



# AMY Project MAHASRI-AMY dataset

## 1. IDENTIFICATION INFORMATION

Name	AMY Project MAHASRI-AMY dataset
Metadata Identifier	AMY_MAHASRI_AMY_dataset20181218113441-AMY20130909130838-DIAS20180903143952-en

## 2. CONTACT

### 2.1 CONTACT on DATASET

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

## 5. DATE OF THIS DOCUMENT

2018-12-18

## 6. DATE OF DATASET

creation : 2014-04-25

## 7. DATASET OVERVIEW

### 7.1 Abstract

This data set contains upper-air meteorological data observed at

(a) Pontianak (109.40° E, 0.0° S), Indonesia (20-27 Aug. 2008, 20 Jan.-07 Feb. 2009, and 19-26 Aug. 2010), and

(b) Bukittinggi (Kototabang, 100.32° E, 0.20° S, 865m), Indonesia (05-19 Dec. 2008, and 03-20 Dec. 2010)

under MAHASRI/AMY project.

### 7.2 Topic Category(IS019139)

climatologyMeteorologyAtmosphere

### 7.3 Temporal Extent

Begin Date	2008-08-20
End Date	2010-12-20
Temporal Characteristics	Every 3- or 6-hourly interval observation for several campaign observation periods (a week or a month)

### 7.4 Geographic Bounding Box

North latitude bound	0.0
West longitude bound	100.32
Eastbound longitude	109.40
South latitude bound	-0.20

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## 7.5 Grid

Dimension Name	Dimension Size (slice number of the dimension)	Resolution Unit
vertical		(hPa)

## 7.6 Geographic Description

## 7.7 Keywords

### 7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Atmosphere > Atmospheric Pressure > Atmospheric Pressure Measurements, Atmosphere > Atmospheric Temperature > Air Temperature, Atmosphere > Atmospheric Water Vapor > Humidity, Atmosphere > Atmospheric Winds > Wind Profiles	GCMD_science

### 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 > Data Integration and Analysis System	No_Dictionary

## 7.8 Online Resource

You can download this dataset from DIAS. : <https://data.diasjp.net/dl/storages/filelist/dataset:218>

Asian Monsoon Years site : <http://www.wcrp-amy.org/>

## 7.9 Data Environmental Information

## 7.10 Distribution Information

name	version	specification
ascii text file	1.0	

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## 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

Original radiosonde data set observed with the VAISALA DigiCORa system.

#### 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. USE CONSTRAINTS

### 10.1 Data Policy by Data Provider

### 10.2 Data Policy for 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.
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 it make 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

The terms of data use of data providers take first priority over the DIAS data usage policy. In the event a data provider has not established terms of use, the following DIAS project data terms of use apply.

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1. Users shall prioritize and abide by terms of use stipulated by a data provider in the event such exist
  2. The use of DIAS data sets is limited to research and educational purposes [\*1]
  3. Users shall not modify the content of DIAS data sets
  4. Users shall not provide the content of DIAS data sets to third parties
  5. In the event of using DIAS data sets in an academic presentation, paper, article, or report, etc., users shall cite in parenthesis the text given as the data citation
  6. In the event of using DIAS data sets in an academic presentation, paper, article, or report, etc., users shall submit a copy of the work (an offprint in the case of a paper, or a copy of the lecture summary in the case of an oral or poster presentation) to the DIAS office below

[\*1] Data sets whose commercial usage are allowed under the data policy by data provider will be also allowed to be used commercially as DIAS data sets, after ongoing preparation works have been completed. Please contact the DIAS Office for more details.

[DIAS Office]

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## 10.3 Disclaimer for Project

### 10.3.1 Asian Monsoon Year Project

### 10.3.2 Data Integration and Analysis System

1. DIAS data provider is not liable for any losses or any damage when DIAS data sets are used.
2. DIAS data and related information are subject to change without any prior notice.
3. DIAS data sets provided are not supported for any additional processing or analysis.

## 11 ACKNOWLEDGEMENT

### 11.1 Dataset Acknowledgement

Please include the following 'credit line' in the acknowledgments of your publication:

"Original data was collected and is provided by Research Institute for Global Change (RIGC), Japan Agency for Marine-Earth Science and Technology

(JAMSTEC) and Research Institute for Sustainable Humanosphere (RISH), Kyoto University."

### 11.2 Project Acknowledgement

#### 11.2.1 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

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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.

## 11.2.2 Data Integration and Analysis System

Whenever DIAS dataset is 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 dataset is archived and provided under the framework of the Data Integration and Analysis System (DIAS) funded by Ministry of Education, Culture, Sports, Science and Technology (MEXT).”

## 12. REFERENCES

Tabata, Y., H. Hashiguchi, M. K. Yamamoto, M. Yamamoto, M. D. Yamanaka, S. Mori, F. Syamsudin and T. Manik, 2011: Observational study on diurnal precipitation cycle in equatorial Indonesia using 1.3-GHz wind profiling radar network and TRMM precipitation radar. *J. Atmos. Solar Terr. Phys.*, 73, 1031-1042.

Wu, P.-M., M. D. Yamanaka and J. Matsumoto, 2008: The formation of nocturnal rainfall offshore from convection over western Kalimantan (Borneo) Island. *J. Meteor. Soc. Japan*, 86A, 187-203.

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