


AMY Project GRL- HyARC radiosonde dataset

1. IDENTIFICATION INFORMATION

Name	AMY Project GRL-HyARC radiosonde dataset
Metadata Identifier	AMY_GRL_HyARC_dataset20230727070948-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

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
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3. DOCUMENT AUTHOR

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4. DATASET CREATOR

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Organization	Hydrospheric Atmospheric Research Center, Nagoya University
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5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

creation : 2013-07-17

7. DATASET OVERVIEW

7.1 Abstract

radiosonde data obtained by "Global Research Laboratory (Pukyong National University - Nagoya University), Korea" "Hydrospheric Atmospheric Research Center, Nagoya University, Japan" collaborative research

7.2 Topic Category(IS019139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	2010-06-01
End Date	2010-06-16
Temporal Characteristics	Discontinuous

7.4 Geographic Bounding Box

North latitude bound	26.498
West longitude bound	127.845
Eastbound longitude	127.845
South latitude bound	26.498

7.5 Grid

Dimension Name	Dimension Size (slice number of the dimension)	Resolution Unit
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vertical	variable	less than 1 hPa (hPa)
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7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Atmosphere	GCMD_science
theme	Balloons/Rockets > RADIOSONDES	GCMD_platform
theme	ATMOSPHERIC COMPOSITION AND STRUCTURE > Pressure, density, and temperature	AGU
theme	Weather	GEOSS
theme	Upper Level Humidity, Upper Level Temperature, Upper Level Winds	GEO_COP
place	Asia > Eastern Asia > Japan	Country

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:222>

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

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
txt	1.0	

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

raw data

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

Show acknowledgements to the following organizations:

- Global Research Laboratory (Pukyong National University - Nagoya University), Korea
- Hydrospheric Atmospheric Research Center, Nagoya University
- Okinawa Subtropical Environment Remote-Sensing Center (present name: Okinawa Electromagnetic Technology Center), National Institute of Information and Communications Technology

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 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

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

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