



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. 76 re Taal Volcano Eruption

Releasing Officer:

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

DATE: 15 February 2020, 6:00 AM

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

I. EFFECTS

A. Taal Volcano Activity

14 February 2020, 8:00 AM

After step-down to Alert Level 3 last 26 January 2020, Taal Volcano's condition in the succeeding three weeks has been characterized by less frequent volcanic earthquake activity, stabilizing 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:

1. Since 26 January 2020, volcanic earthquakes recorded by the Taal Volcano Network (TVN) averaged 141 events/day while the number of significant events recorded by the Philippine Seismic Network across the Taal region declined to 127 events of magnitudes M1.4 to M4.3. The number and energy of tremor and low frequency events associated with activity in the shallow magma and hydrothermal region beneath the TVI edifice have also diminished. These parameters are consistent with degassing ponded magma rather than active magma transport to and from the shallow magma reservoir beneath TVI.
2. Continuous Global Positioning System (GPS) data from 13 January to 11 February recorded a net subsidence of the Taal Caldera and TVI, following uplift on the northwestern caldera and subsidence of TVI on 12-13 January. Subsidence along the Pansipit River Valley, where extensive fissuring occurred, was also recorded by campaign GPS monitoring between 24 and 27 January. The overall ground deformation behavior of Taal Volcano for the above periods indicates post-eruptive subsidence and relaxation of the edifice after the cessation of magma transport, signaled by hybrid earthquake activity on 18 January
3. Sulfur dioxide or SO₂ flux based on campaign Flyspec data averaged 62 tonnes/day since 26 January, consistent with a weakly degassing shallow magma source, diminished plume activity or absorption of volcanic gas by a recovering lake at the Main Crater and by TVI's recovering hydrothermal system.
4. Activity in the Main Crater has been characterized by the generation of weak steam-laden plumes, consistent with decreased magmatic unrest.

In view of the above observations, DOST-PHIVOLCS is lowering the alert status of Taal Volcano from Alert Level 3 to Alert Level 2 to reflect the overall decreasing trend in the level of monitoring parameters. Alert Level 2 means that there is decreased unrest but should not be interpreted that unrest has ceased or that the threat of an eruption has disappeared. Should an uptrend or pronounced change in monitored parameters forewarn a potential eruption, the Alert Level may be raised back to Alert Level 3. At such time, people residing within areas at high risk to base surges who have returned after the step-down to Alert Level 2 must therefore be prepared for a quick and organized evacuation. 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 1.

DOST-PHIVOLCS reminds the public that at Alert Level 2, sudden steam-driven or phreatic explosions, volcanic earthquakes, ashfall and lethal accumulations or expulsions of volcanic gas can occur and threaten areas within TVI and along its coast. DOST-PHIVOLCS recommends that entry into TVI, Taal's Permanent Danger Zone must be strictly prohibited. Local government units are advised to additionally assess previously evacuated areas within 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 aircraft. DOST-PHIVOLCS is closely monitoring Taal Volcano's activity and any new significant development will be immediately communicated to all stakeholders.

B. Affected Population (TAB A)

- A total **151,345 families / 566,057 persons** (previous report: 151,242 families / 565,715 persons) were affected in the Provinces of Batangas, Quezon, Laguna, and Cavite.
- Of which, a total of **2,340 families / 8,873 persons** (previous report: 3,002 families / 11,013 persons) are taking temporary shelter in **59 evacuation centers** (previous report: 76 evacuation centers) while **53,826 families / 198,574 persons** are served outside ECs.
- The IDPs are hosted in the following areas:

PROVINCE	CITIES/MUNICIPALITIES
Batangas	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
Cavite	Alfonso, Amadeo, Bacoor, Carmona, Dasmariñas, General Emilio Aguinaldo, General Trias, Indang, Maragondon, Mendez (Mendez-Núñez), Naic, Silang, Tagaytay City, Ternate, and Trece Martires City (capital)
Laguna	Alaminos, Bay, Cabuyao, City of Calamba, Cavinti, Kalayaan, Los Baños, Magdalena, Majayjay, Nagcarlan, Pakil, Pila, San Pablo City, Santa Cruz, and City of Sta. Rosa, and Siniloan
Quezon	Agdangan, Atimonan, Calauag, Candelaria, Catnauan, Dolores, Gen. Luna, Gumaca, Infanta, Lopez, Lucban, Lucena City (capital), Macalelon, Mauban, Mulanay, Padre Burgos, Pagbilao, Panukulan, Perez, Pitogo, Plaridel, Polillo, Quezon, Real, Sampaloc, San Antonio, Sariaya, Tagkawayan, City of Tayabas, and Tiaong
Rizal	Angono, City of Antipolo, Baras, Binangonan, Cainta, Cardona, Jala-Jala, Morong, Pililla, Rodriguez (Montalban), Tanay, Taytay, and Teresa
NCR	Caloocan, Makati, Malabon, Mandaluyong, Manila, Marikina, Muntinlupa, Navotas, Parañaque, Taguig, Quezon City, San Juan, and Valenzuela

Sources: DSWD DROMIC Report No. 47 on the Taal Volcano Phreatic Eruption as of 14 February 2020, 6:00 PM and OCD CALABARZON
Note: Change in figures are due to ongoing validation and verification.

C. Damage Houses

A total of **3,813 houses (799 – Totally / 3,014– Partially)** in the Province of Batangas (CALABARZON) were reported damaged due to the incident as shown below:

REGION / PROVINCE / MUNICIPALITY	NO. OF DAMAGE HOUSES		
	TOTALLY	PARTIALLY	TOTAL
GRAND TOTAL:	799	3,014	3,813
CALABARZON	799	3,014	3,813
Batangas	799	3,014	3,813
Laurel	136	401	537
Lemery	471	1,034	1,505
Talisay	14	7	21
Tanauan City	178	1,572	1,750

Sources: DSWD DROMIC Report No. **47** on the Taal Volcano Phreatic Eruption as of **14 February 2020, 6:00 PM**
 Note: Ongoing assessment and validation are being conducted.

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

D. 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** were passable, while **3 road sections** are still on lockdown.

ROAD SECTION	REMARKS	STATUS
CALABARZON		
Batangas 1 st DEO		
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	
Batangas 3 rd DEO		
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 rd 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 road going to Talisay was currently on partial lockdown as advised by the LGU and as a safety precaution 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 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.	Passable effective 27 January 2020, 4:00 PM.
	Ashfall was partially cleared. The Municipality of Talisay is currently on total lockdown with window hours from 6:00 AM to 10:00 AM as advised by the LGU and as a safety precaution for the community. Road closed at K0102+026 - K0102+082 due to presence of ashfall.	
b. Agoncillo Section (unclassified road from Brgy. Banyaga Agoncillo – 12km stretch)	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.	Passable effective 29 January 2020, 6:00 PM

ROAD SECTION	REMARKS	STATUS
(K0102+271 – K0114+-254)	Ashfall was partially cleared but currently on total lockdown as advised by the LGU and as a safety precaution for the community	
	Reported lockdown on 18 January 2020 with window hours from 6:00 AM to 10:00 AM	
c. K0114+254-K0121+074	Ash was cleared. The Municipality of Talisay is on total lockdown with window hours from 6:00 AM to 10:00 AM.	Passable effective 28 January 2020, 3:00 PM.
d. K094+230-K102+803	Previously reported as section K100+026 – K102+803. Per assessment as of 6 February 2020, 12:00 PM, the damaged pavement now extends from K094+230 to K102+803.	Still Not passable as of 6 February 2020, 12:00 PM.
e. K0100+026+K102+082	Damaged pavement and partial lockdown at Laurel and Agoncillo.	Not passable as of 4 February 2020, 1:30 PM.
Lake Taal – Tagaytay Road, Batangas	On lockdown as a safety precaution 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 rd DEO to resume rescue/clearing operations.	
	Reported passable on 19 January 2020, 8:48 PM.	
Cavite 2 nd DEO		
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 06 February 2020, 12:00 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 **24 cities/municipalities** experienced power interruption in the Provinces of Cavite, Laguna, and Batangas (CALABARZON). **As of 07 February 2020, power in all reported areas were restored.**

