



# AMY Project MAHASRI-AMY dataset

## 1. IDENTIFICATION INFORMATION

Name	AMY Project MAHASRI-AMY dataset
Metadata Identifier	AMY_MAHASRI_AMY_dataset20230727070711-AMY20130909130838-DIAS20221121113753-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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## 3. DOCUMENT AUTHOR

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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

2023-07-27

## 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 &gt; 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. DATA POLICY

### 10.1 Data Policy by the Data Provider

### 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.
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.

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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

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."

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

## 13. 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.

