



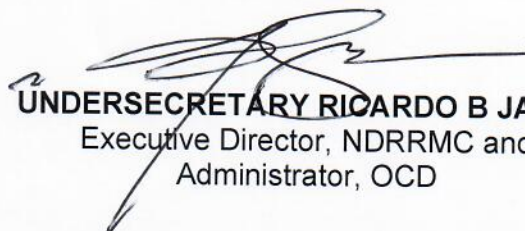
REPUBLIC OF THE PHILIPPINES
NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

NDRRMC UPDATE

**Sitrep No. 02 re Preparedness Measures and Effects for
Tail-end of a Frontal System in Regions II, MIMAROPA, V, and VI**

Releasing Officer:


UNDERSECRETARY RICARDO B JALAD
Executive Director, NDRRMC and
Administrator, OCD

DATE: 04 January 2021, 8:00 AM

Sources: DOST-PAGASA, and OCDROs II, MIMAROPA, V, and VI

I. SITUATION OVERVIEW

The Tail-End of a Frontal System (Shear Line) affecting Southern Luzon while the surge of the Northeast Monsoon is prevailing over the rest of Luzon. Hazards affecting land areas.

29 December 2020

Tail-End of a Frontal System (TEFS) affected the eastern section of Northern Luzon. The rest of Cagayan Valley and Aurora was forecasted to have cloudy skies with scattered rainshowers and thunderstorms. Possible flashfloods and landslides due to moderate with at times heavy rains. Meanwhile, Babuyan Islands and Ilocos Norte was also forecasted to have cloudy skies with scattered rains due to Northeast Monsoon, while Metro Manila and the rest of the country have partly cloudy to cloudy skies with isolated rainshowers due to localized thunderstorms.

30 December 2020

TEFS affected the eastern section of Northern and Central Luzon. Trough of the Low Pressure Area (LPA) affected the eastern sections of Visayas and Mindanao.

31 December 2020

TEFS affected the eastern section of Southern Luzon. Northeast Monsoon affected the Northern and Central Luzon. CALABARZON, Bicol Region, Kalayaan Islands, Western Visayas, Eastern Visayas, and the rest of MIMAROPA was forecasted to have cloudy skies with scattered rainshowers and thunderstorms. Meanwhile, Metro Manila, Ilocos Region, and the rest of Central Luzon was also forecasted to have partly cloudy to cloudy skies with isolated light rains caused by Northeast Monsoon.

01 January 2021

The TEFS continued to bring moderate to heavy rains over Bicol Region, southern portion of Quezon, and MIMAROPA. Light to moderate with at times heavy rains over Northern Samar, Aklan, Capiz, and the rest of Quezon. Meanwhile, light to moderate with at times heavy rains prevailed over Caraga, Davao Region, and SOCCSKSARGEN due to Easterlies.

02 January 2021

Light to moderate with at times heavy rains was experienced over Bicol Region, Quezon, and Palawan due to TEFS. Flooding (including flash floods) and rain-induced landslides may occur during heavy or prolonged periods of rainfall, especially in areas identified to be highly susceptible to these hazards or in localities that received significant amount of rainfall over the past couple of days or weeks. Adjacent or nearby areas may also experience flooding in the absence of such rainfall occurrence due to surface runoff or swelling of river channels.

03 January 2021

The Tail-End of a Frontal System affected Southern Luzon. Hazards affected land areas. Moderate with at times heavy rains was forecasted to be experienced over Bicol Region and Quezon including Polillo Islands. Scattered light to moderate rains may prevail over Metro Manila, MIMAROPA, Visayas, Mindanao, Aurora, Nueva Ecija, Bulacan, and the rest of CALABARZON. Flooding (including flash floods) and rain-induced landslides may occur during heavy or prolonged periods of rainfall, especially in areas identified to be highly susceptible to these hazards or in localities that received significant amount of rainfall over the past couple of days or weeks. Adjacent or nearby areas may also experience flooding in the absence of such rainfall occurrence due to surface runoff or swelling of river channels.

