



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. 52 re Taal Volcano Eruption**

**Releasing Officer:**

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

**DATE : 30 January 2020, 6:00 PM**

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

**I. SITUATION OVERVIEW**

**A. Volcanic Earthquake**

*Source: DOST-PHIVOLCS*

The Philippine Seismic Network (PSN) plotted a total of **763 volcanic earthquakes** as of **30 January 2020, 6:00 AM**. 177 of these registered at magnitudes 1.2 – 4.1 and were felt at Intensities I – V.

**B. 3-Day Wind Forecast for Taal Volcano (28 January 2020, 5:00 PM – 30 January 2020, 5:00 PM)**

*Source: DOST-PAGASA NCR-PRSD*

Batangas, Cavite, and Laguna will have partly cloudy to cloudy skies with isolated rainshowers or thunderstorms.

HEIGHT (Above Sea Level)	3-Day Forecast Wind Profile		
	28 January 2020	29 January 2020	30 January 2020
1.5 km	5-15 kph from the West to Northwest	5-20 kph from the Northwest to North	5-24 kph from the North to Northeast
3.0 km	30-40 kph from the West	20-35 kph from the West to Northwest	20-30 kph from the West
5.0 km	45-55 kph from the Southwest to West	30-45 kph from the West	30-45 kph from West
7.0 km	45-55 kph from the West to Northwest	35-55 kph from the Northwest to West	20-30 kph from the West to Southwest
10.0 – 12.0 km	25-40 kph from the West to Northwest	15-35 kph from the West to Southwest	15-40 kph from the Southwest

If the eruption column remains at 5.0 km or below, the ash plumes may be drifted to the Municipalities east and southeast 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 southern parts of Laguna, Batangas, and Quezon.

**II. EFFECTS**

**A. Affected Population**

- A total **124,764 families / 464,728 persons** were affected in the Provinces of Batangas, Quezon, Laguna, and Cavite.

- Of which, a total of **19,131 families / 66,989 persons** are taking temporary shelter in **415 evacuation centers** while **60,538 families / 225,389 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 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; Cabuyao, City of Calamba, Cavinti, Kalayaan, 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; Angono, City of Antipolo, Baras, Binangonan, Cainta, Cardona, Jala-Jala, Morong, Pililla, Rodriguez (Montalban), Taytay, and Teresa in Rizal; 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. 31 on the Taal Volcano Phreatic Eruption as of 29 January 2020, 6:00 PM 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 **9 road sections** were reported closed due to damage, conduct of debris/clearing operations, while some roads were locked-down as safety precautions for the community.
- As of **30 January 2020**, a total of **6 road sections** (previous report: 5) are open to traffic, while **3 road sections** (previous report: 4) are still on lockdown.

