

## **2006-2008 ERUPTIONS OF BEZYMIANNY VOLCANO**

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Bezymianny volcano is one of the most active volcanoes of Kamchatka, Russia. A growth of the lava dome Novy into the explosive crater continues from 1956 till present.

Six strong explosive eruptions of this volcano occurred in 2006-2008. Ash plumes rose up to 15 km (49,200 ft.) ASL and ash plumes drifted mainly to the eastern directions from the volcano. Always as result of these eruptions there were formed pyroclastic deposits: ash fall, pyroclastic flows and surges. Flow deposits accumulated in the valley on the south-eastern flank of the volcano. The run-out of the flows deposits varied from 4-5 till 8-9 km.

Thanks to satellite monitoring of the volcano, volcanologists were able traced the development of volcanic activity changes before and after every culmination eruption. It was only one method for a prediction of Bezymianny explosive eruption when seismic activity of Klyuchevskoy volcano was very high.