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# AMY Project JICA-Tibet UpperAir dataset

## 1. IDENTIFICATION INFORMATION

Name	AMY Project JICA-Tibet UpperAir dataset
Edition	rev2
Metadata Identifier	AMY_JICA_Tibet_UpperAir_dataset20230727071458-AMY20130909130838-DIAS20221121113753-en

## 2. CONTACT

### 2.1 CONTACT on DATASET

Name	JICA Tibet Project
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### 2.2 CONTACT on PROJECT

#### 2.2.1 Asian Monsoon Year Project

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#### 2.2.2 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

creation : 2014-11-07

## 7. DATASET OVERVIEW

### 7.1 Abstract

This dataset include JICA/Tibet Upper Air (Sonde , GPS Water Vapor, Wind profiler) observation.]

The 18 Sonde observaion stations, 24 GPS observation stations, and 1 Windprofiler stations are available.

Toward the reduction of meteorological disasters in East Asia including China and Japan as the overall goal, the purpose of the JICA/Tibet Project is to strengthen the operational weather forecasting system of China through the development of numerical weather prediction models importing data obtained by the quantitatively and qualitatively improved observation systems for the Tibetan Plateau and its eastern surrounds. The Project was divided into three phases: (1) a phase for establishing the observation system and developing prediction models (December 2005 September 2007), (2) a phase for operating the established system and improving the developed models (October 2007 August 2008), and (3) a phase for evaluating the performance of the observation system and prediction models (September 2008 June 2009).

Using the data obtained from the JICA/Tibet Project, a data system for data quality checking, data archiving and data searching was developed and established by the China Meteorological Administration (CMA) and Chinese Academy of Meteorological Sciences (CAMS). The data obtained from the JICA/Tibet Project open to science communities in accordance with the data policy of the Asia Monsoon Year (AMY) Project under the World Climate Research Plan (WCRP).

### 7.2 Topic Category(IS019139)

climatologyMeteorologyAtmosphere

environment

### 7.3 Temporal Extent

Begin Date	2007-12-31
End Date	2008-09-16

### 7.4 Geographic Bounding Box

North latitude	bound	33.576
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West longitude	bound	84.062
Eastbound longitude		107.507
South latitude	bound	23.376

## 7.5 Grid

## 7.6 Geographic Description

## 7.7 Keywords

### 7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Water, Disasters, Climate	GEOSS

### 7.7.2 Keywords on Project

#### 7.7.2.1 Asian Monsoon Year Project

Keyword Type	Keyword	Keyword thesaurus Name
place	Asia	Country

#### 7.7.2.2 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

## 7.9 Data Environmental Information

## 7.10 Distribution Information

name	version	specification
ASCII text	unknown	

# 8. DATA PROCESSING

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## 8.1 Data Processing (1)

### 8.1.1 General Explanation of the data producer's knowledge about the lineage of a dataset

### 8.1.2 Data Source

Data Source Citation Name	Description of derived parameters and processing techniques used
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## 9. DATA REMARKS

## 10. DATA POLICY

### 10.1 Data Policy by the Data Provider

The data obtained from the JICA/Tibet Project open to science communities in accordance with the data policy of the Asia Monsoon Year (AMY) Project.

1. No financial implications are involved for the AMY data exchange.
2. Commercial use and exploitation of AMY data is prohibited.
3. Any re-export or transfer of the original data received from the CDA archive to a third party is prohibited.
4. The origin of AMY data being used for publication of scientific results must be acknowledged and referenced in the publication.
5. AMY data users are strongly encouraged to establish direct contact with data providers for complete interpretation and analysis of data for publication purposes.
6. Co-authorship of data users and AMY Projects' Principle Investigators on papers making extensive use of AMY data is justifiable and highly recommended.

### 10.2 Data Policy by the Project

#### 10.2.1 Asian Monsoon Year Project

1. No financial implications are involved for the AMY data exchange.
2. Commercial use and exploitation of AMY data is prohibited.
3. Any re-export or transfer of the original data received from the CDA archive to a third party is prohibited.
4. The origin of AMY data being used for publication of scientific results must be acknowledged and referenced in the publication.
5. AMY data users are strongly encouraged to establish direct contact with data providers for complete interpretation and analysis of data for publication purposes.

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6. Co-authorship of data users and AMY Projects' Principle Investigators on papers making extensive use of AMY data is justifiable and highly recommended.

Whenever AMY data distributed by CDA are being used for publication of scientific results, the author(s) shall send a copy of the respective publication, preferably in electronic form, to the CDA in order to build up a AMY publication library. CDA will maintain this library and will make it public, for example via CDA's web site, for a continuous monitoring of the AMY data applications and AMY's achievements in general.

### 10.2.2 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

The dataset are used for any academic presentations, and any publication of scientific results, the author(s) shall specify the following acknowledgement

"The data set is archived and provided under the framework of the Japan China Meteorological Disaster Reduction Corporation Research Center (JICA/Tibet) Project"

### 12.2 Acknowledge the Project

#### 12.2.1 Asian Monsoon Year Project

Whenever AMY data distributed by the CDA are being used for publication of scientific results, the data's origin must be acknowledged and referenced. A minimum requirement is to reference AMY and the CDA. If only data from one observation site (or a limited number of observation sites) has been used, additional acknowledgement to the observation site(s) and its (their) maintaining institutions or organizations shall be given.

Maintaining continuous, high-quality measurements, performing quality and error checking procedures, and submitting data and related documentation to the CDA will require substantial financial and logistical efforts of the data providers. The necessary support for these observation site activities originate from a variety of international, national and institutional sources. The CDA shall make proper reference to all AMY data providers and, if required, to their funding sources.

#### 12.2.2 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

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developed and operated by a project supported by the Ministry of Education, Culture, Sports, Science and Technology. ”

## 13. REFERENCES

Journal of the Meteorological Society of Japan. Ser. II Vol. 90C(2012) : [https://www.jstage.jst.go.jp/browse/jmsj/90C/0/\\_contents](https://www.jstage.jst.go.jp/browse/jmsj/90C/0/_contents)