



Republic of the Philippines  
**Department of Education**  
REGION VII – CENTRAL VISAYAS  
DIVISION OF CITY SCHOOLS – TAGBILARAN CITY

---

Office of the Schools Division Superintendent

**DIVISION MEMORANDUM**

No. 409, s. 2021

**October 8, 2021**

**CONDUCT OF PREPAREDNESS FOR LA NIÑA**

To: Public and Private School Heads, School DRRM Coordinator and Teachers

1. This Office through the Education Support Services (ESSD) requesting all School Heads and School DRRM Coordinator 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 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 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 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 **DO 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: Dampas District, Tagbilaran City, Bohol  
Telephone Nos.: (038)427-1702; (038)427-2506; (038)422-8177; (038)427-6718; (038)544-2147  
Email Address: tagbilarancity.division@deped.gov.ph



Republic of the Philippines  
**Department of Education**  
REGION VII – CENTRAL VISAYAS  
Schools Division of City Schools – Tagbilaran City

---

4. For the details and clarifications refer to attached documents (PAG-ASA Climate Outlook from October 2021-March 2021) or you may contact Mr. Ranilo Edar through his mobile number 09287941159/09171566073 or Junicel T. Mancha through mobile number 09297895319.
5. Immediate dissemination of and strict compliance with this Order is desired.

**JOSEPH IRWIN A. LAGURA PhD**  
Schools Division Superintendent 

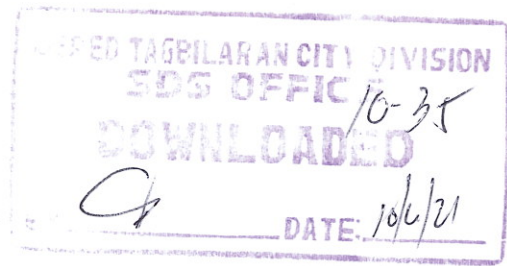


**Address:** Dampas District, Tagbilaran City, Bohol  
**Telephone Nos.:** (038)427-1702; (038)427-2506; (038)422-8177; (038)427-6718; (038)544-2147  
**Email Address:** tagbilarancity.division@deped.gov.ph

with JUNIOR  
MGT COOP



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, Lahog, Cebu City  
Telephone Nos.: (032) 231-1433; (032) 414-7399  
Email Address: rregion7@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

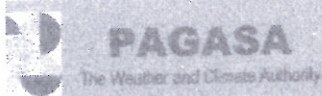
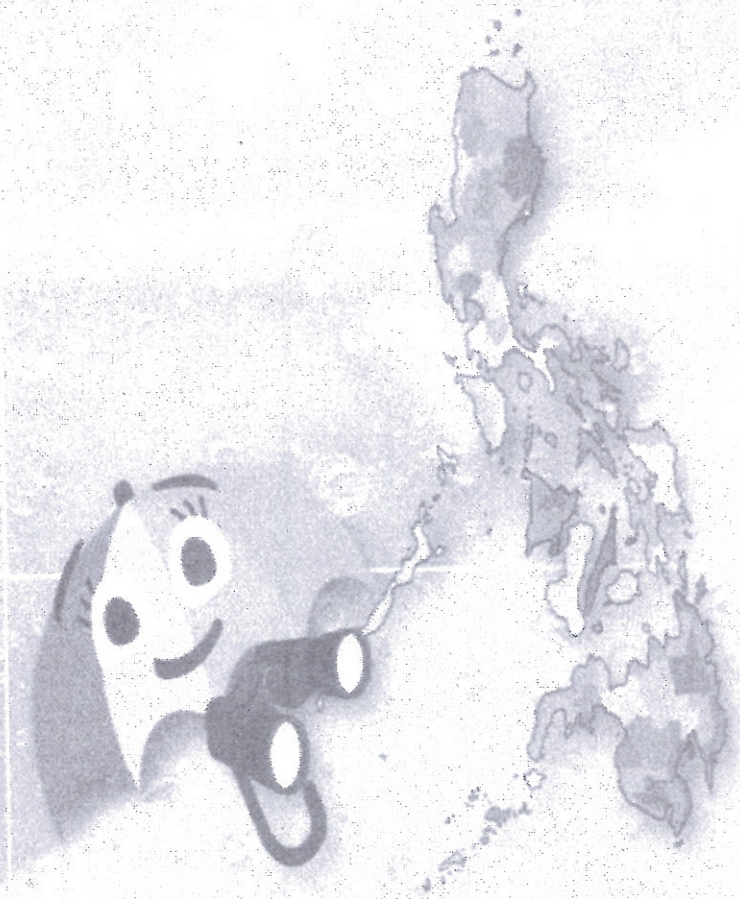
OCTOBER 2021 – MARCH 2022