REGION/ PROVINCE/ MUNICIPALITY /CITY	DATE OF INTERRUPTION / OUTAGE	DATE RESTORED
CALABARZON		
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

REGION/ PROVINCE/ MUNICIPALITY /CITY	DATE OF INTERRUPTION / OUTAGE	DATE RESTORED
<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
Batangas		
<i>Lipa City</i>	12 January 2020, 6:00 PM	16 January 2020 4:00 PM All power restored as of 29 January 2020
<i>Tanauan City</i>	12 January 2020, 6:00 PM	14 January 2020, 5:00 PM 29 January 2020, 6:00 PM
	27 January 2020, 4:00 PM	Power restored to 99.91% of households as of 31 January 2020, 2:00 PM
		Power restored to 99.98% of households as of 03 February 2020, 9:00 AM
		All power restored as of reporting time.
<i>Laurel</i>	12 January 2020, 1:00 PM	17 January 2020, 5:00 PM
	27 January 2020, 6:00 PM	Power restored to 86% of households as of 27 January 2020, 6:00 PM.
		All power restored as of 29 January 2020
<i>Talisay</i>	12 January 2020, 5:45 PM	14 January 2020, 5:00 PM
	27 January 2020, 4:00 PM	Power restored to 66% of households as of 27 January 2020, 6:00 PM
		Power restored to 99.91% of households as of 30 January 2020, 2:00 PM. Temporary locked down under 7km Radius Danger Zone.
		Power restored to 99.98% of households as of 02 February 2020, 12:00 PM. Temporary locked down under 7km Radius Danger Zone.
		All power restored as of reporting time.
<i>Lemery</i>	12 January 2020	17 January 2020, 5:00 PM All power restored as of 29 January 2020
<i>Malvar</i>	13 January 2020	14 January 2020, 4:00 PM All power restored as of 29 January 2020
<i>Balete</i>	12 January 2020	29 January 2020, 6:00 AM All power restored as of 29 January 2020
<i>Sta. Teresita</i>	25 January 2020	26 January 2020 All power restored as of 29 January 2020
<i>Lian</i>	25 January 2020	All power restored as of 29 January 2020

Sources: OCD CALABARZON and DILG

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

Water Supply

A total of **three (3) cities/municipalities** experienced water interruption in the Province of Batangas. **Water supply in all reported areas were restored.**

REGION/ PROVINCE/ MUNICIPALITY /CITY	DATE OF INTERRUPTION / OUTAGE	DATE RESTORED
Batangas		
<i>Laurel</i>	12 January 2020	28 January 2020
<i>Taal</i>	21 January 2020	26 January 2020
<i>Talisay</i>	12 January 2020	29 January 2020

Source: OCD CALABARZON

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

E. 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, MIMAROPA, 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

F. Cost of Damages

A total of **₱3,408,763,882.00** worth of damages 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	₱192,975,000.00		₱3,215,788,882.00					₱3,408,763,882.00
SUB-TOTAL	₱176,435,000.00	₱16,540,000.00	₱88,937,300.00	₱1,394,857,909.00	₱5,655,840.00	₱1,600,000,000.00	126,337,833.00	
CALABARZON	₱176,435,000.00	₱16,540,000.00	₱88,937,300.00	₱1,394,857,909.00	₱5,655,840.00	₱1,600,000,000.00	126,337,833.00	₱3,408,763,882.00
Batangas	₱176,435,000.00	₱2,000,000.00	₱88,584,500.00	₱341,058,927.00	₱4,600,000.00	₱1,600,000,000.00	₱126,272,833.00	₱2,338,951,260.00
	-	₱5,000,000.00	-	-	-	-	-	₱5,000,000.00
	-	₱4,770,000.00	-	-	-	-	-	₱4,770,000.00
	-	₱4,770,000.00	-	-	-	-	-	₱4,770,000.00
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 06 February 2020, 2:00 PM

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

G. 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	001, s. 2020	13 January 2020
Cavite	1389, s. 2020	15 January 2020
Tagaytay City	2020-364	15 January 2020

Source: OCD CALABARZON

NO SIGNIFICANT CHANGES FROM PREVIOUS SITREP

H. Areas on Lockdown

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

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

II. 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.

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
MIMAROPA	BLUE	12 January 2020, 8:00 PM
NCR	BLUE	12 January 2020, 8:00 PM

RDRRMC CALABARZON

OCD CALABARZON

Deployed PDNA Teams within areas of Batangas Province affected by Taal Volcano Activity.

