



Republic of the Philippines
Department of Education
Region VII – Central Visayas
Schools Division of CEBU PROVINCE

Office of the Schools Division
Superintendent

October 6, 2021

DIVISION MEMORANDUM
No. 423, s. 2021

CONDUCT PREPAREDNESS FOR LA NIÑA

To: Assistant Schools Division Superintendents
Public Schools District Supervisors/OICs
Public and Private Elementary & Secondary School Heads
District and School DRRM Coordinators
All Others Concerned

1. In line with Regional Memorandum 0891, s.2021 entitled **“Conduct Preparedness for La Niña”**, this Office through the School Governance Operations Division (SGOD)-Disaster Risk Reduction Management Section (DRRMS) is requesting all District DRRM Coordinators 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. Kindly refer to the attached documents for further details.
3. Immediate and wide dissemination of this Memorandum is desired.


MARILYN S. ANDALES EdD, CESO V
Schools Division Superintendent

MSA/LMD/VAY/ESR



Address: IPHO Bldg., Sudlon, Lahug, Cebu City
Telephone Nos.: (032) 255-6405
Email Address: cebu.province@deped.gov.ph
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Republic of the Philippines
Department of Education
REGION VII - CENTRAL VISAYAS

Office of the Regional Director

007 0 0 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
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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

140th 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)



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PAGAS





01 ▶ ENSO STATUS

02 ▶ Climate Outlook (OCTOBER 2021 – MARCH 2022)

03 ▶ Summary

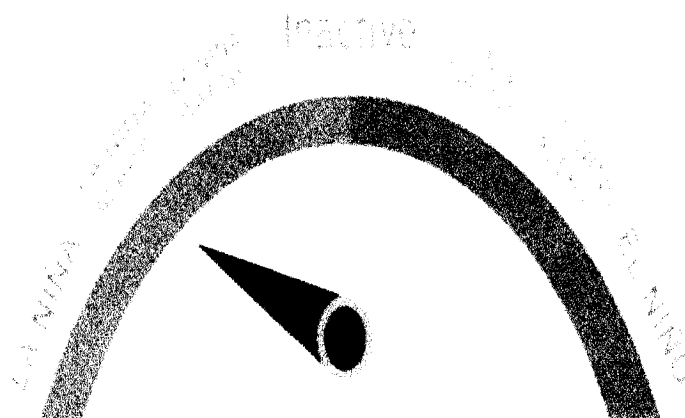
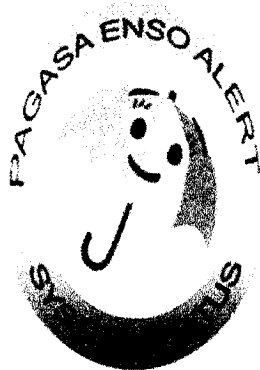
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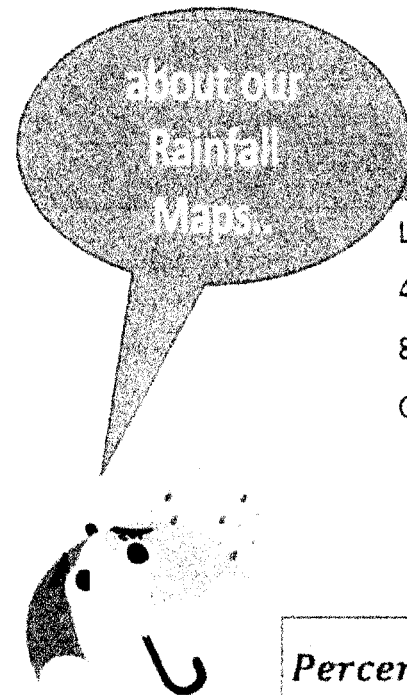
NSO OUTLOOK

ENSO Alert System

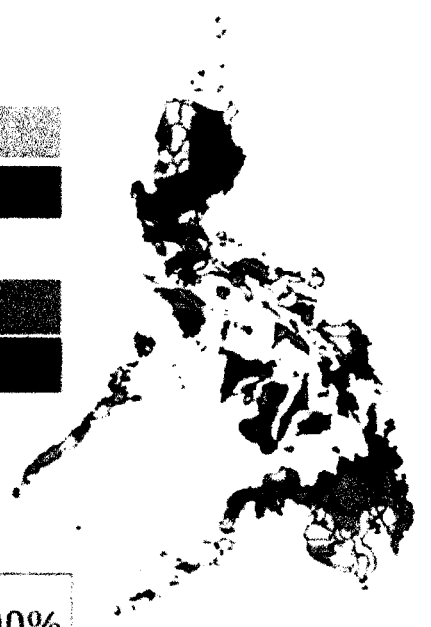


- ENSO Alert System Status: La Nina Alert
 - ✓ A transition from ENSO-neutral to La Niña is favored in the coming months;
 - ✓ There is a 70-80% chance of La Niña forming in the last quarter of 2021 which may persist until the first quarter of 2022.



