

Comparison of measurement results

Date of photography	New land area (unofficial values)	Highest elevation (unofficial values)	The volume of lava emitted and accumulated over the sea level	Flow speed of lava onto sea surface
2. December 17 th , 2013 (Photography by "Kunikaze III")	Approx. 0.097 km ²	Approx. 39 m	Approx. 800,000m ³	Approx. 120,000 m ³ per day
3. February 16 th , 2014 (Photography by "Kunikaze III")	Approx. 0.51 km ²	Approx. 66 m	Approx. 7,900,000m ³	
4. March 22 nd , 2014 (Photography by UAV)	Approx. 0.67 km ²	Approx. 71 m	Approx. 11,300,000m ³	Approx. 100,000m ³ per day
5. July 4 th , 2014 (Photography by UAV)	Approx. 1.08 km ²	Approx. 74 m	Approx. 22,200,000m ³	Approx. 100,000m ³ per day
6. December 4 th , 2014 (Photography by "Kunikaze III")	Approx. 2.27 km ²	Approx. 110 m	Approx. 49,700,000m ³	Approx. 180,000m ³ per day
8. March 1 st , 2015 (Photography by UAV)	Approx. 2.55 km ²	Approx. 137 m	Approx. 64,460,000m ³	Approx. 170,000m ³ per day
9. July 28 th , 2015 (Photography by UAV)	Approx. 2.74 km ²	Approx. 150 m	Approx. 85,110,000m ³	Approx. 140,000m ³ per day
10. December 9 th , 2015 (Photography by "Kunikaze III")	Approx. 2.71 km ²	Approx. 142 m	Approx. 88,010,000m ³	Approx. 20,000m ³ per day
11. March 3rd, 2016 (Photography by UAV)	Approx. 2.73 km ²	Approx. 142 m	Approx. 87,210,000m ³	—
12. July 25th, 2016 (Photography by UAV conducted this time)	Approx. 2.75 km ²	Approx. 142 m	Approx. 87,220,000m ³	—

*"New land area" includes the area of the old island except for the data obtained from the photography on December 17th, 2013. (the area of old Nishinoshima Island: 0.29 km²)

* Some of the data could not be calculated from the photos taken on "1. December 4th, 2013" and "7. December 10th, 2014" because of difficulty in ascertaining 3D information due to cloudy and smoky skies.

* Flow speed of lava onto sea surface can be considered to be almost zero.