DSWD CALABARZON

Deployed 3 staff to San Fernando Air Base, Lipa City for the repacking of goods, continuous inventory of food and non-food items, and identification of priority goods for dispatch.

C. Disaster Response (In Cluster)

A. Food and Non-Food Items (FNFI)

DSWD CALABARZON

Distributed a total of ₱420,259.84 worth of LPG with regulator and hose to 164 families in Talaibon Resettlement Site as an outreach activity in celebration of DSWD CALABARZON's anniversary in partnership with service provider of AICS.

B. Camp Coordination and Camp Management (CCCM) and Internally Displaced Persons Protection (IDPP)

DSWD CALABARZON

- a. **Validated the number of families inside ECs with the LGUs on the request for provision of drinking water and FFPs:**
 - **Mataas na Kahoy – 40 families (water)**
 - **Talisay – 324 families (water)**
 - **Rosario – 1,634 families (water and FFPs)**
- b. **Continuous coordination with LSWDOs on the validation of the status of ECs, number of affected families, cost of assistance, and number of totally and partially damaged houses per affected LGUs.**
- c. **Continuous updating of DROMIC Report with the following sources of information:**
 - **Submitted reports of LGUs through electronic mail, phone call, and text messages.**
 - **Actual report submitted by the camp managers from DSWD-FOs I, II and III, and Central Office deployed in the ECs.**
 - **Confirmation and validation by the assigned QRT staff on duty.**
 - **Report reconciliation between FO DROMIC QRT report and CO DRMB report.**

C. HEALTH (WASH, Medical, Nutrition, and Medical Health/Psychosocial Services)

NO SIGNIFICANT UPDATES

D. Search, Rescue, and Retrieval (SRR)

NO SIGNIFICANT UPDATES

E. Logistics (LOG)

NO SIGNIFICANT UPDATES

F. Emergency Telecommunications (ET)

NO SIGNIFICANT UPDATES

G. Education (EDU)

NO SIGNIFICANT UPDATES

H. Law and Order (LAO)

NO SIGNIFICANT UPDATES

I. Philippine International Humanitarian Assistance (PIHA)

NO SIGNIFICANT UPDATES

J. Management of the Dead and Missing (MDM)

NO SIGNIFICANT UPDATES

III.COST OF ASSISTANCE (TAB B)

A total of **₱130,886,388.73** (previous report: ₱114,337,244.12) worth of assistance was provided by DSWD, DA, DOH, DepEd, and LGU to the affected families.

Sources: DSWD DROMIC Report No. 47 on the Taal Volcano Phreatic Eruption as of 14 February 2020, 6:00 PM, DOH HEARS Plus Report, DOH Sitrep no. 17, DepEd Sitrep no. 46, DA, OCD ROs CALABARZON and MIMAROPA.

