

Automatic observation of volcanic clouds at Satsuma-Iojima and its database publication

Kisei Kinoshita[1]

[1] Fac. Education, Kagoshima Univ.

<http://www-sci.edu.kagoshima-u.ac.jp/volc/>

The records of volcanic clouds at Iodake in Satsuma-Iojima island, 40 km south of Satsuma peninsula in Kyushu, Japan, were obtained by digital camera at one hour intervals since 23 July 1998, supplemented with the time lapse video records at a few minutes intervals. The daily activity of the volcano was found to be the stationary ejection of vapor rich clouds to form white plumes with the height 300 m on the average with the maximum about 1000 m. A database of digital photos has been exhibited in an internet home-page.