How to download a Trimble receiver using the Trimble rfile program

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How to download from a Trimble receiver using the Trimble R-Utilities programs

Follow these steps to download a Trimble receiver using the command-line Trimble R-Utilities programs. If using a Linux system, this process can be automated; if using Windows, it can not.

1. If you don't yet have the Trimble R-Utilities programs (freely available), download the 'rfile' program from the UNAVCO Knowledgebase: Trimble R-Utilities.

2. To get a file listing on the receiver, use the command:

   rfile -Dcom1 -pn -b19200 -matdt########## --rtscts -t

   where

   com1 = serial port your modem is attached to
   19200 = baud rate of the receiver
   ########## = phone number of remote modem

3. To download files, use:

   rfile -Dcom1 -pn -b19200 -matdt########## --rtscts -iFILENAME.T01

   where

   FILENAME.T01 = the filename that was listed.

4. Once you have downloaded the file and verified that is is OK (size on computer is same on receiver), you can delete it:

   rfile -Dcom1 -pn -b19200 -matdt########## --rtscts -kFILENAME.T01

   This will change the file from FILENAME.T01 to FILENAME.T0D - the D indicates that it can be overwritten when the flashcard fills up.

   The command

rfile -Dcom1 -pn -b19200 -matdt########## --rtscts -uFILENAME.T0D

will undelete the file.

Since you can store 512 files on the receiver there is no immediate need to delete the file you just downloaded. If the files are making it into the UNAVCO archive you can check to see if they are rinexed, so you can delete files that are months old instead to free up space.

All the above can be automated using a Linux computer and the UNAVCO LAPDOGS software package .

Online URL:
https://kb.unavco.org/article/how-to-download-a-trimble-receiver-using-the-trimble-rfile-program-416.html