



Wakasa Bay Weather Forecast Maps, Version 1

USER GUIDE

How to Cite These Data

As a condition of using these data, you must include a citation:

Wilheit, Jr., T. 2010. *Wakasa Bay Weather Forecast Maps, Version 1*. [Indicate subset used].

Boulder, Colorado USA. NASA National Snow and Ice Data Center Distributed Active Archive Center.

<https://doi.org/10.5067/K0Y3WJILZO5Y>. [Date Accessed].

FOR QUESTIONS ABOUT THESE DATA, CONTACT NSIDC@NSIDC.ORG

FOR CURRENT INFORMATION, VISIT <https://nsidc.org/data/NSIDC-0462>



National Snow and Ice Data Center

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1 DETAILED DATA DESCRIPTION

1.1 Format

The files are in Graphics Interchange Format (GIF).

1.2 File Naming Convention

Files are named according to the following convention and as described in Table 1:

MMM_DD_06z_precip_sfc_XXX.gif

Where:

Table 1. File Naming Convention

| Variable | Description |
|-----------|---|
| MMM | 3-digit month of forecast date |
| D (or DD) | 1-digit day or 2-digit day of forecast date |
| 06z | UTC time |
| precip | precipitation |
| sfc | surface |
| XXX | hours from start of model run |
| .gif | indicates this is a GIF file |

Example: feb_8_06z_precip_sfc_048.gif

1.3 File Size

File sizes range from 44 to 61 KB.

1.4 Volume

The volume of data files is approximately 5 megabytes.

1.5 Spatial Coverage

Southernmost Latitude: 17° N

Northernmost Latitude: 48° N

Westernmost Longitude: 100° E

Easternmost Longitude: 160° E

1.6 Temporal Coverage

The weather forecast maps span from 03 January 2003 to 09 February 2003.

1.7 Parameter or Variable

The weather forecast maps depict surface winds, sea level pressure, precipitation amounts, and pressure thickness.

1.7.1 Sample Data Record

The following image is the Wakasa Bay forecast map for 01 February 2003.

