USE YOUR IMAGINATION™

Blue Book

EXAMINATION BOOK

BOX NO. _____

NAME Willowbrook MET Station

SUBJECT _____

CLASS _____

SECTION _____

INSTRUCTOR _____

DATE 11/13/2018

8.5" x 7" 8 LEAVES 16 PAGES

ROARING SPRING® PAPER PRODUCTS
ROARING SPRING, PA 16673

11/13/18 11/13/18 ~~SH~~

~~11/27/18~~ S. Hamilton

B. Qazzaz

- Set up MET station on roof of 600 Joliet Rd, Willowbrook, IL
  41.747404, -87.938202
- Installed:

		cert date
466A	SN D2462	11/6/18
50.5	SN D2866	10/29/18
ADA 608	SN D2582	11/8/18

- 466A was reset
- Declination set -3.7
- confirmed ADA was updating
- raised sensors and confirmed readings were updating and seemed reasonable with current MET observations

Start data collection ≈ 12:00

(2)

11/14/18
MARTA FUOZO
- 11 AM: OPENED MET ONE AUTO MET DATALOGGER TO CHECK IF MET DATA WAS LOGGING. CONFIRMED WIND SPEED AND WIND DIRECTION RUNNING AND LOGGING

11/19/18 S. Hamilton
- checked operation & downloaded data
- put data on thumb drive & emailed to Jackie.

11/26/18 M. Compher
- checked on operation of MET station. No visible signs of power. Unplugged extension cord to attemp reset. No resolution. Requested that Scott check on station.

11/26/18 S. Hamilton

- Arrived and found 466A was making clicking noise as if a button was stuck.
- Unplugged power connector, waited 2-3 minutes and plugged back in. 466A came back on & looked normal.
- Downloaded data. 466A lost power on 11/22/18 according to the data
- Will bring data back to office & call MET one to discuss to problem.

11/29/18 J. Coughlin

- Arrived and downloaded data up until 11/29/18 ~11:00 - Verified met data was continuing to be logged following data retrieval.

(4)

12/11/18 J. Coughlin, sunny, ~28°F
- retrieving met data up through 12/11/18
- checked met logger, records changing, verified to be working properly

12/19/18 C. McEvoy & M. Fusco sunny, ~40°F
- retrieve met data after power reset
- checked met logger, records changing
retrieve data to December 19th.
- Logger operating, collecting data

1/23/19 M. COMPTON + J. NWIA CLOUDY W/ WET SNOW ~31°F
- data logger was not operating (last checked on 1/18/19 + logger operating)
- unplugged various units + restarted which corrected the problem
- Data downloaded from 11/13/18 on
- no data lost except 1 hour to retrieve + repair.

1/28/19 M. Compher & J. NWIA Cloudy snowy & light drizzle ~ 34°F.
- Michael went on roof to check on met equipment to ensure it continues to operate.
- Met & data logger are operational.
- No data downloaded

JN 1/28/19

2/3/19 NWIA & ~~QAZ ZAZ~~ went to roof to download met data.
Cloudy ~ 45°F
Met thermy (2/3/19 12PM) downloaded successfully

JN

2/7/19 SH 2/8/19

~~2/9/19~~ S. Hamilton 11:10 Am
downloaded Data and reset memory had to reset power on logger after download verified records are changing and MET is working.

2/8/19 S. Hamilton
Checked MET @ 9:00 and was no readout on screen. Reset by unplugging and waiting approx 5 min. MET came back on @ 11:15 after we completed canister deployment.

2/9/19 S. Hamilton
Checked MET @ 11:15 and all is well. Confirmed numbers changing an 207 days of memory left.

2/11/19 S. Hamilton checked MET @ 11:20. Looks normal. Numbers updating. Will download data tomorrow after sample retrieval.

S. Hamilton

2/12/19 11:00 Tried downloading data. Could connect but only getting misc. characters. See characters but not data on laptop. Contacted MET One. They are consulting engineer. Logger will not reset. Unplugged and left it unpowered for 5 minutes Logger rebooted & now looks normal. Checked readings & look normal. Logger seems normal but will require additional service to get data off.

Depart 12:26

2/14/19 J. NWIA

Scott Hamilton ~~downloaded~~ JM 12/15/19 arrived at 9:45am and downloaded all data using a new RS232 to USB adapter. all equipment runing well. JM 12/15/19

(8)

3/17/19 S. Hamilton @ 0900
download data & check MET
Station. No problems observed.

10/24/19 J. NWIA @ 10:37am
Removed all Met Equipment from
Roof of COOP/EPA Bldg in Millbrook
and dropped off in Lab/storage
room.