CEOP CAMP Tibet Reference Site

1. IDENTIFICATION INFORMATION

Name	CEOP CAMP Tibet Reference Site
Metadata Identifier	CEOP_CAMP_Tibet20230727061536-DIAS20221121113753-en

2. CONTACT

2.1 CONTACT on DATASET

Name	Hirohiko Ishikawa
Organization	Disaster Prevention Research Institute, Kyoto University
Address	Gokasho, Uji, Kyoto , 611-0011 , Japan
TEL	+81-774-38-4159
FAX	+81-774-38-4158
E-mail	ishikawa@storm.dpri.kyoto-u.ac.jp

Name	Shigenori Haginoya
Organization	Physical Meteorology Research Depertment, Meteorological Research Institute, JMA
Address	1-1, Nagamine, Tsukuba, Ibaraki , 305-0052, JAPAN
TEL	+81-29-853-8706
FAX	+81-29-855-6936
E-mail	shaginoy@mri-jma.go.jp

Name	Toshio Koike
Organization	Department of Civil Engineering, The University of Tokyo
Address	7-3-1, Hongo, Bunkyo-ku, Tokyo, 113-8656, 113-8656
TEL	+81-3-5841-6105
FAX	+81-3-5841-6130
E-mail	tkoike@hydra.t.u-tokyo.ac.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	Hirohiko Ishikawa
Organization	Disaster Prevention Research Institute, Kyoto University
E-mail	ishikawa@storm.dpri.kyoto-u.ac.jp

Name	Shigenori Haginoya
Organization	Physical Meteorology Research Depertment, Meteorological Research Institute, JMA
E-mail	shaginoy@mri-jma.go.jp

Name	Toshio Koike
Organization	Department of Civil Engineering, The University of Tokyo
E-mail	tkoike@hydra.t.u-tokyo.ac.jp

4. DATASET CREATOR

Name	Hirohiko Ishikawa
Organization	Disaster Prevention Research Institute, Kyoto University
E-mail	ishikawa@storm.dpri.kyoto-u.ac.jp

Name	Shigenori Haginoya
Organization	Physical Meteorology Research Depertment, Meteorological Research Institute, JMA
E-mail	shaginoy@mri-jma.go.jp

Name	Toshio Koike
Organization	Department of Civil Engineering, The University of Tokyo
E-mail	tkoike@hydra.t.u-tokyo.ac.jp

5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

creation : 2010-05-06

7. DATASET OVERVIEW

7.1 Abstract

This data set contains the Coordinated Enhanced Observing Period (CEOP) Enhanced Observing Period 3 (EOP-3) and Enhanced Observing Period 4 (EOP-4) CEOP Asia-Australia Monsoon Project (CAMP) Tibet Hourly Surface Meteorology and Radiation Data Set. There are 12 stations included in this dataset. This dataset contains the entire EOP-3 and EOP-4 time period (i.e., 1 October 2002 through 31 December 2004).

7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	2002-10-01 00:00:00
End Date	2004-12-31 23:59:59
Temporal Characteristics	Hourly

7.4 Geographic Bounding Box

North bound latitude	31.230000
West bound longitude	84.050000
Eastbound longitude	93.780000
South bound latitude	35.520000

7.5 Grid

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Climate, Water	GEOSS

7.7.2 Keywords on Project

7.7.2.1 Data Integration and Analysis System

Keyword Type	Keyword	Keyword thesaurus Name
theme	DIAS > Data Integration and Analysis System	No_Dictionary

7.8 Online Resource

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/Amdo-Tower/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/Amdo-SMTMS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/ANNI-AWS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/BJ-SAWS1/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/BJ-SAWS2/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/BJ-SAWS3/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/BJ-SMTMS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/BJ-Tower/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/D105-AWS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/D105-DSTMS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/D105-SMTMS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/D110-AWS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/D110-SMTMS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/D66-AWS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/D66-SMTMS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/Gaize/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/MS3478-AWS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/MS3608-AWS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/MS3608-SMTMS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/MS3637-SMTMS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/Naqu-DSTMS/

: http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Tibet/Tuotuohe-SMTMS/

file download : https://data.diasjp.net/dl/storages/filelist/dataset:134

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
PRN	no information	CEOP Unified Format

8. DATA PROCESSING

9. DATA REMARKS

For all parameters, the data has been visually checked, looking for extremely and unusual low/high values and/or periods with constant values thorough the CAMP Quality Control Web Interface.

The quality control flags follow the CEOP data flag definition document.

10. DATA POLICY

10.1 Data Policy by the Data Provider

1. No financial implications are involved for the CEOP reference site data exchange.

2. Commercial use and exploitation of CEOP reference site 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 CEOP reference site data being used for publication of scientific results must be acknowledged and referenced in the publication.

5. CEOP reference site 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 CEOP reference site Principle Investigators on papers making extensive use of CEOP data is justifiable and highly recommended.

see http://www.eol.ucar.edu/projects/ceop/dm/documents/ceop_policy.html

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

A minimum requirement is to reference CEOP as:

The in-situ data is provided under the framework of the "Coordinated Energy and Water Cycle Observations Project (CEOP)."

for the Coordinated Energy and Water Cycle Observations Project data (2005), and as:

The satellite data is provided under the framework of the "Coordinated Enhanced Observing Period (CEOP)."

for the Coordinated Enhanced Observing Period data (2001 - 2004).

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

Original data was collected and is provided within the framework of GAME/CAMP Tibet Scientific and Technological Research Project, funded by the Ministry of Education, Culture, Sports, Science and Technology; the Japan Science and Technology Agency; the Frontier Research System for Global Change; the Japan Aerospace Exploration Agency; the Chinese Academy of Sciences; and the Chinese Academy of Meteorological Sciences.

H. Ishikawa and GAME-Tibet Boundary Layer Group, 2001: What has been known and what has not in GAME/Tibet BL observation, Proceedings of the Fifth International Study Conference on GEWEX in Asia and GAME, 691.

Ma, Yaoming, O. Tsukamoto, H. Ishikawa, Z. Su, M. Menenti, J. Wang and J. Wen, 2002: Determination of regional land surface heat flux densities over heterogeneous landscape of HEIFE integrating satellite remote sensing with field observations, Jour. Meteorol. Soc. Japan, 80(3), 485-501.

K. Tanaka, I. Tamagawa, H. Ishikawa, Y. Ma and Z. Hu, 2003: Surface energy and closure of the eastern Tibetan Plateau during the GAME-Tibet IOP 1998, J. Hydrology, vol. 283, pp. 169-183

K. Tanaka and H. Ishikawa, 2001: Long term monitoring of surface energy fluxes of the Amdo PBL site in the eastern Tibetan Plateau, Proceedings of the Fifth International Study Conference on GEWEX in Asia and GAME, 384-388.

Ueno, K., H. Fujii, H. Yamada and L. Liu, (2001) Weak and Frequent Monsoon Precipitation over the Tibetan Plateau. J. Meteor. Soc. Japan, 79, 1B, 419-434.

S. Haginoya, 2001: Seasonal and annual variation of heat balance

in the western Tibet, Proceedings of the International Workshop on

GAME-AAN/Radiation, Thailand, 63-66.

S. Haginoya, 2001: Study on the Surface Heat Balance in the Tibetan

Plateau - Precision of Bowen Ratio Method, Proc. of the 2nd

International Workshop on TIPEX/GAME-Tibet, Kunming, China.

J. Xu and S. Haginoya, 2001: An Estimation of Heat and Water

Balances in the Tibetan Plateau, J. Meteor. Soc. Japan, 79(1B), 485-504.