

Flux Richard N. Probe data provided by the University of Utah from the Playa site

FRNP-PL

Author(s):	Regarding data questions contact:
Eric R. Pardyjak Mailing address: 1495 E 100 S, Room 1011 MEK Bldg, Salt Lake City, UT, USA, 84112 Tel./Fax.: 801-585-6414/ 801-585-9826, E-mail and web: pardyjak@mech.utah.edu , http://mech.utah.edu/faculty/eric-pardyjak/	Mailing address: Tel./Fax.: / E-mail and web: ,

1.0 Data Set Overview

1.1 Time period covered by the data

The dataset provided covers October 2012, contact P.I. to receive further data from May 2013

1.2 Physical location (latitude, longitude, elevation)

40.134530, -113.4515598, 1296.6024170000001

1.3 Instrument type

Flux Richardson N. Probe

1.4 Data provider

University of Utah

1.5 Web address references

<http://www3.nd.edu/~dynamics/materhorn/>

https://www.eol.ucar.edu/field_projects/materhorn-x

2.0 Instrument Description

Hot wire cold wire Flux Richardson Number Probe located at the Playa IOS measurement site



2.1 Instrument website

2.2 Table of specifications

Accuracy	Range	Frequency	Resolution
Contact P.I. regarding this information	Contact P.I. regarding this information	Contact P.I. regarding this information	Contact P.I. regarding this information

3.0 Data Collection and Processing

3.1 Description of data collection

Hot wire cold wire measurements

3.2 Description of derived parameters and processing techniques used

Original data files are provided.

3.3 Description of quality assurance and control procedures

This dataset was not subject to any quality control or processing it has been provided in its original form.

3.4 Data intercomparisons

4.0 Data Format

4.1 Data file structure

4.2 File naming convention

Contact P.I. Regarding filenames convention

4.3 Data format

*.DAQ

4.4 Data layout

Contact P.I. Regarding data layout

4.5 List of parameters with units, sampling intervals, frequency, range

Consult with P.I.

4.6 Data version number and date

raw, v1.0, October 2016

4.7 Description of flags, codes used in the data, and definitions

4.8 Data sample

Sample dataset is not suitable for display in this document.

5.0 Data Remarks

5.1 PI's assessment of the data

This is a proprietary dataset, which requires interaction with the P.I. responsible for this dataset. Please direct any questions to the dataset P.I.

5.2 Missing data periods

5.3 Software compatibility

6.0 References

- [1] Fernando, H. J. S., E. R. Pardyjak, S. Di Sabatino, F. K. Chow, S. F. J. DeWekker, S. W. Hoch, J. Hacker, J. C. Pace, T. Pratt, Z. Pu, J. W. Steenburgh, C. D. Whiteman, Y. Wang, D. Zajic, B. Balsley, R. Dimitrova, G. D. Emmitt, C. W. Higgins, J. C. R. Hunt, J. G. Kniervel, D. Lawrence, Y. Liu, D. F. Nadeau, E. Kit, B. W. Blomquist, P. Conry, R. S. Coppersmith, E. Creegan, M. Felton, A. Grachev, N. Gunawardena, C. Hang, C. M. Hocut, G. Huynh, M. E. Jeglum, D. Jensen, V. Kulandaivelu, M. Lehner, L. S. Leo, D. Liberzon, J. D. Massey, K. McEnerney, S. Pal, T. Price, M. Sghiatti, Z. Silver, M. Thompson, H. Zhang, T. Zsedrovits, 2015: The MATERHORN – Unraveling the Intricacies of Mountain Weather, BAMS, doi: <http://dx.doi.org/10.1175/BAMS-D-13-00131.1>.