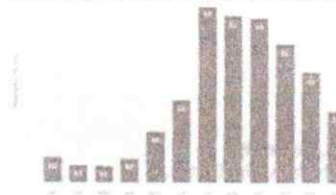
### Tropical Cyclone Wind Signals

Warning signals are based on wind speed.

<b>TC WIND SIGNAL NO. 1</b>	<b>TC WIND SIGNAL NO. 2</b>	<b>TC WIND SIGNAL NO. 3</b>	<b>TC WIND SIGNAL NO. 4</b>	<b>TC WIND SIGNAL NO. 5</b>
30-40 KPH	61-120 KPH	120-170 KPH	170-220 KPH	>220 KPH
36 HRS	24 HRS	18 HRS	12 HRS	12 HRS
TD	TS/STS	TY	TY	STY

Introduced 2015

Monthly Average Tropical Cyclone Frequency in the PAR (1948-2020)



### Tropical Cyclone Classification

Tropical cyclone intensity is based on the strength of the wind

<b>TROPICAL DEPRESSION (TROPICAL STORM)</b>	<b>TROPICAL STORM (TROPICAL STORM)</b>	<b>SEVERE TROPICAL STORM</b>	<b>TYPHOON</b>	<b>SUPER TYPHOON</b>
30 KPH	62-80 KPH	81-112 KPH	113-220 KPH	>220 KPH





# Names of Philippine Tropical Cyclones

I 2017 2021 2025 2029	II 2018 2022 2026 2030	III 2019 2023 2027 2031	IV 2020 2024 2028 2032
AURING			
BISING			
CRISING			
DANTE			
EMONG			
FABIAN			
GORIO			
HUANING			
ISANG			
JOLINA			
KIKO			
LANNIE			
MARING			
NANDO			
ODETTE			
PAOLO			
QUEDAN			
RAMIL			
SALOME			
TINO			
URDUJA			
VINTA			
WILMA			
YASMIN			
ZORAIDA			

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## SUMMARY

- ENSO Alert System Status: LA NINA ALERT
- There is a 70-80% chance of La Niña forming in the last quarter of 2021 which may persist until the first quarter of 2022.

### Forecast Rainfall:

**Central Visayas:** Generally near normal (**NN**) to above normal (**AN**) and probability of AN is high for **October to December, 2021.**

### Forecast Temperature:

**Central Visayas:** Near average to above average for **October to December, 2021.**

**Tropical Cyclones:** 5 to 8 are expected to enter/develop in the PAR from **October 2021 to March 2022.**



## SECTORAL IMPACTS OF LA NIÑA



### AGRICULTURE

- Flooding in low-lying agricultural lands
- Extensive damage to growing crops due to flooding
- Increase in pests and diseases



### WATER RESOURCES

- River flooding
- Dam spillage



### HUMAN HEALTH

- Prevalence of water-borne diseases such as cholera, leptospirosis and schistosomiasis (parasitic disease caused by worms) in flooded areas
- Loss of life from flash floods



### ENVIRONMENT

- Landslides
- Coastal erosion caused by big strong waves (storm swells) or seaside flooding (storm surge)



### URBAN

- Damage to infrastructure
- Economic losses from traffic, work and school suspension due to floods

## WHAT TO DO ?



CHECK FLOOD WARNING ADVISORIES FROM PAGASA, YOUR LOCAL DISASTER RISK REDUCTION AND MANAGEMENT OFFICE, AND LOCAL NEWS BULLETINS.

MAXIMIZE RAINWATER HARVESTING AND STORAGE.



REMOVE ANYTHING THAT OBSTRUCTS THE FREE FLOW OF WATER IN WATER BODIES IN YOUR AREA.

COOPERATE ON LOCAL MEASURES TO HELP MANAGE THE IMPACTS OF LA NIÑA.

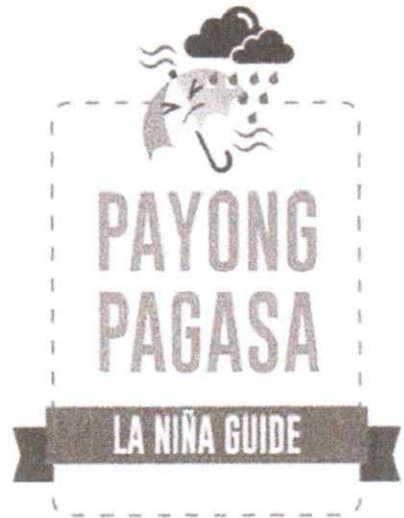


PREPARE POST-HARVEST FACILITIES FOR DRYING AND STORAGE OF AGRICULTURAL PRODUCE (RICE, CORN, ETC.)

GET CROP INSURANCE AND CHECK ADVISORIES FROM YOUR LOCAL AGRICULTURE OFFICIALS.



ALWAYS HAVE YOUR EMERGENCY DISASTER KIT READY.



Get more information and updates from your local government offices or PAGASA. Please contact the Technology and Agri-Information Division (TAD) at [itad@pagasa.gov.ph](mailto:itad@pagasa.gov.ph) or (02) 434-0998 or (02) 437-1971.

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