II. EFFECTS

A. INCIDENTS MONITORED

AREA	DATE / TIME	REMARKS
FLOODING - 33		
Region II - 4		
Cagayan		
Tuguegarao	30 December 2020, 9:00 AM	Leonarda and Ugac Norte were flooded due to continuous rains and subsided in the afternoon of the same day
Ballesteros	29 December 2020, 4:00 PM	Residential areas in Cabuluan East, Centro East, Centro West, and Payagan West were flooded and subsided on 31 December 2020
Solana	28 December 2020, 3:00 PM	Agricultural areas in Iraga, Bauan East, Bauan West, Lana, and Nangaliisan were reported flooded. On 31 Decemberr 2020, 8:00 AM, flooding in Bauan East receded.
Rizal	30 December 2020, 9:00 AM	Residential areas in Gaggabutan West, Baluncanag, Gaddangao were reported flooded and subsided on the same day due to continuous rains.
MIMAROPA - 3		
Palawan		
San Vicente	31 December 2020, 8:30 PM	Approximately 4ft floodwater due to continuous heavy rains was experienced in Barangays Alimanguan, San Isidro, and New Agutaya.
Oriental Mindoro		
Naujan	31 December 2020	Knee deep flooding due to continuous heavy rains.
Baco	31 December 2020	Knee deep flooding due to continuous heavy rains.
Region V - 25		
Camarines Sur		
Cabusao		Rice field flooded
Sipocot		Ankle deep. Flood Subsided.
Lupi		Spillway not passable.
Ragay		Spillway not passable.
Del Gallego		Spillway not passable to light vehicle.
Libmanan		Rice field were flooded. Knee deep flooding in residential areas.
Canaman		Above the knee deep

Minalabac		Rice field flooded
Camaligan		Rice field flooded. Ankle deep
Calabanga		Rice field flooded
Siruma		Knee deep
Baao		Ankle deep
Buhi		Ankle deep
Ocampo		Spillway damaged. 5-6 meters water level
Caramoan		Rice field flooded
Bula		Half foot – knee deep
Bato		Hip level floodwaters in 1 barangay
Iriga City		Below knee deep
Nabua		Rice Field, residential area flooded. Ankle – knee deep
Sorsogon		
Juban		
Casiguran		
Bulusan		
Barcelona		Flashflood in Barangay Bangate
Donsol		
Magallanes		
Region VI - 1		
Capiz		
Sigma		Rice fields flooded
MARITIME INCIDENT - 1		
MIMAROPA		
Oriental Mindoro		
Calapan City	30 December 2020, on or about 9:52 PM	MBCA Marable Line with 5 persons onboard was reported capsized at the vicinity waters off Brgy. Silonay, Calapan City, Oriental Mindoro. Persons onboard were rescued by SAR Team of Coast Guard Oriental Mindoro on 31 December 2020 at around 1:00 PM.

B. AFFECTED POPULATION

1. A total of **2,643 families / 10,310 persons** in **74 barangays** in Regions MIMAROPA, V, and VI were affected due to TEFS. Of which, **463 families / 1,705 persons** are currently staying in **9** evacuation centers while **450 families / 1,224 persons** opted to stay with relatives:

REGION/PROVINCE/ CITY/MUNICIPALITY	AFFECTED			NO of ECs	INSIDE EC		OUTSIDE EC	
	BRGY	FAM	PERS		FAM	PERS	FAM	PERS
TOTAL	74	2,643	10,310	9	463	1,705	450	1,224
MIMAROPA	5	166	602	-	-	-	-	-
Palawan								
San Vicente	1	55	173	-	-	-	-	-
Oriental Mindoro								
Victoria	4	111	429	-	-	-	-	-
REGION V	51	1,493	6,557	9	50	197	2	8
Albay								
Legazpi City	25	723	3,613	1	3	10	-	-
Jovellar	1	37	185	1	-	-	-	-
Camarines Sur								
Sipocot	1	5	14	-	-	-	-	-
Libmanan	1	188	940	-	-	-	-	-
Canaman	1	9	48	1	9	48	-	-
Ocampo	1	2	8	-	-	-	2	8
Sagnay	1	30	150	-	-	-	-	-

<i>Buhi</i>	1	22	61	2	18	60	-	-
<i>Nabua</i>	5	50	223	4	20	79	-	-
Sorsogon								
<i>Barcelona</i>	1	1	5	-	-	-	-	-
<i>Bulan</i>	5	357	968	-	-	-	-	-
<i>Bulusan</i>	1	7	35	-	-	-	-	-
<i>Juban</i>	3	12	67	-	-	-	-	-
<i>Matnog</i>	3	35	162	-	-	-	-	-
<i>Santa Magdalena</i>	1	15	78	-	-	-	-	-
REGION VI	18	984	3,151	-	413	1,508	448	1,216
Negros Occidental								
<i>Victorias City</i>	5	413	1,508	-	413	1,508	-	-
<i>Silay City</i>	13	571	1,643	-	-	-	448	1,216

Source: OCDROs

C. CASUALTIES

A total of **two (2) dead** and **four (4) missing** persons were reported in Region V due to TEFS.

