



Republic of the Philippines  
Department of Education  
Cordillera Administrative Region  
**DIVISION OF BAGUIO CITY**  
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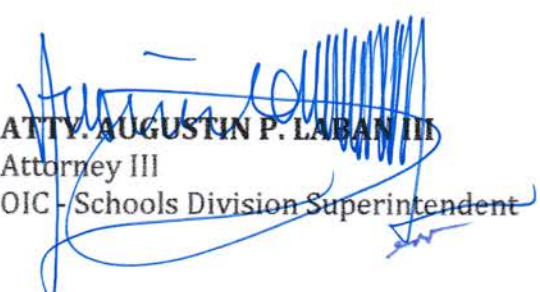
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Division Memorandum  
No. 220 s. 2016

### La Niña Infographics and Preparedness Measures

To: Public Schools District Supervisors  
Public Schools Heads  
School DRRM Coordinators

1. Per information from the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAG-ASA), the El Nino experienced in the first half of 2016 is already in its decaying stage and La Nina is developing towards the second half of 2016.
2. In order to mitigate the adverse effect of La Nina, there is an urgent need for AWARENESS campaign to be conducted in the school level. Specifically, the campaign aims to:
  - a. educate the learners and other stakeholders regarding La Nina;
  - b. encourage the learners to practice preparedness measures for La Nina and other non-hydrological emergency measures;
  - c. share correct, updated information to the family members and to the community folks.
3. Schools are advice to have the La Nina Infographics, Preparedness Measures and the Emergency Numbers be printed in tarpaulin and posted in a conspicuous area of the school.
4. Please be guided accordingly.

  
ATTY. AUGUSTIN P. LABAN III  
Attorney III  
OIC - Schools Division Superintendent

# LA NIÑA

**What do we need to know?**

"La Niña episodes represent periods of below-average sea surface temperatures across the east-central Equatorial Pacific."



**When does it happen?**

The Sea Surface Temperature (Unusual rise and fall) and the interaction of winds and other weather systems generate a climate pattern triggering an El Niño or a La Niña Phenomenon.

This phenomenon takes place in the ocean system of the land.

The impact may bring drought and excessive rainfall depending on the factors that affects the climate.

- INDICATORS**
- SEA SURFACE TEMPERATURE
  - SURFACE PRESSURE
  - TRADEWINDS
  - CLOUD



Sea Surface Temperature reaches **5-0.5°C**

Unusual cooling is happening in the Central and Eastern Equatorial Pacific

Colder temperatures are felt

Stronger Winds are coming from the East

More Clouds will form over the Philippines, therefore more rain will be generated

2016 2017 2018  
The phenomenon may last 1-3 years and occurs every 3-4 years

**How Many Tropical Cyclones are expected to enter the Philippines?**

2016		2016
JUNE	0-1	
JULY	1-3	
AUGUST	2-4	
SEPTEMBER	2-4	
OCTOBER	2-4	

**SOURCES:**  
Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)  
National Oceanic and Atmospheric Administration (US-NOAA)

## How are we affected?

### EFFECTS ON PHILIPPINE CLIMATE

- Early Rainy Season
- Short Dry Season
- Strong Monsoon Activity
- More Tropical Cyclones
- Above Normal Rainfall



### RISKS RELATED TO LA NIÑA

- FLOODING
- FLASH FLOODS
- LANDSLIDES
- COASTAL EROSIONS



### POSSIBLE IMPACTS

- LOSS OF LIFE AND PROPERTY
- PREVALENCE OF WATER-BORNE DISEASES
- EXTENSIVE DAMAGE TO CROPS
- DAMAGE TO INFRASTRUCTURE
- ECONOMIC LOSSES
- DISRUPTION OF LEARNING/EDUCATION



# PREPAREDNESS MEASURES FOR LA NIÑA

## SCHOOL DISASTER RISK MANAGEMENT



Check flood warning advisories from PAGASA, your Local Disaster Risk Reduction and Management Office, and Local News Bulletins.



Closely coordinate with your Division DRRM Coordinator for information coming from the DepEd Disaster Risk Reduction and Management Service (DRRMS) and report conditions in your school and surrounding vicinity.



Form and/or activate your School Disaster Risk Reduction and Management Team (SDRRMT). Involve various offices in the team.



Develop a School Disaster Preparedness or Contingency Plan for La Niña and Tropical Cyclone and related risks (flood, landslides).



Coordinate and work with the barangay to link preparedness measures in the School Disaster Preparedness/Contingency Plan with the Contingency Plan of the barangay.



Clean and clear canals and other waterways in the school vicinity to prevent clogging and flooding.



Prune trees to avoid entanglement from electrical wirings and potential harm to life and property.



Ensure that school buildings can withstand heavy rain and strong winds.



Install rainwater harvesting and storage in your school.



Educate personnel and learners about La Niña and weather disturbances, including rainfall warnings, typhoon signals, and possible effects and measures to undertake using the websites of the Department of Science and Technology and PAGASA.



Incorporate lessons on hazards and preparedness in classes and extra-curricular activities so that students are equipped with necessary knowledge and skills on what to do before, during, and after the onslaught of hazards.



Ensure that teachers provide assignments to students that will make them convey their learning to as well as work with their parents and family members in preparing for La Niña and other related hazards.



Identify storage areas for safekeeping of vital records, textbooks, teaching manuals, computers, and other school equipment.

## SAFE LEARNING FACILITIES

## DRR IN EDUCATION





REPUBLIC OF THE PHILIPPINES  
SCHOOLS DIVISION OF BAGUIO  
DEPARTMENT OF EDUCATION  
DIVISION DISASTER RISK REDUCTION & MANAGEMENT

# EMERGENCY NUMBERS

**DepEd BAGUIO  
DIVISION DRRM**

Tel. no. 446-6738  
442-7819 & 446-1488  
0919-437-7356

**OFFICE OF CIVIL DEFENSE  
OCD CORDILLERA**

Tel. no. 444-5298  
304-2256  
619-0986

**BAGUIO CDRRMC**

Tel. no. 442-1900 to 1905  
0999-678-4335  
0905-416-2770

**POLICE**

**BAGUIO CITY POLICE OFFICE**

Tel. no. 442-1211 & 442-4119  
304-6997  
0920-422-2861  
0917-375-8993

**HOTLINE  
166**

**AMBULANCE**

**BAGUIO CITY EMERGENCY MEDICAL SERVICE  
CDRMC OPERATION CENTER**

Tel. no. 442-1900 to 442-1905  
444-1911 & 426-8619

**FIRE**

**BAGUIO CITY FIRE STATION**

Tel. no. 443-7089  
442-2222

**HOTLINE  
160**

**MINES & GEOSCIENCE  
MINES & GEOSCIENCE BUREAU-CAR**

Tel. no. 442-6392  
304-2530

**BENEKO**

Tel. no. 0908-865-7202  
442-6663  
(OPERATOR) 442-2186  
442-2848  
0918-902-9305  
0917-592-1698

**DPWH**

**BAGUIO CITY DISTRICT  
ENGINEERING OFFICE**

Tel. no. 442-8195  
442-4576