



# The Japanese 55-year Reanalysis is AMIP-type simulation (JRA-55AMIP)

## 1. IDENTIFICATION INFORMATION

Name	The Japanese 55-year Reanalysis AMIP-type simulation (JRA-55AMIP)
Abbreviation	JRA-55AMIP
Metadata Identifier	JRA55_AMIP20170725125304-DIAS20170725102541-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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Organization	Remote Sensing Technology Center of Japan
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## 4. DATASET CREATOR

Name	Climate Research Department, Meteorological Research Institute
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Organization	Climate Research Department, Meteorological Research Institute
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## 5. DATE OF THIS DOCUMENT

2017-07-25

## 6. DATE OF DATASET

publication : 2014-10-01

## 7. DATASET OVERVIEW

### 7.1 Abstract

As a subset of the Japanese 55-year Reanalysis (JRA-55) project, an experiment using the global atmospheric model of the JRA-55 was conducted by the Meteorological Research Institute of the Japan Meteorological Agency. The experiment, named the JRA-55AMIP, has been carried out by prescribing the same boundary conditions and radiative forcing of JRA-55, including the historical observed sea surface temperature, sea ice concentration, greenhouse gases, etc., with no use of atmospheric observational data. This sub-project is intended to assess systematic errors of the model.

(A part of JRA-55AMIP data included an error. We replaced the error data to the corrected data on 3rd June 2015. The details are described at "Data Remarks".)

### 7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

### 7.3 Temporal Extent

Begin Date	1958-01-01
End Date	2012-12-31

### 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
		()
		()

		( )
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## 7.6 Geographic Description

## 7.7 Keywords

### 7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Atmosphere	GCMD_science
theme	Aircraft, Balloons/Rockets, Earth Observation Satellites, In Situ Land-based Platforms, In Situ Ocean-based Platforms, Models > , Navigation Platforms	GCMD_platform
theme	Climate, Weather	GEOSS

### 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

JRA project website : <http://jra.kishou.go.jp/>

JRA-55 Product Users Handbook (in English) : [http://jra.kishou.go.jp/JRA-55/index\\_en.html#manual](http://jra.kishou.go.jp/JRA-55/index_en.html#manual)

JRA-55 Product Users Handbook (in Japanese) : [http://jra.kishou.go.jp/JRA-55/index\\_ja.html#manual](http://jra.kishou.go.jp/JRA-55/index_ja.html#manual)

file download : <http://dias-dss.tkl.iis.u-tokyo.ac.jp/dl/storages/filelist/dataset:232>

## 7.9 Data Environmental Information

## 7.10 Distribution Information

name	version	specification
GRIB	1	

# 8. DATA PROCESSING

# 9. DATA REMARKS

Because a part of JRA-55AMIP data included an error, we replaced the error data to the corrected data on 3rd June 2015. Please download the data again from DIAS with the updated versions

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The replaced are the following data (262 files):

All files (226) under JRA-55AMIP/Hist/Daily/fcst\_phy2m125/199902/

Four files under JRA-55AMIP/Hist/Monthly/fcst\_phy2m125/

fcst\_phy2m125.199902

fcst\_phy2m125\_var.199902

fcst\_phy2m125.monthly.idx

fcst\_phy2m125\_var.monthly.idx

32 files under JRA-55AMIP/Hist/Monthly\_diurnal/fcst\_phy2m125/

fcst\_phy2m125.199902\_{\$hh}

fcst\_phy2m125\_var.199902\_{\$hh}

fcst\_phy2m125\_{\$hh}Z.monthly.idx

fcst\_phy2m125\_var\_{\$hh}Z.monthly.idx

{\$hh}: 00, 03, 06, 09, 12, 15, 18, 21

## 10. USE CONSTRAINTS

### 10.1 Data Policy by Data Provider

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- (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.
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- (4) Users should provide JMA with a copy of their scientific or technical papers, publications, press releases or other communications regarding the Products.

Disclaimer

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#### 10.2.1 Data Integration and Analysis System

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3. Users shall not modify the content of DIAS data sets
  4. Users shall not provide the content of DIAS data sets to third parties
  5. In the event of using DIAS data sets in an academic presentation, paper, article, or report, etc., users shall cite in parenthesis the text given as the data citation
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[\*1] Data sets whose commercial usage are allowed under the data policy by data provider will be also allowed to be used commercially as DIAS data sets, after ongoing preparation works have been completed. Please contact the DIAS Office for more details.

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## 10.3 Disclaimer for Project

### 10.3.1 Data Integration and Analysis System

1. DIAS data provider is not liable for any losses or any damage when DIAS data sets are used.
2. DIAS data and related information are subject to change without any prior notice.
3. DIAS data sets provided are not supported for any additional processing or analysis.

## 11 ACKNOWLEDGEMENT

### 11.1 Dataset Acknowledgement

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 provided from the Japanese 55-year Reanalysis (JRA-55) project carried out by the Japan Meteorological Agency (JMA).

### 11.2 Project Acknowledgement

#### 11.2.1 Data Integration and Analysis System

Whenever DIAS dataset is used for any academic presentations, and any publication of scientific results, the author(s) shall specify the following acknowledgement and if the data provider has their own acknowledgement quotation, the author(s) shall use both acknowledgements.

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## 12. REFERENCES

Kobayashi, S., Y. Ota, Y. Harada, A. Ebita, M. Moriya, H. Onoda, K. Onogi, H. Kamahori, C. Kobayashi, H. Endo, K. Miyaoka, and K. Takahashi, 2015: The JRA-55 Reanalysis: General Specifications and Basic Characteristics. 93, 5-48, doi: 10.2151/jmsj.2015-001.

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