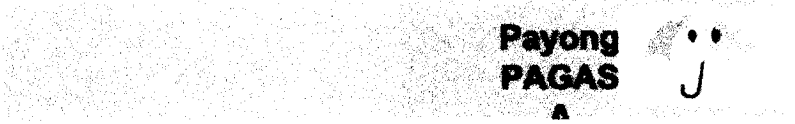
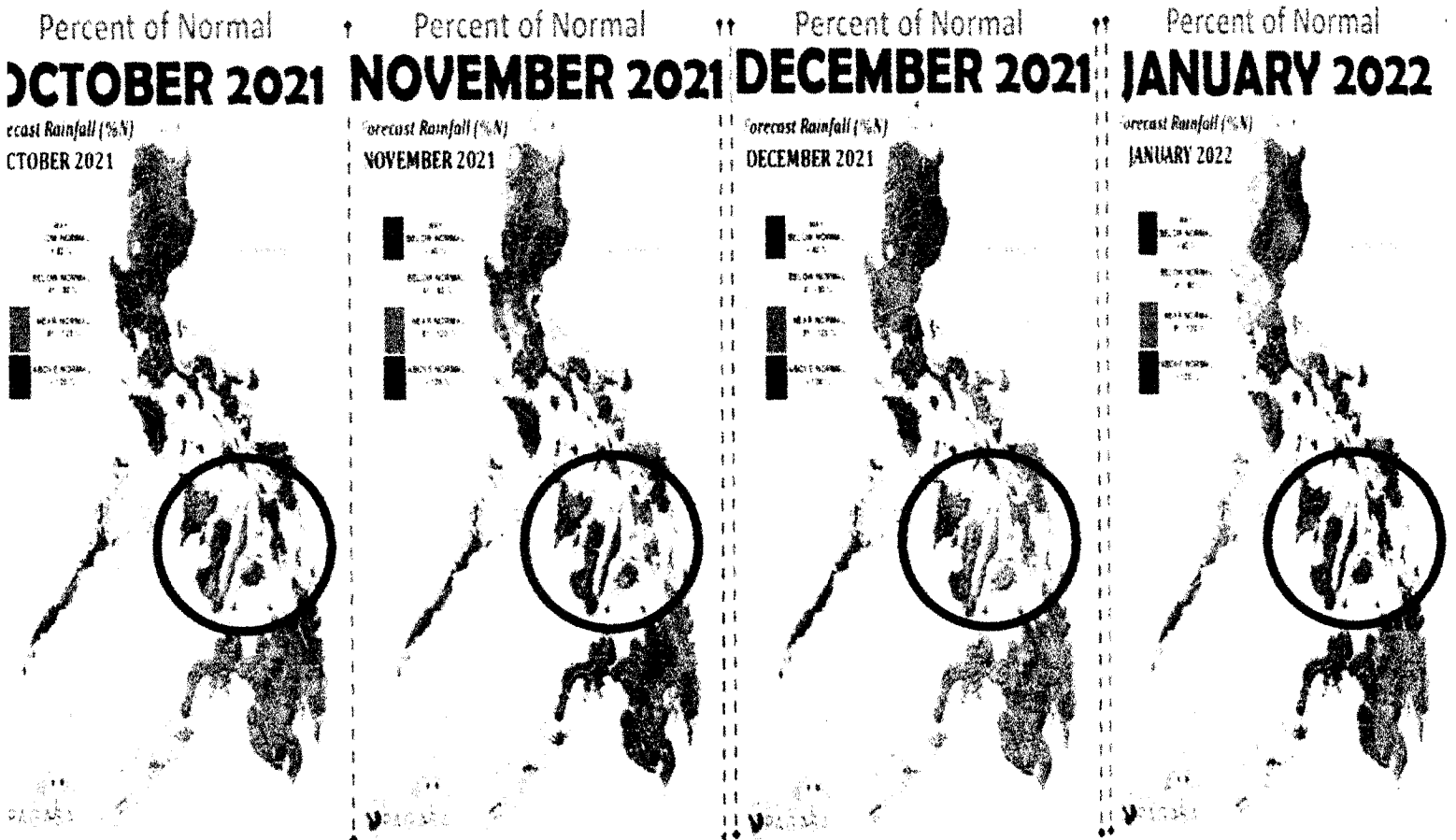


