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STATE AND COUNTY USERS MANUAL FOR THE
METEOROLOGICAL/RADIOLOGICAL COMPUTER SYSTEM.



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ATTACHMENT I	Volume II Meteorological, Radiological Effluent and Dose Reporting System (Model Formulation)



HOW TO DIAL IN

1. Make sure power is applied to the Racal-Vadic Modems and the terminals (VT640 or GE Terminet 200) that you wish to dial in on.
2. Place the Racal-Vadic Modem switches in the following positions:
 - a. FA - This is a spring loaded switch and will be in the correct position.
 - b. HS - Push back for 1200bps and pull forward for 300bps use. The meteorological computer will accept either bit rate. The technical bit rate must match the modem bit rate.
 - c. DA/VO/HA - place in the VO position.
3. Dial the following telephone number: 315-349-2020
A tone will be heard.
4. On the Racal-Vadic Modem, move the DA/VO/HA switch from the VO to DA position. The switch will remain in this position until the computer session is ended.
5. Follow the instructions given on the page titled "How to Log In".
6. When the computer session is completed, log off by typing "O"
<CR> and move the Racal-Vadic Modem DA/VO/HA switch from the DA to VO position.
7. Report any problems to the System Manager or Computer Department at Nine Mile Point - (315-349-2470).

<CR> = Return Key

HOW TO LOG IN

I. VT640 (Video Display)

- A. Make sure power is applied to the VT640. A flashing cursor will be in the upper left hand corner on the display if the power is on. If the cursor is not present, pull up on the switch located in the back of the VT640. An audible tone will sound and the cursor will appear shortly.
- B. Press the "Return" key. The computer will respond as follows:

 USERNAME: _____ (Type in USERNAME) <cr>
 PASSWORD: _____ (Type in PASSWORD) <cr>

 "Welcome to the Niagara Mohawk VAX/VMS System"
- C. If "User Authorization Failure" is displayed on the VT640, an incorrect password or username has been entered. Re-try Step B. If it appears again, see the System Manager or contact the Computer Department.
- D. A menu will be displayed if all information is entered correctly. Choose the information desired.
- E. To log off, Type "0" <cr>
- F. Report any problems to the System Manager or Computer Department.

II. TERMINET 200 KSR (Hardcopy)

- A. Make sure power is applied to the Terminet 200. The "power on", "motor on" and "ready" lights will be on steadily. If the "ready" light is flashing or the "alarm" light is on, contact the Computer Department.
- B. Press the "Return" key. The computer will respond as follows:

 USERNAME: _____ (Type in USERNAME) <cr>
 PASSWORD: _____ (Type in PASSWORD) <cr>

 "Welcome to the Niagara Mohawk VAX/VMS System"
- C. If an incorrect username or password is entered a "user authorization failure" message will be printed. Re-try Step B. If another failure occurs, see the System Manager or contact the Computer Department.
- D. A menu will be printed if all information is entered correctly. Choose the information desired.
- E. To log off type 0 <cr>
- F. Report any problems to the System Manager or Computer Department
 < CR > = return key.

HOW TO GENERATE METEOROLOGICAL REPORTS

- A. Log in to the system on a VT640 or Terminet 200 Printer (see "How to Log in" and "How to Dial In" Instructions).
- B. After the menu is displayed - Type "1" <cr>.
- C. Type either "1" <cr> for viewing on VT640 or "2" <cr> for a hardcopy printout.
- D. Choose the Meteorological Tower Site desired and <cr>.
- E. Choose the Meteorological Parameter desired and <cr>.
- F. Repeat steps D and E until all desired Meteorological Towers and parameters are chosen.
- G. To obtain the Meteorological Reports - Type "8" <cr>.
- H. Enter the starting date of the reports in the correct format <cr>.
- I. Enter the ending date of the reports in the correct format <cr>.
- J. The report(s) will be output to the chosen device in step c above.
- K. To log off type "0" <cr>.
- L. Report any problems to the System Manager or Computer Department.

<cr> = return key.

HOW TO GENERATE METEOROLOGICAL PLOTS

NOTE: Meteorological plots must be generated on a VT640 Video Display.

- A. Log in to the system on a VT640 (see "How To Log In" and "How to Dial In" instructions).
- B. After the menu is displayed type "2" <cr>.
- C. Type either "1" <cr> for single variable plot or "2" <cr> for a double variable plot.
- D. Choose the Meteorological Tower desired and <cr>.
- E. Choose the Meteorological parameter desired and <cr>.
- F. Choose the length of time the plot is to cover and <cr>.

 1 minute = 61 minute plot
 15 minute = 15 hour 15 minute plot
 60 minute = 73 hour plot
- G. Enter the starting, ending or current date and <cr>.
- H. The plot will output to the VT640 to return to the menu <cr>.
- I. To log off type "0" <cr>.
- J. Report any problems to the System Manager or Computer Department.

<cr> = return key.

HOW TO GENERATE CLASS A MODEL DISPERSION REPORTS

- A. Log into the system (see "How to Dial In" and "How to Log In" instructions).
- B. When the menu is displayed or printed - Type "5" <CR>
- C. Enter the two (2) letter abbreviation of the function desired and <CR>. All options will work on the VT6400. Only the following options will work on the Terminet 200 printer:
 - 1. OF/OFF Site Rec
 - 2. ON/ON Site Rec
 - 3. TI/Arrival Time
 - 4. ME/Meteorological
 - 5. XX/EXIT
- D. Answer all questions relating to the function desired and <CR> after answering each question.

NOTE: In order to obtain "Actual" Radiological Data the Class A Model must already be running. In order to obtain "Simulated" Radiological data, the "simulated" data files must have information in them. If each of the above cases doesn't exist, the terminal will display or print "Specified Combination does not exist".

- E. To log off type "XX" <CR>. The original menu will be displayed. Type "O" <CR>.
- F. Report any problems to the System Manager or Computer Department at Nine Mile Point.

<CR> = Return Key

USERNAMES AND PASSWORDS

NOTE: Do Not give any unauthorized persons the usernames and/or passwords and/or telephone number to this computer system. This is confidential information. The passwords will change at random time intervals to maintain system data integrity.

1. The current username and password is listed below:

Username: _____
Password: _____

2. Report any problems to the System Manager or Computer Department at Nine Mile Point.

HELP TELEPHONE NUMBERS

The following personnel will be able to assist you should computer system problems occur. Any hardware problems with your equipment are your responsibility. Expendable items such as printer paper and ribbons are also your responsibility.

System Manager - Jim Slater - 315-349-2470
Technical Assistant - Chris Bull - 315-349-2468
Computer Department Supervisor - Jim Meyers - 315-349-2851
Computer Department Technicians - 315-349-2704
Meteorological Questions - Roger Caiazza - 315-428-6612
Radiological Questions - Pat Volza - 315-349-2429

If you are experiencing or suspect hardware problems, we will be glad to assist or help you verify the problem over the telephone.

