



## **NDRRMC UPDATE**

### **Situational Report No. 44 re Taal Volcano Eruption**

**Releasing Officer:**

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

**DATE : 26 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**

**26 January 2020, 8:00 AM**

**Taal Volcano's status has lowered from Alert Level 4 (hazardous eruption imminent) to Alert Level 3 (decreased tendency towards hazardous eruption).**

Taal Volcano's condition in the two weeks following the 12-13 January 2020 phreatomagmatic eruption (main eruptive phase) has generally declined into less frequent volcanic earthquake activity, decelerated ground deformation of the Taal Caldera and Taal Volcano Island (TVI) edifices and weak steam/gas emissions at the Main Crater. These observations are supported by the following monitoring parameters:

- Significant earthquakes recorded by the Philippine Seismic Network (PSN) across the Taal region declined from 959 to 27 events/day and peak magnitudes of M4.1 to M2.1 between 12 and 24 January. The Taal Volcano Network (TVN) likewise recorded a downtrend in volcanic earthquakes from 944 to 420 events/day between 17 and 24 January with a corresponding decline in the daily total seismic energy released. In particular, hybrid earthquakes that tracked post-eruptive recharge from Taal's deep magma reservoir to a shallow magma region beneath TVI ceased on 21 January, while the number and energy of low frequency events associated with activity in the shallow magma region diminished.
- Global Positioning System (GPS) data recorded ground deformation after the main eruptive phase that included sudden widening of Taal Caldera by ~1 meter, uplift of its northwestern sector by ~20 centimeters and subsidence of the southwestern part of TVI by ~1 meter. These patterns were followed at much smaller rates between 15 and 22 January 2020 and were generally supported by field observations of lakewater recession by ~30 centimeters around Taal Lake as of yesterday. Field observations also measured a ~2.5 m lakewater recession along the southwestern lakeshore denoting uplift of portions of the Pansipit River Valley where fissuring has been reported. The overall pattern of ground deformation is for most part supported by InSAR (satellite) data and

yields a net inflation of western Taal Volcano as a consequence of magma intrusion to the shallow magma region until 21 January.

- After the main eruptive phase, activity in the Taal Main Crater diminished to infrequent weak ash eruptions and longer episodes of degassing or steaming that generated steam-laden plumes <1000 meters tall. This marked decline coupled with volcanic earthquake activity suggests stalling, degassing and reduction in gas pressures of eruptible magma in the shallow magmatic region that feeds surface eruptive activity.
- Sulfur dioxide or SO<sub>2</sub> flux based on campaign Flyspec data fluctuated between a high of ~5,300 tonnes/day on 13 January to a low of ~140 tonnes/day on 22 January but has steadied at an average of 250 tonnes/day in the last five days. This low concentration average is consistent with a progressively degassed shallow magma source and diminished plume activity.

In view of the above observations, DOST-PHIVOLCS is lowering the alert status of Taal Volcano from Alert Level 4 to Alert Level 3 to reflect the overall decrease in the level of monitoring parameters. Alert Level 3 means that there is a decreased tendency towards hazardous explosive eruption but should not be interpreted that unrest has ceased or that the threat of a hazardous eruption has disappeared. Should an uptrend or pronounced change in monitored parameters forewarn a potential hazardous explosive eruption, the Alert Level may be raised back to Alert Level 4. People residing within areas at high risk to base surges who have returned after the Alert Level was stepped down must thus be prepared for a quick and organized evacuation at such time. Conversely, should there be a persistent downtrend in monitored parameters after a sufficient observation period, the Alert Level will be further lowered to Alert Level 2.

DOST-PHIVOLCS reminds the public that at Alert Level 3, sudden steam-driven and even weak phreatomagmatic explosions, volcanic earthquakes, ashfall and lethal volcanic gas expulsions can occur and threaten areas within TVI and nearby lakeshores. DOST-PHIVOLCS recommends that entry into TVI, Taal's Permanent Danger Zone, as well as into areas over Taal Lake and communities west of TVI within a seven (7) kilometer-radius from the Main Crater must be strictly prohibited. Local government units are advised to assess areas outside the seven-kilometer radius for damages and road accessibilities and to strengthen preparedness, contingency and communication measures in case of renewed unrest. People are also advised to observe precautions due to ground displacement across fissures, frequent ashfall and minor earthquakes. Communities beside active river channels particularly where ash from the main eruption phase has been thickly deposited should increase vigilance when there is heavy and prolonged rainfall since the ash can be washed away and form lahars along the channels. Civil aviation authorities must advise pilots to avoid flying close to the volcano as airborne ash and ballistic fragments from sudden explosions and wind-remobilized ash may pose hazards to aircrafts. PHIVOLCS-DOST is closely monitoring Taal Volcano's activity and any new significant development will be immediately communicated to all stakeholders.