TAAL VOLCANO ERUPTION AFFECTED POPULATION

As of 15 February 2020, 6:00 AM

REGION / PROVINCE / CITY / MUNICIPALITY	NO. OF AFFECTED		No. of ECs			Outside Evacuation Centers		TOTAL SERVED (CURRENT)	
	Families	Persons		Families	Persons	Families	Persons	Families	Persons
GRAND TOTAL	151,345	566,057	59	2,340	8,873	53,826	198,574	56,166	207,447
NCR	1,599	6,208	0	0	0	1,599	6,208	1,599	6,208
**Caloocan City	51	210	0	0	0	51	210	51	210
**Makati City	20	78	0	0	0	20	78	20	78
**Malabon City	32	141	0	0	0	32	141	32	141
**Mandaluyong	72	273	0	0	0	72	273	72	273
**Manila City	210	814	0	0	0	210	814	210	814
**Marikina City	1	5	0	0	0	1	5	1	5
**Muntinlupa City	367	1,406	0	0	0	367	1,406	367	1,406
**Navotas City	12	48	0	0	0	12	48	12	48
**Paranaque City	123	446	0	0	0	123	446	123	446
**Taguig City	590	2,257	0	0	0	590	2,257	590	2,257
**Quezon City	61	262	0	0	0	61	262	61	262
**San Juan City	17	56	0	0	0	17	56	17	56
**Valenzuela City	43	212	0	0	0	43	212	43	212
REGION III	99	353	0	0	0	99	353	99	353
Bataan	3	11	0	0	0	3	11	3	11
**Hermosa	3	11	0	0	0	3	11	3	11
Bulacan	14	44	0	0	0	14	44	14	44
**Baliuag	2	11	0	0	0	2	11	2	11
**Calumpit	1	7	0	0	0	1	7	1	7
**Guiguinto	2	4	0	0	0	2	4	2	4
**Hagonoy	1	4	0	0	0	1	4	1	4
**City of Malolos (capital)	7	14	0	0	0	7	14	7	14
**Plaridel	1	4	0	0	0	1	4	1	4
Nueva Ecija	10	30	0	0	0	10	30	10	30
**Cabanatuan City	3	5	0	0	0	3	5	3	5
**Cabiao	3	9	0	0	0	3	9	3	9
**Talavera	4	16	0	0	0	4	16	4	16
Pampanga	50	184	0	0	0	50	184	50	184
**Angeles City	5	18	0	0	0	5	18	5	18
**Apalit	17	71	0	0	0	17	71	17	71
**Masantol	3	9	0	0	0	3	9	3	9
**Mexico	17	57	0	0	0	17	57	17	57
**City of San Fernando (capital)	2	5	0	0	0	2	5	2	5
**Santa Ana	6	24	0	0	0	6	24	6	24
Tarlac	5	27	0	0	0	5	27	5	27
**Capas	1	6	0	0	0	1	6	1	6
**Paniqui	1	4	0	0	0	1	4	1	4
**City of Tarlac (capital)	3	17	0	0	0	3	17	3	17
Zambales	17	57	0	0	0	17	57	17	57
**Iba (capital)	3	9	0	0	0	3	9	3	9
**Olangapo City	5	17	0	0	0	5	17	5	17
**San Felipe	4	9	0	0	0	4	9	4	9
**San Narciso	5	22	0	0	0	5	22	5	22