Prepared by:

PAGASA-DOST

Climatology & Agrometeorology Division (CAD)

Climate Monitoring and Prediction Section (CLIMPS)



Payong  
PAGAS



---

# CONTENT



**01** ▶ ENSO STATUS

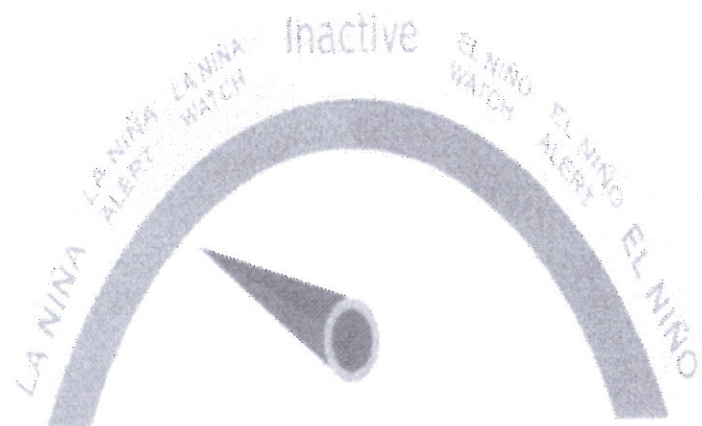
**02** ▶ Climate Outlook  
(OCTOBER 2021 – MARCH 2022)

**03** ▶ Summary



# NSO OUTLOOK

## PAGASA ENSO Alert System



- **ENSO Alert System Status: La Niña 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

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



**PAGASA**

The Weather and Climate Authority

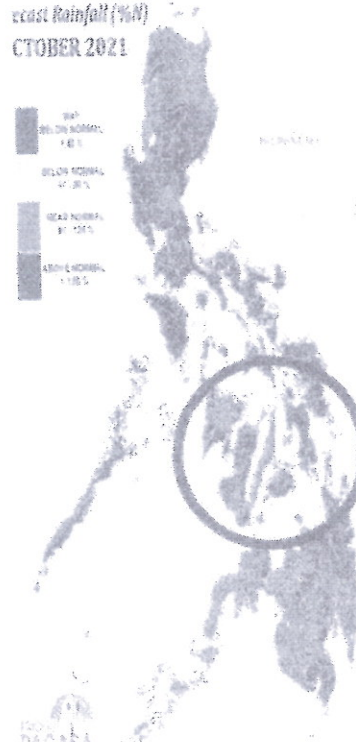
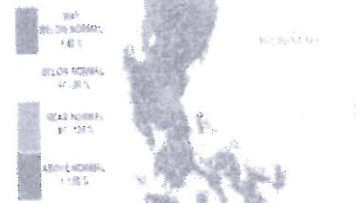
Payong  
PAGASA



# MONTHLY RAINFALL FORECAST

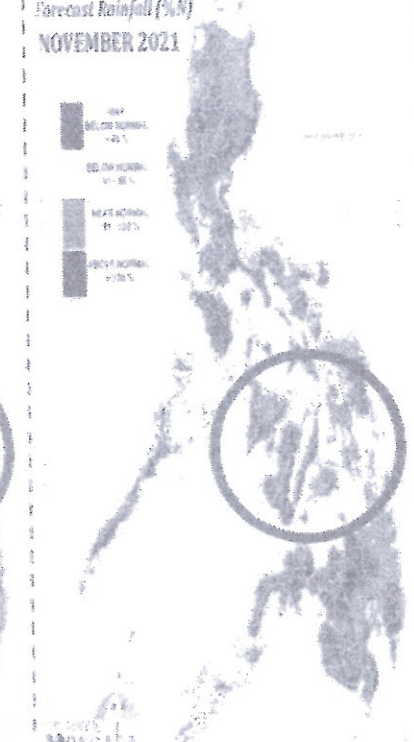
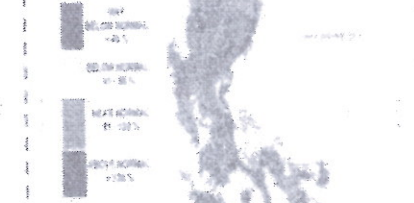
## Percent of Normal OCTOBER 2021

