



# 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_Hokuriku20230727072405-DIAS20221121113753-en

## 2. CONTACT

### 2.1 CONTACT on DATASET

Name	Dr. Tsuneo Kuwagata
Organization	National Institute for Agro-Environmental Sciences, Agro-Meteorology Division
Address	3-1-3 Kanondai, Tsukuba-shi, Ibaraki, 305-8604, Japan
TEL	+81-29-838-8202
FAX	+81-29-838-8211
E-mail	kuwa@affrc.go.jp

Name	Dr. Yasushi Ishigooka
Organization	National Institute for Agro-Environmental Sciences, Agro-Meteorology Division
Address	3-1-3 Kanondai, Tsukuba-shi, Ibaraki, 305-8604, Japan
TEL	+81-29-838-8202
FAX	+81-29-838-8211
E-mail	isigo@affrc.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	Dr. Tsuneo Kuwagata
Organization	National Institute for Agro-Environmental Sciences, Agro-Meteorology Division
E-mail	kuwa@affrc.go.jp

Name	Dr. Yasushi Ishigooka
Organization	National Institute for Agro-Environmental Sciences, Agro-Meteorology Division
E-mail	isigo@affrc.go.jp

## 4. DATASET CREATOR

Name	Dr. Tsuneo Kuwagata
Organization	National Institute for Agro-Environmental Sciences, Agro-Meteorology Division
E-mail	kuwa@affrc.go.jp

Name	Dr. Yasushi Ishigooka
Organization	National Institute for Agro-Environmental Sciences, Agro-Meteorology Division
E-mail	isigo@affrc.go.jp

## 5. DATE OF THIS DOCUMENT

2023-07-27

## 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 &gt; 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

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## 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/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

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.