



NDRRMC UPDATE

Situational Report No. 01 re Taal Volcano Phreatic Eruption

Releasing Officer:


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

DATE : 13 January 2020, 6:00 AM

Sources: DOST-PHIVOLCS, MIAA, BFP, AFP, PCG, and OCD ROs CALABARZON and NCR

I. SITUATION OVERVIEW

On 12 January 2020, 2:30 PM, DOST-PHIVOLCS raised the alert status of Taal Volcano from **Alert Level 1 (abnormal)** to **Alert Level 2 (increasing unrest)**. This means that there is probable magmatic intrusion that may or may not lead to an eruption. The public was reminded that the Main Crater should be strictly off-limits because sudden steam explosions can occur and high concentrations of lethal volcanic gases can be released.

At 4:00 PM, the alert status of Taal was raised from **Alert Level 2 (increasing unrest)** to **Alert Level 3 (magmatic unrest)**. This means that there is magmatic intrusion that is likely driving the current activity. The public was reminded that the entire Volcano Island is a Permanent Danger Zone (PDZ), and entry into the island as well as high-risk barangays of Agoncillo and Laurel is prohibited.

At 5:30 PM, eruptive activity at Taal Volcano Main Crater intensified as continuous eruption generated a tall 10-15 kilometer steam-laden tephra column with frequent volcanic lightning that rained wet ashfall on the general north as far as Quezon City. Volcanic tremor was recorded continuously since 11:00 AM and two volcanic earthquakes of magnitudes M2.5 and M3.9 were felt at Intensity III in Tagaytay City and Alitagtag, Batangas were recorded at 6:15 and 6:22 PM, respectively.

As of 12 January 2020, 7:30 PM, the alert level of Taal Volcano was raised from **Alert Level 3 (magmatic unrest)** to **Alert Level 4 (hazardous eruption imminent)**. This means that hazardous explosive eruption is possible within hours to days. DOST-PHIVOLCS strongly reiterates total evacuation of Taal Volcano Island and additional evacuation of areas at high risk to pyroclastic density currents and volcanic tsunami within a 14-kilometer radius from Taal Main Crater. Areas in the general north of Taal Volcano were advised to guard against the effects of heavy and prolonged ashfall. Civil aviation authorities must advise aircraft to avoid the airspace around Taal Volcano as airborne ash and ballistic fragments from the eruption column pose hazards to aircraft. DOST-PHIVOLCS is continually monitoring the eruption and will update all stakeholders of further developments.

II. EFFECTS

A. Affected Population

A total **966 families/7,742 persons** are taking temporary shelter in 38 evacuation centers.

REGION/PROVINCE/ MUNICIPALITY/ BARANGAY	NO. OF FAMILIES	NO. OF PERSONS	NO. OF EVACUATION CENTERS
GRAND TOTAL	966	7,742	38
CALABARZON	966	7,742	18
Batangas	844	6,346	20
<i>San Nicolas</i>	161	2,218	4
<i>Talisay</i>	528	2,315	7
<i>Tanauan City</i>	11	50	2
<i>Mataas na Kahoy</i>	58	215	3
<i>Balete</i>	-	573	1
<i>Lipa City</i>	86	905	2
<i>Laurel</i>	-	70	1
Cavite	122	1,396	18
<i>Tagaytay City</i>	122	1,396	18

Source: OCD CALABARZON

B. Status of Lifelines

Road

On 12 January 2020, 10:00 PM, Talisay-Tagaytay Road (CALABARZON) was reported temporary closed due to residents being evacuated.

Source: OCD CALABARZON

Air Travel (TAB A)

A total of **87 domestic and 109 international flights** were cancelled due to the volcanic ash from Taal Volcano.

Sources: MIAA and OCD RO NCR

C. Suspension of Classes and Work

Suspension of Classes (TAB B)

A total of **118 cities/municipalities** in NCR and CALABARZON declared suspension of classes.

Sources: OCD ROs CALABARZON and NCR

Suspension of Work

On 13 January 2020, work in all government offices in Regions III, CALABARZON, and NCR were declared suspended.

Source: Office of the Executive Secretary/PIA

III. DISASTER PREPAREDNESS AND RESPONSE

A. National Disaster Risk Reduction and Management Council (NDRRMC)

1. 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. 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

2. Philippine Institute of Volcanology and Seismology (PHIVOLCS)

- a. Issued Taal Volcano Bulletin and Eruption Notification.
- b. Continuous monitoring of the situation.

3. Bureau of Fire Protection (BFP)

- a. Duty personnel of the Directorate for Operations is continuously monitoring the incident status in the affected areas.
- b. Coordinated with concerned/affected Regional Offices.
- c. Directed all operating units of affected regions to monitor all port facilities.

4. Armed Forces of the Philippines (AFP)

OJ3

- a. Directed Philippine Air Force (PAF) to provide appropriate aircraft for areal inspection.
- b. Placed respective DRTGs/ DRTUs on alert status effective 12 January 2020 ready to be deployed through the issuance of an order.
- c. Coordinated with the Regional and Local DRRMCs for Disaster Response Readiness and with the LGUs for assistance in the evacuation of residents.

SOLCOM

- a. Deployed SRR Teams for HADR operations.
- b. Coordinated with Regional and Local DRRMCs for Disaster Response.
- c. Prepositioned 5 trucks from 4FSSU, and deployed 5 Tonner Trucks and 1 KM450 truck with 28 enlisted personnel from H4FSSU, Lucena City to Talisay, Batangas to provide manpower and transport assistance thereat.

Philippine Army (PA)

- a. Directed 525th ECBn, 51st EBDe for HADR operations.
- b. Placed five (5) military trucks from ASCOM on standby.
- c. Advised DRTUs/ DRTGs of 2ID for possible HADR operation.

Philippine Air Force (PAF)

- a. Directed 505th SRG on standby alert.
- b. Prepositioned two (2) helicopters from CJVAB for the conduct of aerial survey and inspection at Taal Volcano.

Philippine Navy (PN)

- a. Directed PMC and NIC to alert its DRRT for possible deployment.
- b. Alerted PN DRRT within Manila / Cavite areas.
- c. Conducted initial assessment and gathered information necessary for planning.

5. Philippine Coast Guard (PCG)

- a. CGSS Talisay together with MDRRMO, PNP, and BFP proceeded to the affected area to render assistance to the evacuees and conducted massive evacuation at Brgy. Tabla and Brgy. San Isidro Sitio Pulo, Talisay, Batangas.
- b. CGSS San Nicolas together with CGS Batangas onboard one (1) PCG truck assisted in transporting evacuees of Brgy. Pulang Bato and Brgy. Alas-as, San Nicolas, Batangas.
- c. On 12 January 2020, 4:45 PM, CGS Batangas dispatched additional eight (8) personnel at CGSS Talisay and CGSS San Nicolas to render necessary assistance for the evacuees.
- d. On 12 January 2020, 4:50 PM, Headquarters, Coast Guard District Southern Tagalog (HCGDSTL) deployed a total of 27 personnel and 4 assets to Talisay and 20 personnel and 2 assets in San Nicholas.
- e. On 12 January 2020, 6:30 PM, HCGDSTL deployed 1 team (10 personnel) to augment in San Nicholas, Batangas.

B. Regional/Local Disaster Risk Reduction and Management Councils (R/LDRRMCs)

RDRRMCs III, CALABARZON, and NCR 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
NCR	BLUE	12 January 2020, 8:00 PM

1. RDRRMC CALABARZON

Office of Civil Defense (OCD) CALABARZON

- a. Raised its alert status from White to RED effective 12 January 2020, 4:00 PM to closely monitor Taal Volcano activity.
- b. Disseminated advisories and announcements via email, telephone, and fax.

- c. Continuous monitoring and coordination with RDRRMC Member Agencies and CALABARZON PDRRMOs re situation updates.
- d. Conducted emergency meeting on 12 January 2020, 5:30 PM.
- e. Activated the Emergency Operation Center (EOC) and the Response Cluster.

Department Interior and Local Government (DILG)

- a. Immediate coordination with DILG Provincial Offices and DILG Central Office Disaster Information Coordinating Center (CODIX).
- b. Disseminated advisories from PHIVOLCS and RDRRMC to DILG Provincial Offices and LGUs.
- c. Activated the Disaster Monitoring and Reporting Systems and OpGen.
- d. Monitored LCE presence during disaster.
- e. Attended RDRRMC Emergency Meeting.

BFP CALABARZON

- a. Alerted all BFP stations for any possible rescue and response activities.
- b. BFP stations are continuously monitoring its AOR.
- c. Coordinated with other government agencies such as RDRRMC, PDRRMO, MDRRMO, PNP, and LGU within respective AOR regarding the incident.
- d. Assist on the massive evacuation of affected families.
- e. Utilized firetrucks in Tagaytay-Nasugbu road to assist motorist by illumination and road flushing.

Police Regional Office (PRO) CALABARZON

- a. Placed on full alert status.
- b. Activated Rectimary Standby Support Force (RSSF).
- c. Attended RDRRMC Emergency meeting.
- d. 402nd Regional Mobile Force Battalion (RMFB) deployed 9 personnel at Talisay MPS and likewise, 9 personnel at Tanauan CPS.

Department of Health (DOH) CALABARZON

- a. Raised its alert status to Code Blue.
- b. Disseminated health advisories.

Department of Public Works and Highway

Deployed maintenance crew and equipment in PDRRMO Batangas, Balete, and Lipa.

PDRRMC Batangas

- a. Conducted emergency meeting at PDRRMO Batangas and Balete.
- b. Continuous monitoring of Taal Volcano updates.
- c. Conducted evacuation of affected families.
- d. Coordinated with municipalities within the area of Taal Volcano.

Philippine Red Cross (PRC) – Batangas Chapter

- a. Deployed 4 Red Cross Ambulances in Batangas City, Tanauan City, Lipa City and Nasugbu, Batangas.
- b. Deployed one (1) Team for RDANA.
- c. Setup Welfare Desk in Batangas Chapter with 5 cases/referral.
- d. Prepositioned 400 pieces response kit.
- e. Mobilized 28 staff and volunteers.
- f. In close coordination with 14 concerned LGUs and respective LDRRMOs.

PDRRMC Cavite

Conducted emergency meeting.

PRC – Laguna Chapter

- a. Alerted and informed all staff and volunteers for possible response through text blast.
 - b. Coordinated with LGUs affected by ashfall.
 - c. Attended emergency meeting with RDRRMC Members.
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Taal Volcano Phreatic Eruption
AIR TRAVEL
As of 13 January 2020, 6:00 AM

FLIGHT NO.	ROUTE	DATE OF CANCELLATION
GRAND TOTAL	196	
INTERNATIONAL FLIGHTS	109	
BR 277/278	Taipei-Manila-Taipei	12 January 2020
3K 765/766	Singapore-Manila-Singapore	12 January 2020
KE 623/624	Incheon-Manila-Incheon	12 January 2020
KE 649/650	Incheon-Manila-Incheon	12 January 2020
GK 095/094	Nagoya-Manila-Nagoya	12 January 2020
GK 041/040	Narita-Manila-Narita	12 January 2020
PR 116	Manila-Yvr	12 January 2020
PR 126	Manila-JFK	12 January 2020
PR 595	Manila-Han	12 January 2020
OZ 703/704	Incheon-Manila-Incheon	12 January 2020
PR 100	Manila-LHR	12 January 2020
PR 310	Manila-Hong Kong	12 January 2020
PR 732	Manila-Bangkok	12 January 2020
PR 424	Manila-Haneda	12 January 2020
PR 509	Manila-Singapore	12 January 2020
PR 537	Manila-DPS	12 January 2020
PR 114	MNL-SFO	12 January 2020
PR 360	MNL-PEK	12 January 2020
PR 535	MNL-CGK	12 January 2020
PR 102	MNL-LAX	12 January 2020
PR 312	MNL-HKG	12 January 2020
PR 529	MNL-KUL	12 January 2020
PR 110	MNL-GUM	12 January 2020
PR 104	MNL-SFO	12 January 2020
PR 466	MNL-ICN	12 January 2020
PR 721	LHR-MNL	12 January 2020
PR421	HND-MNL	12 January 2020
PR 331	XMN-MNL	12 January 2020
PR 307	HKG-MNL	12 January 2020
PR 737	BKK-MNL	12 January 2020
PR 895	TPE MNL	12 January 2020
PR 419	PUS-MNL	12 January 2020
PR 469	ICN-MNL	12 January 2020
PR 512	SIN-MNL	12 January 2020
PR 311	HKG-MNL	12 January 2020
PR 733	BKK-MNL	12 January 2020

FLIGHT NO.	ROUTE	DATE OF CANCELLATION
PR 467	ICN-MNL	12 January 2020
CX903	Hong Kong-Manila	12 January 2020
CX902	Manila-Hong Kong	12 January 2020
CX 935	Hong Kong-Manila	12 January 2020
CX934	Manila-Hong Kong	12 January 2020
CX913	Hong Kong-Manila	12 January 2020
CX912	Manila-Hong Kong	12 January 2020
CX939	Hong Kong-Manila	12 January 2020
CX976	Manila-Hong Kong	12 January 2020
KL807	AMS-MNL	12 January 2020
KL808	MNL-AMS	12 January 2020
UA183	GUM-MNL	12 January 2020
UA184	MNL-GUM	12 January 2020
Z2 288	DMK-MNL	12 January 2020
Z2 287	MNL-DMK	12 January 2020
Z2 502	BKI-MNL	12 January 2020
Z2 018	MNL-PVG	12 January 2020
Z2 019	PVG-MNL	12 January 2020
Z2 231	MNL-DPS	12 January 2020
Z2 232	DPS-MNL	12 January 2020
AK 584/585	KUL-MNL-KUL	12 January 2020
Z2 888/889	MNL-INC-MNL	12 January 2020
Z2 093	MFM-MNL	12 January 2020
Z2 128/129	MNL-TPE-MNL	12 January 2020
Z2 138/139	MNL-CAN-MNL	12 January 2020
DL 181	NRT-MNL	12 January 2020
5J 923	FUK-MNL	12 January 2020
5J 113	CAN-MNL	12 January 2020
5J 827	KIX-MNL	12 January 2020
5J 5039	NGO-MNL	12 January 2020
5J 5057	NRT-MNL	12 January 2020
5J 806	SIN-MNL	12 January 2020
NH 819/820	NRT-MNL-NRT	12 January 2020
5J 751/752	MNL-SGN-MNL	12 January 2020
5J 286/287	MNL-CAN-MNL	12 January 2020
5J 929/230	MNL-BKK-MNL	12 January 2020
5J 187	ICN-MNL	12 January 2020
5J 310/311	TPE-MNL-TPE	12 January 2020
5J 931/932	MNL-BKK-MNL	12 January 2020
5J 759/760	MNL-CGK-MNL	12 January 2020
5J 366/367	MNL-MFM-MNL	12 January 2020
5J 733/734	MNL-BKI-MNL	12 January 2020
5J 362/363	MNL-MFM-MNL	12 January 2020
5J 501/502	MNL-KUL-MNL	12 January 2020
5J 678/679	MNL-PVG-MNL	12 January 2020
5J 672/673	MNL-PEK-MNL	12 January 2020

FLIGHT NO.	ROUTE	DATE OF CANCELLATION
5J 803/804	MNL-SIN-MNL	12 January 2020
5J 114	MNL-HKG	12 January 2020
DOMESTIC FLIGHTS	87	
PR 1861	Manila-Cebu	12 January 2020
2P 2819	Manila-Cebu	12 January 2020
2P 2198	Manila-Laoag	12 January 2020
2P 2529	MNL-CGY	12 January 2020
2P 2147	MNL-ILO	12 January 2020
2P 2137	MNL-BCD	12 January 2020
2P 2823	MNL-DVO	12 January 2020
2P 2863	MNL-CEB	12 January 2020
2P 2825	MNL-DVO	12 January 2020
PR 1869	MNL-CEB	12 January 2020
2P 2136	BCD-MNL	12 January 2020
2P 2860	CEB-MNL	12 January 2020
2P 2818	DVO-MNL	12 January 2020
2P 2788	PPS-MNL	12 January 2020
2P 2146	ILO-MNL	12 January 2020
2P 2880	CEB-MNL	12 January 2020
2P 2199	LAO-MNL	12 January 2020
PR 1862	CEB-MNL	12 January 2020
PR 1844	CEB-MNL	12 January 2020
2P 2148	ILO-MNL	12 January 2020
2P 2820	DVO-MNL	12 January 2020
2P 2138	BCD-MNL	12 January 2020
2P 2530	CGY-MNL	12 January 2020
2P 2824	DVO-MNL	12 January 2020
2P 2864	CEB-MNL	12 January 2020
5J 630	DGT-MNL	12 January 2020
5J 654	TAC-MNL	12 January 2020
5J 328	LGP-MNL	12 January 2020
5J 632	DGT-MNL	12 January 2020
5J 570	CEB-MNL	12 January 2020
5J 970	DVO-MNL	12 January 2020
5J 640	PPS-MNL	12 January 2020
5J 978	DVO-MNL	12 January 2020
5J 456	ILO-MNL	12 January 2020
5J 392	CGY-MNL	12 January 2020
5J 390	CGY-MNL	12 January 2020
5J 461/462	MNL-ILO-MNL	12 January 2020
5J471/472	MNL-BCD-MNL	12 January 2020
5J 377/378	MNL-CGY-MNL	12 January 2020
5J 589/590	MNL-CEB-MNL	12 January 2020
5J 556/557	CEB-MNL-CEB	12 January 2020
5J 981/982	MNL-DVO-MNL	12 January 2020
2P 2988	TAC-MNL	12 January 2020

FLIGHT NO.	ROUTE	DATE OF CANCELLATION
5J 657/658	MNL-TAC-MNL	12 January 2020
5J 579/580	MNL-CEB-MNL	12 January 2020
5J 467/468	MNL-ILO-MNL	12 January 2020
5J 573	MNL-CEB	12 January 2020
DG 6248	Caticlan-Manila	12 January 2020
DG 6318	LGP-MNL	12 January 2020
Z2 329/330	MNL-TAC-MNL	12 January 2020
Z2 420/421	MNL-PPS-MNL	12 January 2020
Z2 698	CGY-MNL	12 January 2020
Z2 757/758	MNL-CEB-MNL	12 January 2020
Z2 621/622	MNL-DVO-MNL	12 January 2020
Z2 713/714	MNL-KLO-MNL	12 January 2020
Z2 771/772	MNL-CEB-MNL	12 January 2020
Z2 313/314	MNL-ILO-MNL	12 January 2020
Z2 315/316	MNL-ILO-MNL	12 January 2020
Z2 8789/8788	MNL-CEB-MNL	12 January 2020
Z2 606	BCD-MNL	12 January 2020
Z2 607/608	MNL-BCD-MNL	12 January 2020
Z2 317/318	MNL-MNL-ILO-MNL	12 January 2020
Z2 355	TAG-MNL	12 January 2020
Z2 761/762	MNL-CEB-MNL	12 January 2020
Z2 625/626	MNL-DVO-MNL	12 January 2020

Sources: MIAA and OCD NCR

Taal Volcano Phreatic Eruption
SUSPENSION OF CLASSES
As of 13 January 2020, 6:00 AM

REGION/PROVINCE //MUNICIPALITY	REMARKS	DATE OF SUSPENSION
NCR		
<i>Caloocan City</i>	All Levels	13 January 2020
<i>Las Piñas City</i>	All Levels	13 January 2020
<i>Makati City</i>	All Levels	13 January 2020
<i>Malabon City</i>	All Levels	13 January 2020
<i>Mandaluyong City</i>	All Levels	13 January 2020
<i>Manila</i>	All Levels	13 January 2020
<i>Marikina City</i>	All Levels	13 January 2020
<i>Muntinlupa City</i>	All Levels	13 January 2020
<i>Navotas City</i>	All Levels	13 January 2020
<i>Parañaque City</i>	All Levels	13 January 2020
<i>Pasay City</i>	All Levels	13 January 2020
<i>Pasig City</i>	All Levels	13 January 2020
<i>Pateros</i>	All Levels	13 January 2020
<i>Quezon City</i>	All Levels	13 January 2020
<i>San Juan City</i>	All Levels	13 January 2020
<i>Taguig City</i>	All Levels	13 January 2020
<i>Valenzuela City</i>	All Levels	13 January 2020
CALABARZON		
Batangas (Province-wide)	All Levels	13 January 2020
Cavite (Province-wide)	All Levels	13 January 2020
Laguna (Province-wide)	All Levels	13 January 2020
Rizal (Province-wide)	All Levels	13 January 2020

Sources: OCD ROs CALABARZON and NCR