README - CMAS User Forum

This folder is available to assist users of the CMAS User Forum with sharing sample input data and scripts for troubleshooting issues posted on the https://forum.cmascenter.org/

You will be uploading your data and scripts to the CMAS DATA WAREHOUSE google drive incoming folder. The link to this Incoming folder is:
https://drive.google.com/drive/folders/1QtCIoz9cBJk_wJnI8VJxKg4jWCi-7otL?usp=sharing

You may be able to directly add your files to this google drive by clicking New > File Upload from your desktop to navigate to your files, and upload them.

If your files are too large to be uploaded directly from your desktop, please install **rclone**, which is a command line tool to connect to the google drive. To use this option, you must set up a google account.

Please follow the README instructions at the link below to install and use rclone to upload your data if your file sizes are too large to add by uploading directly from your desktop to the google drive.
https://docs.google.com/document/d/1e7B94zFkbKygVWfrhGwEZL51jF4fGXGXZbvi6KzXYQ4/edit?usp=sharing

Upload Example:
Example commands to upload your file. Note, this is assuming that you have installed rclone according to the directions above and that your remote name is gd.

First list the files in the Google Drive Incoming folder:
./**rclone** ls **gd**:User_Support/Incoming

Then Upload your file from your local directory to the google drive Incoming folder:
./**rclone** copy --drive-import-formats zip ./2016_12SE1.test.zip **gd**:User_Support/Incoming

Download Example:
./rclone copy --drive-import-formats zip **gd**:User_Support/Incoming/2016_12SE1.test.zip .

To extract this file on your local machine use:
unzip 2016_12SE1.test.zip
Password: cmastest

NOTE: it is NOT a requirement for you to password protect your files. If you do so, you will need to send an e-mail to the support person that is assisting you, to let them know what the password is for your zip file.

If you require that your files be password protected, please use the following zip options:
-e

--encrypt

Encrypt the contents of the zip archive using a password which is entered on the terminal in response to a prompt (this will not be echoed; if standard error is not a tty, zip will exit with an error). The password prompt is repeated to save the user from typing errors.

-r

--recurse-paths

Travel the directory structure recursively.

Example:

```
zip -re ./2016_12SE1.test.zip ./2016_12SE1
Enter password:
Verify password:
  adding: 2016_12SE1/ (stored 0%)
  adding: 2016_12SE1/.DS_Store (deflated 97%)
  adding: 2016_12SE1/mcip/ (stored 0%)
  adding: 2016_12SE1/mcip/GRIDDOT2D_160702.nc (deflated 25%)
  adding: 2016_12SE1/mcip/GRIDBDY2D_160702.nc (deflated 69%)
  adding: 2016_12SE1/mcip/GRIDCRO2D_160702.nc (deflated 48%)
```

Upload your zip file, and send the password to the support person who is helping you on the CMAS User Forum.