Sources: OCDROs

Note: Subject for further validation and verification of MDM Cluster

D. STATUS OF LIFELINES

1. Roads and Bridges

A total of **22 road sections** and **3 bridges** in Regions II, MIMAROPA, V, and VI are not passable due to TEFS:

REGION/PROVINCE/ CITY/MUNICIPALITY	ROAD SECTION	STATUS	REMARKS
REGION II			
Isabela			
Cabagan	Cabagan-Sta. Maria Overflow Bridge	Not passable due to swollen river on 30 December 2020, 7:00 AM	
	Cansan-Bagutari Overflow Bridge		
Cagayan			
Tuguegarao City	Pinacanauan Nat Tuguegarao Ave. corner Bonifacio Ext.	Not passable due to stagnant water since 30 December 2020, 1:00 AM	Below 1 ft. on flood marker
	Linao-Annafunan Provincial Road (core shelter)		Above knee-deep
Solana	Sitio Masin, Iraga Road	Not passable due to 29 December 2020, 5:00 PM	
MIMAROPA			
Oriental Mindoro			
Calapan	Panggalaan Road and Sampaguita Road	Initially not passable to light vehicles due to flooding	Passable to all types of vehicle as of 01 January 2021
Baco	Boundary of Sta. Rosa and Alag		Passable as of 31 December 2020
REGION V			
Albay			
Legazpi City	Estanza-Daraga Road	Damaged road.	

	Brgy. 15 – Ilawood East	Not passable due to minor landslide	
Sorsogon			
	Jct. Putiao-Pilar-Donsol Road, Brgy. Gura, Donsol, K0565+000	Not passable due to flooding as of 01 January 2021	Alternate route via Sta. Fe – Guiron Road
	Jct. Sorsogon-Bacon-Manito, 597+600	Not passable due to landslide as of 01 January 2021	
Sorsogon City	Brgy. Osiao, Bacon District	Not passable due to minor landslide	
Bulusan	San Jose	Not passable due to minor landslide	Passable
Juban	Brgy. Taboc Road	Not passable to all kinds of vehicle due to minor landslide	
Matnog	Brgy. Culasi	Not passable due to minor landslide	
Barcelona	Calagoto-Bangate Road	Not passable due to soil erosion	
Sta. Magdalena	Brgy. San Roque	Not passable due to minor landslide	Ongoing clearing operation
Camarines Sur			
Buhi	San Pedro Zone 6	Not passable due to minor landslide	
Sagnay	Patitinan	Not passable due to rockslide	
Catanduanes			
	Jct Panganiban-Sabloyon Road K066+300 and K068+900	Not passable due to Recurring Landslide as of 02 January 2021	
REGION VI			
Negros Occidental			
Talisay City	Bangga 23 Bridge Riprap	Damaged	
Capiz			
Sigma	Dayhagon	Not passable to all types of vehicles	
	Bangonbangon		
	Cogon (Sitio Balud)		
	Poblacion Norte (Sitio Sugud)		

Source: OCDROs

2. Power Supply

A total of 12 barangays in Silay City, Negros Occidental are experiencing power interruption since 01 January 2021, 2:30 AM. Of which, 1 barangay have resumed power.

E. DAMAGES

1. Damaged Houses

A total of **54 houses (31 totally, 23 partially)** were damaged due to TEFS.

AREA	TOTALLY	PARTIALLY	TOTAL
GRAND TOTAL	31	23	54
Region V			
Camarines Sur			
San Pedro, Buhi	-	1	1

Region VI			
Negros Occidental			
Silay City	-	5	5
Talisay City	31	17	48

2. Damaged Structure

The wall of Inocencio V. Ferrer School of Fisheries in Talisay City, Negros Occidental had collapsed due to flooding.