Forecast Rainfall (%N)  
OCTOBER 2021



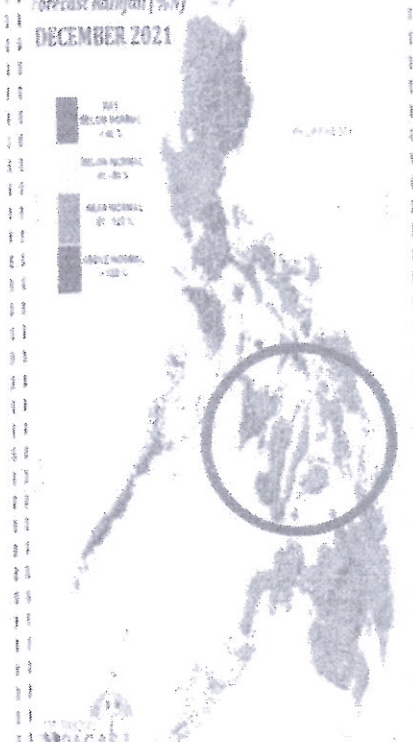
## Percent of Normal NOVEMBER 2021

Forecast Rainfall (%N)  
NOVEMBER 2021



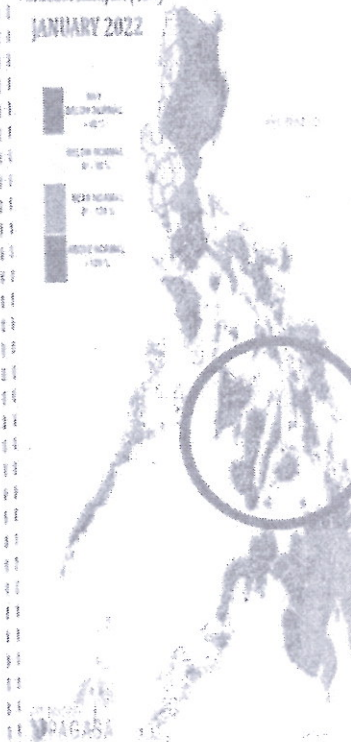
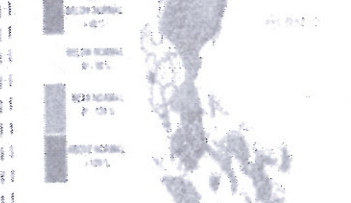
## Percent of Normal DECEMBER 2021

Forecast Rainfall (%N)  
DECEMBER 2021



## Percent of Normal JANUARY 2022

Forecast Rainfall (%N)  
JANUARY 2022



FALL OUTLOOK (PN)

NOVEMBER 2021

Region 7

mm

- 100% VERY BELOW NORMAL
- 75% BELOW NORMAL
- 50% NEAR NORMAL
- 25% ABOVE NORMAL



RAINFALL OUTLOOK (PN)  
NOVEMBER 2021  
Region 7

Legend

- 100% VERY BELOW NORMAL
- 75% BELOW NORMAL
- 50% NEAR NORMAL
- 25% ABOVE NORMAL



RAINFALL OUTLOOK (PN)  
DECEMBER 2021  
Region 7

Legend

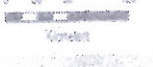
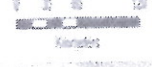
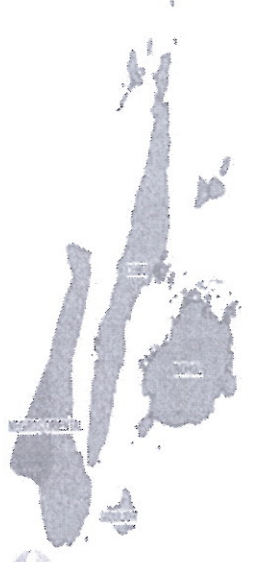
- 100% VERY BELOW NORMAL
- 75% BELOW NORMAL
- 50% NEAR NORMAL
- 25% ABOVE NORMAL