PERCENTAGE (%)	RAINFALL CONDITION
Less than or = 40	way below normal
41 – 80	below normal
81 – 120	
Greater than 120	above normal



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

MONTHLY RAINFALL FORECAST



RAINFALL OUTLOOK (PN) OCTOBER 2021

FALL OUTLOOK (PN)
OCTOBER 2021
in 7

Legend
1-40% MAY BELOW NORMAL
41-60% BELOW NORMAL
61-80% NEAR NORMAL
81-100% ABOVE NORMAL



RAINFALL OUTLOOK (PN) NOVEMBER 2021

RAINFALL OUTLOOK (PN)
NOVEMBER 2021
Region 7

Legend
1-40% MAY BELOW NORMAL
41-60% BELOW NORMAL
61-80% NEAR NORMAL
81-100% ABOVE NORMAL



RAINFALL OUTLOOK (PN) DECEMBER 2021

RAINFALL OUTLOOK (PN)
DECEMBER 2021
Region 7

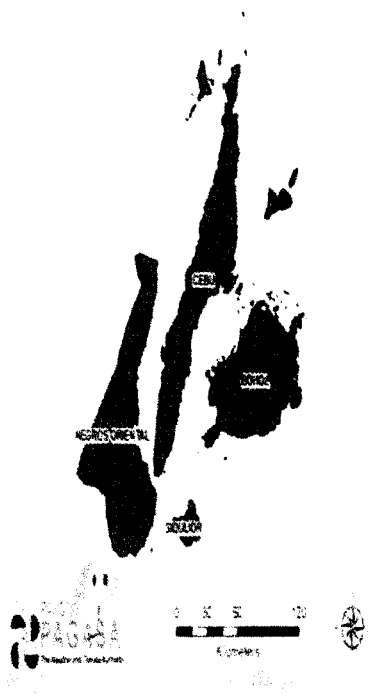
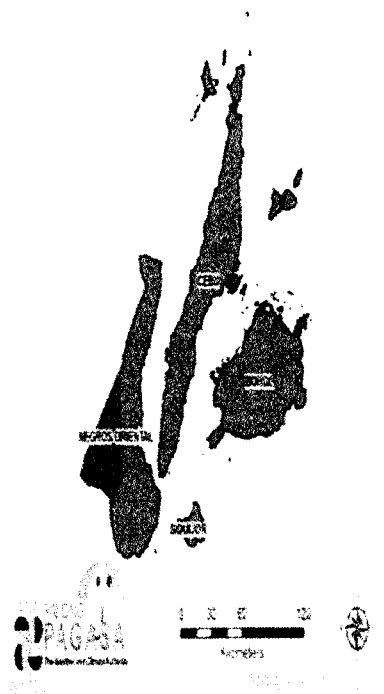
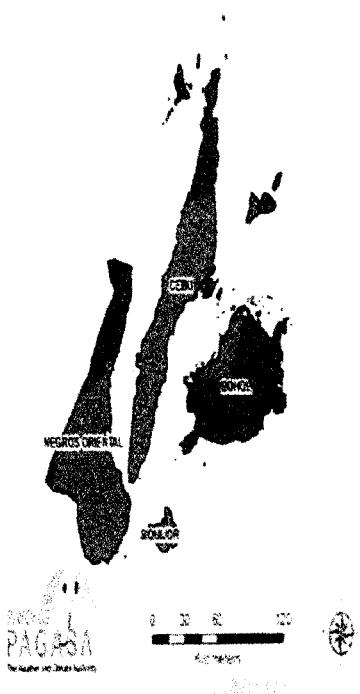
Legend
1-40% MAY BELOW NORMAL
41-60% BELOW NORMAL
61-80% NEAR NORMAL
81-100% ABOVE NORMAL



