



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. 12 re Taal Volcano Eruption

Releasing Officer:

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

DATE : 16 January 2020, 12 MN

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

I. SITUATION OVERVIEW

A. Volcanic Earthquake

Source: DOST-PHIVOLCS

15 January 2020

A total of **542 volcanic earthquakes** were recorded in Taal region as of **10:00 PM**. Of which, **170 were felt**, ranging from Magnitude 1.2 – 4.1 and Intensity of I – V.

B. 3-Day Wind Forecast for Taal Volcano (15 January 2020, 5:00 PM – 16 January 2020, 5:00 PM)

Source: DOST-PAGASA NCR-PRSD

Batangas and Cavite will experience cloudy skies with isolated rains. Laguna will have partly cloudy to cloudy skies with isolated light rains.

HEIGHT (Above Sea Level)	3-Day Forecast Wind Profile		
	15 January 2020	16 January 2020	17 January 2020
1.5 km	20-40 kph from the Northeast to East	15-35 kph from the Northeast to East	15-35 kph from the Northeast to East
3.0 km	5-15 kph from the Southeast to South	5-20 kph from the Northeast to East	5-15 kph from the Northwest to Northeast
5.0 km	25-35 kph from the Northeast	25-45 kph from the Northeast	20-35 kph from the Northeast
7.0 km	25-35 kph from the Northeast	25-30 kph from the Northeast	15-25 kph from the East
10.0-12.0 km	10-20 kph from the West to Southwest	5-15 kph from the Northwest to North	5-15 kph from the Northwest to West

If the eruption column remains at 7 km or below, the ash plumes will be drifted to the municipalities west and southwest of Taal Volcano. However, if a major eruption occurs within the forecast period and the column exceeds 7 km, ash plumes will also be drifted over the eastern and southeastern portions of Batangas and some municipalities of Quezon, Mindoro, and Marinduque.

II. EFFECTS

A. Affected Population (TAB A)

- A total **14,918 families / 65,184 persons** (previous report: **12,486 families / 53,019 persons**) were affected in the Batangas and Cavite. Of which, a total of **12,370 families / 53,832 persons** (previous report: 10,000 families / 43,681 persons) are taking temporary shelter in **244 evacuation centers**.
- The LGUs of Alitagtag, Balayan, Batangas City, Bauan, Calaca, Calatagan, Lian, San Pascual, Sto. Tomas, and Tuy in Batangas, and Alfonso and Tagaytay City in Cavite hosted IDPs from affected municipalities.

Source: DSWD DROMIC Report No. 06 re Taal Volcano Phreatic Eruption as of 15 January 2020, 6:00 PM and OCD CALABARZON

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

B. Status of Lifelines

Roads

A total of **5 road sections** (previous report: 3) were reported not passable/closed. As of **15 January 2020, three (3) road sections were closed due to ashfall.**

ROAD SECTION	STATUS	REMARKS
CALABARZON		
Batangas 3rd DEO		
Tanauan-Talisay-Tagaytay Road, Talisay-Tagaytay Section, Talisay, Batangas	Closed due to ashfall on 15 January 2020.	Zero visibility due to ashfall. Maintenance crew and equipment operators are deployed for clearing operation
		Passable as of 14 January 2020, 4:00 PM
Talisay Laurel-Agoncillo Road, Talisay, Batangas	Closed due to ashfall on 15 January 2020.	Zero visibility due to ashfall. Maintenance crew and equipment operators are deployed for clearing operation
Lake Taal – Tagaytay Road, Batangas	Closed due to ashfall on 15 January 2020.	Zero visibility due to ashfall. Maintenance crew and equipment operators are deployed for clearing operation
Cavite 2nd DEO		
Tagaytay – Taal Lake Road, Tagaytay, Cavite	Passable	Passable as of 14 January 2020, 4:00 PM
Tagaytay – Talisay Road, Tagaytay, Cavite	Passable	Passable as of 14 January 2020, 4:00 PM

Source: DPWH Situational Report on Major Roads and Bridges due to Taal Volcano Eruption as of 15, January 2020, 10:00 AM

Air Travel

A total of **601 flights (362 domestic and 239 international flights)** were cancelled due to the volcanic ash from Taal Volcano. Of which, **537 flights (204 international flights and 333 domestic flights)** have resumed operations.