ROAD SECTION	REMARKS	STATUS
<b>CALABARZON</b>		
<b>Batangas 1<sup>st</sup> DEO</b>		
Palico-Balayan-Batangas Road, K0127+020 – K0132+550 (Lemery Section), Batangas	On LOCKDOWN for possible Taal Eruption as of 16 January 2020, 8:00 AM.	Passable effective 27 January 2020, 4:00 PM.
	All equipment and personnel were moved to DPWH Balayan office.	
	Reported passable on 18 January 2020, 10:00 AM	
<b>Batangas 3<sup>rd</sup> DEO</b>		
Tanauan-Talisay-Tagaytay Road, (K0064+(-398) – K0085+673) Talisay-Tagaytay Section, Talisay, Batangas,	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 <sup>rd</sup> DEO to resume rescue/clearing operations	Passable effective 27 January 2020, 4:00 PM
	On 14 January 2020, 4:00 PM, road section was reported passable but was then closed on 15 January 2020 due to ashfall.	
	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.	
Talisay Laurel-Agoncillo Road		
a. Laurel Section, K0082+000- K0102+000, Batangas	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 <sup>rd</sup> DEO to resume rescue/clearing operations	Passable effective 27 January 2020, 4:00 PM.
	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 SECTION	REMARKS	STATUS
	Road closed at K0102+026 - K0102+082 due to presence of ashfall.	
b. Agoncillo Section (unclassified road from Brgy. Banyaga Agoncillo – 12km stretch) (K0102+271 – K0114+-254)	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 <sup>rd</sup> DEO to resume rescue/clearing operations	Passable effective 29 January 2020, 6:00 PM
	Ashfall was partially cleared but currently on total lockdown as per advised of LGU as safety precautions for the community	
	Reported LOCKDOWN on 18 January 2020, but with window hours from 6:00AM to 10:00AM	
c. K0114+254-K0121+074	Ash was cleared but on total lockdown with window hours from 6:00 AM to 10:00 AM at Municipality of Talisay only	Passable effective 28 January 2020, 3:00 PM.
d. K0100+026+K102+082		Closed to traffic due to damaged pavement and lockdown at Laurel and Agoncillo.
Lake Taal – Tagaytay Road, Batangas	On LOCKDOWN as a safety precautions for the community.	Passable effective 27 January 2020, 2:57 PM.
	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 <sup>rd</sup> DEO to resume rescue/clearing operations.	
	Reported passable on 19 January 2020, 8:48 PM.	
<b>Cavite 2<sup>nd</sup> DEO</b>		
Tagaytay – Taal Lake Road, K0057 + (-1209) – K0064 + 357, Tagaytay, Cavite	Reported passable on 18 January 2020, 2:00 PM.	On LOCKDOWN as 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	
Tagaytay – Talisay Road, K0060 + (-158) – K0062 + 213, Tagaytay, Cavite	Reported passable on 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 30 January 2020, 2:00 PM

## 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 **24 cities/municipalities** (previous report: 22) experienced power interruption in the Provinces of Cavite, Laguna, and Batangas (CALABARZON). As of **30 January 2020, 21 reported areas have restored power.**

REGION/ PROVINCE/ MUNICIPALITY /CITY	DATE OF INTERRUPTION / OUTAGE	DATE RESTORED
<b>CALABARZON</b>		
<b>Cavite</b>		
<i>Amadeo</i>	12 January 2020	15 January 2020, 9:30 AM
<i>Tagaytay City</i>	12 January 2020	15 January 2020, 9:30 AM
<i>Alfonso</i>	13 January 2020	17 January 2020, 9:30 AM
<i>Indang</i>	13 January 2020	17 January 2020, 9:30 AM
<i>Mendez</i>	13 January 2020	17 January 2020, 9:30 AM
<b>Laguna</b>		
<i>Calamba</i>	13 January 2020	January 15, 2020 - 6 brgys January 18, 2020 - 2 brgys January 19, 2020 - 1 brgy
<i>Cabuyao</i>	13 January 2020	17 January 2020, 8:00 PM
<i>Kalayaan</i>	15 January 2020, 2:00 AM	15 January 2020, 8:00 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	15 January 2020, 7:30 AM
<i>Cavinti</i>	15 January 2020, 2:00 AM	15 January 2020, 6:00AM
<i>Paete</i>	15 January 2020, 2:00 AM	15 January 2020, 7:30 AM
<i>Sta. Rosa</i>	13 January 2020, 2:50 PM	13 January 2020, 3:30 PM
<i>San Pedro</i>	13 January 2020, 2:50 PM	13 January 2020, 5:00 PM
<b>Batangas</b>		
<i>Lipa City</i>	12 January 2020, 6:00 PM	6 January 2020 4:00 PM
<i>Tanauan City</i>	12 January 2020, 6:00 PM	14 January 2020, 5:00 PM
	<b>27 January 2020, 4:00 PM</b>	<b>29 January 2020, 6:00 PM</b>
<i>Laurel</i>	12 January 2020, 1:00 PM	17 January 2020, 5:00 PM
	<b>27 January 2020, 6:00 PM</b>	<b>Power restored to 86% of households as of 27 January 2020, 6:00 PM</b>
<i>Talisay</i>	12 January 2020, 5:45 PM	14 January 2020, 5:00 PM
	<b>27 January 2020, 4:00 PM</b>	<b>Power restored to 66% of households as of 27 January 2020, 6:00 PM</b>
<i>Lemery</i>	12 January 2020	17 January 2020, 5:00 PM
<i>Malvar</i>	13 January 2020	14 January 2020, 4:00 PM
<i>Balete</i>	12 January 2020	29 January 2020, 6:00 AM
<i>Sta. Teresita</i>	25 January 2020	26 January 2020
<b>Lian</b>	<b>25 January 2020</b>	

Sources: OCD CALABARZON and DILG

## Water Supply

A total of **three (3) cities/municipalities** experienced water interruption in the Province of Batangas. Of which, water supply in **two (2)** of the reported areas have been restored.

