



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

Situational Report No. 42 re Taal Volcano Eruption

Releasing Officer:

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

DATE : 25 January 2020, 6:00 PM

Sources: DOST-PHIVOLCS, DOST-PAGASA, DILG, MIAA, BFP, AFP, PCG, PNP, DPWH, DOH, DepEd, PRC and OCD ROs III, CALABARZON, MIMAROPA, and NCR

I. SITUATION OVERVIEW

A. Volcanic Earthquake

Source: DOST-PHIVOLCS

The Philippine Seismic Network (PSN) plotted a total of **744 volcanic earthquakes** as of **25 January 2020, 5:00 AM**. 176 of these registered at magnitudes 1.2 – 4.1 and were felt at Intensities I – V.

B. 3-Day Wind Forecast for Taal Volcano (25 January 2020, 5:00 PM – 27 January 2020, 5:00 PM)

Source: DOST-PAGASA NCR-PRSD

Batangas, Cavite, and Laguna will have cloudy to cloudy skies with scattered rainshowers and thunderstorms.

HEIGHT (Above Sea Level)	3-Day Forecast Wind Profile		
	25 January 2020	26 January 2020	27 January 2020
1.5 km	10-40 kph from the Southeast to Southwest	10-30 kph from the Southwest becoming North	10-30 kph from the North to West
3.0 km	10-30 kph from the Southeast to Southwest	10-30 kph from the Southwest to West	10-30 kph from the West to Southwest
5.0 km	10-45 kph from the South to West	10-55 kph from the West to Southwest	40-45 kph from the Southwest to West
7.0 km	40-65 kph from the Southwest to West	45-75 kph from the West	40-65 kph from the West
10.0 – 12.0 km	45-75 kph from the West to Southwest	45-75 kph from the Southwest to West	25-65 kph from the West to Southwest

If the eruption column remains at 5.0 km or below, the ash plumes may be drifted to the Municipalities **east and northeast** of Taal Volcano. However, if a major eruption occurs within the forecast period and the column exceeds 7.0 km, ash plumes may also be drifted over the western parts of Laguna and some parts of Quezon province.

II. EFFECTS

A. Affected Population

- A total **90,533 families / 348,563 persons** were affected in the Provinces of Batangas, Quezon, Laguna, and Cavite.
- Of which, a total of **37,445 / 137,994 persons** are taking temporary shelter in **488 evacuation centers** while **38,102 families / 148,271 persons** are served outside ECs.
- The LGUs of Alitagtag, Balayan, Batangas City, Bauan, Calatagan, Ibaan, Lian, Lipa City, Lobo, Malvar, Nasugbu, Padre Garcia, Rosario, San Jose, San Juan, San Luis, San Pascual, Santa Teresita, Sto. Tomas, Taysan, and Tuy in Batangas; Alfonso, Amadeo, Dasmariñas, General Emilio Aguinaldo, Indang, Maragondon, Mendez (Mendez- Nuñez), Naic, Silang, Tagaytay City, and Ternate in Cavite; Alaminos, Bay, Cabuyao, City of Calamba, Cavinti, Kalayaan, Los Baños, Magdalena, Nagcarlan, San Pablo City, Santa Cruz, and City of Sta. Rosa in Laguna; Candelaria, Dolores, Gumaca, Infanta, Pagbilao, Pitogo, San Antonio, Sariaya, and Tiaong in Quezon; and Caloocan, **Makati**, Malabon, Manila, **Marikina**, Muntinlupa, Parañaque, Taguig, Quezon City, San Juan and **Valenzuela** in NCR hosted IDPs from affected municipalities.

Sources: DSWD DROMIC Report No. 24 on the Taal Volcano Phreatic Eruption as of 25 January 2020, 6:00 AM and OCD CALABARZON

Note: Change in figures are due to ongoing validation and verification.

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

B. Status of Lifelines

Roads

- A total of **8 road sections** were reported closed due to the conduct of debris/clearing operations while some roads were locked-down as safety precautions for the community.
- As of 6:00 PM, 22 January 2020, a total of 4 road sections are now passable.