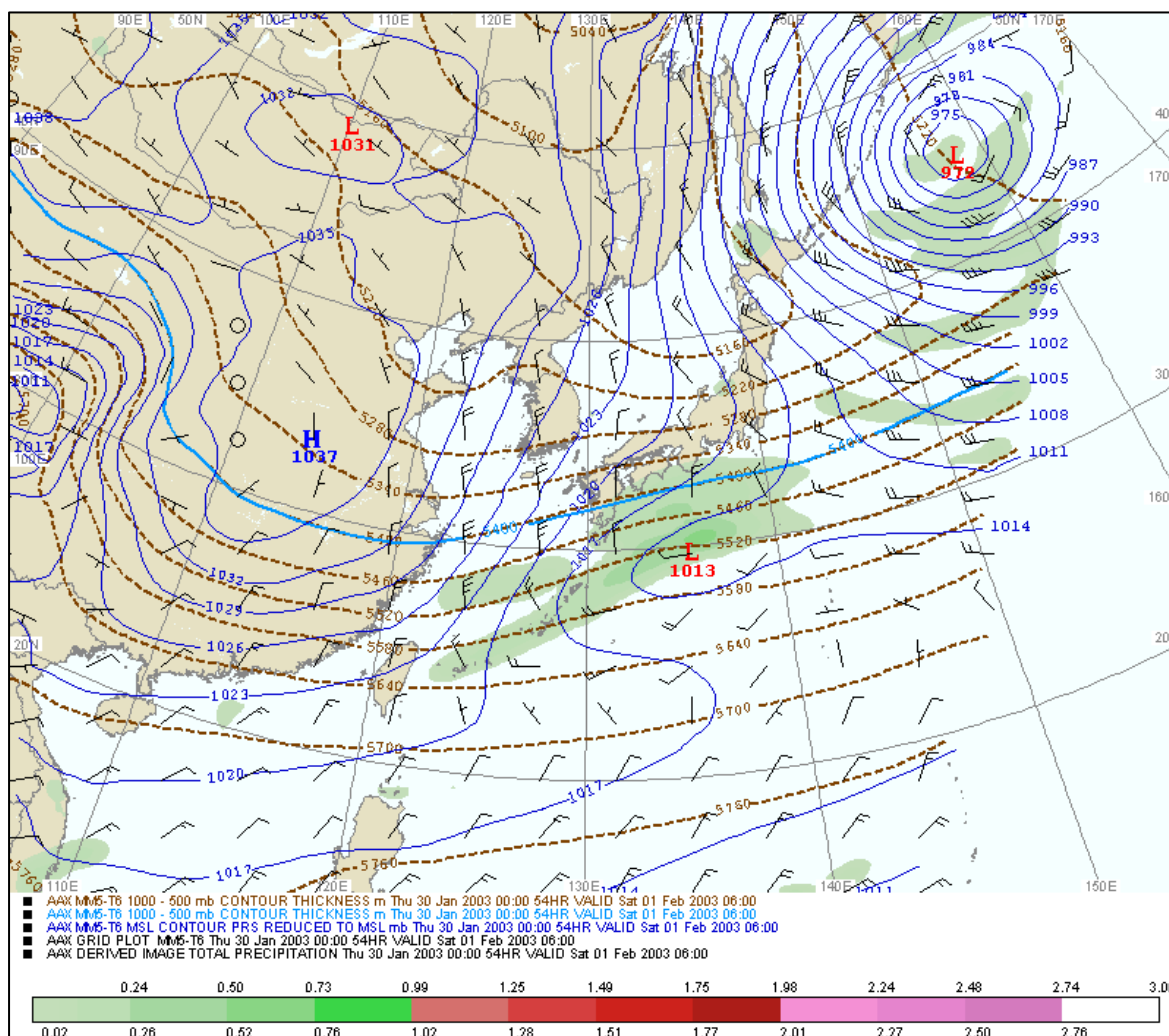


Figure 1. Sample Image

2 SOFTWARE AND TOOLS

2.1 Software and Tools

An image viewing program which recognizes the GIF file format is recommended to view these images.

3 REFERENCES AND RELATED PUBLICATIONS

Kummerow, C., W. Barnes, T. Kozu, J. Shiue, and J. Simpson. 1998. The Tropical Rainfall Measuring Mission (TRMM) Sensor Package. *J. Atmos. Oceanic Technol.* 15:3 809-817.

Im, E. Durden, S. L. Haddad, Z. S. Sadowy, G. Berkun, A. Huang, J. Lou, M. Lopez, B. C. Rahmat-Samii, Y. Rengarajan. 2000. Second-Generation Spaceborne Precipitation Radar, Geoscience and Remote Sensing Symposium, 2000. Proceedings. IGARSS 2000. IEEE 2000 International. Vol. 3. pp. 1361-1363.

Durden, S. L., E. Im, F. K. Li, W. Ricketts, A. Tanner, and W. Wilson. 1994. ARMAR: An Airborne Rain Mapping Radar. *J. Atmos. Oceanic Technol.* 11:3 727-737.

Sadowy, G. A., A. C. Berkun, W. Chun, E. Im, and S. L. Durden. 2003. Development of an Advanced Airborne Precipitation Radar. *Microwave J.* vol. 46, no. 1, pp. 84-98.

3.1 Related Data Collections

[AMSR-E Validation Data](#)

[AMSR-E Data at NSIDC](#)

[Millimeter-wave Imaging Radiometer \(MIR\) Brightness Temperatures, Wakasa Bay, Japan](#)

4 CONTACTS AND ACKNOWLEDGMENTS

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5 DOCUMENT INFORMATION

5.1 Publication Date

05 April 2010

5.2 Date Last Updated

December 2020