## **A. Volcanic Earthquake**

*Source: DOST-PHIVOLCS*

The Philippine Seismic Network (PSN) plotted a total of **751 volcanic earthquakes** as of 26 January 2020, **12:00 NN** 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 (26 January 2020, 5:00 PM – 28 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		
	26 January 2020	27 January 2020	28 January 2020
1.5 km	10-30 kph from the West to Northwest	10-30 kph from the Northwest to North	10-30 kph from the North to Northeast
3.0 km	10-40 kph from the Southwest to West	10-40 kph from the Southwest to West	10-40 kph from the West
5.0 km	40-55 kph from the Southwest	40-75 kph from the Southwest to West	40-65 kph from the West
7.0 km	40-65 kph from the Southwest to Northwest	40-65 kph from the Northwest to West	40-65 kph from the West to Northwest
10.0 – 12.0 km	40-65 kph from the West to Southwest	25-55 kph from the Southwest to West	10-45 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 South** 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**.

## II. EFFECTS

### A. Affected Population (TAB A)

- A total **99,989 families / 381,934 persons** (previous report: 98,187 families / 376,327 persons) were affected in the Provinces of Batangas, Quezon, Laguna, and Cavite.
- Of which, a total of **38,148 families / 137,663 persons** (previous report: 37,203 families / 135,365 persons) are taking temporary shelter in **513 evacuation centers** (previous report: 497 ECs) while **44,694 families / 171,735 persons** (previous report: 43,824 families / 168,569 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-Núñez), 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. 27 on the Taal Volcano Phreatic Eruption as of 26 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 **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
<b>CALABARZON</b>		
<b>Batangas 1<sup>st</sup> DEO</b>		
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.
<b>Batangas 3<sup>rd</sup> DEO</b>		
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 <sup>rd</sup> 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 <sup>rd</sup> DEO to resume rescue/clearing operations
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 <sup>rd</sup> 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 <sup>rd</sup> DEO to resume rescue/clearing operations.
<b>Cavite 2<sup>nd</sup> DEO</b>		
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
<b>Cavite</b>		
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
<b>Laguna</b>		
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
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
<b>Batangas</b>		
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 **₱3,352,948,882.00** (previous report: ₱3,215,788,882.00) worth of damage to **infrastructure** and agriculture was incurred in the provinces of Batangas, Laguna and Cavite (CALABARZON).

REGION/ PROVINCE	INFRASTRUCTURE		AGRICULTURE					TOTAL COST (INFRASTRUCTURE + AGRICULTURE)
	ROADS	BRIDGES	CORN	HVC	RICE	FISHERIES	LIVESTOCK	
GRAND TOTAL	<b>₱137,160,000.00</b>		<b>₱3,215,788,882.00</b>					<b>₱3,352,948,882.00</b>
SUB-TOTAL	<b>₱135,160,000.00</b>	<b>₱2,000,000.00</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>	
CALABARZON	<b>₱135,160,000.00</b>	<b>₱2,000,000.00</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>₱3,352,948,882.00</b>
Batangas	<b>₱135,160,000.00</b>	<b>₱2,000,000.00</b>	<b>₱88,584,500.00</b>	<b>₱341,058,927.00</b>	<b>₱4,600,000.00</b>	<b>₱1,600,000,000.00</b>	<b>₱126,272,833.00</b>	<b>₱2,297,676,260.00</b>
Cavite	-	-	<b>₱352,800.00</b>	<b>₱1,023,134,150.00</b>	<b>₱1,026,200.00</b>	-	<b>₱65,000.00</b>	<b>₱1,024,578,150.00</b>
Laguna	-	-		<b>₱30,664,832.00</b>	<b>₱29,640.00</b>	-	-	<b>₱30,694,472.00</b>

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

## 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

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

AREA	DATE	REMARKS
<b>BATANGAS</b>		
<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. Office of Civil Defense (OCD)

- a. Provided 16 pieces of tarpaulin to DSWD for relief operations.