RAINFALL OUTLOOK (PN) JANUARY 2022

RAINFALL OUTLOOK (PN)
JANUARY 2022
Region 7

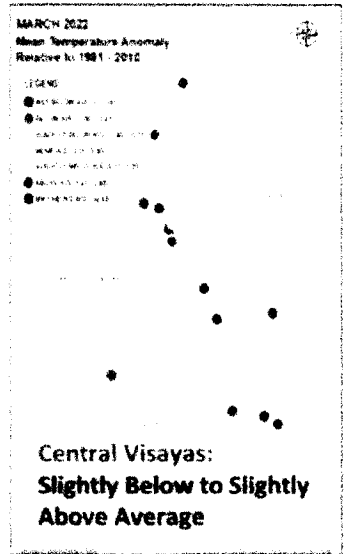
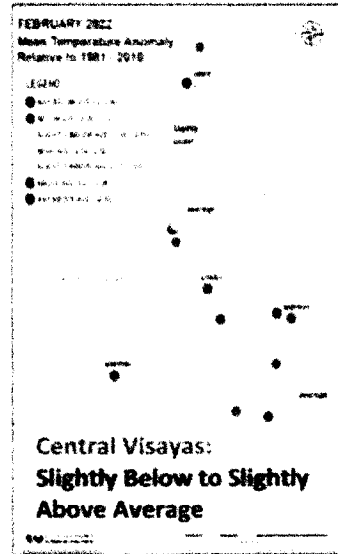
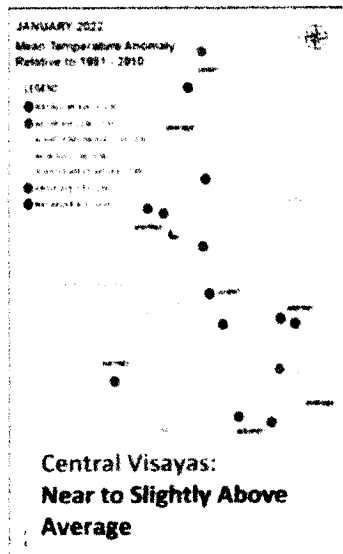
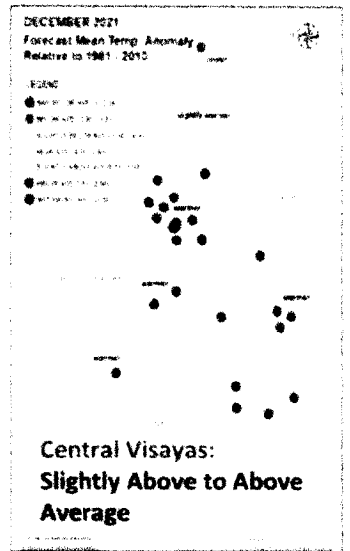
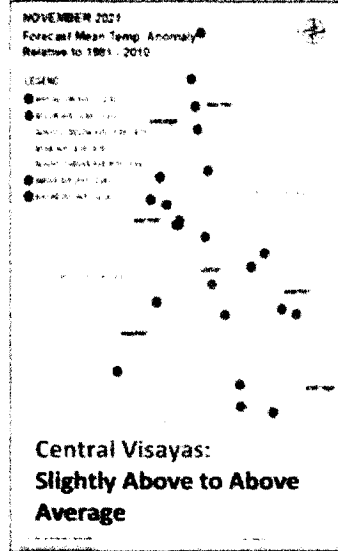
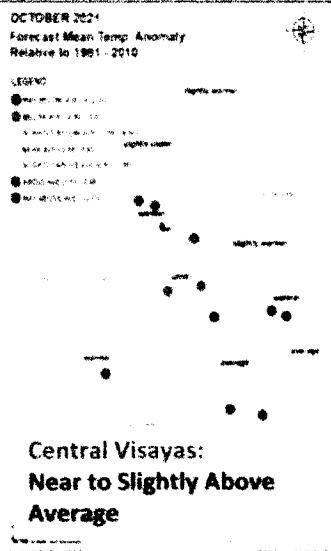
Legend
1-40% MAY BELOW NORMAL
41-60% BELOW NORMAL
61-80% NEAR NORMAL
81-100% ABOVE NORMAL



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?