ROAD SECTION	STATUS	REMARKS
CALABARZON		
Batangas 1st DEO		
Palico-Balayan-Batangas Road, K0127+020 – K0132 + 550 (Lemery Section), Batangas	Passable as of 18 January 2020, 10:00 AM	On LOCKDOWN for possible Taal Eruption as of 16 January 2020, 8:00 AM. All equipment and personnel were moved to DPWH Balayan office.
Batangas 3rd DEO		
Tanauan-Talisay-Tagaytay Road, Talisay-Tagaytay Section, Talisay, Batangas	Ashfall was partially cleared but currently on partial lockdown going to Talisay as per advised of LGU as safety precautions for the community. Road closed at K0070+000 due to presence of ashfall.	All clearing Operations are suspended temporarily on areas within the 14-km Radius Permanent Danger Zone. All deployed personnel and equipment are on standby at Batangas 3 rd DEO to resume rescue/clearing operations On 14 January 2020, 4:00 PM, road section was reported passable but was then closed on 15 January 2020 due to ashfall.
Talisay Laurel-Agoncillo Road		
a. Laurel Section, K0082+000-K0102+000, Batangas	Ashfall was partially cleared but currently on total lockdown with window hours from 6:00 AM - 10:00 AM at Municipality of Talisay only, as per advised of LGU as safety precautions for the community. Road closed at K0102+026 - K0102+082 due to presence of ashfall.	All clearing Operations are suspended temporarily on areas w/in the 14-km Radius Permanent Danger Zone. All deployed personnel and equipment are on standby at Batangas 3 rd DEO to resume rescue/clearing operations

ROAD SECTION	STATUS	REMARKS
b. Agoncillo Section (unclassified road from Brgy. Banyaga Agoncillo – 12km stretch)	Ashfall was partially cleared but currently on total lockdown as per advised of LGU as safety precautions for the community	All clearing Operations are suspended temporarily on areas w/in the 14-km Radius Permanent Danger Zone. All deployed personnel and equipment are on standby at Batangas 3 rd DEO to resume rescue/clearing operations
c. K0114+254-K0121+074	Ashfall was cleared but currently on lockdown as per advised of LGU as safety precautions for the community	Cleared but with total lockdown with window hours from 6:00 AM to 10:00 AM at Municipality of Talisay only
Lake Taal – Tagaytay Road, Batangas	Passable as of 19 January 2020, 8:48 PM.	On LOCKDOWN as a safety precautions for the community. All clearing Operations are suspended temporarily on areas within the 14-km Radius Permanent Danger Zone. All deployed personnel and equipment are on standby at Batangas 3 rd DEO to resume rescue/clearing operations.
Cavite 2nd DEO		
Tagaytay – Taal Lake Road, K0057 + (-1209) – K0064 + 357, Tagaytay, Cavite	Passable as of 18 January 2020, 2:00 PM	On LOCKDOWN as a safety precautions for the community as of 15 January 2020, 8:00 AM. Clearing operations are suspended due to lock down. Equipment and personnel are on standby to resume rescue and relief operations
Tagaytay – Talisay Road, K0060 + (-158) – K0062 + 213, Tagaytay, Cavite	Passable as of 18 January 2020	On LOCKDOWN as a safety precautions for the community. Clearing operations are suspended due to lock down. Equipment and personnel are on standby to resume rescue and relief operations.

Source: DPWH Situational Report on Major Roads and Bridges due to Taal Volcano Eruption as of 21 January 2020, 1:00 PM

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

Air Travel

A total of **643 flights (383 domestic and 260 international)** were reported cancelled due to the volcanic ash from Taal Volcano. All flights have already resumed.

Sources: MIAA and OCD ROs NCR and III
Note: Change in figures is due to verification and validation.

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

Power Supply

A total of **20 cities/municipalities** experienced power interruption in the Provinces of Cavite, Laguna, and Batangas (CALABARZON). As of 20 January 2020, all reported areas have restored power.