##### 2. 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.

##### 3. Bureau of Fire Protection (BFP)

As of 26 January 2020, 12:00 PM, BFP has deployed the following to the affected areas:

- 1,380 BFP personnel from Fire Suppression, Special Rescue Unit (SRU), and Emergency Medical Services (EMS) Team.
- 158 assets (135 Fire Trucks, 6 Rescue/Hazmat Trucks, and 17 Ambulances).

##### 4. Armed Forces of the Philippines (AFP)

26 January 2020

- a. Provided a military truck to pick-up the water supply and cooking paraphernalia to be used by troops deployed in the area of Brgy. Suplang, Tanauan City.
- b. Provided communication support to the personnel of PCG that conducted vehicular patrol along the coastal areas of the barangays that were locked down.
- c. Provided manpower services to Mataas ng Kahoy LGU during the loading and unloading of relief goods at the Municipal Covered Court.
- d. Provided communication support to one (1) team of 2ID for the conduct of mobility patrol in various barangays in Tanauan City, Batangas.



- e. Provided a deployable signal team at Brgy. Poblacion West, Alitagtag, Batangas.

#### **5. Department of Social Welfare and Development (DSWD)**

Turned-over ten (10) portalets to Santo Tomas Evacuation Center.

#### **6. Department of Public Works and Highways (DPWH)**

Assisted in evacuating 17,450 individuals in the provinces of Batangas, Cavite, and Laguna.

#### **7. Philippine National Police (PNP)**

As of 26 January 2020, 3:00 PM

- Deployed 2,586 SAR personnel from the National and Regional PNP headquarters.
- Placed 9,234 SAR personnel on standby.
- Deployed 1,889 PNP personnel to evacuation areas.
- Deployed 208 PNP personnel to areas vacated by affected residents.
- Rescued 132,514 civilians.

#### **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.

<b>RDRRMC</b>	<b>ALERT STATUS</b>	<b>DATE</b>
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**

##### **OCD CALABARZON**

Coordinated with concerned agencies for the transport of evacuees to their respective houses.

##### **BFP CALABARZON**

- a. BFP ORD CALABARZON augmented personnel including officers to different municipalities in Batangas, Cavite, and Laguna.
- b. Taal and Talisay Fire Station personnel assisted in the transferring of evacuees to different municipalities.

##### **Police Regional Office (PRO) CALABARZON**

26 January 2020

- a. Taal MPS conducted inspection of Security Control Point located in Brgy. Mahabang Ludlod, Taal, Batangas.
- b. Alitagtag MPS deployed personnel to lockdown areas of Brgy. Ping As, Alitagtag, Batangas.
- c. Fifty (50) personnel from RHQ RSSF and 335 personnel from Batangas PPO were deployed in Cavite as augmentation for the conduct of public safety/security and response operations.



- d. Provided security assistance during the relief operations conducted by Kusina ng Batang Maynila and Tondo High School.

## **WATER, SANITATION, AND HYGIENE (WASH) SERVICES**

### **Center for Health Development (CHD) CALABARZON**

- Hired 2,250 Human Resources for Health (HRH) on 21 January 2020.
- Installed 17 DOH LED TV with free cable signal by Galaxy Cable Corporation in cities/municipalities in Batangas:
  - Sto. Tomas (6 units)
  - Tanauan City (4 units)
  - San Jose (3 units)
  - Batangas Province (1 unit)
  - Batangas City (3 units)
- Performed disease surveillance line listing and monitoring of notifiable diseases in all evacuation centers.

### **Provincial Health Team Office (PHTO) CALABARZON**

- Deployed a total of 31 medical/public health teams to provide outpatient and public health services to the affected population.
- Sexual and Reproductive Health sub-cluster conducted a coordination meeting attended by HEMB, CHD CALABARZON and international partners.

### **Mental Health and Psychosocial Support Services (MHPSS)**

- Conducted Regional MHPSS Coordination and Planning Meeting.
- Conducted a Psychological First Aid (PFA) and Orientation for volunteers from University of Batangas.
- Mariveles Mental Hospital and CHD CALABARZON provided psychological processing to IDPs at the PUP Evacuation Center.

