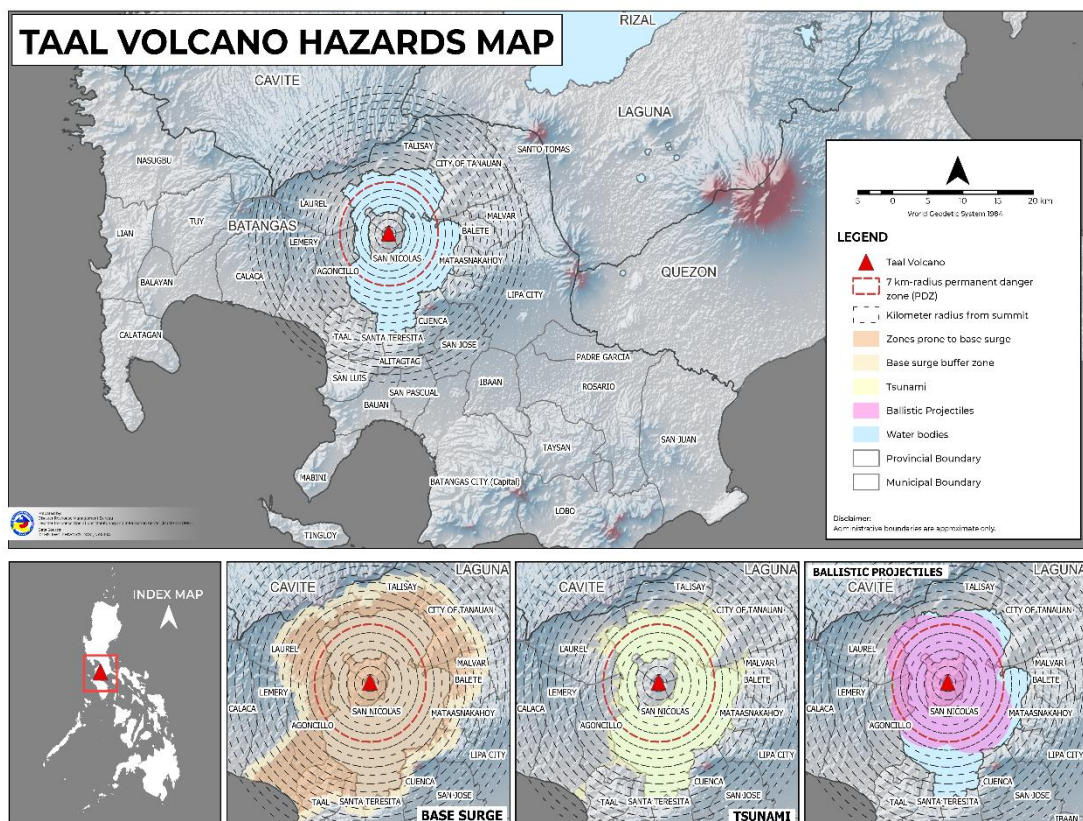


# DSWD DROMIC Preparedness for Response Report #1 on the Taal Volcano Activity as of 09 August 2022, 6AM

## I. Situation Overview

- Taal Volcano is at **Alert Level 1**, which means that it is at low-level unrest<sup>1</sup>;
- Alert Level 1 indicates Abnormal parameters: moderate level of seismic activity with some felt events; main Crater Lake gas (diffuse CO<sub>2</sub>) 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.



<sup>1</sup> Based on the latest DOST-PHIVOLCS Advisory issued on 08 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
<b>CALABARZON</b>	<b>13</b>	<b>4,877</b>	<b>24,385</b>	<b>142</b>	<b>74,090</b>	<b>370,448</b>
<b>Batangas</b>	<b>13</b>	<b>4,877</b>	<b>24,385</b>	<b>142</b>	<b>74,090</b>	<b>370,448</b>
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
<b>CALABARZON</b>	<b>4,877</b>	<b>2,966,288.94</b>	<b>74,090</b>	<b>45,062,776.51</b>
<b>Batangas</b>	<b>4,877</b>	<b>2,966,288.94</b>	<b>74,090</b>	<b>45,062,776.51</b>
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		
<b>TOTAL</b>	<b>198,664,369.43</b>	<b>453,727</b>	<b>274,573,022.55</b>	<b>696,962,411.71</b>	<b>1,170,199,803.69</b>
DSWD CO	124,381,328.12	-	-	-	124,381,328.12
NRLMB NROC	-	36,181	24,158,781.00	110,340,821.69	134,499,602.69
NRLMB VDRC	-	51,729	32,831,910.00	49,058,205.80	81,890,115.80
DSWD FO CALABARZON	5,000,000.47	14,634	8,900,653.90	34,471,585.16	48,372,239.53
Other FOs	69,283,040.84	351,183	208,681,677.65	503,091,799.06	781,056,517.55

Note: The Inventory Summary is as of 08 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.
- ₱69.28 million in other DSWD FOs which may support the relief needs through inter-FO augmentation.

**2. Prepositioned FFPs and Other Relief Items**

- 87,910 FFPs available in Disaster Response Centers; of which, 36,181 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.
- 351,183 FFPs in other DSWD FOs which may support the relief needs through inter-FO augmentation.
- ₱696.96 million worth of other FNIs at NROC, VDRC, and DSWD FO CALABARZON warehouses.

**b. Other Activities**
**DSWD-DRMB**

DATE	SITUATIONS / ACTIONS UNDERTAKEN
08 August 2022	<ul style="list-style-type: none"> <li>• 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.</li> </ul>

**DSWD FO CALABARZON**

DATE	SITUATIONS / ACTIONS UNDERTAKEN
08 August 2022	<ul style="list-style-type: none"> <li>• DSWD FO CALABARZON monitors and closely coordinates with concerned offices/agencies for significant updates.</li> <li>• 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.</li> <li>• 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.</li> </ul>

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*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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