F. STATUS OF PORTS

Airports

Flight DG 6111/6112 (Manila-Naga-Manila) was cancelled due to bad weather on 31 December 2020.

III. DISASTER PREPAREDNESS

A. NATIONAL DRRM COUNCIL (NDRRMC)

1. NDRRM Operations Center (NDRRMOC)

- Maintained RED ALERT Status since COVID-19 response operations.
- Continuous monitoring and ensure dissemination of Weather Advisories, and General Flood Advisories to all concerned RDRRMCs/OCDROs through SMS, NDRRMC website, and official social media websites for further dissemination to their respective Local Disaster Risk Reduction and Management Councils (LDRRMCs).
- Prepared a total of **13** Emergency Alert and Warning Message (EAWM) for dissemination of Telecommunication Companies to the affected areas from 30 December 2020 until 1 January 2021.

2. Philippine Atmospheric Geophysical Services Administration (PAGASA)

- Continuous weather monitoring and provision of weather updates.

B. REGIONAL DRRM COUNCILS (RDRRMC)

RDRRMCs II, MIMAROPA, V, and VI are continuously monitoring its areas of responsibility. Further, said RDRRMCs are in coordination with their respective member agencies to ensure the widest dissemination of Weather Advisories, 24-hour Public Weather Forecasts, and General Flood Advisories through SMS, facsimile, and official social media websites.

1. RDRRMC II

Office of Civil Defense (OCD) II

- Placed on RED Alert Status.
- Conducted media briefing re updates on the effects of the Tail-End of a Frontal System and Northeast Monsoon.
- Established communication link through systems in the region and its tributaries to include the water sources from the Sierra Madre Mountains, Cordillera Mountains, and flood-prone areas.

Department of the Interior and Local Government (DILG) II

- Continuous monitoring of AOR for any untoward incident.
- Continuous dissemination of advisories, warning and bulletins.

- c. Advised all LGUs to monitor PAGASA weather advisories and typhoon bulletins, the Met-Hydro Decision Support InforSys, as well as the ASTI Philsensors website and the MGB Geo-hazard Web portal.
- d. Establish critical preparedness actions based on Operations LISTO Protocols and DILG MC 2020-125- Listo sa Tag-ulan at COVID-19.

Department of Social Welfare and Development (DSWD) FO II

- a. Activated DMRT 24/7 duty to continuously coordinate with the SWAD teams and P/C/MATs in the region through P/C/MDRRMCs per area of responsibility (AOR) if there are concerns need to be addressed by the field office.
- b. Prepositioned a total stockpile worth ₱26,024,898.15; raw materials; and standby funds amounting to ₱3,000,000.00.
- c. Disaster Response Management Division (DRMD) through the Disaster Response and Rehabilitation Section continuously monitor the weather advisory and provided same to all RDRMTs, SWADTs, and Municipal Actions Team (MATs).
- d. DRMD through the Regional Resource Operations Section ensures availability of Food and Non-Food Items (FNIs) at any given time.

Department of Health (DOH) II

- a. Placed on Code WHITE Alert
- b. Placed DRRRM-H Operation Center on 24/7 operations.
- c. Coordinated with HEMB, OCD, DRRMOs, DMO IV, and V relative to the weather systems.

Philippine Information Agency (PIA) II

- a. Continuous coordination with CVRDRRMC member agencies.
- b. Disseminated information provided by CVRDRRMC member agencies to the media and public.
- c. Continuous posting of social media cards and weather bulletins/advisories through social media.

Department of Public Works and Highways (DPWH) II

- a. Placed disaster response teams on alert.
- b. Ensured availability of response assets.
- c. Coordinated with members of the CVRDRRMCs and Local DRRMCs.

Armed Forces of the Philippines (AFP)

- a. Placed disaster response teams on alert.
- b. Ensured availability of response assets.
- c. Coordinated with members of the CVRDRRMCs and Local DRRMCs.

Philippine National Police Police Regional Office (PNP PRO) II

- a. Coordinated with CVRDRRMC member agencies and P/C/MDRRMCs.
- b. Placed rescue and response assets on alert and ready status.
- c. Directed lower units to strictly monitor AOR.
- d. Conducted OPLAN "Tambuli".

