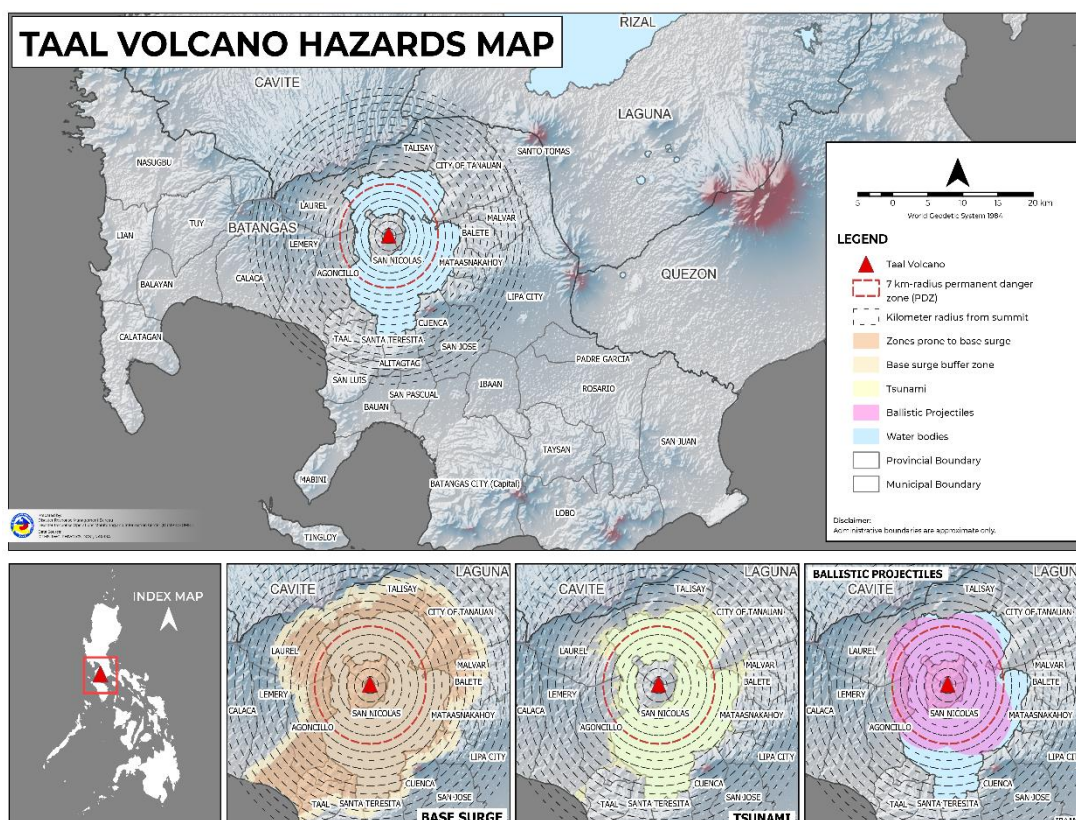


DSWD DROMIC Preparedness for Response Report #3 on the Taal Volcano Activity as of 11 August 2022, 6AM

I. Situation Overview

- Taal Volcano is at **Alert Level 1**, which means that it is at low-level unrest¹;
- Alert Level 1 indicates Abnormal parameters: moderate level of seismic activity with some felt events; main Crater Lake gas (diffuse CO₂) emission >1,000 tonnes/day, slight increases in fumarole and/or main Crater Lake temperatures and acidity; slight and/or localized inflationary ground deformation changes in Taal Volcano Island (TVI).
- Hydrothermal or tectonic activity beneath the volcano may be occurring; steam-driven, gas or hydrothermal explosions can occur without warning.
- The Local Government Units (LGUs) and the public are strongly reminded that entry into the Taal Volcano Island (Permanent Danger Zone or PDZ), especially the Main Crater and Daang Kastila fissures, as well as the occupancy and boating on Taal Lake and the flying of any aircraft close to the Taal Volcano must not be allowed.
- DOST-PHIVOLCS is closely monitoring Taal Volcano's activity and any new development will be relayed to all concerned.