### **Nutrition Services**

- PHTO CALABARZON led the identification/prioritization of evacuation centers for the installation of breastfeeding/lactation sites.
- Conducted Mid-Upper Arm Circumference (MUAC) screening for children who are 0 to 59 months old in three (3) evacuation centers in Batangas.
- Conducted Vitamin A supplementation to 52 children who are 0 to 59 months old.
- Provided one (1) box of multiple micronutrient powder to Calatagan Rural Health Unit.
- Conducted Infant and Young Child Feeding (IYCF) Counseling among pregnant and lactating mothers.
- Delivered Ready-to-Use Supplementary Food (RUSF) to the following Provincial Health Offices:
  - Cavite – 150 boxes
  - Batangas – 601 boxes
  - Laguna – 50 boxes
  - Quezon – 206 boxes

### **DSWD CALABARZON**

- a. Deployed five (5) staff members in General Trias, Cavite to conduct assessment and validate the reported IDPs currently accommodated in evacuation centers as basis for provision of immediate assistance.
- b. Assigned two (2) staff members in San Pascual, Batangas and two (2) staff members in Bauan, Batangas for the distribution of family food packs.

#### IV. COST OF ASSISTANCE (TAB B)

A total of **₱58,810,633.71** (previous report: ₱58,121,654.65) worth of assistance was provided by DSWD, DOH, DepEd, and LGU to the affected families.

*Sources: DSWD DROMIC Report No. 27 on the Taal Volcano Phreatic Eruption as of 26 January 2020, 6:00 PM, 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.*

