



JMA Vertical Ozone Profile Dataset by Umkehr Observation

1. IDENTIFICATION INFORMATION

Name	JMA Vertical Ozone Profile Dataset by Umkehr Observation
Metadata Identifier	JMA_Obs_Umkehr20230727081043-en

2. CONTACT

2.1 CONTACT on DATASET

Name	Ozone Layer Monitoring Center
Organization	Ozone Layer Monitoring Center, Atmospheric Environment Division, Global Environment and Marine Department, Japan Meteorological Agency
Address	1-3-4 Otemachi, Chiyoda-ku, Tokyo, 100-8122, Japan
E-mail	ozone@met.kishou.go.jp

2.2 CONTACT on PROJECT

3. DOCUMENT AUTHOR

Name	Ozone Layer Monitoring Center
Organization	Ozone Layer Monitoring Center, Atmospheric Environment Division, Global Environment and Marine Department, Japan Meteorological Agency
E-mail	ozone@met.kishou.go.jp

4. DATASET CREATOR

Name	Ozone Layer Monitoring Center
Organization	Ozone Layer Monitoring Center, Atmospheric Environment Division, Global Environment and Marine Department, Japan Meteorological Agency
E-mail	ozone@met.kishou.go.jp

5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

creation : 1957-08-01

7. DATASET OVERVIEW

7.1 Abstract

JMA vertical ozone profile data derived by umkehr observation at Sapporo, Tateno/Tsukuba, Kagoshima(terminated in 2005), Naha, Minamitorishima(terminated in 2018), Torishima(terminated in 1959) and Syowa.

7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	1957-08-01
End Date	Under Continuation

7.4 Geographic Bounding Box

North latitude bound	44
West longitude bound	39
Eastbound longitude	142
South latitude bound	-69

7.5 Grid

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Atmosphere > Atmospheric Chemistry > Oxygen Compounds > Ozone	GCMD_science
theme	In Situ Land-based Platforms > GROUND-BASED OBSERVATIONS	GCMD_platform
theme	Climate	GEOSS
place	SAPPORO, TATENO/TSUKUBA, KAGOSHIMA, NAHA, MINAMITORISHIMA, TORISHIMA, SYOWA	No_Dictionary

7.7.2 Keywords on Project

7.8 Online Resource

WOUDC(World Ozone and Ultraviolet Radiation Data Centre) : https://www.woudc.org/index_e.html
: <https://www.data.jma.go.jp/gmd/env/data/report/data/>

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
extended CSV		Format description for the extended CSV is available on https://guide.woudc.org/en/#chapter-3-standard-data-format

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

Please refer to the following site for the citation rules.

<https://woudc.org/about/data-policy.php>

12.2 Acknowledge the Project

13. REFERENCES