REGION/ PROVINCE/ MUNICIPALITY /CITY	DATE OF INTERRUPTION / OUTAGE	DATE RESTORED	REMARKS
<b>CALABARZON</b>			
<b>Batangas</b>			
<i>Laurel</i>	12 January 2020	28 January 2020	
<i>Taal</i>	21 January 2020	26 January 2020	
<i>Talisay</i>	12 January 2020	-	Ongoing restoration

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 **29 January 2020**, classes in **231 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 CALABARZON, 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 **₱3,352,948,882.00** worth of damage to infrastructure and agriculture was incurred in the provinces of Batangas, Laguna and Cavite (CALABARZON).

REGION/ PROVINCE	AGRICULTURE					INFRASTRUCTURE	TOTAL COST
	CORN	HVC	RICE	FISHERIES	LIVESTOCK	ROADS/ BRIDGES/ OTHER STRUCTURES	
<b>TOTAL</b>	<b>₱88,937,300.00</b>	<b>₱1,394,857,909.00</b>	<b>₱5,655,840.00</b>	<b>₱1,600,000,000.00</b>	<b>₱126,337,833.00</b>	<b>₱137,160,000.00</b>	<b>₱3,352,948,882.00</b>
<b>CALABARZON</b>	<b>₱88,937,300.00</b>	<b>₱1,394,857,909.00</b>	<b>₱5,655,840.00</b>	<b>₱1,600,000,000.00</b>	<b>₱126,337,833.00</b>	<b>₱137,160,000.00</b>	<b>₱3,352,948,882.00</b>
Batangas	₱88,584,500.00	₱341,058,927.00	₱4,600,000.00	₱1,600,000,000.00	₱126,272,833.00	₱137,160,000.00	₱2,297,676,260.00
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

Sources: DA Bulletin No. 07 as of 19 January 2020, 5:00 PM and DPWH Situational Report as of 26 January 2020, 4:00 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
<b>CALABARZON</b>		
<b>Batangas Province</b>	001, s. 2020	13 January 2020
<b>Cavite Province</b>	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

All previously reported areas under lockdown were given the option to return to their area of residence except for the following areas:

AREA	DATE	REMARKS
<b>BATANGAS</b>		
Agoncillo		
Subic Ilaya	27 January 2020, 10:00 AM	Total lockdown
Bilibinwang	27 January 2020, 10:00 AM	Total lockdown
Banyaga	27 January 2020, 10:00 AM	Total lockdown
Laurel		

AREA	DATE	REMARKS
<i>Buso-Buso</i>	27 January 2020, 10:00 AM	Total lockdown
<i>Gulod</i>	27 January 2020, 10:00 AM	Total lockdown
<i>Bugaan East</i>	27 January 2020, 10:00 AM	Total lockdown
<i>Balete</i>		
<i>Calawit</i>	27 January 2020, 10:00 AM	Permanent lockdown
<i>Talisay</i>		
<i>San Isidro</i>	27 January 2020, 10:00 AM	Permanent lockdown
<i>Sitio Tabla</i>	27 January 2020, 10:00 AM	Permanent lockdown
<i>San Nicolas</i>		
<i>Alas-as</i>	27 January 2020, 10:00 AM	Permanent lockdown
<i>Pulang-Bato</i>	27 January 2020, 10:00 AM	Permanent lockdown