REGION/ PROVINCE/ MUNICIPALITY /CITY	DATE OF INTERRUPTION / OUTAGE	DATE RESTORED
Cavite		
Amadeo	12 January 2020	15 January 2020, 9:30 AM
Tagaytay City	12 January 2020	15 January 2020, 9:30 AM
Alfonso	13 January 2020	17 January 2020, 9:30 AM
Indang	13 January 2020	17 January 2020, 9:30 AM
Mendez	13 January 2020	17 January 2020, 9:30 AM
Laguna		
Calamba	13 January 2020	January 15, 2020 - 6 brgys January 18, 2020 - 2 brgys January 19, 2020 - 1 brgy
Cabuyao	13 January 2020	17 January 2020, 8:00 PM
Kalayaan	15 January 2020, 2:00 AM	15 January 2020, 8:00 AM
Lumban	15 January 2020, 2:00 AM	15 January 2020, 5:00 AM
Pagsanjan	15 January 2020, 2:00 AM	15 January 2020, 7:30 AM
Cavinti	15 January 2020, 2:00 AM	15 January 2020, 6:00AM

REGION/ PROVINCE/ MUNICIPALITY /CITY	DATE OF INTERRUPTION / OUTAGE	DATE RESTORED
Paete	15 January 2020, 2:00 AM	15 January 2020, 7:30 AM
Sta. Rosa	13 January 2020, 2:50 PM	13 January 2020, 3:30 PM
San Pedro	13 January 2020, 2:50 PM	13 January 2020, 5:00 PM
Batangas		
Lipa City	12 January 2020, 6:00 PM	6 January 2020 4:00 PM
Tanauan City	12 January 2020, 6:00 PM	14 January 2020, 5:00 PM
Laurel	12 January 2020, 1:00 PM	17 January 2020, 5:00 PM
Talisay	12 January 2020, 5:45 PM	14 January 2020, 5:00 PM
Lemery	12 January 2020	17 January 2020, 5:00 PM
Malvar	13 January 2020	14 January 2020, 4:00 PM

Sources: OCD CALABARZON and DILG

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

C. Suspension of Classes and Work

Suspension of Classes

A total of **264 cities/municipalities** in Regions III, CALABARZON, MIMAROPA, and NCR declared suspension of classes. As of **23 January 2020**, classes in **228 cities/municipalities** have resumed.

Sources: OCD ROs III, CALABARZON, and NCR

Suspension of Work

On 13 January 2020, work in all government offices in Regions III, CALABARZON, MIMAROPA (Occidental Mindoro: Abra de Ilog, Mamburao, Paluan, Looc, and Lubang) and NCR were declared suspended. As of 14 January 2020, work in all government offices in MIMAROPA (Occidental Mindoro: Abra de Ilog, Mamburao, Paluan, Looc, and Lubang), CALABARZON, and NCR have resumed.

Sources: Office of the Executive Secretary/PIA, and OCDRO MIMAROPA

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

D. Cost of Damage

A total of **₱3,215,788,882.00** worth of damage to agriculture was incurred in the provinces of Batangas, Laguna and Cavite (CALABARZON).

REGION/ PROVINCE	CORN	HVC	RICE	FISHERIES	LIVESTOCK	TOTAL COST
TOTAL	₱88,937,300.00	₱1,394,857,909.00	₱5,655,840.00	₱1,600,000,000.00	₱126,337,833.00	₱3,215,788,882.00
CALABARZON	₱88,937,300.00	₱1,394,857,909.00	₱5,655,840.00	₱1,600,000,000.00	₱126,337,833.00	₱3,215,788,882.00
Batangas	₱88,584,500.00	₱341,058,927.00	₱4,600,000.00	₱1,600,000,000.00	₱126,272,833.00	₱2,160,516,260.00
Cavite	₱352,800.00	₱1,023,134,150.00	₱1,026,200.00	-	₱65,000.00	₱1,024,578,150.00
Laguna	-	₱30,664,832.00	₱29,640.00	-	-	₱30,694,472.00

Source: Department of Agriculture Bulletin No. 07 as of 19 January 2020, 5:00 PM

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

E. Declaration of State of Calamity

The following areas were declared under State of Calamity due to Taal Volcano's Phreatic Eruption:

