

DSWD DROMIC Report #4 on the Bulusan Volcano Eruption as of 01 May 2025, 6PM

I. Situation Overview

- As of **01 May 2025, Alert Level 1 (Low-level Unrest)** is maintained over Bulusan Volcano, which means that there are increased chances of phreatic eruptions occurring after the episode on the night of 29 April 2025. It is recommended that entry into the **4-kilometer radius Permanent Danger Zone (PDZ) must be strictly prohibited** and that vigilance in the 2-kilometer Extended Danger Zone (EDZ) on the southeast sector must be exercised due to the possible impacts of volcanic hazards such as pyroclastic density currents or PDCs, ballistic projectiles, rockfall, avalanches, ashfall and others on these danger areas. Communities that experience ashfall must take all necessary precautions and use protective masks or wet cloth to prevent ash inhalation, with special attention given to vulnerable persons including the elderly, persons with respiratory or cardio-vascular diseases, expecting mothers and infants. Civil aviation authorities must also advise pilots to avoid flying close to the volcano's summit as ash from any sudden phreatic eruption can be hazardous to aircraft. Furthermore, people living within valleys and along river/stream channels especially on the western sectors of the edifice should be vigilant against sediment-laden stream flows and lahars in the event of heavy and prolonged rainfall should phreatic eruption occur.
- On 28 April 2025 at 4:36 AM, a phreatic eruption occurred from the summit crater of Bulusan Volcano and lasted 24 minutes based on seismic and infrasound records. The event produced a bent plume that rose 4,500 meters above the crater before drifting west to southwest. Ashfall was reported in Brgys. Cogon and Bolos, Irosin, Brgys. Puting Sapa, Guruyan, and Buraburan, Juban, and Brgy. Tulatula Sur, Magallanes, Sorsogon Province. A pyroclastic density current (PDC) or "uson" descended the southwestern slopes and travelled within three (3) kilometers from the summit vent. Prior to the eruption, a total of fifty-three (53) volcanic earthquakes were recorded over the 24-hour period yesterday. Rumbling sounds were reported by local government officials approximately 15 minutes before the eruption and were recorded by infrasound sensors.
- Local government units and the public are reminded that entry into the 4-kilometer radius Permanent Danger Zone (PDZ) must be strictly prohibited and that vigilance in the 2-kilometer Extended Danger Zone (EDZ) on the southeast sector must be exercised due to the possible impacts of volcanic hazards such as PDCs, ballistic projectiles, rockfall, avalanches and ashfall on these danger areas. Communities that experience ashfall must take all necessary precautions and use protective masks or wet cloth to prevent ash inhalation.
- Civil aviation authorities must also advise pilots to avoid flying close to the volcano's summit as ash from any sudden phreatic eruption can be hazardous to aircraft. Furthermore, people living within valleys and along river/stream channels especially on the southeast, southwest and northwest sector of the edifice should

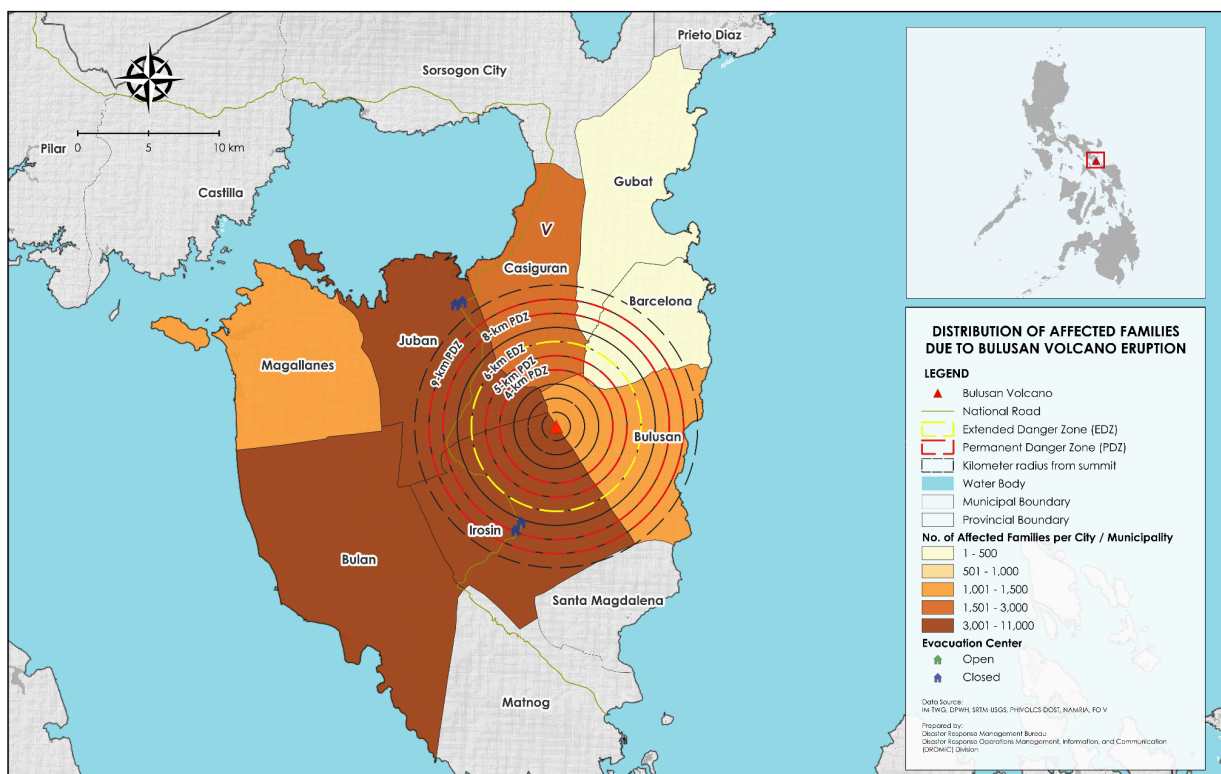
be vigilant against sediment-laden stream flows and lahars in the event of heavy and prolonged rainfall should phreatic eruption occur.

- On 21 April 2025 at 10 PM, a notice of increased seismic activity at Bulusan Volcano was released. A total of ninety-eight (98) volcanic earthquakes were recorded by the Bulusan Volcano Network (BVN) since 3 AM of 12 April 2025. Of these, ninety-four (94) were weak and shallow volcano-tectonic (VT) earthquakes produced by rock fracturing and four (4) were low frequency volcanic earthquakes (LFVQ) produced by movement of fluids. The volcanic earthquakes were generated within 20 kilometers depth beneath the Bulusan edifice with nearly half being shallow events. In contrast, degassing activity at the summit crater and active vents has been very weak to moderate for the same period. The slight increase in volcanic earthquake activity could be caused by hydrothermal activity, which could lead to short-term pressurization of the edifice.

Source: DOST-PHIVOLCS

II. Status of Affected Areas and Population

A total of **24,404 families** or **110,090 persons** are affected in **73 barangays** in **Region V** (see Annex A).



III. Status of Displaced Population

a. Inside Evacuation Center

A total of **642 families** or **2,433 persons** sought temporary shelter in **five (5) evacuation centers** in **Region V** (see Annex B).

b. Outside Evacuation Center

One (1) family or two (2) persons temporarily stayed with their relatives or friends (see Annex C).

c. Total Displaced Population

A total of **643 families** or **2,435 persons** were displaced in **Region V** (see Annex D).

IV. Cost of Humanitarian Assistance Provided

A total of **₱16,040,948.00** worth of assistance was provided by **DSWD** to the affected families (see Annex E).

V. 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 | 118,240,508.29 | 2,841,607 | 1,917,097,253.09 | 938,647,926.98 | 2,973,985,688.36 |
| DSWD CO | 70,240,508.29 | - | - | - | 70,240,508.29 |
| NRLMB NROC | - | 388,069 | 254,412,518.61 | 55,532,088.84 | 309,944,607.45 |
| NRLMB VDRC | - | 315,558 | 177,060,896.92 | 76,005,549.57 | 253,066,446.49 |
| DSWD FO V | 3,000,000.00 | 164,230 | 105,651,439.75 | 95,529,942.02 | 204,181,381.77 |
| OTHER FOs | 45,000,000.00 | 1,973,750 | 1,379,972,397.81 | 711,580,346.55 | 2,136,552,744.36 |

Note: The Inventory Summary is as of 01 May 2025, 4PM.

Source: DSWD-DRMB and DSWD-NRLMB

1. Standby Funds

- ₱70.24 million Quick Response Fund (QRF) available at the DSWD Central Office.
- ₱3 million available at DSWD FO V.
- ₱45 million available in other DSWD FOs, which may support the relief needs of the families affected by the Bulusan Volcano eruption through inter-FO augmentation.

2. Prepositioned FFPs and Other Relief Items

- 703,627 FFPs available in Disaster Response Centers; of which, 388,069 FFPs are at the National Resource Operations Center (NROC), Pasay City and 315,558 FFPs are at the Visayas Disaster Resource Center (VDRC), Mandaue City.
- 164,230 FFPs available at DSWD FO V.
- 1,973,750 FFPs available in other DSWD FOs, which may support the relief needs of the families affected by the Bulusan Volcano eruption through inter-FO augmentation.
- ₱938.65 million worth of other FNIs available at NROC, VDRC, and DSWD FO warehouses.

b. Food and Non-food Items (FNIs)

| DATE | ACTIVITIES |
|------------------|--|
| 29-30 April 2025 | <ul style="list-style-type: none"> DSWD Field Office (FO) V facilitated the distribution of drinking water and FFPs to the affected families in the Municipalities of Irosin and Juban in Sorsogon. |
| 28 April 2025 | <ul style="list-style-type: none"> DSWD FO V facilitated the delivery of FFPs intended for the affected families in the Province of Sorsogon. |

c. Camp Coordination and Camp Management (CCCM)

| DATE | ACTIVITIES |
|---------------|---|
| 28 April 2025 | <ul style="list-style-type: none"> DSWD FO V Quick Response Team (QRT) conducted visits to evacuation centers and assisted in the data gathering of displaced families in the Municipality of Irosin, Sorsogon. DSWD FO V conducted an assessment of the displaced families in the Municipality of Juban, Sorsogon. |

d. Other Activities

DSWD Disaster Response Management Group (DRMG)

| DATE | ACTIVITIES |
|---------------|---|
| 01 May 2025 | <ul style="list-style-type: none"> The Disaster Response Management Bureau (DRMB) closely coordinates and collaborates with the DSWD FOs and other concerned Offices / Bureaus / Services / Units to monitor and oversee the release of FFPs to the affected LGUs intended for distribution to the families affected by the Bulusan Volcano eruption. DRMB actively coordinates with DSWD FO V to ensure the implementation of effective disaster response activities. DRMB maintains close collaboration with the Department of Science and Technology – Philippine Institute of Volcanology and Seismology (DOST-PHIVOLCS) for significant updates on the Bulusan Volcano eruption. All members of the DRMB QRT and emergency equipment are on standby and ready for deployment. DRMB through the DSWD Disaster Response Command Center closely coordinates with the National Disaster Risk Reduction and Management Operations Center and other concerned offices for significant updates and other related information on the Bulusan Volcano eruption. The National Resource and Logistics Management Bureau ensures the replenishment and availability of FNIs for resource augmentation to DSWD FOs as needed. |
| 29 April 2025 | <ul style="list-style-type: none"> DSWD Secretary Rex Gatchalian and Undersecretary for Disaster Response Management Group (DRMG) Diana Rose S. Cajipe visited the Municipality of Juban in Sorsogon and supervised the relief operations in areas affected by the ongoing Bulusan Volcano eruption. |

DSWD FO V

| DATE | ACTIVITIES |
|---------------|---|
| 30 April 2025 | <ul style="list-style-type: none"> DSWD FO V closely coordinated with the affected LGUs and other concerned offices for significant updates and any requests for augmentation. |

| DATE | ACTIVITIES |
|---------------|--|
| | <ul style="list-style-type: none"> All DSWD FO V personnel, disaster response vehicles and equipment were on standby for possible deployment. |
| 29 April 2025 | <ul style="list-style-type: none"> DSWD FO V Regional Director Normal S. Laurio, alongside the Sorsogon Governor Jose Edwin Hamor, visited Brgy. Putting Sapa, Juban, Sorsogon to direct coordination with local officials and assess the urgent needs of the affected families. DSWD FO V Regional Director Norman Laurio issued a memorandum on the activation of the Rapid Emergency Telecommunications Team (RETT), and the QRT in Sorsogon. |
| 28 April 2025 | <ul style="list-style-type: none"> DSWD FO V, together with the Provincial Government of Sorsogon, Office of Civil Defense V, and other key agencies held a meeting in response to the phreatic eruption of the Bulusan Volcano. |

Annexes

Annex A. Number of Affected Families / Persons

| REGION / PROVINCE / MUNICIPALITY | NUMBER OF AFFECTED | | |
|----------------------------------|--------------------|---------------|----------------|
| | Barangays | Families | Persons |
| GRAND TOTAL | 73 | 24,404 | 110,090 |
| REGION V | 73 | 24,404 | 110,090 |
| Sorsogon | 73 | 24,404 | 110,090 |
| Barcelona | 2 | 358 | 1,850 |
| Bulan | 12 | 4,488 | 17,251 |
| Bulusan | 6 | 1,300 | 6,500 |
| Casiguran | 10 | 1,925 | 9,625 |
| Gubat | 2 | 155 | 787 |
| Irosin | 24 | 10,896 | 52,168 |
| Juban | 12 | 4,236 | 17,677 |
| Magallanes | 5 | 1,046 | 4,232 |

Note: Ongoing assessment and validation.

Source: DSWD FO V

Annex B. Number of Displaced Families / Persons Inside Evacuation Center

| REGION / PROVINCE / MUNICIPALITY | NUMBER OF EVACUATION CENTERS (ECs) | | NUMBER OF DISPLACED | | | |
|----------------------------------|------------------------------------|----------|---------------------|----------|--------------|----------|
| | | | INSIDE ECs | | | |
| | | | Families | | Persons | |
| | CUM | NOW | CUM | NOW | CUM | NOW |
| GRAND TOTAL | 5 | - | 642 | - | 2,433 | - |
| REGION V | 5 | - | 642 | - | 2,433 | - |
| Sorsogon | 5 | - | 642 | - | 2,433 | - |
| Irosin | 3 | - | 562 | - | 2,157 | - |
| Juban | 2 | - | 80 | - | 276 | - |

Note: Ongoing assessment and validation.

Source: DSWD FO V

Annex C. Number of Displaced Families / Persons Outside Evacuation Center

| REGION / PROVINCE / MUNICIPALITY | NUMBER OF DISPLACED | | | |
|----------------------------------|---------------------|----------|----------|----------|
| | OUTSIDE ECs | | | |
| | Families | | Persons | |
| | CUM | NOW | CUM | NOW |
| GRAND TOTAL | 1 | - | 2 | - |
| REGION V | 1 | - | 2 | - |
| Sorsogon | 1 | - | 2 | - |
| Juban | 1 | - | 2 | - |

Note: Ongoing assessment and validation.

Source: DSWD FO V

Annex D. Total Number of Displaced Families / Persons

| REGION / PROVINCE / MUNICIPALITY | NUMBER OF DISPLACED | | | |
|----------------------------------|---------------------|----------|--------------|----------|
| | TOTAL | | | |
| | Families | | Persons | |
| | CUM | NOW | CUM | NOW |
| GRAND TOTAL | 643 | - | 2,435 | - |
| REGION V | 643 | - | 2,435 | - |
| Sorsogon | 643 | - | 2,435 | - |
| <i>Irosin</i> | <i>562</i> | <i>-</i> | <i>2,157</i> | <i>-</i> |
| <i>Juban</i> | <i>81</i> | <i>-</i> | <i>278</i> | <i>-</i> |

Note: Ongoing assessment and validation.

Source: DSWD FO V

Annex E. Cost of Assistance Provided to Affected Families / Persons

| REGION / PROVINCE / MUNICIPALITY | COST OF ASSISTANCE | | | | |
|----------------------------------|----------------------|----------|----------|----------|----------------------|
| | DSWD | LGU | NGOs | OTHERS | GRAND TOTAL |
| GRAND TOTAL | 16,040,948.00 | - | - | - | 16,040,948.00 |
| REGION V | 16,040,948.00 | - | - | - | 16,040,948.00 |
| Sorsogon | 16,040,948.00 | - | - | - | 16,040,948.00 |
| <i>PLGU</i> | <i>15,692,296.00</i> | | | | <i>15,692,296.00</i> |
| <i>Irosin</i> | <i>114,464.00</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>114,464.00</i> |
| <i>Juban</i> | <i>234,188.00</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>234,188.00</i> |

Note: The reflected DSWD assistance covers the cost of food and non-food items (FNIs) provided to the affected families / persons.

Source: DSWD FO V

Annex F. Photo Documentation



**01
MAY
2025**

DSWD Field Office V distributes distilled water to families and persons affected by the Bulusan Volcano eruption in Brgys. Cogon and Bulawan in Irosin, and Brgys. Goruyan and Buraburan in Juban, Sorsogon.



**30
APR
2025**

DSWD Field Office V monitors the situation and provides psychological first aid to displaced children at Gallanosa National High School in Irosin, Sorsogon.



The Disaster Response Operations Management, Information, and Communication (DROMIC) Division of DSWD-DRMB is closely coordinating with DSWD FO V for significant disaster response updates and assistance provided.

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