



Electronic Raingage, Field Form and Precipitation Data

Items needed:

- Field form - NTN Field Observer Report Form (FORF) or MDN Observer Form (MOF) for current week's sample
- Computer with internet access

Instructions:

Enter Precipitation Data on the field form (FORF or MOF)

1. Electronic raingage data are processed automatically upon receipt and will be available from the URL listed below. If data for the current week are not available when the URL is accessed, verify the following:
 - a. Confirm the email was sent (check the Sent items folder).
 - b. Confirm the file was attached to the sent email.
 - c. Confirm the file has the correct file extension. PDA files are .xml, and Flash Drive (SC115) and LoggerLink are .dat.
 - d. If data are still not available, please contact the NADP Site Liaison. There may be a problem with the automation script.

<http://nadp.slh.wisc.edu/precip>

2. To view data from an individual site:
 - a. Select Site ID. Only sites with available electronic raingage data are listed.
 - b. Choose the time display format (Standard, Daylight Savings, or UTC).
 - c. Click on the sample start and end dates (from the field form) on the calendar.
 - d. Choose the sample start and end times (from the field form) from the dropdown boxes.
 - e. Select Daily from Data Tables box.
 - f. Click on the **View Data** button

National Atmospheric Deposition Program
Preliminary Data, Subject to Revision

Site ID: WI06 Time Format: Standard Time

Available Data Range at WI06:
1/31/2019 6:00:00 PM - 4/9/2019 3:30:00 AM
Central Standard Time (UTC-6)

Sample Start Sample End

| Mar | April 2019 | | | | | May | Mar | April 2019 | | | | | May |
|-----|------------|-----|-----|-----|-----|-----|-----|------------|-----|-----|-----|-----|-----|
| Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| 31 | 1 | 2 | 3 | 4 | 5 | 6 | 31 | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 1 | 2 | 3 | 4 | 28 | 29 | 30 | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

9:00 AM 9:00 AM

Plots
 Precipitation
 Bucket Weight
 Temperature
 Optical Sensor
 NTN Collector
 MDN Collector
 Not used

Data Tables
 Daily
 Hourly
 Raw (15 min)

NTN Collector
 MDN Collector
 Not used

Plot Data View Data

Version 2.0 (2008-6-13)

National Atmospheric Deposition Program

Site ID: WI06
 Daily data from 04/02/2019 09:05 to 04/09/2019 09:00 (UTC-6)
 Coll1 = NTN, Coll2 = MDN

| Date | Precip (in) | Act Depth (in) | Particle Counts | Min Volt | Min Temp (C) | Max Temp (C) | Coll 1 Volts | Coll 1 Cycles | Wet Exp 1 (hrs) | Dry Exp 1 (hrs) | Missed Exp 1 (hrs) | Coll 2 Volts | Coll 2 Cycles | Wet Exp 2 (hrs) | Dry Exp 2 (hrs) | Missed Exp 2 (hrs) | Data Completeness (%) |
|------------|-------------|----------------|-----------------|----------|--------------|--------------|--------------|---------------|-----------------|-----------------|--------------------|--------------|---------------|-----------------|-----------------|--------------------|-----------------------|
| 2019-04-02 | 0.00 | 9.41 | 607 | 13.33 | -2.53 | 12.53 | 13.11 | 1 | 0.10 | 0.01 | 0.04 | 13.10 | 1 | 0.10 | 0.00 | 0.04 | 100.00 |
| 2019-04-03 | 0.00 | 9.35 | 1 | 13.34 | -2.57 | 17.99 | 13.12 | 0 | 0.00 | 0.00 | 0.00 | 13.10 | 0 | 0.00 | 0.00 | 0.00 | 100.00 |
| 2019-04-04 | 0.00 | 9.31 | 2021 | 13.34 | 4.73 | 7.88 | 13.12 | 62 | 1.01 | 0.86 | 1.07 | 13.11 | 77 | 1.44 | 2.23 | 0.64 | 100.00 |
| 2019-04-05 | 0.00 | 9.31 | 11 | 13.34 | 4.73 | 18.46 | 13.12 | 0 | 0.00 | 0.00 | 0.00 | 13.11 | 0 | 0.00 | 0.00 | 0.00 | 100.00 |
| 2019-04-06 | 0.00 | 9.31 | 5 | 13.35 | 7.49 | 20.64 | 13.14 | 0 | 0.00 | 0.00 | 0.00 | 13.12 | 0 | 0.00 | 0.00 | 0.00 | 100.00 |
| 2019-04-07 | 0.23 | 9.46 | 25634 | 13.34 | 5.29 | 18.12 | 13.13 | 22 | 2.78 | 0.31 | 0.58 | 13.11 | 28 | 3.03 | 0.51 | 0.33 | 100.00 |
| 2019-04-08 | 0.00 | 9.43 | 16 | 13.34 | 2.76 | 25.58 | 13.13 | 0 | 0.00 | 0.00 | 0.00 | 13.11 | 0 | 0.00 | 0.00 | 0.00 | 100.00 |
| 2019-04-09 | 0.00 | 9.37 | 1 | 13.34 | 3.64 | 16.51 | 13.13 | 0 | 0.00 | 0.00 | 0.00 | 13.11 | 0 | 0.00 | 0.00 | 0.00 | 38.89 |
| Totals: | 0.23 | | | | | | | 85 | 3.89 | 1.17 | 1.69 | | 106 | 4.57 | 2.73 | 1.01 | |