REGION / PROVINCE / CITY / MUNICIPALITY	NO. OF AFFECTED		No. of ECs			Outside Evacuation Centers		TOTAL SERVED (CURRENT)	
	Families	Persons		Families	Persons	Families	Persons	Families	Persons
CALABARZON	149,647	559,496	59	2,340	8,873	52,128	192,013	54,468	200,886
Batangas	108,687	408,869	48	2,121	7,948	24,465	91,970	26,586	99,918
*Agoncillo	73	387	0	0	0	0	0	0	0
**Alitagtag	1,853	6,178	1	60	234	705	2,312	765	2,546
**Balayan	5,212	18,294	2	92	315	882	3,322	974	3,637
*Balete	417	1,525	0	0	0	0	0	0	0
**Batangas City	11,962	44,562	9	455	1,684	6,026	21,766	6,481	23,450
**Bauan	8,384	31,285	0	0	0	1,453	4,767	1,453	4,767
*Calaca	2,265	8,381	0	0	0	0	0	0	0
**Calatagan	2,226	8,002	3	20	71	561	1,812	581	1,883
*Cuenca	1,095	3,761	0	0	0	0	0	0	0
**Ibaan	1,863	6,640	6	336	1,286	607	2,035	943	3,321
*Laurel	1,158	4,730	4	424	1,565	0	0	424	1,565
*Lemery	20,151	93,157	0	0	0	0	0	0	0
**Lian	927	3,433	3	20	60	110	410	130	470
***Lipa City	7,476	31,471	0	0	0	4,781	20,960	4,781	20,960
**Lobo	186	728	0	0	0	129	405	129	405
*Mabini	1,182	4,031	0	0	0	182	557	182	557
**Malvar	7,061	28,799	0	0	0	1,508	6,173	1,508	6,173
*Mataas Na Kahoy	1,121	3,998	1	40	150	375	1,391	415	1,541
**Nasugbu	2,540	9,023	2	51	199	259	881	310	1,080
**Padre Garcia	708	3,031	1	35	116	0	0	35	116
**Rosario	2,895	11,920	1	31	104	1,675	7,080	1,706	7,184
**San Jose	2,123	8,386	1	5	27	498	1,982	503	2,009
San Juan	1,429	5,070	1	24	71	224	789	248	860
**San Luis	5,135	17,833	5	155	527	1,185	3,792	1,340	4,319
*San Nicolas	10	95	0	0	0	0	0	0	0
**San Pascual	5,738	2,013	3	81	275	2,432	8,552	2,513	8,827
**Santa Teresita	342	1,088	0	0	0	77	212	77	212
**Sto. Tomas City	2,793	11,935	0	0	0	0	0	0	0
*Taal	209	1,001	1	5	20	0	0	5	20
*Talisay	325	1,249	3	286	1,231	0	0	286	1,231
*City of Tanauan	6,889	25,746	0	0	0	302	1,160	302	1,160
**Taysan	822	3,039	1	1	13	147	459	148	472
**Tuy	2,117	8,078	0	0	0	347	1,153	347	1,153
Cavite	26,718	96,473	7	66	292	18,736	65,711	18,802	66,003
**Alfonso	2,856	10,979	0	0	0	430	1,510	430	1,510
**Amadeo	881	3,274	0	0	0	315	946	315	946
**Bacoor City	514	1,849	0	0	0	432	1,572	432	1,572
**Carmona	328	1,253	0	0	0	328	1,253	328	1,253
**Dasmariñas City	691	2,685	0	0	0	297	1,240	297	1,240
**General Emilio Aguinaldo	128	489	0	0	0	38	120	38	120
**General Trias City	1,478	5,777	4	30	157	502	1,801	532	1,958
**Indang	368	1,330	0	0	0	161	555	161	555
**Maragondon	376	1,347	1	15	53	64	240	79	293
**Mendez (MENDEZ NUÑEZ)	362	1,335	0	0	0	231	835	231	835
**Naic	187	668	1	17	68	138	491	155	559
Noveleta	16	56	0	0	0	0	0	0	0
**Silang	377	1,485	1	4	14	297	1,240	301	1,254
***Tagaytay City	3,421	12,707	0	0	0	947	3,404	947	3,404
Tanza	151	636	0	0	0	0	0	0	0
**Ternate	28	99	0	0	0	0	0	0	0
**Trece Martires City (capital)	14,556	50,504	0	0	0	14,556	50,504	14,556	50,504