¹ Based on the latest DOST-PHIVOLCS Advisory issued on 10 August 2022, 5AM

II. Predictive Analytics for Humanitarian Response (PAHR)

A total of **4,877 families** or **24,385 persons** in **13 barangays** in **Region CALABARZON** lying within the 7-kilometer (km) Permanent Danger Zone (PDZ) are at high risk on Taal Volcano's eruption. A massive eruption would directly affect **74,090 families** or **370,448 persons** spanning **six (6) municipalities in Batangas** (see Table 1).

Table 1. Projected Affected Population

Affected Areas	4-km PDZ			Total Population		
	Barangays	Families	Persons	Barangays	Families	Persons
CALABARZON	13	4,877	24,385	142	74,090	370,448
Batangas	13	4,877	24,385	142	74,090	370,448
Agoncillo	3	1,842	9,212	21	7,820	39,101
Balete	2	219	1,093	13	4,811	24,055
Laurel	4	2,136	10,678	21	8,642	43,210
San Nicolas	2	0	0	18	4,782	23,908
Talisay	1	82	409	21	9,248	46,238
City of Tanauan	1	599	2,993	48	38,787	193,936

A total of **₱2,966,288.94** worth of **family food packs (FFPs)** is projected to be provided to **4,877 families** in **Regions CALABARZON** based on the 7-km PDZ. A massive eruption would require **74,090 FFPs** for the same number of families that would be directly affected, costing **₱45,062,776.51** for a two (2)-day food requirement for a family of five (5) members (see Table 2).

Table 2. Projected FFPs Requirement

Affected Areas	4-km PDZ		PSA 2020	
	Families	FFP Cost	Families	FFP Cost
CALABARZON	4,877	2,966,288.94	74,090	45,062,776.51
Batangas	4,877	2,966,288.94	74,090	45,062,776.51
Agoncillo	1,842	1,120,584.53	7,820	4,756,402.04
Balete	219	132,956.89	4,811	2,926,146.42
Laurel	2,136	1,298,914.63	8,642	5,256,237.24
San Nicolas	0	0.00	4,782	2,908,264.75
Talisay	82	49,752.40	9,248	5,624,575.27
City of Tanauan	599	364,080.49	38,787	23,591,150.78

III. Response Actions and Interventions

a. Standby Funds and Prepositioned Relief Stockpile

OFFICE	STANDBY FUNDS	STOCKPILE			TOTAL STANDBY FUNDS & STOCKPILE
		FAMILY FOOD PACKS		OTHER FOOD AND NON-FOOD ITEMS (FNIs)	
		QUANTITY	TOTAL COST		
TOTAL	193,706,701.94	451,929	271,732,672.09	687,433,504.20	1,152,872,878.23
DSWD CO	124,381,328.12	-	-	-	124,381,328.12
NRLMB NROC	-	43,881	27,936,581.00	104,263,539.18	132,200,120.18
NRLMB VDRC	-	51,729	32,851,910.00	49,058,205.80	81,910,115.80
DSWD FO CALABARZON	5,000,000.47	14,634	8,900,653.90	34,471,585.16	48,372,239.53
Other FOs	64,325,373.35	341,685	202,043,527.19	499,640,174.06	766,009,074.60

Note: The Inventory Summary is as of 10 August 2022, 4PM.

Sources: DSWD-DRMB and DSWD-NRLMB

1. Standby Funds

- ₱124.38 million Quick Response Fund (QRF) at the DSWD Central Office.
- ₱5 million available at DSWD FO CALABARZON.
- ₱64.33 million in other DSWD FOs which may support the relief needs through inter-FO augmentation.

2. Prepositioned FFPs and Other Relief Items

- 95,610 FFPs available in Disaster Response Centers; of which, 43,881 FFPs are at the National Resource Operations Center (NROC), Pasay City and 51,729 FFPs are at the Visayas Disaster Resource Center (VDRC), Mandaue City.
- 14,634 FFPs available at DSWD FO CALABARZON.
- 341,685 FFPs in other DSWD FOs which may support the relief needs through inter-FO augmentation.
- ₱687.43 million worth of other FNIs at NROC, VDRC, and DSWD FO CALABARZON warehouses.

b. Other Activities

DSWD-DRMB

DATE	SITUATIONS / ACTIONS UNDERTAKEN
10 August 2022	<ul style="list-style-type: none"> • The Disaster Response Operations Monitoring and Information Center (DROMIC) of the DSWD-DRMB monitors and closely coordinates with DSWD FO CALABARZON for significant updates on preparedness measures and actions taken.