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### TAAL VOLCANO ERUPTION AFFECTED POPULATION

As of 26 January 2020, 6:00 PM

REGION / PROVINCE / CITY / MUNICIPALITY	NO. OF AFFECTED		No. of ECs	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED (Inside + Outside)	
	Families	Persons		Families	Persons	Families	Persons	Families	Persons
<b>GRAND TOTAL</b>	<b>99,989</b>	<b>381,934</b>	<b>513</b>	<b>38,148</b>	<b>137,663</b>	<b>44,694</b>	<b>171,735</b>	<b>82,842</b>	<b>309,398</b>
<b>NCR</b>	<b>1,306</b>	<b>5,050</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,306</b>	<b>5,050</b>	<b>1,306</b>	<b>5,050</b>
<i>Caloocan City**</i>	5	26	-	-	-	5	26	5	26
<i>Makati City**</i>	20	78	-	-	-	20	78	20	78
<i>Malabon City**</i>	32	141	-	-	-	32	141	32	141
<i>Manila City**</i>	74	275	-	-	-	74	275	74	275
<i>Marikina City**</i>	1	5	-	-	-	1	5	1	5
<i>Muntinlupa City**</i>	367	1,406	-	-	-	367	1,406	367	1,406
<i>Paranaque City**</i>	123	446	-	-	-	123	446	123	446
<i>Taguig City**</i>	590	2,257	-	-	-	590	2,257	590	2,257
<i>Quezon City**</i>	38	162	-	-	-	38	162	38	162
<i>San Juan City**</i>	13	42	-	-	-	13	42	13	42
<i>Valenzuela City**</i>	43	212	-	-	-	43	212	43	212
<b>CALABARZON</b>	<b>98,683</b>	<b>376,884</b>	<b>513</b>	<b>38,148</b>	<b>137,663</b>	<b>43,388</b>	<b>166,685</b>	<b>81,536</b>	<b>304,348</b>
<b>Batangas</b>	<b>75,688</b>	<b>287,585</b>	<b>433</b>	<b>34,138</b>	<b>122,639</b>	<b>27,694</b>	<b>105,763</b>	<b>61,832</b>	<b>228,402</b>
<i>*Agoncillo</i>	73	387	0	0	0	-	-	0	0
<i>**Alitagtag</i>	1,802	6,051	13	1,010	3,405	705	2,312	1,715	5,717
<i>**Balayan</i>	4,213	15,025	36	2,269	7,770	902	3,298	3,171	11,068
<i>*Balete</i>	190	263	1	190	164	-	-	190	164
<i>**Batangas City</i>	11,371	42,623	35	3,039	11,341	6,225	22,710	9,264	34,051
<i>**Bauan</i>	8,082	30,771	41	3,514	12,531	2,939	10,826	6,453	23,357
<i>*Calaca</i>	2,159	8,135	15	1,600	5,693	-	-	1,600	5,693
<i>**Calatagan</i>	2,076	7,552	21	1,002	3,586	936	3,391	1,938	6,977
<i>*City of Tanauan</i>	4,458	16,526	32	3,411	12,752	302	1,160	3,713	13,912
<i>*Cuenca</i>	629	2,104	7	361	1,298	-	-	361	1,298
<i>**Ibaan</i>	708	2,563	9	410	1,403	-	-	410	1,403
<i>*Laurel</i>	580	2,773	1	121	480	-	-	121	480
<i>*Lemery</i>	348	1,585	0	0	0	-	-	0	0
<i>**Lian</i>	663	2,548	9	342	1,405	321	1,143	663	2,548
<i>***Lipa City</i>	7,324	30,999	13	1,415	5,483	4,781	20,960	6,196	26,443
<i>**Lobo</i>	346	1,341	0	0	0	186	728	186	728
<i>*Mabini</i>	1,182	4,031	8	318	1,160	804	2,295	1,122	3,455
<i>**Malvar</i>	3,926	14,840	13	1,263	4,700	2,334	8,834	3,597	13,534
<i>*Mataas Na Kahoy</i>	1,114	3,934	8	727	2,465	305	1,126	1,032	3,591
<i>**Nasugbu</i>	2,363	8,526	17	2,035	7,321	259	881	2,294	8,202
<i>**Padre Garcia</i>	565	2,380	8	373	1,555	-	-	373	1,555
<i>**Rosario</i>	2,854	11,768	27	727	2,818	1,675	7,080	2,402	9,898
<i>**San Jose</i>	1,590	6,642	19	1,026	4,085	495	2,262	1,521	6,347
<i>**San Juan</i>	2,023	7,930	7	205	720	870	3,354	1,075	4,074
<i>**San Luis</i>	4,324	15,682	26	4,096	13,692	-	-	4,096	13,692
<i>*San Nicolas</i>	10	95	-	-	-	-	-	0	0
<i>**San Pascual</i>	5,102	17,388	27	2,060	6,151	2,310	8,009	4,370	14,160
<i>**Santa Teresita</i>	301	941	2	224	729	77	212	301	941
<i>**Sto. Tomas</i>	1,965	9,019	11	1,773	7,636	24	120	1,797	7,756
<i>*Taal</i>	209	1,001	-	-	-	-	-	0	0
<i>*Talisay</i>	325	1,455	-	-	-	-	-	0	0
<i>**Taysan</i>	797	2,950	10	207	832	558	2,035	765	2,867
<i>**Tuy</i>	2,016	7,757	17	420	1,464	686	3,027	1,106	4,491
<b>Cavite</b>	<b>12,318</b>	<b>47,039</b>	<b>64</b>	<b>3,516</b>	<b>13,191</b>	<b>6,164</b>	<b>23,139</b>	<b>9,680</b>	<b>36,330</b>
<i>**Alfonso</i>	2,791	10,978	4	590	2,284	1,063	3,922	1,653	6,206
<i>**Amadeo</i>	881	3,274	1	10	29	455	1,494	465	1,523
<i>**Bacoar</i>	432	1,542	-	-	-	432	1,542	432	1,542
<i>**Dasmariñas</i>	691	2,671	10	362	1,309	297	1,240	659	2,549
<i>**General Emilio Aguinaldo</i>	140	513	2	140	513	-	-	140	513
<i>**General Trias</i>	1,356	5,274	16	368	1,433	988	3,841	1,356	5,274
<i>**Indang</i>	364	1,353	1	14	62	333	1,201	347	1,263