REGION / PROVINCE / CITY / MUNICIPALITY	NO. OF AFFECTED		No. of ECs			Outside Evacuation Centers		TOTAL SERVED (CURRENT)	
	Families	Persons		Families	Persons	Families	Persons	Families	Persons
Laguna	8,694	33,143	2	29	149	4,502	17,608	4,531	17,757
**Alaminos	709	2,518	0	0	0	140	517	140	517
**Bay	558	2,142	1	18	110	117	412	135	522
**Cabuyao City	688	3,482	0	0	0	648	3,235	648	3,235
**City of Calamba	5,370	19,608	0	0	0	2,636	9,858	2,636	9,858
**Cavinti	51	217	0	0	0	8	32	8	32
**Kalayaan	24	103	0	0	0	24	103	24	103
**Los Baños	304	1,026	0	0	0	304	1,026	304	1,026
**Magdalena	46	172	0	0	0	34	127	34	127
**Majayjay	62	229	0	0	0	62	229	62	229
**Nagcarlan	116	408	0	0	0	116	408	116	408
**Pakil	25	95	0	0	0	18	75	18	75
**Pila	154	551	0	0	0	154	551	154	551
**San Pablo City	289	1,426	0	0	0	51	306	51	306
**Santa Cruz (capital)	149	607	0	0	0	52	209	52	209
**City Of Sta. Rosa	136	504	1	11	39	125	465	136	504
**Siniloan	13	55	0	0	0	13	55	13	55
Quezon	5,038	18,999	2	124	484	3,915	14,712	4,039	15,196
**Agdangan	18	70	0	0	0	18	70	18	70
**Atimonan	13	66	0	0	0	13	66	13	66
**Calauag	1	4	0	0	0	1	4	1	4
**Candelaria	878	3,102	0	0	0	842	2,929	842	2,929
**Catanauan	37	134	0	0	0	37	134	37	134
**Dolores	620	2,368	1	120	460	14	46	134	506
**Gen Luna	28	121	0	0	0	28	121	28	121
**Gumaca	19	67	0	0	0	15	63	15	63
**Infanta	12	45	0	0	0	12	45	12	45
**Lopez	9	47	0	0	0	9	47	9	47
**Lucban	29	91	0	0	0	29	91	29	91
**Lucena City (capital)	266	1,053	0	0	0	192	803	192	803
**Macalelon	4	18	0	0	0	4	18	4	18
**Mauban	44	170	0	0	0	44	170	44	170
**Mulanay	14	54	0	0	0	14	54	14	54
**Padre Burgos	28	93	0	0	0	28	93	28	93
**Pagbilao	90	355	0	0	0	42	145	42	145
**Panukulan	12	45	0	0	0	12	45	12	45
**Perez	12	31	0	0	0	12	31	12	31
**Pitogo	38	152	0	0	0	38	152	38	152
**Plaridel	2	9	0	0	0	2	9	2	9
**Polillo	5	20	0	0	0	5	20	5	20
**Quezon	10	31	0	0	0	10	31	10	31
**Real	15	51	0	0	0	11	41	11	41
**Sampaloc	9	23	0	0	0	9	23	9	23
**San Antonio	673	2,785	1	4	24	650	2,691	654	2,715
**Sariaya	465	1,670	0	0	0	465	1,670	465	1,670
**Tagkawayan	7	32	0	0	0	7	32	7	32
**City of Tayabas	123	522	0	0	0	123	522	123	522
**Tiaong	1,557	5,770	0	0	0	1,229	4,546	1,229	4,546
Rizal	510	2,012	0	0	0	510	2,012	510	2,012
Angono**	17	55	0	0	0	17	55	17	55
City of Antipolo**	156	659	0	0	0	156	659	156	659

REGION / PROVINCE / CITY / MUNICIPALITY	NO. OF AFFECTED		No. of ECs			Outside Evacuation Centers		TOTAL SERVED (CURRENT)	
	Families	Persons		Families	Persons	Families	Persons	(Inside + Outside)	
<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>	4	17	0	0	0	4	17	4	17
<i>Jala-Jala**</i>	73	282	0	0	0	73	282	73	282
<i>Morong**</i>	17	55	0	0	0	17	55	17	55
<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>**Tanay</i>	19	55	0	0	0	19	55	19	55
<i>Taytay**</i>	53	223	0	0	0	53	223	53	223
<i>Teresa**</i>	14	54	0	0	0	14	54	14	54

Sources: CALABARZON, Response Cluster Sitrep No. 18 and DROMIC Report #47 as of 14 February 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. The increase in the number of evacuation centers is due to the re-opening of other ECs. Ongoing assessment and validation are continuously being conducted in the Region. The decrease in the number of affected families and persons in some areas is due to the ongoing assessment and validation being conducted. Some of the displaced families and persons inside ECs in San Luis and Tanuan City have transferred to their relatives and/or friends. 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 15 February 2020, 6:00 AM

