



Department of Education
Region VI – Western Visayas
DIVISION OF AKLAN

Archbishop G.M. Reyes St., Kalibo, Aklan

Tel. Nos.: (036) 268-4235; 268-4234; 262-8816; 268-3097



March 13, 2019

DIVISION MEMORANDUM

No. 84, s. 2019


DRRM WEATHER 101 & TROPICAL CYCLONE 101 TRAINING SESSION

TO: Chief, School Governance and Operations Division
Education Program Supervisors
Public Schools District Supervisors (PSDSs)
District Disaster Risk-Reduction Management (DRRM) Coordinators
District Science Coordinators

1. Attached herewith is the letter from City Savings Bank and Weather Philippines Foundation on the conduct of **Weather 101** and **Tropical Cyclone 101** to be held on Wednesday, March 27, 2019 which is self-explanatory.
2. Expenses to be incurred shall be charged against local funds subject to the usual accounting and auditing rules and regulations.
3. Immediate and wide dissemination of this memorandum is desired.

FOR THE SCHOOLS DIVISION SUPERINTENDENT:


PATROCENIA Y. MAMBURAM

Administrative Officer V
Officer In-Charge of the Division 

Enclosure & reference: as stated

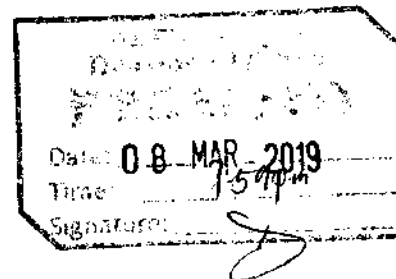
To be indicated in the Perpetual Index under the following subjects:

CALAMITY
CAMPAIGN
EMPLOYEES
ENVIRONMENT / ECOLOGY
OFFICIALS
PROGRAM
SCIENCE EDUCATION
TEACHERS

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January 08, 2019

DR. Salvador O. Ochoa, Jr., CESO VI
Schools Division Superintendent
Department of Education (DepEd)
Division of Aklan
Archbishop Reyes St., Poblacion Kalibo, Aklan



Dear Dr.Ochoa:

Greetings from City Savings Bank (CitySavings) and WeatherPhilippines Foundation (WPF)!

As part of our continued support to your disaster risk reduction and climate change adaptation initiatives, we would like to conduct a Weather 101 and Tropical Cyclone 101 training session with your disaster risk reduction officers, science and technology teachers, and selected DepEd representatives. Please see below our proposed training details:

Date	Participants/Division Office	Venue
March 27, 2019	50 pax from the Division of Aklan	Division Office

This training aims to help the participants understand basic concepts, processes, and effects of different weather disturbances and rain-producing weather systems in the country, and use this weather knowledge in creating appropriate preparedness action plans and making practical decisions to reduce the impacts of weather-related disasters. Attached is the training program and concept note for your reference.

In the past few years, both CitySavings and WPF have intensified their weather education initiatives by travelling across all DepEd regional offices across the country to conduct the said training. The success of our regional runs has inspired us to remain steadfast in our information dissemination campaign by further implementing the same for selected division offices.

Through these efforts, both CitySavings and WPF hope to empower the education sector on disaster risk reduction, and ultimately build a **#WeatherWiser** nation.

CitySaving's team, headed by Mr. Julius Rommel A. Tiples, Regional Business Head – Region VI, will be coordinating with your office to confirm our request. Should you have questions or concerns, please do not hesitate to give us a call at telephone numbers 036-268-1382.

Thank you and we look forward to hearing from you soon.


 Paula Vogelmann Ruelan
 Reputation Management Head
 City Savings Bank


 Maribeth L. Marasigan
 FVP and Chief Operating Officer
 WeatherPhilippines Foundation, Inc.

WEATHER TRAINING

OBJECTIVE: To help the participants understand the basic concepts, processes and effects of different weather disturbances and rain-producing weather systems in the country so that they can create their own disaster preparedness programs to reduce the impacts of weather-related disasters.

