National Centers for Environment Information

DATA DOCUMENTATION

FOR

DATASET 3450 (DSI-3450)
Daily Summary Observations - Misawa Japan

September 28, 2016

National Centers for Environmental Information
151 Patton Ave.
Asheville, NC 28801-5001 USA

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1. **Abstract:** Summary of the Day Observations - Misawa Japan is a collection of data summarizing daily weather observations taken at Misawa Naval Air Station, near the north end of the main Japanese island of Honshu. Misawa is assigned WBAN station ID 44402. The dataset consists of a single ASCII file containing the period of record 9 April 1948 through 31 December 1971. Elements include daily rainfall, snowfall, snow depth, snow water equivalent, humidity, maximum/minimum/mean temperature, peak wind gust/direction/time, and number of hours in which fog was present.

2. **Element Names and Definitions:**

The data are organized in three lines per month:

Line 1: 1st-10th
Line 2: 11th-20th
Line 3: 21st-end of month

Each row begins with a 15 character lead:

34XX44402YYMM#D

34XX appears to = DSI 34XX (since merged into 3450)
44402 = WBAN Station ID for Misawa
YYMM = Year (last two digits) and month
#D= number of days in the row

Following this lead are 69 characters per day, containing the data for each day as follows:

Element Name	Description	Format & Length
Day	01, 02, 03, ... 31	Integer, 2
Precipitation	Inches and hundredths If final space = { , value = Trace	String, 4
Peak Wind Direction	16 point WBAN code, see after this table for values	Integer, 3
Peak Wind Gust	Knots	Integer, 2
Maximum Temperature	Degrees Fahrenheit final digit alpha {=0,A=1...I=9	String, 3
Minimum Temperature	Degrees Fahrenheit final digit alpha {=0,A=1...I=9	String, 3
Mean Temperature	Degrees Fahrenheit final digit alpha {=0,A=1...I=9	String, 3
Unknown	V or M or Blank, meaning not known	String, 1
Snow Depth	Whole inches	Integer, 3
Snowfall	Inches and tenths If tenths space = { , value = Trace	Integer, 3
	Nine Blank spaces	N/A, 9
Peak Wind Gust Time	Hours and tenths	Integer, 3
Unknown	Always 0s or 1s	Integer, 7
Unknown	Always 0, 1, or Blank, meaning not known	Integer, 1
Hours of Fog (Light)	00, 01, 02, ... 23, 24	Integer, 2

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Hours of Fog (Moderate)	00, 01, 02, ... 23, 24	Integer, 2
Hours of Fog (Heavy)	00, 01, 02, ... 23, 24	Integer, 2
Maximum Humidity	Percent	Integer, 3
Minimum Humidity	Percent	Integer, 3
	Six Blank spaces	N/A, 6
Snow Water Equivalent	Inches and hundredths If final space = { , value = Trace	String, 4
End of Day Delimiter	\	

WIND DIRECTION CODE (Used for Peak Wind Direction)
 (16 Point WBAN Code)

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12 = NNE    66 = SW
22 = NE     76 = WSW
32 = ENE    77 = W
33 = E      78 = WNW
34 = ESE    88 = NW
44 = SE     18 = NNW
54 = SSE    11 = N
55 = S      00 = Calm
56 = SSW       = Unknown
```

After each day,

3.   **Start Date:** 19480409

4.   **Stop Date:** 19711231

5.   **Coverage:**

      a. Latitude: 40.7N
      b. Longitude: 141.3E

6.   **How to Order Data:**

      Ask NCEI's Climate Services about the cost of obtaining this data set.
      Phone: 828-271-4800
      FAX: 828-271-4876
      E-mail: **NCDC.Orders@noaa.gov**

7.   **Archiving Data Center:**

      National Centers for Environmental Information
      151 Patton Avenue
      Asheville, NC 28801

8.   **Technical Contact:**

      National Centers for Environmental Information
      151 Patton Avenue
      Asheville, NC 28801

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9. **Known Uncorrected Problems**: None.

10. **Quality Statement**:

11. **Essential Companion Datasets**:

12. **References**: