

## 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 <sup>th</sup> , 2013 (Photography by "Kunikaze III")	Approx. 0.097 km <sup>2</sup>	Approx. 39 m	Approx. 800,000m <sup>3</sup>	Approx. 120,000 m <sup>3</sup> per day
3. February 16 <sup>th</sup> , 2014 (Photography by "Kunikaze III")	Approx. 0.51 km <sup>2</sup>	Approx. 66 m	Approx. 7,900,000m <sup>3</sup>	Approx. 100,000m <sup>3</sup> per day
4. March 22 <sup>nd</sup> , 2014 (Photography by UAV)	Approx. 0.67 km <sup>2</sup>	Approx. 71 m	Approx. 11,300,000m <sup>3</sup>	Approx. 100,000m <sup>3</sup> per day
5. July 4 <sup>th</sup> , 2014 (Photography by UAV)	Approx. 1.08 km <sup>2</sup>	Approx. 74 m	Approx. 22,200,000m <sup>3</sup>	Approx. 180,000m <sup>3</sup> per day
6. December 4 <sup>th</sup> , 2014 (Photography by "Kunikaze III")	Approx. 2.27 km <sup>2</sup>	Approx. 110 m	Approx. 49,700,000m <sup>3</sup>	Approx. 170,000m <sup>3</sup> per day
8. March 1 <sup>st</sup> , 2015 (Photography by UAV)	Approx. 2.55 km <sup>2</sup>	Approx. 137 m	Approx. 64,460,000m <sup>3</sup>	Approx. 140,000m <sup>3</sup> per day
9. July 28 <sup>th</sup> , 2015 (Photography by UAV)	Approx. 2.74 km <sup>2</sup>	Approx. 150 m	Approx. 85,110,000m <sup>3</sup>	Approx. 20,000m <sup>3</sup> per day
10. December 9 <sup>th</sup> , 2015 (Photography by "Kunikaze III")	Approx. 2.71 km <sup>2</sup>	Approx. 142 m	Approx. 88,010,000m <sup>3</sup>	—
11. March 3rd, 2016 (Photography by UAV conducted this time)	Approx. 2.73 km <sup>2</sup>	Approx. 142 m	Approx. 87,210,000m <sup>3</sup>	—

\*"New land area" includes the area of the old island except for the data obtained from the photography on December 17<sup>th</sup>, 2013. (the area of old Nishinoshima Island: 0.29 km<sup>2</sup>)

\* Some of the data could not be calculated from the photos taken on "1. December 4<sup>th</sup>, 2013" and "7. December 10<sup>th</sup>, 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.