**Manually Downloading Zeno Data**

Updated 7/6/2016

This procedure is to dump the entire contents of the Zeno 3200's memory into a text file that can recover missing data.  This procedure will take approximately 5 minutes and will result in some lost data.

Required software/information:

Hyperterminal or other similar software

Com port used by Intercept (usually Com 1)

Procedure:

1) Close Intercept - noting it in the daily log

2) Start Hyperterm and open the connection to correct Com port.  The settings for the communication are 8-N-1 9600 Baud (8 Bit, No parity, 1 stop bit)

3) If you are connected to the Zeno properly, Typing the letter "u" and hitting the return should bring up the User Menu.

4) At the User Menu, type the letter "d" to go to the Data Retrieval Menu.

5) Click on the word "Transfer" at the top of the HyperTerm window to bring up the sub menu, then click on "Capture Text."  This will bring up a new window in which you can name the location and name of the file to be created.  Please use the following naming convention STN\_Dump.MMDD.dat, where STN is your station ID, MM is the two digit month and DD is the two digit day the dump happens.

6) After naming the file - click on "Start".

7) In the Hyperterm window, type the character \* and hit enter.  This will start the data dump and capture it all into the file created in step 5.

8) After the data is finished being dumped, go back to Transfer - Capture Text and click on "Stop". This will close the file and return you to the main Hyperterm window.

9) Type "u" then enter to return to the User Menu, then "q" then enter to Quit and start the data acquisition process again.

10) Close Hyperterm and restart Intercept.  Watch Intercept long enough to see a packet or two of data come in to make sure the system is recording data.

11) Send Christy the file – gmd.met@noaa.gov.  Please note which day's data you are sending (the one that is missing data).