

1. IDENTIFICATION INFORMATION

Name	GPV Data Archive
Abbreviation	GPV
DOI	doi:10.20783/DIAS.161 [https://doi.org/10.20783/DIAS.161]
Metadata Identifier	GPV20230727063255-DIAS20221121113753-en

2. CONTACT

2.1 CONTACT on DATASET

Name	Kei Yoshimura
Organization	University of Tokyo
TEL	+81-4-7136-4383
FAX	+81-4-7136-4375
E-mail	keiyoshi08 at gmail dot com

2.2 CONTACT on PROJECT

2.2.1 Data Integration and Analysis System

Name	DIAS Office
Organization	Japan Agency for Marine-Earth Science and Technology
Address	3173-25, Showa-Cho, Kanazawa-ku, Yokohama-shi, Kanagawa, 236-0001, Japan
E-mail	dias-office@diasjp.net

3. DOCUMENT AUTHOR

Name	Goro Mouri
Organization	University of Tokyo
E-mail	mouri at rainbow dot iis dot u-tokyo dot ac dot jp

4. DATASET CREATOR

Name	Eiji Ikoma
Organization	University of Tokyo
E-mail	eikoma at tkl dot iis dot u-tokyo dot ac dot jp

5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

creation : 2010-10-10

7. DATASET OVERVIEW

7.1 Abstract

Oki/Kanae Lab purchases rights to archive the GSM-GPV data and stores them in Kitsuregawa-Lab data servers from July 2002. The data are free for research purpose, but refer or acknowledge as followings:

The GSM-GPV data are originally provided by JMA. To access them, the archiving system of Oki/Kanae-Lab and Kitsuregawa-Lab, IIS, Univ. of Tokyo is used. Data accessible at <http://dias.tkl.iis.u-tokyo.ac.jp/gpv/>

7.2 Topic Category(IS019139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	2002-07-01
End Date	Under Continuation
Temporal Characteristics	Daily

7.4 Geographic Bounding Box

North latitude bound	90
West longitude bound	-180
Eastbound longitude	180
South latitude bound	-90

7.5 Grid

Dimension Name	Dimension Size (slice number of the dimension)	Resolution Unit
row		0.5 (deg)
column		0.5 (deg)

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	ATMOSPHERIC PROCESSES > Global climate models	AGU

7.7.2 Keywords on Project

7.7.2.1 Data Integration and Analysis System

Keyword Type	Keyword	Keyword thesaurus Name
theme	DIAS > Data Integration and Analysis System	No_Dictionary

7.8 Online Resource

GPV Data Archive Version 2 on DIAS Server at Kitsuregawa Lab. IIS, The Univ. of Tokyo : <http://dias.tkl.iis.u-tokyo.ac.jp/gpv/>

file download : <https://data.diasjp.net/dl/storages/filelist/dataset:161>

GPV Data Archive system : <http://apps.diasjp.net/gpv/>

7.9 Data Environmental Information

The data was produced in Japan Meteorological Business Support Center.

7.10 Distribution Information

name	version	specification
GSM00X024	Version 2	The contents of the data is written in Data Remarks.

8. DATA PROCESSING

8.1 Data Processing (1)

8.1.1 General Explanation of the data producer's knowledge about the lineage of a dataset

We examined the 8-year (2002 – 2010) time series of daily Sea-level pressure, surface pressure, wind, air temperature, relative humidity, precipitation and cloudage in 0.5 x 0.5 degree grid cells over the global area.

8.1.2 Data Source

Data Source Citation Name	Description of derived parameters and processing techniques used
Global meteorological data: Sea-level pressure, surface pressure, wind, air temperature, relative humidity, precipitation, cloudage	http://www.jmbasc.or.jp/

9. DATA REMARKS

10. DATA POLICY

10.1 Data Policy by the Data Provider

Provided for non-commercial research and education.

10.2 Data Policy by the Project

10.2.1 Data Integration and Analysis System

If data provider does not have data policy, DIAS Terms of Service (<https://diasjp.net/en/terms/>) and DIAS Privacy Policy (<https://diasjp.net/en/privacy/>) apply.

If there is a conflict between DIAS Terms of Service and data provider's policy, the data provider's policy shall prevail.

11. LICENSE

12. DATA SOURCE ACKNOWLEDGEMENT

12.1 Acknowledge the Data Provider

12.2 Acknowledge the Project

12.2.1 Data Integration and Analysis System

If you plan to use this dataset for a conference presentation, paper, journal article, or report etc., please include acknowledgments referred to following examples. If the data provider describes examples of acknowledgments, include them as well.

" In this study, [Name of Dataset] provided by [Name of Data Provider] was utilized. This dataset was also collected and provided under the Data Integration and Analysis System (DIAS), which was developed and operated by a project supported by the Ministry of Education, Culture, Sports, Science and Technology. "

13. REFERENCES