RAINFALL OUTLOOK (PN)  
JANUARY 2022  
Region 7

Legend

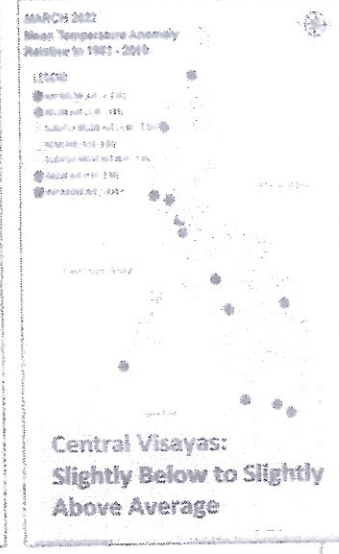
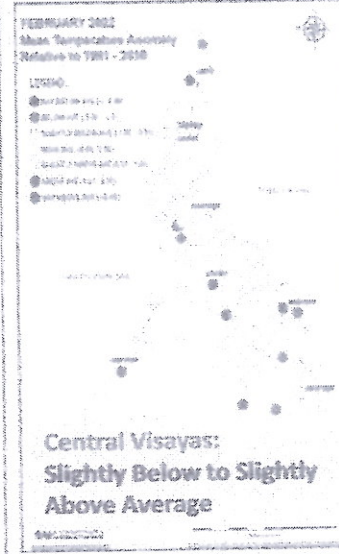
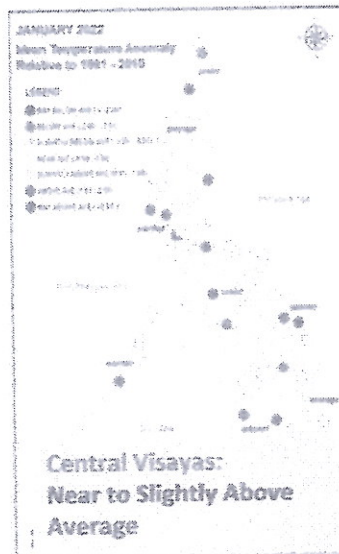
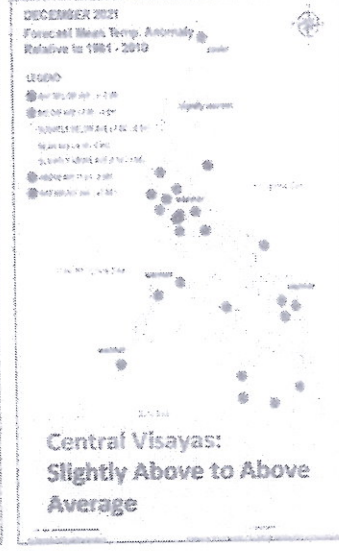
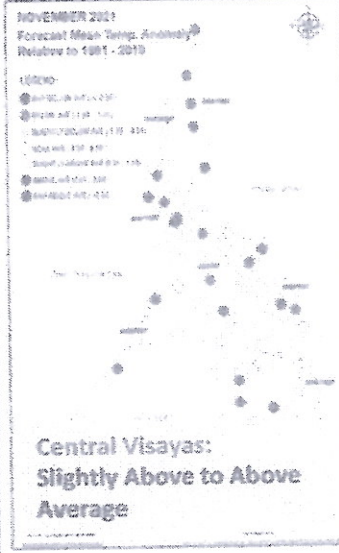
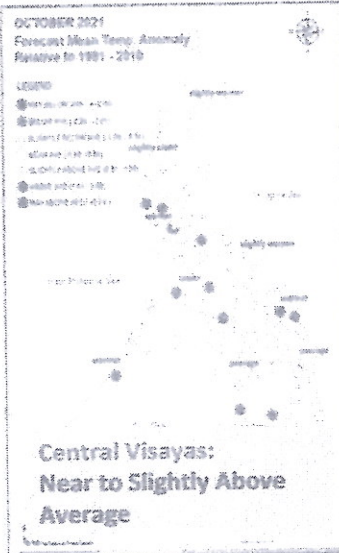
- 100% VERY BELOW NORMAL
- 75% BELOW NORMAL
- 50% NEAR NORMAL
- 25% ABOVE NORMAL



# 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 Wind Signals

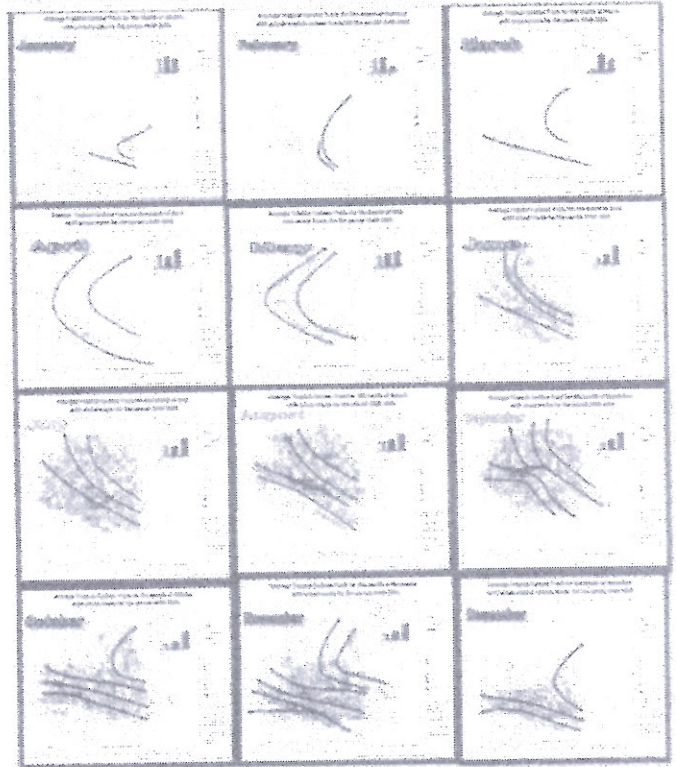
Warning signals are based on wind speed.