TRAINING OUTLINE

Weather 101 (1-Hour Session)

- I. Meteorology
 - a. Layers of the Atmosphere
 - b. Composition of the Atmosphere
 - c. Weather and Climate
 - i. Basic Elements of Weather
 - ii. Weather Forecasting
 - iii. Other Weather Disturbances or Rain-Producing Weather Systems in the Philippines
 - d. Thunderstorm
 - e. Local Thunderstorms

Tropical Cyclone 101 (1.5-Hour Session)

- I. Part 1
 - a. Introduction
 - b. Tropical Cyclone Basics
 - i. What Is A Tropical Cyclone?
 - ii. How Do Tropical Cyclones Form?
 - iii. Death & Dissipation Of Tropical Cyclones
 - iv. Energy Of A Tropical Cyclone
 - v. Movement & Speed of Tropical Cyclones
 - c. Tropical Cyclone Classification
 - i. Tropical Depression
 - ii. Typhoon Or Hurricane
 - iii. Super Typhoon
 - iv.
 - d. Typhoon Anatomy
 - i. Parts
 - ii. Size
 - e. Typhoon Hazards
 - i. Storm Surge
 - ii. Strong/High Winds
 - iii. Extreme Rainfall/Flooding
 - iv. Eyewall Mesovortices
 - v. Mudflows/Landslides
 - f. Typhoon Tracking
- II. Part 2
 - a. Buys Ballot Law (Wind Shifting)
 - b. Philippine Tropical Cyclone Frequency
 - c. Tropical Cyclone Names
 - d. Tropical Cyclone Tracks (El Niño, Neutral, and La Niña)

WEATHER 101 & TROPICAL CYCLONE 101

PROGRAM OF ACTIVITIES

8:00 AM – 8:30 AM	Arrival of Participants
	Registration
	AM Snacks
8:30 AM – 9:00 AM	<u>Opening Ceremony</u>
	National Anthem
	Doxology
	Welcome Remarks
	Presentation of Participants
	Inspirational Message
9:00 AM – 9:30 AM	Introduction to WeatherPhilippines Foundation
	Icebreaker Activity
9:30 AM – 10:30 AM	Weather 101: Basic Meteorology and Weather Processes
10:30 AM – 12:00 NN	Tropical Cyclone 101
12:00 NN – 1:00 PM	Lunch Break
1:00 PM – 1:45 PM	Typhoon Tracking Exercise
1:45 PM – 2:15 PM	Presentation on WPF's Tools and Services
2:15 PM – 3:30 PM	Workshop Proper
3:30 PM – 4:30 PM	Presentation of Workshop Output
4:30 PM – 5:00 PM	<u>Closing Ceremony</u>
	Awarding of Training Certificates
	Closing Remarks

CONCEPT NOTE

CitySavings Bank – Department of Education – WeatherPhilippines Foundation

Conduct of Weather 101 / Tropical Cyclone 101

I. RATIONALE

The Philippines is beset every year with strong typhoons that cause massive loss of property and lives. Despite this fact, the death tolls continue to be high, sometimes reaching between 1,000 and 2,000. In fact, Typhoon Yolanda (international codename: Haiyan), the most powerful typhoon ever recorded to hit land, ravaged the Philippines and claimed the lives of more than 10,000 Filipinos.

The high typhoon casualty count every year has necessitated more ways to educate the public on what typhoons and other weather disturbances are, what their effects could be, and how to prepare for them. Considering this, WeatherPhilippines Foundation (WPF) has initiated the development of a course that will cover the basics of weather systems and tropical cyclones.

II. OBJECTIVES

The purpose of the workshop is to help the Department of Education (DepEd) and the entire school community understand the basic concepts, processes, and effects of different weather disturbances and rain-producing weather systems in the country so that they can create their own disaster preparedness programs and reduce the impact of weather-related disasters.

III. TARGET PARTICIPANTS

- (1) Officers and personnel of DepEd
- (2) Designated DRRM officers and staff of DepEd
- (3) Science and technology teachers

IV. PROPOSED ACTIVITY DESIGN

WPF leads the efforts in building awareness on the science behind weather with the Weather 101 / Tropical Cyclone 101 course. WPF's seasoned meteorologists shall conduct the training, which will cover basic meteorology, tropical cyclones, and typhoon hazards among others. This course aims to provide DepEd and its disaster risk reduction officers the groundwork for developing their own disaster preparedness programs to ensure business and life continuity after a typhoon. Furthermore, this course shall equip educators with basic knowledge on weather and tropical cyclones in order for them to share these learning with their students.

V. TRAINING REQUIREMENTS

ITEM	RESPONSIBLE OFFICE
Training Venue	DepEd
Meals of Participants	City Savings Bank
Sound System + Microphones	DepEd
LCD Projector + Screen	DepEd
Airfare / Transportation of WPF Personnel	WPF (or Sponsor)
Transportation of DepEd Participants	DepEd
Accommodation of WPF Personnel (if needed)	WPF
Accommodation of DepEd Participants (if needed)	DepEd
Resource Speakers / Facilitators	WPF
Training Materials	WPF