Sources: MIAA and OCD RO NCR

Note: Change in figures is due to verification and validation.

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

Power Supply

As of **15 January 2020**, a total of **18 cities/municipalities** experienced power interruption in the Provinces of Cavite, Laguna, and Batangas (CALABARZON).

REGION/ PROVINCE/ MUNICIPALITY /CITY	DATE OF INTERRUPTION / OUTAGE	DATE RESTORED	REMARKS
CALABARZON			
Cavite			
<i>Amadeo</i>	12 January 2020	14 January 2020, 3:00 AM, (partially restored in some Barangays)	Partial power interruption
<i>Tagaytay City</i>	12 January 2020	14 January 2020, 9:00 PM, (partially restored in some Barangays)	Partial power interruption
<i>Alfonso</i>	13 January 2020		
<i>Indang</i>	13 January 2020		
<i>Mendez</i>	13 January 2020	14 January 2020, 9:00 PM, (partially restored in some Barangays)	Partial power interruption
Laguna			
<i>Calamba</i>	13 January 2020		Partial power interruption
<i>Cabuyao</i>	13 January 2020		Partial power interruption
<i>Kalayaan</i>	15 January 2020, 2:00 AM		
<i>Lumban</i>	15 January 2020, 2:00 AM	15 January 2020, 5:00 AM	
<i>Pagsanjan</i>	15 January 2020, 2:00 AM		
<i>Cavinti</i>	15 January 2020, 2:00 AM		
<i>Paete</i>	15 January 2020, 2:00 AM		
Batangas			
<i>Lipa City</i>	12 January 2020, 6:00 PM	12 January 2020, 7:30 PM	Partial power interruption
<i>Tanauan City</i>	12 January 2020, 6:00 PM	14 January 2020, 5:00 PM	Partial power interruption
<i>Laurel</i>	12 January 2020, 1:00 PM		
<i>Talisay</i>	12 January 2020, 5:45 PM	14 January 2020, 5:00 PM	
<i>Lemery</i>	12 January 2020		
<i>Malvar</i>	13 January 2020	14 January 2020, 4:00 PM	Partial power interruption

Source: OCD CALABARZON

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 **15 January 2020**, classes in **150 cities/municipalities** have resumed.

Sources: OCD ROs III, CALABARZON, and NCR

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

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) 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 **₱74,549,300.00** worth of damage to agriculture was incurred in the provinces of Batangas and Cavite (CALABARZON).

REGION/PROVINCE	CORN	HVC (Coffee)	LIVESTOCK (Chicken/Carabao)	TOTAL COST
TOTAL	₱ 528,300.00	₱ 73,956,000.00	₱ 65,000.00	₱ 74,549,300.00
CALABARZON	₱ 528,300.00	₱ 73,956,000.00	₱ 65,000.00	₱ 74,549,300.00
Batangas	₱ 175,500.00	₱ 69,105,000.00	-	₱ 69,280,500.00
Cavite	₱ 352,800.00	₱ 4,851,000.00	₱ 65,000.00	₱ 5,268,800.00

Source: Department of Agriculture Bulletin No. 02

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

E. Declaration of State of Calamity

As per Resolution Number 001, Year 2020, the Province of Batangas was declared under State of Calamity on 13 January 2020 due to the effects of Taal Volcano Eruption.

