



NIAES station agro-meteorological data in Hokuriku, Japan

1. IDENTIFICATION INFORMATION

Name	NIAES station agro-meteorological data in Hokuriku, Japan
Metadata Identifier	JP_NIAES_MetData_MeteoCrop_AMeDAS_Hokuriku20220216175212-DIAS20220214155649-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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5. DATE OF THIS DOCUMENT

2022-02-16

6. DATE OF DATASET

publication : 2015-09-01

7. DATASET OVERVIEW

7.1 Abstract

Dataset:Daily agro-meteorological observational data at 55 AMeDAS stations in Hokuriku of Japan

Temporary coverage: 1978-present (2012)

Variables:daily mean/maximum/minimum air temperature, precipitation, pressure, relative humidity(average and minimum), vapor pressure, Vapor pressure deficit, wind speed, maximum wind speed, sun-shine duration, solar radiation, downward long-wave radiation, potential evaporation, FAO reference crop evapotranspiration, rice-paddy water temperature (LAI=0, infinite)

7.2 Topic Category(IS019139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	1978-01-01
End Date	Under Continuation

7.4 Geographic Bounding Box

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

7.5 Grid

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 Atmospheric Pressure (= surface pressure), Surface Radiation Budget, Precipitation, Surface Wind Speed	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:246>

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

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. LICENSE

12. DATA SOURCE ACKNOWLEDGEMENT

12.1 Acknowledge 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.

"Ku wagata T., M. Yoshimoto, Y. Ishigooka, T. Hasegawa, M. Utsumi, M. Nishmori, Y. Masaki, and O. Saito (2011) MeteoCrop DB: an agro-meteorological database coupled with crop models for studying climate change impacts on rice in Japan, *J. Agric. Meteorol.*, 67(4), 297-306."

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

1. Ku wagata T., H. Hamasaki, and T. Watanabe (2008) Modeling water temperature in a rice paddy for agro-environmental research, *Agric. Forest Meteorol.*, 148, 1754-1766.

2. Ku wagata T., M. Yoshimoto, Y. Ishigooka, T. Hasegawa, M. Utsumi, M. Nishmori, Y. Masaki, and O. Saito (2011) MeteoCrop DB: an agro-meteorological database coupled with crop models for studying climate change impacts on rice in Japan, *J. Agric. Meteorol.*, 67(4), 297-306.

This project is supported by "Data Integration & Analysis System" funded by MEXT, Japan