WRF hindcast data over Toyama area [4.5km]

1. IDENTIFICATION INFORMATION

Name	WRF hindcast data over Toyama area [4.5km]
Edition	ベータ版
Abbreviation	WRF-Toyama-ERAint-1990s
Metadata Identifier	WRF_ctl_eraint_1990s_Toyama20230727071852-DIAS20221121113753-en

2. CONTACT

2.1 CONTACT on DATASET

Name	Xieyao Ma
Organization	Japan Agency for Marine-Earth Science and Technology
Address	Showa-machi, Kanazawa-ku, , Yokohama-city, , Kanagawa, , Japan
TEL	+81 45 778
E-mail	xyma@jamstec.go.jp

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	Xieyao Ma
Organization	Japan Agency for Marine-Earth Science and Technology
E-mail	xyma@jamstec.go.jp

4. DATASET CREATOR

Name	Xieyao Ma
Organization	Japan Agency for Marine-Earth Science and Technology
E-mail	xyma@jamstec.go.jp

5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

publication : 2014-11-25

7. DATASET OVERVIEW

7.1 Abstract

Hindcast data simulated by WRF over Toyama area. Horizontal resolution is 4.5km, while ERA-interim was used for input and boundary data.

7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	1990-08-01
End Date	2010-07-31
Temporal Characteristics	Hourly

7.4 Geographic Bounding Box

North bound latitude	38
West bound longitude	135.5
Eastbound longitude	139.5
South bound latitude	35.5

7.5 Grid

Dimension Name	Dimension Size (slice number of the dimension)	Resolution Unit
row	96	4500 (m)
column	88	4500 (m)
time	8760	60 (minute)

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Atmosphere > Precipitation > Snow	GCMD_science
theme	Climate	GEOSS
theme	Models > GCM	GCMD_platform
place	Asia > Eastern Asia > Japan	Country

7.7.2 Keywords on Project

7.7.2.1 Data Integration and Analysis System

Keyword Type	Keyword	Keyword thesaurus Name
theme	DIAS &gt; Data Integration and Analysis System	No_Dictionary

7.8 Online Resource

File download from DIAS : https://data.diasjp.net/dl/storages/filelist/dataset:236

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
binary	ベータ版	

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

This data is Hindcast data simulated over Hokuriku area. Weather Research and Forecast (WRF) developed by the National Center for Atmospheric Research (NCAR) was used as the Regional Climate Model, while ERA interim produced by European Centre for Medium-Range Weather Forecasting (ECMWF) was used as initial and boundary value.

8.1.2 Data Source

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

9. DATA REMARKS

10. DATA POLICY

10.1 Data Policy by the Data Provider

Whenever DIAS data sets are 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.

"The DIAS data set is archived and provided under the framework of the Research Program on Climate Change Adaptation (RECCA), through the Ministry of Education, Culture, Sports, Science and Technology (MEXT)."

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