REGION / PROVINCE / CITY / MUNICIPALITY	NO. OF AFFECTED		No. of ECs	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED (Inside + Outside)	
	Families	Persons		Families	Persons	Families	Persons	Families	Persons
<b>**Maragondon</b>	530	2,207	20	372	1,152	154	978	526	2,130
<b>**Mendez (MENDEZ-NUÑEZ)</b>	362	1,330	1	26	90	231	835	257	925
<b>**Naic</b>	171	606	1	33	115	138	491	171	606
<b>**Silang</b>	318	1,292	3	21	52	297	1,240	318	1,292
<b>***Tagaytay City</b>	3,642	13,670	4	1,557	6,074	1,159	4,104	2,716	10,178
<b>**Ternate</b>	23	78	1	23	78	-	-	23	78
<i>Trece Martires City (capital)</i>	617	2,251	-	-	-	617	2,251	617	2,251
<b>Laguna</b>	<b>4,886</b>	<b>19,502</b>	<b>10</b>	<b>338</b>	<b>1,427</b>	<b>4,005</b>	<b>16,119</b>	<b>4,343</b>	<b>17,546</b>
<b>**Alaminos</b>	709	2,518	1	18	63	298	1,047	316	1,110
<b>**Bay</b>	558	2,142	2	90	386	468	1,756	558	2,142
<b>**Cabuyao</b>	688	3,482	1	40	247	648	3,235	688	3,482
<b>**City of Calamba</b>	1,909	7,448	3	63	119	1,809	7,227	1,872	7,346
<b>**Cavinti</b>	51	217	-	-	-	13	48	13	48
<b>**Kalayaan</b>	24	103	-	-	-	24	103	24	103
<b>**Los Baños</b>	304	1,026	-	-	-	304	1,026	304	1,026
<b>**Magdalena</b>	46	172	-	-	-	44	165	44	165
<b>**Majayjay</b>	62	229	-	-	-	62	229	62	229
<b>**Nagcarlan</b>	84	323	-	-	-	27	107	27	107
<b>**Pakil</b>	21	84	1	3	13	18	71	21	84
<b>**Pila</b>	48	178	-	-	-	48	178	48	178
<b>**San Pablo City</b>	106	513	1	106	513	-	-	106	513
<b>**Santa Cruz (capital)</b>	140	563	1	18	86	117	462	135	548
<b>**City Of Sta. Rosa</b>	136	504	-	-	-	125	465	125	465
<b>Quezon</b>	<b>5,437</b>	<b>21,415</b>	<b>6</b>	<b>156</b>	<b>406</b>	<b>5,171</b>	<b>20,321</b>	<b>5,327</b>	<b>20,727</b>
<b>**Candelaria</b>	1,306	5,917	-	-	-	1,270	5,706	1,270	5,706
<b>**Dolores</b>	620	2,368	3	137	336	455	1,738	592	2,074
<b>**Gumaca</b>	19	67	-	-	-	19	67	19	67
<b>**Infanta</b>	12	45	-	-	-	12	45	12	45
<b>**Pagbilao</b>	36	137	-	-	-	36	137	36	137
<i>Panukulan</i>	-	7	-	-	-	-	7	0	7
<i>Perez</i>	0	0	-	-	-	-	-	0	0
<b>**Pitogo</b>	3	15	-	-	-	2	13	2	13
<i>Real</i>	8	27	-	-	-	8	27	8	27
<b>**San Antonio</b>	622	2,561	3	19	70	603	2,491	622	2,561
<b>**Sariaya</b>	1,202	4,274	-	-	-	1,202	4,274	1,202	4,274
<i>City of Tayabas</i>	58	216	-	-	-	58	216	58	216
<b>**Tiaong</b>	1,551	5,781	-	-	-	1,506	5,600	1,506	5,600
<b>Rizal</b>	<b>354</b>	<b>1,343</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>354</b>	<b>1,343</b>	<b>354</b>	<b>1,343</b>
<i>Angono**</i>	17	55	0	0	0	17	55	17	55
<i>City of Antipolo**</i>	90	353	0	0	0	90	353	90	353
<i>Baras**</i>	2	10	0	0	0	2	10	2	10
<i>Binangonan**</i>	27	114	0	0	0	27	114	27	114
<i>Cainta**</i>	82	315	0	0	0	82	315	82	315
<i>Cardona**</i>	2	10	0	0	0	2	10	2	10
<i>Jala-Jala**</i>	62	217	0	0	0	62	217	62	217
<i>Morong**</i>	12	42	0	0	0	12	42	12	42
<i>Pililla**</i>	27	93	0	0	0	27	93	27	93
<i>Rodriguez (Montalban)**</i>	19	80	0	0	0	19	80	19	80
<i>Teresa**</i>	14	54	0	0	0	14	54	14	54

Sources: CALABARZON, Response Cluster Sitrep No. 18 and DROMIC report #27 as of 26 January 2020, 6:00 PM