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

III. DISASTER PREPAREDNESS AND RESPONSE

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

1. Office of Civil Defense (OCD)

- a. Facilitated the conduct of Response Cluster Meeting for Worst Case Scenario and Initial Planning ICOW Taal Volcano Eruption on 15 January 2020.
- b. Provided transportation of the donated FNFI's from UP Padayon to Batangas Province.
- c. Facilitated CSC's request for 1 truck to deliver FNFI's (bottled water, biscuits, cup noodles, blankets, toiletries, towels, cooking utensils) to Batangas.
- d. Facilitated the request endorsed by DSWD to OCD for water and electricity supply for the affected residents in Balaan 2, Silang Cavite. OCD coordinated with Manila Water concerning this request.
- e. Continuous facilitation of requests from various donors (public, private, and NGOs) for the delivery of disaster relief and appropriate coordination.
- f. Facilitated the procurement of 10,000 boxes of N95 facemasks.

2. Department of Social Welfare and Development (DSWD)

Coordinated with World Food Programme (WFP) in the provision of Mobile Storage Units as part of their cooperation agreement with DSWD. DSWD-NRLMB shall provide Logistics Plan and coordination on this provision.

3. Department of Interior and Local Government (DILG)

- a. Assigned DILG Designated Duty Officer at the NDRRM Open;
- b. Attended and participated in the NDRRM Operation Center Response Cluster Meeting on 15 January 2020.
- c. CODIX continuously monitored reports from concerned DILG Regional Offices and LGUs of preparedness and response actions for Taal Volcano eruption operations.

4. Department of Education (DepEd)

Attended Response Cluster Meeting on Planning for Worst Case Scenario on 15 January 2020.

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 I

OCD I

Provided fuel to transport vehicles for hauling and delivery of FNFIs to Batangas City.

DSWD I

- a. Ensured inventory of CCCM and IDP trained personnel.
- b. On 14 January 2020, 2,000 FFPs were hauled at Regional Warehouse, Biday, San Fernando City, La Union to be delivered to the Provincial Sports Complex, Batangas City.
- c. On 15 January 2020, 1,000 FFPs were hauled at Regional Warehouse, Biday, San Fernando City, La Union and DSWD Warehouse in Sta. Barbara, Pangasinan to be delivered to the Provincial Sports Complex, Batangas City.

DOH I

Placed resources on standby and ready for augmentation.

PRO I

- a. Provided 2 mantrucks for hauling and delivery of FFPs on 14 January 2020.
- b. Deployed PNP Regional Mobile Force Battalion in Batangas City for hauling og NFIs.

DPWH I

- a. Provided 2 dumptrucks for hauling and delivery of FFPs on 15 January 2020.
- b. Deployed equipment and assets such as 1 prime mover with trailer, 1 road grader, and 1 dumptruck.

Naval Forces Northern Luzon

Provided 1 M35 for hauling and delivery of FFPs on 15 January 2020.

2. RDRRMC III

Office of Civil Defense (OCD)

- a. Coordinated with OCD Center and OCD CALABARZON re relief items and augmentation of resources provided to Batangas.
- b. Issued Notice of Meeting for the effects of Taal Volcano Eruption of Response Cluster Meeting January 2020, 9:30 AM.
- c. Participated in the NDRRMC Response Cluster Meeting on 15 January 2020, 11:00 AM.

DOH III

- a. Conducted final coordination meeting and planning with Central Luzon – Center for Health Department (CL-CHD) PEMAT at Jose B. Lingad Memorial Regional Hospital.
- b. Deployed BGHMC EMT in Batangas City to provide health assistance on 14 January 2020.
- c. Provided additional medicines to CL-CHD PEMAT.

DSWD III

- a. Deployed staff for the distribution of family food packs; 2500 FFPs for Bauan, Batangas, 900 FFPs for San Luis, Batangas, 799 FFPs for Lipa City and San Jose, Batangas and 400 FFPs for San Luis, Batangas.
- b. Conducted emergency meeting on 15 January 2020, to review the current operations of the field office and discuss the next step to be undertaken by the field office.

Marilao, Bulacan LGU

Signified their intention to provide assistance to the affected areas of the volcanic eruption.

PDRRMC Bataan

Conducted Emergency meeting on 13 January 2020 re Taal Volcanic Activity.

