


JMA Seismological/ Volcanological information

1. IDENTIFICATION INFORMATION

Name	JMA Seismological/Volcanological information
Metadata Identifier	JMA_seisvol20230727093322-en

2. CONTACT

2.1 CONTACT on DATASET

Name	Administration Division, Seismological and Volcanological Department, JMA
Organization	Japan Meteorological Agency
Address	1-3-4 Otemachi, Chiyoda-ku, Tokyo, 100-8122, Japan
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2.2 CONTACT on PROJECT

3. DOCUMENT AUTHOR

Name	Administration Division, Seismological and Volcanological Department, JMA
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4. DATASET CREATOR

Name	Seismological and Volcanological Department, JMA
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5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

creation : 2012-09-14

7. DATASET OVERVIEW

7.1 Abstract

* the data of volcanic seismic observation by Japan Meteorological Agency

* Hourly data of crustal strain: Hourly mean value of Volume strain observed by borehole type volume strainmeters, normal strain of each direction observed by multi-component borehole type strainmeters.

* CMT solutions in Japan Meteorological Agency : CMT(Centroid Moment Tensor) solutions

* Nodal plane solutions in Japan Meteorological Agency : Nodal plane solutions determined by P-wave initial motion polarity, and P-wave initial motion polarity of observation points

* Arrival time data : The arrival time of P phase and S phase and the maximum seismic wave amplitude at seismic stations in Japan

* Hypocenter data : Focal parameters and magnitude determined by observation data at seismic stations in Japan

* Seismic intensity data observed by JMA seismic intensity meter.

* the volcanic plume data, "height, length, width, direction, color and other", witch observed by Japan Meteorological Agency

* the monitoring data of air shock with a low frequency microphone by Japan Meteorological Agency

* the volcanic grand deformation data, witch observed by Japan Meteorological Agency,"include expansion and contraction of a volcanic body"

7.2 Topic Category(IS019139)

geoscientificInformation

7.3 Temporal Extent

Begin Date	1923-01-01
End Date	Under Continuation

7.4 Geographic Bounding Box

North latitude bound	50.0
West longitude bound	119.0
Eastbound longitude	157.0
South latitude bound	19.0

7.5 Grid

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Solid Earth > Tectonics > Plate Tectonics, Solid Earth > Volcanoes, Solid Earth > Tectonics > Strain, Solid Earth > Seismology > Earthquake Occurrences, Solid Earth > Seismology	GCMD_science
theme	In Situ Land-based Platforms	GCMD_platform
theme	Disasters	GEOSS

7.7.2 Keywords on Project

7.8 Online Resource

Seismological information (Japanese only) : <http://www.data.jma.go.jp/add/suishin/catalogue/quake.html>

Volcanological information (Japanese only) : <http://www.data.jma.go.jp/add/suishin/catalogue/volc.html>

Seismological information (Japanese only) : <http://www.data.jma.go.jp/svd/eqev/data/index.html>

Volcanological information (Japanese only) : <http://www.jma.go.jp/jma/menu/bunyavolcano.html#data>

Japan Meteorological Agency Web Site : <http://www.jma.go.jp/jma/index.html>

o Japan Meteorological Business Support Center : <http://www.jmbc.or.jp/jp/index.html>

o Japan Meteorological Agency Information at a glance : <http://www.data.jma.go.jp/add/suishin/catalogue/catalogue.html>

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
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8. DATA PROCESSING

9. DATA REMARKS

10. DATA POLICY

10.1 Data Policy by the Data Provider

10.2 Data Policy by the Project

11. LICENSE

12. DATA SOURCE ACKNOWLEDGEMENT

12.1 Acknowledge the Data Provider

12.2 Acknowledge the Project

13. REFERENCES