

How to download a Trimble receiver using the Trimble rfile program

416 Beth Bartel July 30, 2009 [Software and Scripts](#), [Trimble Software](#), [Trimble Utilities](#) 1971

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 it 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>