REGION/ PROVINCE/ CITY/ MUNICIPALITY	RESOLUTION NO.	DATE
CALABARZON		
Batangas Province	001, s. 2020	13 January 2020
Cavite Province	1389, s. 2020	15 January 2020
Tagaytay City	2020-364	15 January 2020

Source: OCD CALABARZON

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

F. Areas on Lockdown

The following cities/municipalities in Batangas (CALABARZON) implemented total and partial lockdown:

AREA	DATE	REMARKS
BATANGAS		
<i>Lemery</i>	19 January 2020, 6:00 PM	Total
<i>Agoncillo</i>	19 January 2020, 6:00 PM	Total
<i>Laurel</i>	19 January 2020, 6:00 PM	Partial
<i>Balete</i>	19 January 2020, 6:00 PM	Total
<i>Sta. Teresita</i>	19 January 2020, 6:00 PM	Total
<i>Talisay</i>	19 January 2020, 6:00 PM	Total
<i>Taal</i>	19 January 2020, 6:00 PM	Partial
<i>San Nicolas</i>	19 January 2020, 6:00 PM	Total
<i>Mataas na Kahoy</i>	21 January 2020	Total
<i>Cuenca</i>	21 January 2020	Partial
<i>Alitagtag</i>	21 January 2020	Partial
<i>City of Tanauan</i>	21 January 2020	Total

Sources: OCD CALABARZON and PNP

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

III. DISASTER PREPAREDNESS AND RESPONSE

A. National Disaster Risk Reduction and Management Council (NDRRMC)

1. NDRRM Operations Center (NDRRMOC)

- Activated the alert status to RED effective 12 January 2020, 9:00 PM.
- Continuously coordinating with OCDROs III, CALABARZON, and NCR re status of Taal Volcano.
- Disseminated information/notification thru Short Messaging System.
- Conducted Response Cluster meeting on 13 January 2020, 8:00 AM, at the 3rd Floor New NDRRMC Building, Camp General Emilio Aguinaldo, Quezon City.
- Prepared and disseminated Emergency Alert and Warning Message (EAWM) to provide information and warning to the public regarding the eruption:

EAWM	Date and Time	Area
Taal Volcano Alert Level 3	12 January 2020, 4:20 PM	Batangas
Health Advisory re Ashfall	12 January 2020, 6:16 PM	Batangas, Cavite, and Laguna
Taal Volcano Alert Level 4	12 January 2020, 7:30 PM	Batangas, Cavite, and Laguna
Taal Volcano re Ashfall	13 January 2020, 3:50 AM	Batangas, Bulacan, Cavite, Laguna, Rizal, and NCR

- Activated Response Cluster on 13 January 2020, 12:00 NN.
- Conducted Response Cluster Meeting for the Worst-Case Scenario re Phreatic Eruption of Taal Volcano on 15 January 2020, 11:00 AM, at the 3rd Floor New NDRRMC Building, Camp General Emilio Aguinaldo, Quezon City.
- Conducted Joint NDRRMC-RDRRMC CALABARZON Response Cluster Meeting on 17 January 2020, 1:00 PM at Batangas Sports Complex, Batangas City.
- Conducted 3rd Response Cluster Meeting on 20 January 2020, 2:00 PM at the NDRRMC Building, Camp General Emilio Aguinaldo, Quezon City.

2. Armed Forces of the Philippines (AFP)

JTG TAAL

- a. AFP/PNP Humanitarian Assistance and Disaster Relief provided manpower support for the unloading of relief supplies, transportation for the relief goods, medical check-up to the evacuees, and conducted checkpoints and security on lockdown areas.
- b. 355th Aviation Engineering Wing conducted latrine construction at the Main Evacuation Center, City Complex, Poblacion 3, Sitio Tornas, Batangas.

