

<b>ARCS PROCEDURE:</b>  Author: J. Mather	<b>BBSS: ACCESSING INITIAL SMET LAUNCH DATA</b>	<b>PRO(BBSS)-005.000</b>  February 18, 1999 Page 1 of 4
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## BBSS: Accessing Initial SMET Launch Data

### I. Purpose:

The purpose of this procedure is to document the process of running the code WINDINIT.BAT which retrieves an ASCII file from ADaM to provide the on-site Observers with meteorological data (wind, temperature, pressure, and humidity) needed to initialize.

### II. Cautions and Hazards:

None.

### III. Requirements:

None.

### IV. Procedure:

ADaM retrieves one minute of data from the SMET datalogger. This file includes wind data that is used to initialize the sonde data. The DOS batch program WINDINIT.BAT retrieves this ASCII file from ADaM.

#### A. Running WINDINIT.BAT:

1. A few minutes after turning ON the DigiCORA, log onto the observer laptop computer in the E-Van (brings up the Windows NT display).  
**Note:** To run WINDNINT.BAT you need a DOS command window.
2. Look for a flag with the word **START** in the lower left corner of the screen.
3. Select **START** by positioning the mouse cursor over the **START** button and clicking the left mouse button.
4. View a menu that includes a selection **PROGRAMS**.
5. Click on **PROGRAMS**.
6. View menu and select **COMMAND PROMPT**.
7. View black, rectangular window with the following command prompt:  
**C:\>**
8. Move the directory containing the program WINDINIT.BAT to the **D** drive.
  - Ensure that the command window is active by positioning the cursor anywhere within the black command window and clicking with the left mouse button.
  - Move to the **D:** drive by typing: **d: <return>**

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- Move to the winds directory under **twpsst** (TWP site science team): **cd \twpsst\winds <return>**
- Run WINDNINT.BAT by typing: **windinit <return>** (retrieves a file with a name of the form: winds.yyyymmddttt.dat; yyyy = 4 digit year, mm = 2 digit month, dd = 2 digit day; 5555 = 4 digit time, e.g., 9:35 ==> 0935).

**Note:** The file contains wind speed (wsp) and direction (wdir) for both SMET anemoneters and several other SMET variables and includes 1-second data; you obtain a value for the DigiCORA by scanning the file and selecting typical values.

**Note:** The variables needed for the BBSS are wind speed, wind direction, surface temperature, surface pressure, and relative humidity.

9. When necessary, close the command window by typing: **exit <return>**.

## B. Alternate Process for Viewing the SMET File through Windows NT "Explorer":

1. Bring up Windows Explorer:

### First Method

- View a row of icons across the top of the computer screen.
- Position the cursor on the icon that looks like a file folder with a magnifying glass on top of it and click the left mouse button.
- View the Windows Explorer display.

OR

### Second Method

- Move cursor to lower left hand corner of screen.
- Look for a flag with the word **START** in the lower left corner of the screen.
- Select **START** by positioning the mouse cursor over the **START** button and clicking the left mouse button.
- View menu and click on **PROGRAMS**.
- Click on "folder with magnifying glass" icon with the words "Windows NT Explorer" next to it (about halfway down the PROGRAMS menu) (brings up Explorer).

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2. After Windows Explorer started, view the left half of this display which looks like a series of file folders.
3. If you do not see any folders, perform the following steps:
  - View an icon that says **MY COMPUTER**, position cursor on it, and double-click with left-mouse button (should view the file folder).
  - Scroll up and down this display by clicking on the up or down arrows found at the top and bottom of the right edge of this half of the display).
4. Scroll until you see an icon (picture) next to **D:**
5. Position cursor over **D:** and click the left mouse button.
6. View the right half of the Explorer display of several folders.
7. Position the cursor on the folder labeled **twpasst** and again click the mouse.
8. Position the cursor on the folder labeled **WINDS** and again click the mouse.
9. View a list of files in the director **d:\twpasst\winds** where you typed the **WINDINIT** command.
10. Select (position the cursor on the desired file and double-click) the file with the data and time corresponding to the sonde you wish to view.
11. Position cursor on desired file name and double click the left mouse button (opens the file with the **NOTEPAD** program, a text file viewer).
12. If desired, change the size of the Notepad window by positioning the cursor on one of the four corners of the display, simultaneously click and hold down the left mouse button and drag the corner to increase or decrease the size of the window.
13. If necessary, scroll through the file by clicking the “up” or “down” arrows at the right side of the window or by positioning the cursor on the bar between these arrows and holding down the left mouse button and dragging it up or down.
14. If necessary, close the file by clicking once on the black line found on a button located in the upper right corner of the notepad; click on the square again to restore it to its former size.
15. When necessary, close the file by following the steps below:

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- Position the cursor over the word **FILE** located at the top left of the Notepad display.
- Click with the left mouse button (this brings up a menu).
- Position the cursor over **EXIT** and click the left mouse button.
- Or position the cursor on the **X** in the upper right corner of the display and click the left mouse button.

**V. References:**

- 1 PRO(BBSS)-002, TWP BBSS Launch Operation.

**VI. Attachments:**

None.