DIAS Japanese 25-year ReAnalysis (JRA-25)

1. IDENTIFICATION INFORMATION

Name	DIAS Japanese 25-year ReAnalysis (JRA-25)
Metadata Identifier	JRA2520200901165522-DIAS20200901154929-en

2. CONTACT

2.1 CONTACT on DATASET

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2.2 CONTACT on PROJECT

2.2.1 Data Integration and Analysis System

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4. DATASET CREATOR

Name	The Japan Meteorological Agency (JMA) and the Central Research Institute of Electric Power Industry (CRIEPI)
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5. DATE OF THIS DOCUMENT

2020-09-01

6. DATE OF DATASET

creation : 2010-06-22

7. DATASET OVERVIEW

7.1 Abstract

The Japan Meteorological Agency (JMA) and the Central Research Institute of Electric Power Industry (CRIEPI) jointly conducted the Japanese 25-year Reanalysis (JRA-25) project for five years from 2001. Quality-controlled observational data from past decades and the latest numerical assimilation and prediction technology were used to produce a long-term record of the state of the atmosphere. The reanalysis covers the 26-year period from 1979 to 2004, and provides consistent and high-quality data. The JRA-25 product is widely used for research on meteorology and climatology, as well as for operational climate monitoring and seasonal forecasting.

Period reanalyzed: from Jan. 1979 to Dec. 2004 (26 years)

Global model resolution : T106L40 (model top: 0.4hPa)

Data assimilation : 3D-Var

Numerical assimilation system : JMA's operational system of April 2004.

In addition, SSM/I PW, and TOVS radiance level 1c (SSU) and 1d (HIRS, MSU) were assimilated.

7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	1979-01-01
End Date	2004-12-31

7.4 Geographic Bounding Box

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

7.5 Grid

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Climate	No_Dictionary

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

JRA25 Top Page : http://jra.kishou.go.jp/JRA-25/index_en.html

JRA25 Top Page (in Japanese) : http://jra.kishou.go.jp/JRA-25/index_jp.html

file download : https://data.diasjp.net/dl/storages/filelist/dataset:140

Quality issues (in English) : http://jra.kishou.go.jp/JRA-25/history/information_en.html

Quality issues (in Japanese) : http://jra.kishou.go.jp/JRA-25/history/information.html

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
grib	no information	

8. DATA PROCESSING

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

8.2 Data Processing

Data Source Citation Name	Description of derived parameters and processing techniques used

9. DATA REMARKS

10. LICENSE

10.1 Data Policy by the Data Provider

(1)Users should provide user information including name, affiliation, e-mail address and purpose of data use.

(2)Users should not distribute the Products to any third party without JMA's prior

consent. Use of the Products for any commercial purposes is also prohibited.

(3)The source of the Products should be duly acknowledged in scientific or technical papers, publications, press releases or other communications regarding the Products.

Example:

The datasets used for this study are from the JRA-25 long-term reanalysis cooperative research project carried out by the Japan Meteorological Agency (JMA) and the Central Research Institute of Electric Power Industry (CRIEPI).

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/policy/) and DIAS Privacy Policy (https://diasjp.net/en/privacypolicy/) apply.

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

11. DATA SOURCE ACKNOWLEDGEMENT

11.1 Acknowledge the Data Provider

11.2 Acknowledge the Project

11.2.1 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.

"We used the [name of dataset] provided by [name of data provider] in this study. This dataset was collected and provided under the Data Integration and Analysis System (DIAS, Project No. JPMXD0716808999), which has been developed and operated by the Ministry of Education, Culture, Sports, Science and Technology (MEXT)."

12. DISCLAIMER

12.1 Disclaimer of Project

12.1.1 Data Integration and Analysis System

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

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