3. Philippine National Police (PNP)

- a. As of 25 January 2020, 3:00 PM:
 - Deployed 2,332 SAR personnel from the National and Regional PNP headquarters
 - 9,541 SAR personnel are placed on standby
 - Deployed 2,106 evacuation areas for security and law and order concerns
 - Rescued 132,154 civilians
 - Deployed 178 personnel from PRO CALABARZON in areas vacated by affected residents

B. Regional/Local Disaster Risk Reduction and Management Councils (R/LDRRMCs)

RDRRMCs III, CALABARZON, MIMAROPA, and NCR are continuously monitoring their areas of responsibility and are in close coordination with their respective member agencies to ensure the widest dissemination of updates and advisories through SMS, facsimile, and official social media websites.

RDRRMC	ALERT STATUS	DATE
III	BLUE	13 January 2020, 1:00 AM
CALABARZON	RED	12 January 2020, 4:00 PM
NCR	BLUE	12 January 2020, 8:00 PM
MIMAROPA	BLUE	12 January 2020, 8:00 PM
	WHITE	15 January 2020, 5:00 PM

1. RDRRMC CALABARZON

Police Regional Office (PRO) CALABARZON

25 January 2020

- a. Deployed Alitagtag MPS personnel to lockdown areas of Brgy. Ping-as, Alitagtag, Batangas.
- b. Deployed 50 personnel of RHQ RSSF in Cavite and 335 personnel of Batangas PPO as augmentation for the conduct of public safety/security and response operations.
- c. Cavite PPO conducted ocular inspection on lockdown roads at Brgy. Mendez Crossing East, Tagaytay City to Access Road going to Brgy. Sambong, Tagaytay City and Laurel Batangas.
- d. Visited/Inspected Police Assistant Desks at the boundary of Brgy. Luksuhin Ilaya, Alfonso, Cavite, and Brgy. Neogan, Laurel, Batangas.

DSWD CALABARZON

- a. Food and Non-Food Items amounting to **₱6,435,659.97** were made available at San Fernando Air Base, Lipa City, Batangas with breakdown as follows:

PARTICULARS	QTY	UNIT	COST	TOTAL COST
Family Food Packs	173	Box	377.14	65,245.22
Sleeping Kits	4,259	Box	757.75	3,227,257.25
Sleeping Kits	250	Box	690.00	172,500.00
Sleeping Kits	2,730	Box	757.75	2,068,657.50
Malongs	2,533	Pcs	300.00	759,900.00

Infant Dry Cereals	2,900	Pcs	49.00	142,100.00
TOTAL:				6,435,659.97

- b. A total of **3,923 Family Food Packs (FFPs)** amounting to **₱1,189,284.22** were made available at Lipa City Airbase and GMA Warehouse.
- c. Established Women and Child Friendly Spaces and conducted various activities with women and children sectors.

AFP Joint Task Group

HADR Operations deployed resources in the areas affected:

QUADRANT	MUNICIPALITIES	NO. OF TROOPS	NO. OF VEHICLES	
			LAND	FLOATING/AIR ASSETS
North	Talisay-Tanauan-Laurel	6/117	17	
South	Taal-Santa Teresita-Alitagtag-Cuenca-San Luis	11/77	8	2 rubber boats
East	Malvar-Balete-Mataas na Kahoy-Lipa city	4/77	9	
West	San Nicolas-Agoncillo-Lemery	3/47	8	
JTG TAAL TOC	FAB, Lipa City	15/45	11	
JTG "Taal" Engineering Support	Batangas	7/121	8	
AFP Reservist		44/737	9	
HDR Reserve Force	FAB, Lipa City	21/213	38	3 Super Huey
	Batangas Port			1 PB 340
TOTAL		111/1,434	108	6

IV. COST OF ASSISTANCE

A total of **₱58,057,540.85** (previous report: ₱27,056,685.01) worth of assistance was provided by DSWD, DOH, DepEd, and LGU to the affected families.

Sources: DSWD DROMIC Report No. 24 on the Taal Volcano Phreatic Eruption as of 25 January 2020, 6:00 AM, DOH HEARS Plus Report, DOH Sitrep no. 10, DepEd Sitrep no. 17, OCD CALABARZON, and OCD MIMAROPA

Note: The decrease in the cost of assistance (DSWD DROMIC) is due to the actual unit cost of the relief items distributed to affected families and individuals.

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP