

## **Mt. Zao Volcanic Forecast: Warning Cancelled**

Issued by the Sendai District Meteorological Observatory at 2 p.m., March 6, 2018

<Volcanic forecast for Mt. Zao (lowered to Alert Level 1, potential for increased activity):  
Warning has been cancelled>

Possibility of eruptions that may affect up to an approximately 1.2 km radius from the predicted crater area (Umanose Caldera) has decreased.

<Volcanic alert level has been lowered from Level 2 (do not approach the crater) to Level 1 (potential for increased activity) >

### 1. Volcanic Activity and Warnings

On January 28<sup>th</sup> at Mt. Zao, volcanic tremors followed by surface deformation occurred, leading to an increase in volcanic activity. However, there have been no changes in surface deformation since February 4<sup>th</sup>, and the last volcanic tremor was observed on February 8<sup>th</sup>.

In addition, aerial observations up until now have found no abnormalities in the areas surrounding Mt. Zao such as Okama, Maruyamazawa thermal area, and Furikozawa.

Based on these observations, it is believed that the possibility of eruptions that may affect up to an approximately 1.2 km radius from the predicted crater area (Umanose Caldera) has decreased.

Since 2013, signs of an increase in volcanic activity such as volcanic earthquakes and tremors and changes in surface deformation have been observed, so please pay attention to future information related to volcanic activity.

Furthermore, frequent reports on recent volcanic activity in Zao will no longer be released.

### 2. Affected Municipalities

The following municipalities no longer have to take special precautions such as avoiding entrance to the crater area.

Miyagi Prefecture: Zao Town, Shichikashuku Town, Kawasaki Town

Yamagata Prefecture: Yamagata City, Kaminoyama City

### 3. Disaster Prevention

Fume and volcanic gas emissions have been observed at Maruyamazawa, and Furikozawa within Umanose Caldera. If you notice anything strange, please move quickly away from the caldera.

**\*\*About Volcanic Alert Levels\*\***

Level 5 (Evacuate): Evacuate from areas in the danger zone.

Level 4 (Prepare to evacuate): Prepare to evacuate from alert areas. Evacuate individuals who need more assistance.

Level 3 (Do not approach the volcano): Do not enter danger zones (entering the mountain, mountain climbing, etc.). Depending on the situation, prepare to evacuate individuals who need more assistance.

Level 2 (Do not approach the crater): Do not approach areas around the crater.

Level 1 (Potential for increased activity): Depending on the situation, it may be necessary to refrain from approaching areas around the crater.

(Warning: Areas where evacuations or restrictions are issued may differ depending on the surrounding region and volcanic activity.)

For more information, please refer to the Japan Meteorological Agency website:  
<http://www.jma.go.jp/en/volcano>