TC WIND SIGNAL NO. 1	TC WIND SIGNAL NO. 2	TC WIND SIGNAL NO. 3	TC WIND SIGNAL NO. 4	TC WIND SIGNAL NO. 5
30-60 KPH	61-120 KPH	121-170 KPH	171-230 KPH	>230 KPH
36 HRS	24 HRS	18 HRS	12 HRS	12 HRS
TD	TS/STS	TY	TY	STY

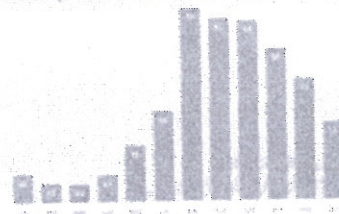
Introduced 2015



## Tropical Cyclone Tracks Climatology with actual tracks from 1948-20015



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

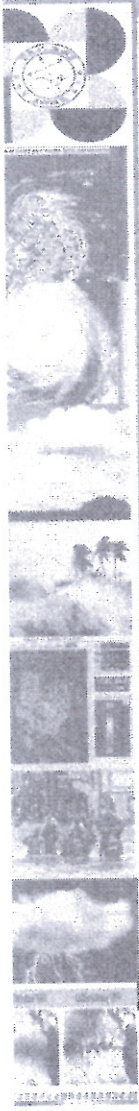


## Tropical Cyclone Classification

Tropical cyclone intensity is based on the strength of the wind.

TROPICAL DEPRESSION (local name)	TROPICAL STORM (international name)	SEVERE TROPICAL STORM	TYPHOON	SUPER TYPHOON
30 KPH	63 KPH	120 KPH	150 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			

---

## 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.**

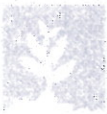
### Forecast Temperature:

**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 collapse



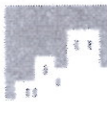
### HUMAN HEALTH

- 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 surges) or sea-level flooding (storm surge)



### URBAN

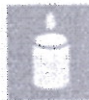
- Damage to infrastructure
- Economic losses from traffic, work and school suspension due to floods

## 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.



# PAYONG PAGASA

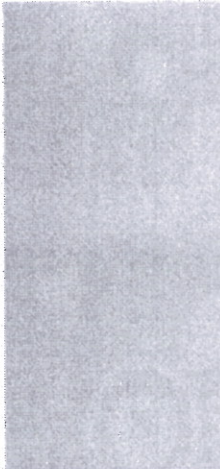
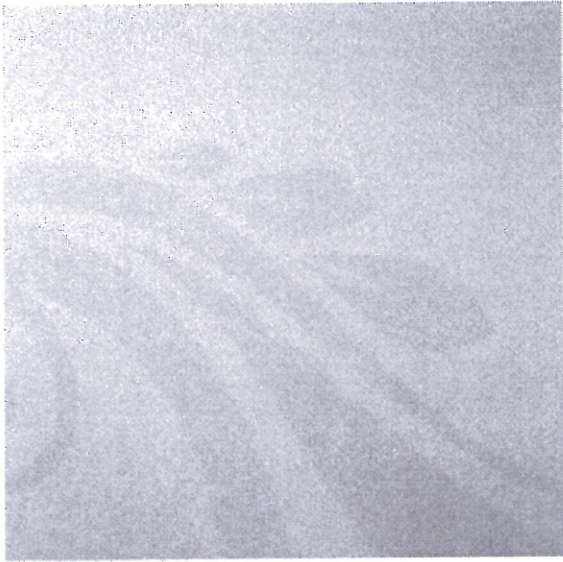
## LA NIÑA GUIDE



Graphic design and illustrations by the Philippine government office for the Philippines' National Disaster Risk Reduction and Management Council (NDRRMC) [www.ndrmmc.gov.ph](http://www.ndrmmc.gov.ph) and the Department of Agriculture (DA) [www.dava.gov.ph](http://www.dava.gov.ph) (044-2291 or 02-412-1074)

Printed: December 2010

Source: <https://www.facebook.com/PAGASA> <https://www.facebook.com/PhilippinesNDRRMC>



**PAGASA**

The Weather and Climate Authority

Payong  
PAGASA