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)**

- a. Activated the alert status to RED effective 12 January 2020, 9:00 PM.
- b. Continuously coordinating with OCDROs III, CALABARZON, and NCR re status of Taal Volcano.
- c. Disseminated information/notification thru Short Messaging System.
- d. Conducted Response Cluster meeting on 13 January 2020, 8:00 AM, at the 3<sup>rd</sup> Floor New NDRRMC Building, Camp General Emilio Aguinaldo, Quezon City.
- e. 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

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

**2. Department of Agriculture (DA)**

- a. DA-BAI, DA-PCC, and LGUs of Batangas rescued and transferred a total of 304 animals to temporary animal shelters in DA Taal Livestock Care Emergency Center, Tanauan City Slaughterhouse, and Don Leon Farm in San Juan, Batangas.
- b. BAI, PCC, and CAR FO donated a total of ₱353,000 worth of feeds to the region.
- c. DA-BFAR joined the validation and assessment team deployed by OCD CALABARZON.
- d. DA, thru RFO CALABARZON and BFAR, continuously monitor and validate the impact of damage caused by eruption of Taal Volcano on the agriculture, fishery, and livestock sectors in Batangas, Cavite, and adjoining provinces,

and implements needed interventions, rehabilitation, and recovery program once conditions permit.

### 3. Philippine National Police (PNP)

- a. As of 30 January 2020, 3:00 PM, the PNP
  - Deployed 779 SAR personnel and placed 10,484 SAR personnel on standby.
  - Deployed 737 personnel and 101 personnel in evacuation areas and vacated areas respectively.
  - Rescued a total of 130,976 persons.
- b. As of 29 January 2020, 9:00 PM:
  - Personnel of Batangas CPS transported 42 evacuees from Batangas South Elementary School, Batangas City to the Municipalities of Taal and Lemery, Batangas; and 33 evacuees from Banaba Elementary School, Brgy. Banaba Center Batangas City to the Municipality of Lemery, Batangas.
  - Personnel of Sta. Teresita MPS provided police assistance/visibility during the distribution of foods and relief goods from Bulacan at the Evacuation Center in Pacifico Covered Court, Brgy. Pacifico, Sta. Teresita, Batangas.
  - PNP-MG personnel deployed and conducted waterborne, clearing operations, and monitoring along Taal Lake Island for security purposes and as part of the pro-active measures to ensure that nobody will return to their houses/properties located thereat in Talisay, Batangas.
  - Personnel of Laurel MPS and RHQ Team 2 assisted in the medical mission of NPTI Health Service at Poblacion 2 Gymnasium, Laurel, Batangas.
  - A team from RSSF-RHQ TM 5 assisted the residents of San Nicholas, Batangas in cleaning thick ash fall.
  - Batangas Provincial Director visited Taal MPS and distributed relief goods to the affected area.
  - Joint personnel of Batangas PPO, Police Mobile Force Company (PMFC), and Talisay MPS were deployed to undertake clean-up operation “Oplan Linis” at Doña Maria Laurel Platon Memorial School, Talisay, Batangas.

### 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

### DOH CALABARZON

- a. Conducted Mid-Upper Arm Circumference (MUAC) screening to 1,550 children and Vitamin A supplementation to 599 children; and distributed multiple micronutrient powder to 203 children aged 0 to 59 months old.
- b. Conducted Vitamin A supplementation to 5 pregnant and lactating women.
- c. Conducted Infant and Young Child Feeding (IYCF) Counseling to 278 pregnant and lactating women.
- d. Regional Nutrition Cluster conducted the 2<sup>nd</sup> Regional Nutrition Cluster Meeting re Response to Taal Volcano Eruption victims on 27 January 2020 at NNC Regional Office, Project 4, Quezon City.

## IV. COST OF ASSISTANCE

A total of **₱84,097,646.85** worth of assistance was provided by DSWD, DA, DOH, DepEd, and LGU to the affected families.

*Sources: DSWD DROMIC Report No. 30 on the Taal Volcano Phreatic Eruption as of 28 January 2020, 6:00 PM, DOH HEARS Plus Report, DOH Sitrep no. 17, DepEd Sitrep no. 17, DA, OCD ROs CALABARZON and MIMAROPA.*

**NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP**

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