REGION / PROVINCE / MUNICIPALITY	COST OF ASSISTANCE					
	DSWD	DOH	DepEd	LGU	DA	GRAND TOTAL
GRAND TOTAL	14,053,800.04	40,967,993.08	36,440,000.00	17,353,585.61	22,071,010.00	130,886,388.73
without breakdown		573,135.43		-	-	573,135.43
CALABARZON	13,820,773.92	39,870,432.65	36,440,000.00	17,353,585.61	22,071,010.00	129,555,802.18
without breakdown		38,991,038.42	-		-	38,991,038.42
Batangas	10,944,163.24	802,626.87	30,880,000.00	12,303,185.61	22,071,010.00	77,000,985.72
without breakdown				804,441.00		804,441.00
Agoncillo	64,113.80				903,500.00	967,613.80
Alitagtag					418,500.00	418,500.00
Balayan	981,695.42	802,626.87				1,784,322.29
Balete	301,712.00				1,654,000.00	1,955,712.00
Batangas City (capital)	1,538,207.86			-	-	1,538,207.86
Bauan	1,048,449.20					1,048,449.20
Batangas City			280,000.00			280,000.00
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				250,000.00	400,856.00
Laurel	82,216.52			-	4,771,100.00	4,853,316.52
Lemery					5,867,000.00	5,867,000.00
Lipa City	1,306,022.14		280,000.00		2,147,830.00	3,733,852.14
Mabini	61,850.96					61,850.96
Malvar	36,428.40				245,000.00	281,428.40
Mataas Na Kahoy	167,056.00			-	545,000.00	712,056.00
Nasugbu	95,416.42				1,778,520.00	1,873,936.42
Padre Garcia					314,500.00	314,500.00
Rosario	76,550.96					76,550.96
San Jose	130,113.30				457,500.00	587,613.30
San Juan	156,890.24					156,890.24
San Luis	1,510,522.48					1,510,522.48
San Nicolas					832,000.00	832,000.00
San Pascual	521,584.62					521,584.62
Santa Teresita	94,285.00					94,285.00
Santo Tomas	1,238,386.50			-	327,000.00	1,565,386.50
Taal	673,389.50				209,000.00	882,389.50
Talisay					793,000.00	793,000.00
Tanauan City			3,800,000.00	11,498,744.61	557,560.00	15,856,304.61
Tuy	72,033.74					72,033.74
Cavite	833,157.58	-	680,000.00	5,000,000.00	-	6,513,157.58
Alfonso	325,848.96			-	-	325,848.96
Amadeo	98,056.40					98,056.40
Bacoor			20,000.00	5,000,000.00		5,020,000.00
General Emilio Aguinaldo	48,273.92					48,273.92
General Trias			240,000.00			240,000.00
Indang	16,670.50					16,670.50
Maragondon	206,108.00					206,108.00
Naic	25,005.75					25,005.75

Tagaytay City	101,827.80					101,827.80
Ternate	11,366.25					11,366.25
Laguna	728,901.90	76,767.36	140,000.00			945,669.26
Bay	274,361.84					274,361.84
Biñan			20,000.00			20,000.00
Cabuyao	201,392.76					201,392.76
Calamba			60,000.00			60,000.00
Nagcarlan		76,767.36				76,767.36
San Pablo City	253,147.30		20,000.00			273,147.30
Quezon	1,314,551.20			50,400.00		1,364,951.20
Candelaria	378,875.00					378,875.00
Pitogo				50,400.00		50,400.00
San Antonio	873,825.24					873,825.24
Tiaong	61,850.96					61,850.96
Rizal						0.00
Antipolo			20,000.00			20,000.00
MIMAROPA	-	27,425.00		-	-	27,425.00
NCR	233,026.12	497,000.00		-	-	730,026.12
Caloocan City	4,916.70					4,916.70
Makati City	22,697.80					22,697.80
Malabon City	2,269.78					2,269.78
Manila City	115,001.03					115,001.03
Marikina City	1,134.89					1,134.89
Muntinlupa City	2,269.78					2,269.78
Quezon City	67,335.65					67,335.65
San Juan City	17,400.49					17,400.49

Sources: DSWD DROMIC Report No. 47 on the Taal Volcano Phreatic Eruption as of 14 February 2020, 6:00 PM, DOH HEARS Plus Report, DOH Sitrep no. 17, DepEd Sitrep no. 46 as of 12 February 2020 6:00PM, OCD ROs CALABARZON, MIMAROPA, and DA