3. RDRRMC CALABARZON

OCD CALABARZON

- a. Requested PNP and PCG to enforce total lockdown at Talisay, Batangas and extend possible assistance if necessary.
- b. Relocated the Regional Incident Command Post and Regional EOC in Batangas Sports Complex, Batangas City.

BFP CALABARZON

15 January 2020

- a. BFP Agoncillo, Alitagtag, Balete, Ibaan, Lipa, Santa Teresita, and Taal Stations are placed on standby and are continuously monitoring the volcanic activities of Taal.
- b. BFP Cuenca and San Nicolas Stations conducted roving and monitoring within their respective AOR.
- c. BFP Tanauan Station conducted rescue operation and monitoring of evacuees.
- d. BFP Talisay Station's personnel proceeded to Tanauan City to be on standby and monitor the volcanic activities of Taal.

- e. BFP Malvar Station conducted monitoring of evacuees.
- f. BFP Lemery Station conducted evacuation, rescue, and flushing.
- g. In Quezon, BFP Dolores Station conducted flushing at Central Elementary School and Palad St. Brgy. Bagong Anyo. Likewise, BFP San Antonio Station distributed relief goods to the evacuees from Batangas province.

PNP Maritime Group

- a. Provided immediate assistance in the evacuations of different LGUs.
- b. Activated 301st Tactical OpCen.
- c. Distributed flyers re “Gabayan sa Kahandaan sa ashfall”.
- d. Conducted and assisted in the repacking and distribution of food, water, face masks, first aid kits, clothes, blankets, and sleeping mats.
- e. Assisted DPWH in road clearing and shoveling of ashes along National Highway in Lemery, Batangas.
- f. Provided assistance in the transport of relief goods.

Police Regional Office (PRO) CALABARZON

14 January 2020

At 4:20 PM, PNP-MG personnel were deployed at Dreamzone Capitol Site and distributed relief goods to the evacuees situated thereat. Likewise, on the same day, security preparation was discussed for the visit of the Philippine President and the safety and security of evacuees/victims of Taal Volcano eruption.

15 January 2020

- a. At 9:00 AM, conducted force evacuation with AFP and PCG particularly at Brgy. Niogan, Laurel, and nearby cities/municipalities mostly affected by volcanic eruption.
- b. At 11:30 AM, Rapid Emergency Telecommunications Team (RETT) was activated and ready for dispatch with standby commo equipment. CEU CALABARZON Technical Team proceeded to Lemery MPS along with 1 portable gen set and 20pcs extra battery packs for their use.
- c. NCRPO personnel arrived at Batangas PPO for augmentation
- d. Conducted inspection on Incident Command Post re Taal Volcano eruption.
- e. At 12:30 PM, conducted Relief Operation and Medical Mission at Sto. Tomas North Central led by Team NCRPO and 5 District Directors.
- f. At 12:45 PM, Bulacan PPO, PDRRMO Bulacan Rescue Team, and Bulacan Contingent arrived at People’s Mansion, Batangas City to conduct rescue, medical, and relief operations with 4 trucks of relief packs, 1 ambulance, 1 rescue truck, 7 PNP marked vehicle and Personnel Protected Equipment (PPEs).
- g. At 1:00 PM, personnel of General Trias City Police Station (GTCPS) provided security coverage during the distribution of relief goods from the City government of General Trias Cavite to the victims in Tanauan North Central Elementary School and Poblacion III, Sto. Tomas, Batangas.
- h. Composite team of Agoncillo MPS, 730th CG, PAF, 3 teams from 2nd BPMFC and local BFP blocked Brgys Sta Cruz and Pansipit, Agoncillo to prevent civilians from entering the town proper for their own safety.

IV. COST OF ASSISTANCE

A total of **₱5,551,216.60** (previous report: **₱5,475,788.60**) worth of assistance was provided by DSWD and DOH to the affected families.