Note: Ongoing assessment and validation are continuously being conducted. There are no reported IDPs in Perez, Quezon as of this reporting period; instead, the previously reflected data under Perez, Quezon is the actual data in Pitogo, Quezon. Previously reported IDPs accommodated in ECs opened in the municipalities of Agoncillo, Lemery, San Nicolas, Taal, and Talisay were transferred to other ECs in nearby municipalities/cities. 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)

### TAAL VOLCANO ERUPTION COST OF ASSISTANCE

As of 26 January 2020, 6:00 PM

REGION / PROVINCE / MUNICIPALITY	COST OF ASSISTANCE					
	DSWD	DOH	DepEd	LGU	OTHERS	GRAND TOTAL
<b>GRAND TOTAL</b>	<b>9,807,725.08</b>	<b>40,191,267.63</b>	<b>8,160,000.00</b>	<b>651,641.00</b>	<b>-</b>	<b>58,810,633.71</b>
<b>without breakdown</b>		<b>335,102.18</b>	<b>8,160,000.00</b>	<b>-</b>		<b>8,495,102.18</b>
<b>CALABARZON</b>	<b>9,664,735.88</b>	<b>39,331,740.45</b>	<b>-</b>	<b>651,641.00</b>	<b>-</b>	<b>49,648,117.33</b>
<b>without breakdown</b>		<b>38,452,346.22</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>38,452,346.22</b>
<b>Batangas</b>	<b>7,968,758.50</b>	<b>802,626.87</b>	<b>-</b>	<b>651,641.00</b>	<b>-</b>	<b>9,423,026.37</b>
Agoncillo	64,113.80					64,113.80
Balayan	981,695.42	802,626.87				1,784,322.29
Balete	188,570.00					188,570.00
Batangas City (capital)	443,995.72			-	-	443,995.72
Bauan	1,048,449.20					1,048,449.20
Calaca	192,341.40					192,341.40
Calatagan	161,038.78					161,038.78
City of Tanauan	283,002.00			-	-	283,002.00
Cuenca	150,856.00					150,856.00
Laurel	82,216.52			-	-	82,216.52
Lipa City	262,489.44					262,489.44
Mabini	61,850.96					61,850.96
Mataas Na Kahoy	167,056.00			-	-	167,056.00
Nasugbu	95,416.42					95,416.42
Rosario	61,850.96					61,850.96
San Jose	130,113.30					130,113.30
San Juan	156,890.24					156,890.24
San Luis	1,510,522.48					1,510,522.48
San Pascual	521,584.62					521,584.62
Santa Teresita	94,285.00					94,285.00
Santo Tomas	1,238,386.50			-	-	1,238,386.50
Tuy	72,033.74					72,033.74
<b>Cavite</b>	<b>574,007.08</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>574,007.08</b>
Alfonso	325,848.96			-	-	325,848.96
Amadeo	98,056.40					98,056.40
General Emilio Aguinaldo	48,273.92					48,273.92
Tagaytay City	101,827.80					101,827.80
<b>Laguna</b>	<b>475,754.60</b>	<b>76,767.36</b>				<b>552,521.96</b>
Bay	274,361.84					274,361.84
Cabuyao	201,392.76					201,392.76
Nagcarlan		76,767.36				76,767.36
<b>Quezon</b>	<b>646,215.70</b>					<b>646,215.70</b>
Candelaria	378,875.00					378,875.00
San Antonio	205,489.74					205,489.74
Tiaong	61,850.96					61,850.96
<b>MIMAROPA</b>	<b>-</b>	<b>27,425.00</b>		<b>-</b>	<b>-</b>	<b>27,425.00</b>
<b>NCR</b>	<b>142,989.20</b>	<b>497,000.00</b>		<b>-</b>	<b>-</b>	<b>639,989.20</b>
Caloocan City	3,781.81					3,781.81
Malabon City	2,269.78					2,269.78
Manila City	80,954.33					80,954.33
Marikina City	1,134.89					1,134.89
Muntinlupa City	2,269.78					2,269.78
Quezon City	39,717.68					39,717.68
San Juan City	12,860.93					12,860.93

Sources: DROMIC Report No.27 as of 26 January 2020, 6:00 PM, DOH HEARS Plus Report, DOH Sitrep no. 17, 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.