Bureau of Fire Protection (BFP)II

- a. Strictly monitored the AOR to include landslide and flood prone areas.
- b. Continuous coordinated with LDRRMCs.
- c. Placed SRU teams on standby for possible deployment.

Philippine Coast Guard (PCG)

- a. Strictly monitored the AOR.

- b. Ensured availability of assets.
- c. Placed personnel on standby and ready for possible deployment.

PDRRMCs Batanes, Nueva Vizcaya, and Quirino

- a. Disseminated weather updates/advisories to the public.
- b. Coordinated with local C/MDRRMO/C's, PNP, AFP, BFP, PCG, and other stakeholders re situational update within the respective AOR.
- c. Continuously monitored the situation including major rivers, roads, and bridges within the AOR.

PDRRMC Cagayan

- a. Placed on Red alert status.
- b. Coordinated with local C/MDRRMCs, response agencies, Task Force Lingkod Cagayan (TFLC), and other stakeholders re situational update within the respective AOR.
- c. Prepositioned rescue equipment at Bangag Sub-Capitol, Lallo.
- d. Placed TFLC and Quick Response Team (QRT) on standby for possible deployment.
- e. Monitored the water gauging stations in Buntun and Magat Dam.
- f. Placed response assets and response teams on alert and standby.
- g. Continuous repacking of assorted goods and relief distribution to the affected municipalities.
- h. Conducted distribution of cash assistance and vegetable seedlings to the farmers and other victims of calamities.

CDRRMC Tuguegarao City

- a. Placed on Red alert status.
- b. Continuous monitoring of the status of main roads and bridges, water level status of Cagayan River, water gauges installed in Buntun, and Magat Dam releases.
- c. Continuous dissemination of weather updates on radio base communication, multimedia accounts, and LED TV; and sending latest situation report to BDRRMCs.
- d. Maintained all communication/hotline of rescue unit and command center open to provide assistance.

MDRRMC Lallo

- a. Continuous monitoring of flood early warning systems.
- b. Placed Rescue 35 and assets on standby.
- c. Continuous monitoring and dissemination of weather advisories.
- d. Continuous monitoring of major roads and bridges, and Cagayan River water level.
- e. Coordinated with BDRRMCs especially low-lying areas or high risk barangays through radio communications, hotlines, and social media accounts.

MDRRMCs Allacapan, Aparri, Baggao, Buguey, Camalaniugan, Claveria, Iguig, Piat, Sanchez Mira, Sta. Ana, Santa Praxedes, Sto. Nino, Solana, and Tuao

- a. Continuous monitoring of the situation within the AOR.
- b. Disseminated weather updates/advisories to the public especially in the low-lying, flood, and landslide prone areas.
- c. Continuous coordination with BDRRMCs.
- d. Placed rescue team on standby for any eventuality.

PDRRMC Isabela

- a. Coordinated with MDRRMCs re situation within its respective AOR.
- b. Continuous dissemination of weather updates/advisories to MDRRMC member and C/MDRRMOs.
- c. All local LDRRMOs strictly and continuously monitored flood and landslide prone areas within AOR.
- d. Prepared floating assets and other rescue equipment for possible deployment.
- e. Placed D.A.R.T Rescue 831 teams, React Roxas, Ilagan Fil-Chinese Volunteers (IFCV), and uniformed personnel ready for possible deployment.

MDRRMCs Cabagan and Maconacon

- a. Continuous monitoring of weather update, critical areas, and water level of rivers and dams.
- b. Placed Cabagan Rescue team 911 on standby.
- c. Prepositioned food and non-food items.
- d. Continuous dissemination of weather updates to BDRRMCs through SMS and radio message.

2. RDRRMC MIMAROPA**OCD MIMAROPA**

- a. Continuous coordination with LDRRMOs for monitoring and situation update in the Region.
- b. Ensured close coordination with response agencies and concerned LGUs re situation updates and the possible effects of weather disturbance.
- c. Ensured functionality of all communication equipment.
- d. Coordinated with PNP, MDRRMO Looc, Occidental Mindoro, PCG Southern Tagalog, and DILG re rescued banca in Looc, Occidental Mindoro.
- e. Coordinated with LGUs concerned re status of flooded areas.

PDRRMC Oriental Mindoro

- a. Continuous monitoring of weather conditions in every municipality.
- b. Continuous monitoring of rivers' water level.
- c. Provided food packs to affected families.