REGION / PROVINCE / MUNICIPALITY	COST OF ASSISTANCE					
	DSWD	DOH	LGU	NGOs	OTHERS	GRAND TOTAL
GRAND TOTAL	3,993,359.10	1,557,857.50	-	-	-	5,551,216.60
CALABARZON	3,993,359.10	868,157.50	-	-	-	4,861,516.60
Batangas	3,811,577.62		-	-	-	3,811,577.62
<i>Balayan</i>	504,613.32					504,613.32
<i>Batangas City (capital)</i>	443,185.72		-	-	-	443,185.72
<i>Bauan</i>	341,688.84					341,688.84
<i>Cuenca</i>	150,856.00					150,856.00
<i>Laurel</i>	82,216.52		-	-	-	82,216.52
<i>Mataas Na Kahoy</i>	167,056.00		-	-	-	167,056.00
<i>San Pascual</i>	206,672.72					206,672.72
<i>Santo Tomas</i>	1,238,386.50		-	-	-	1,238,386.50
<i>City of Tanauan</i>	676,902.00		-	-	-	676,902.00
Cavite	181,781.48		-	-	-	181,781.48
<i>Alfonso</i>	181,781.48		-	-	-	181,781.48
NCR	-	689,700.00	-	-	-	689,700.00

Sources: DOH and DSWD DROMIC Report No. 06 on the Taal Volcano Phreatic Eruption as of 15 January 2020, 6:00 PM

Note: Ongoing validation and verification

TAAL VOLCANO ERUPTION AFFECTED POPULATION

As of 16 January 2019, 12:00 MN

REGION / PROVINCE / CITY / MUNICIPALITY	NO. OF AFFECTED		No. of ECs	Inside Evacuation Centers	
	Families	Persons		Families	Persons
GRAND TOTAL	14,918	65,184	244	12,370	53,832
CALABARZON	14,918	65,184	244	12,370	53,832
Batangas	12,387	55,023	194	10,328	45,517
*Agoncillo	73	387	0	0	0
**Alitagtag	27	136	0	0	0
**Balayan	1,265	5,869	25	1,265	5,869
*Balete	64	263	1	64	263
**Batangas City	1,294	5,936	16	1,286	5,930
**Bauan	3,042	13,446	28	3,042	13,446
*Calaca	510	2,210	9	510	2,210
**Calatagan	275	1,109	11	275	1,109
*City of Tanauan	500	1,226	7	500	1,226
*Cuenca	54	256	1	54	256
*Laurel	459	2,293	4	188	940
*Lemery	348	1,585	0	0	0
**Lian	97	376	5	97	376
***Lipa City	206	975	4	206	975
*Mabini	174	735	1	174	735
**Malvar	528	2,342	0	0	0
*Mataas Na Kahoy	271	1,159	17	271	1,159
**Nasugbu	40	176	0	0	0
**San Jose	252	1,185	5	252	1,185
**San Luis	811	3,830	17	811	3,830
*San Nicolas	10	95	0	0	0
**San Pascual	452	2,159	24	452	2,159
**Santa Teresita	220	970	0	0	0
**Sto. Tomas	690	3,030	8	690	3,030
*Taal	209	1,001	0	0	0
*Talisay	325	1,455	0	0	0
**Tuy	191	819	11	191	819
Cavite	2,510	10,054	49	2,021	8,208
**Alfonso	1,473	6,063	12	984	4,217
**Maragondon	8	42	1	8	42
**Mendez (MENDEZ-NUÑEZ)	16	67	1	16	67
***Tagaytay City	1,007	3,851	34	1,007	3,851
**Ternate	6	31	1	6	31
Laguna	21	107	1	21	107
**Cabuyao	21	107	1	21	107

Sources: CALABARZON, Response Cluster Sitrep No. 2 and DROMIC report # 6 as of 15 January 2020, 6:00 PM

Note: Ongoing assessment and validation are continuously being conducted. Number of affected barangays are yet to be determined.

*Affected municipalities

** Host LGUs that accommodated the displaced families or persons from the affected municipalities

***Affected LGU at the same time hosting other affected LGU(s)