

## Comparison of measurement results

Date of photography	New land area (unofficial values)	Highest elevation (unofficial values)	The volume of lava over the sea level emitted and accumulated	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 Approx. 100,000m <sup>3</sup> per day Approx. 100,000m <sup>3</sup> per day Approx. 180,000m <sup>3</sup> per day Approx. 170,000m <sup>3</sup> per day Approx. 140,000m <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>	
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>	
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>	
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>	
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>	
9. July 28 <sup>th</sup> , 2015 (Photography by UAV conducted this time)	Approx. 2.74 km <sup>2</sup>	Approx. 150 m	Approx. 85,110,000m <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.