

## Activation of the Ebeko volcano in May–July, 2020 (Paramushir Island, Northern Kuril Islands)

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**Abstract.** The Ebeko volcano located in the northern part of Paramushir Island (Northern Kuril Islands), is currently the most active volcano of the Kuril Island arc: since 2016, next explosive eruption has continued, proceeding in the form of regular ash-gas explosions of moderate force. In the period from January 2018 to October of 2020 a total of at least 1834 emissions were recorded (during daylight hours and under good weather conditions). In May–July 2020, the intensification of the eruptive activity of the volcano was observed, that manifested in a sharp increase of the emissions frequency and height. During this period, 296 emissions were recorded, 90 of which were at an altitude of 3 km or more.

*Keywords:*

**Kuril Islands, the Ebeko volcano, ash, eruption, volcanic activity monitoring**

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