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## One year of Kamchatka volcanoes live observation with VIIRS Nightfire

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The work presents new pipeline architecture and one year worth of usage experience of volcanic activity monitoring with VIIRS Nightfire. Multispectral nighttime volcanic activity monitoring system was deployed in Kamchatka in early spring of 2016 and the accumulated time series of detections open up the discussion on sensitivity and fault tolerance of the software. Several significant events of volcanic nature have occurred in the region. Their parameters are summarized and their monitoring results are related to the ground observations. The work discusses perspectives of addition of the new JPSS-1 satellite and nighttime M11 SWIR spectral band.