Warning: Less than 100% data completeness occurred on at least one day. Please view the raw data and/or the plots to determine the validity of the data

- Enter the daily precipitation amounts in the Daily Data Table in Block 7 (**Precipitation Record**) of the field form. If no precipitation occurred one a particular day, circle “Z” (zero). If the precipitation record is missing for a particular day, circle “MM” (missing). With the electronic raingage “T” (trace) will never be circled. This designation is used with the old Belfort B5-780 raingage. It is used to indicate an increase in the precipitation trace that is less than 0.01 inches.

7. PRECIPITATION RECORD *All sites must circle Precipitation Type*

← Bucket On R – Rain Only (Includes Hail) S – Snow Only M – Mixture U – Unknown Bucket Off →

| Type | TUES | | WED | | THURS | | FRI | | SAT | | SUN | | MON | | TUES | | | |
|-------------------------------|------|---|-----|---|-------|----|-----|---|-----|---|-----|----|-----|---|------|---|---|----|
| circle one → | R | S | M | U | R | S | M | U | R | S | M | U | R | S | M | U | | |
| Amount Inches or circle one → | Z | T | MM | Z | T | MM | Z | T | MM | Z | T | MM | Z | T | MM | Z | T | MM |

Z – Zero T – Trace (Circle Type) MM – Missing

Sample Weight (grams)
 X 0.00058 inches/gram = ← Do these values agree within 5%? → 2 3
 Sample Depth (inches) YES NO (if no, reweigh) Total Raingage Depth (inches)

E-gage sites: Please submit your electronic raingage data promptly after shipping this sample.

Block 7 (Precipitation Record) from the (NTN) FORF.

7. PRECIPITATION RECORD

R – Rain Only (includes Hail) S – Snow Only M – Mixture U – Unknown

| Type | MON | | TUE | | WED | | THU | | FRI | | SAT | | SUN | | MON | | TUE | | WED | | |
|----------------------|-----|---|-----|---|-----|----|-----|---|-----|---|-----|----|-----|---|-----|---|-----|----|-----|---|----|
| Circle one | R | S | M | U | R | S | M | U | R | S | M | U | R | S | M | U | R | S | M | U | |
| Inches or Circle one | Z | T | MM | Z | T | MM | Z | T | MM | Z | T | MM | Z | T | MM | Z | T | MM | Z | T | MM |

Z - Zero T - Trace MM - Missing

Total Precipitation 2 3

Block 7 (Precipitation Record) from the (MDN) MOF.