

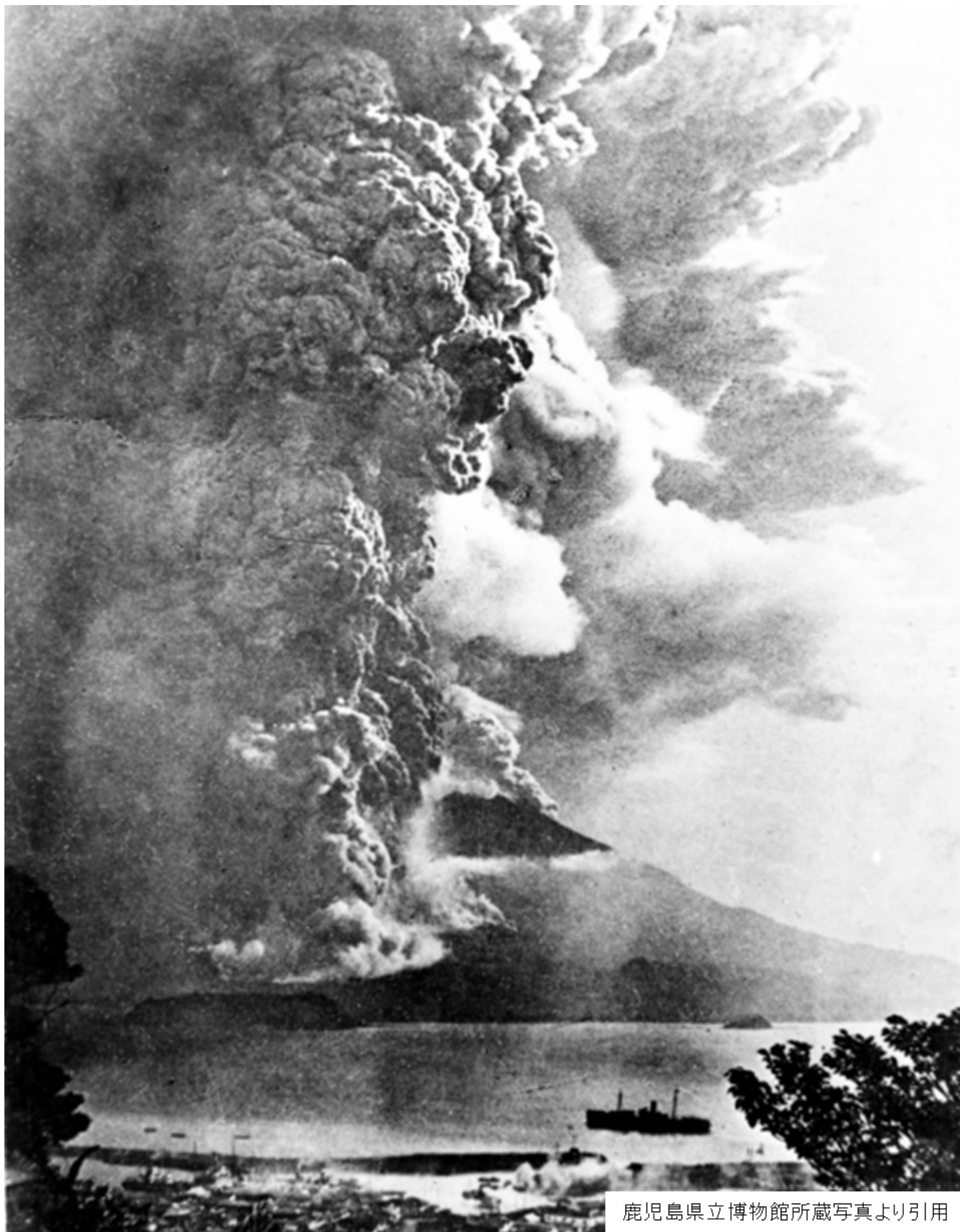
Predicting ash falls during the next large eruption of Sakurajima Volcano -Study of wind blowing in the sky II-

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Near Kirishima City, where we live, is Sakurajima Volcano, which is still active today. At present, Sakurajima volcano's activity is mainly eruptive activity accompanied by ash fall. During the Taisho eruption that occurred 109 years ago, a large amount of ash fell on Sakurajima and the Osumi Peninsula to the east, causing great damage. A large eruption of this level is expected to occur at Sakurajima in the near future, and ash fall distribution predictions have been published. We analyzed and considered the recent trend of wind direction over Sakurajima volcano using data published by the Kagoshima Local Meteorological Observatory. As a result, it was found that the direction of ash fall from Sakurajima volcano has certain characteristics for each season.

Keywords: sakurajima volcano, ash fall, wind direction



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