

# Comparisons and measurement results from 7 instances of photography



1. December 4, 2013



2. December 17, 2013



3. February 16, 2014



4. March 22, 2014



5. July 4, 2014



6. December 4, 2014



7. December 10, 2014

Date of photography	New land area (reference values)	Highest elevation (reference values)	Volume of newly emitted lava, etc. on sea surface	Flow speed of lava onto sea surface
December 17, 2013 (Photography by "Kunikaze III")	Approx. 0.097 km <sup>2</sup>	Approx. 39 m	Approx. 800,000 m <sup>3</sup>	Approx. 120,000 m <sup>3</sup> per day
February 16, 2014 (Photography by "Kunikaze III")	Approx. 0.51 km <sup>2</sup>	Approx. 66 m	Approx. 7,900,000 m <sup>3</sup>	
March 22, 2014 (Photography by UAV)	Approx. 0.67 km <sup>2</sup>	Approx. 71 m	Approx. 11,300,000 m <sup>3</sup>	Approx. 100,000 m <sup>3</sup> per day
July 4, 2014 (Photography by UAV)	Approx. 1.08 km <sup>2</sup>	Approx. 74 m	Approx. 22,200,000 m <sup>3</sup>	Approx. 100,000 m <sup>3</sup> per day
December 4, 2014 (Photography by "Kunikaze III")	Approx. 2.27 km <sup>2</sup>	Approx. 110 m	Approx. 49,700,000 m <sup>3</sup>	Approx. 180,000 m <sup>3</sup> per day
December 10, 2014 (Photography this time by "Kunikaze III")	Approx. 2.29 km <sup>2</sup>	*	*	—

\* Could not be calculated because of difficulty in ascertaining 3D information due to cloudy skies.  
(The above image number 7. was created by linking photographs of cloud-free areas.)