



NIAES 1km grid meteorological data in Hokuriku, Japan

1. IDENTIFICATION INFORMATION

Name	NIAES 1km grid meteorological data in Hokuriku, Japan
Metadata Identifier	JP_NIAES_MetData_1kmMesh_Hokuriku20230727072445-DIAS20221121113753-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

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5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

publication : 2014-04-01

7. DATASET OVERVIEW

7.1 Abstract

Daily 1km grid meteorological data for Hokuriku district of Japan.

Variables: Daily mean/maximum/minimum air temperature, precipitation, sun-shine duration, solar radiation, relative humidity, wind speed

This dataset is interpolated from daily AMeDAS observational station data by applying a reversed-distance weighing method to the deviations from the long-term averages of 1km grid data. The 1km grid data were interpolated from daily observational station data by using a multiple-regression model.

7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	1978-01-01
End Date	Under Continuation
Temporal Characteristics	Daily

7.4 Geographic Bounding Box

North latitude	bound	40
West longitude	bound	135
Eastbound longitude		140
South latitude	bound	35

7.5 Grid

Dimension Name	Dimension Size (slice number of the dimension)	Resolution Unit
column		0.0125 (deg)
row		0.008333 (deg)

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Surface Air Temperature, Surface Humidity, Surface Radiation Budget, Surface Wind Speed, Precipitation	GEO_COP

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

File download page in the DIAS : <https://data.diasjp.net/dl/storages/filelist/dataset:247>

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
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8. DATA PROCESSING

9. DATA REMARKS

10. DATA POLICY

10.1 Data Policy by the Data Provider

Whenever this data set is used for any academic presentations, and any publication of scientific results, the author(s) shall specify the following acknowledgement.

"Seino, Hiroshi, 1993, An estimation of distribution of meteorological elements using GIS and AMeDAS data. J. Agr. Met. Japan, 48, 379-383."

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

Seino, Hiroshi, 1993, An estimation of distribution of meteorological elements using GIS and AMeDAS data. J. Agr. Met. Japan, 48, 379-383.