M/CDRRMCs

- a. Disseminated weather updates to barangays.
- b. Continuous coordination with and monitoring of barangays especially in flood-prone areas.
- c. Continuous monitoring of rivers and waterways.

3. RDRRMC V**OCD V**

- a. Coordinated with PDRRMOs re effects of Tail-end of Frontal System.
- b. Continuous coordination with LDRRMCs and response agencies relative to the weather condition.

PAGASA V

- a. Provided weather advisories including localized weather updates.

DOH V

- a. Coordinated with PDOH Offices and DRRM-H Managers.
- b. PDOH Sorsogon coordinated with MHOs on the status of evacuees and with P/MDRRMOs.

DPWH V

- a. Prepared situational reports on the effects of the TEFS in Bicol Region.
- b. Mobilized response assets and clearing teams to affected national roads and bridges.

PDRRMC Albay

- a. Released PDRRMC advisories on 31 December 2020 with the following guidelines:
 - All C/MDRRMOs and BDRRMCs shall take all necessary precautionary and counter measures for possible flood, landslide, and debris flow.
 - Maintain close monitoring and state of readiness to institute local evacuation if needed.
 - Advise public to avoid unnecessary movement/travel, outdoor activities, river crossing, or venturing into the sea.

CDRRMC Legazpi City

- a. Issued CDRRM/CCAM Council Advisory No. 033 dated 31 December 2020 for pre-emptive evacuation and other preparedness actions at the barangay and household level for those at risk to flooding, rain-induced landslide and lahar.
- b. Conducted monitoring, warning, and communication activities.
- c. Coordinated with Brgy. 15 – Ilawood East re landslide incident. Recommended for inspection of the City Engineering Office and the MGB V.

PDRRMC Camarines Sur

- a. Expanded operations of the Provincial EOC.
- b. Activated communications group that disseminates information and warning advisories relative to the weather disturbance down to the 1,036 barangays of the province, 35 MDRRMOs, and 1 CDRRMO.
- c. Issued Memorandum No. 2 re Supplemental Provisions to the Red Alert Status on 31 December 2020.
- d. Continuous monitoring of weather forecast and rainfall advisory issued by PAGASA and disseminated same to the public via SMS, social media, and infolinks.
- e. Deployed PNP SRR Team in Buhi to assist for possible evacuation of residents in flood-prone area.
- f. Conducted relief operation in 8 barangays of the Municipality of Buhi.

PDRRMC Camarines Norte

- a. Ongoing search and retrieval operation with MDRRMO Labo and WISAR Camarines Norte relative to the missing individual from Labo.
- b. Established EOC and conducted PDRA on 28 December 2020.
- c. Disseminated weather bulletins at the Provincial EOC and through social media pages.
- d. Coordinated with all 12 municipalities within the province.
- e. Coordinated with PCG and PDRRMO.

PDRRMCs Catanduanes, Masbate, and Sorsogon

- a. Continuous monitoring of weather forecast and rainfall advisories.

4. RDRRMC VI

OCD VI

- a. Coordinated with PDRRMC Negros Occidental.
- b. Continuous monitoring of the AOR.

PDRRMC Negros Occidental

- a. Disseminated information through media, radio outlets, email, SMS, and social media.
- b. Dispatched PDRRMO response team and vehicles.
- c. Continuous monitoring of Bantay Panahon of Negros Occidental.

CDRRMC Talisay City

- a. Conducted water level monitoring with BFP Talisay.
- b. Advised barangay to start evacuation in high risk areas.
- c. Conducted rescue operation with BFP Talisay.
- d. Provided hot meal to affected families.
- e. Continuous packing and distribution of relief to the affected families.

CDRRMCs Victorias and Silay, Talisay

- a. Dispatched CDRRMO Response Team.
- b. Continuous monitoring of the AOR.

PDRRMC Capiz

- a. Continuous coordination with the C/MDRRMOs by means of unified command radio frequency or social media to obtain real-time updates on their respective AOR.
- b. Placed all response units on standby for possible deployment.

MDRRMCs Cuartero, Jamindan, and Sigma

- a. Conducted ocular inspection with their AOR.
 - b. Placed response units on standby for possible deployment.
 - c. Advised BDRRMCs to take precautionary measures and preparedness re the effects of TEFS.
-