DSWD FO CALABARZON

DATE	SITUATIONS / ACTIONS UNDERTAKEN
10 August 2022	<ul style="list-style-type: none"> • DSWD FO CALABARZON monitored 166 individuals who experienced irritation of the eyes, nose, and throat, cough and colds, asthma and fever in Buso-Buso, Laurel due to the SO₂ gas emission from the Taal Volcano. • The Department of Agriculture (DA) IV-A have also reported damages to rice, corn, and high-value crops in the Province of Cavite and Batangas while 339 farmers in Laurel, Batangas have also been reportedly affected. • The DSWD FO CALABARZON in collaboration with the Municipal Disaster Risk Reduction and Management Council (MDRRMC) of Laurel, Batangas delivered 447 Family Food Packs (FFPs) amounting to ₱347,967.15 intended for the affected farmers. The distribution of FFPs will be facilitated and witnessed by the Municipal Action Team (MAT) of Laurel, Batangas on 11 August 2022. • DSWD FO CALABARZON Disaster Response Management Division (DRMD) is advised to activate the Emergency Operations Center (EOC) and place the Provincial QRTs of Batangas on alert status and monitor their area of responsibility for ready deployment. • DSWD FO CALABARZON coordinated with the Regional Disaster Risk Reduction and Management Council (RDRRMC) IV-A Secretariat to convene a meeting with the members of the Response Cluster and affected LGUs to identify the objectives, strategies, and tactics in managing the consequences of the ongoing incident. The meeting will be held on 11 August 2022 via virtual teleconference. • DSWD FO CALABARZON EOC notified the members of the RDRRMC IV-A Response Cluster to be on standby for any eventuality. • DSWD FO CALABARZON EOC mobilized the members of Batangas Provincial Quick Response Team (PQRT) to conduct rapid assessment in

	<p>the affected areas of Laurel, Batangas and witness the distribution of Family Food Packs on 11 August 2022.</p> <ul style="list-style-type: none"> • DSWD FO CALABARZON is continuously monitoring and coordinating with the Local Social Welfare and Development Offices (LSWDOs) in Taal Volcano high risk areas and RDRRMC IV-A member agencies regarding the situation in their respective AOR. • DSWD FO CALABARZON is ready to support and facilitate the assistance, once requested by Regional Disaster Risk Reduction and Management Council (RDRRMC) IV-A and Local Government Units (LGUs). • DSWD FO CALABARZON maintains close coordination with the affected LGUs for any requests of Technical Assistance and Resource Augmentation (TARA).
08 August 2022	<ul style="list-style-type: none"> • DSWD FO CALABARZON monitors and closely coordinates with concerned offices/agencies for significant updates. • DSWD FO CALABARZON has a total of 1,395 members of the Regional and Provincial Quick Response Teams (R/PQRTs) including the P/C/MAT. • DSWD FO CALABARZON has identified the 18 LGUs with permanent evacuation centers, GIDA areas in Quezon Province, and municipalities near ports to position the FNI in strategic areas. The Field Office will enter into agreement to the LGUs identified for the prepositioning of FNI as proactive measures in response to any related incident in the region.

IV. Photo Documentation

10 AUGUST 2022

DSWD Field Office CALABARZON, in collaboration with the MDRRMC of Laurel, Batangas, facilitates the delivery of Family Food Packs (FFPs) for onward distribution to the farmers whose crops were damaged due to the increased volcanic sulfur dioxide or SO₂ gas emission from the Taal Volcano.



The Disaster Response Operations Monitoring and Information Center (DROMIC) of DSWD-DRMB is closely coordinating with DSWD FO CALABARZON for significant preparedness for response updates and technical assistance needed.

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