du -ch storm\_0001/anteceedant\_\*/event\_\*/qaqc/\*.hdf

To see size in the storm\_0001 folder.

To create a new environment to load AWS (given name by us), here awscli(package name). Type-

conda create --name AWS -c conda-forge awscli

Now to activate,

conda activate AWS

Now type,

aws configure

Put AWS key name and secret key name.

Put region name: us-east-1 for PSC

For Rougarou, put: us-west-2

Filename: json

aws s3 ls s3://lwi-common/LWI\_Production\_forPurdue/LWI\_Production\_TCs\_forPurdue/

This is the AWS folder name where files will be transferred.

Just for checking-

ls storm\_0001/anteceedant\_05P/event\_001/qaqc/\*.hdf

ls storm\_000\*/anteceedant\_05P/event\_001/qaqc/\*.hdf

aws s3 sync storm\_000\*/anteceedant\_05P/event\_001/qaqc/\*.hdf s3://lwi-common/LWI\_Production\_forPurdue/LWI\_Production\_TCs\_forPurdue/

These are just for testing, don’t use it.

for f in $(ls | grep storm) ; do echo $f ; done

for f in $(ls | grep storm) ; do echo $f ; aws s3 sync $f s3://lwi-common/LWI\_Production\_forPurdue/LWI\_Production\_TCs\_forPurdue/ --exclude "\*" --include "\*.hdf"; done

for f in $(ls | grep storm) ; do echo $f ; aws s3 sync $f s3://lwi-common/LWI\_Production\_forPurdue/LWI\_Production\_TCs\_forPurdue/$f/ --exclude "\*" --include "\*.hdf"; done

The final one to use-

for f in $(ls | grep storm) ; do echo $f ; aws s3 sync $f s3://lwi-common/LWI\_Production\_forPurdue/LWI\_Production\_TCs\_forPurdue/$f/ --exclude "\*" --include "\*.hdf"; done

The exclude “\*” excludes all other folders, and include \*.hdf includes only the hdf files to transfer. grep storm only takes the folder name with storm.