OCTOBER 2021	2 OR 3	JANUARY 2022	0 OR 1
NOVEMBER 2021	2 OR 3	FEBRUARY 2022	0 OR 1
DECEMBER 2021	1 OR 2	MARCH 2022	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	120-179 KPH	170-220 KPH	>220 KPH
24 HRS	24 HRS	18 HRS	12 HRS	12 HRS
TS	TS/STS	TY	TY	STY

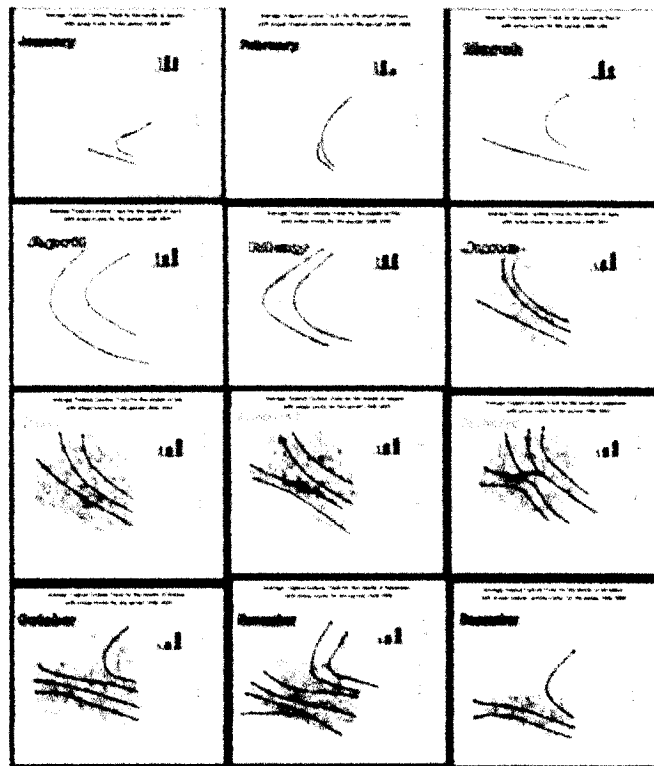
Introduced 2015



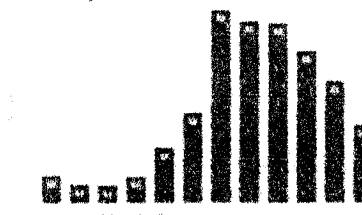
PAGASA

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Tropical Cyclone Tracks Climatology with actual tracks from 1948-20015



Monthly Average Tropical Cyclone Frequency in the PAA (1948-20015)



Tropical Cyclone Classification

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

TROPICAL STORM (TROPICAL STORM)	SEVERE TROPICAL STORM (SEVERE TROPICAL STORM)	TYPHOON (TYPHOON)	SUPER TYPHOON (SUPER TYPHOON)
61-119 KPH	120-179 KPH	180-220 KPH	>220 KPH



Names of Philippine Tropical Cyclones

I	II	III	IV
2017	2018	2019	2020
2021	2022	2023	2024
2025	2026	2027	2028
2029	2030	2031	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.

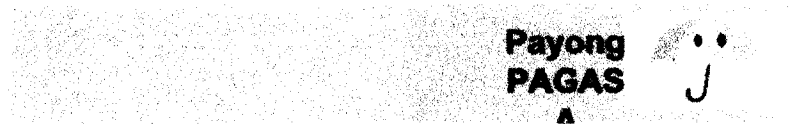
Forecast Rainfall:

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 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



URBAN

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

WHAT TO DO ?



CHECK FLDS 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

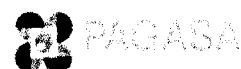
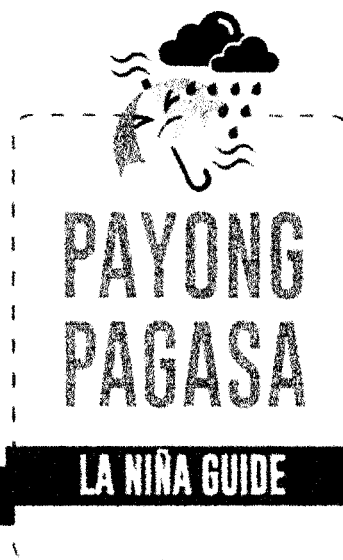


PREPARE POST-HARVEST FACILITIES FOR DRYING AND STORAGE OF AGRICULTURAL PRODUCE (RICE, CORN, ETC.)

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



ALWAYS HAVE YOUR EMERGENCY DISASTER KIT READY.



Prepared by the National Weather Service, Philippine Atmospheric, Geophysical and Astronomical Administration (PAGASA)

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For more information, visit www.pagasa.dost.gov.ph



