**Download S3 files locally (command line):**

First configure the AWS command line interface w/ access keys from Connor:

<https://www.viget.com/articles/set-up-aws-cli-and-download-your-s3-files-from-the-command-line/>

aws s3 cp s3://<bucket>/<file> <localDir>

aws s3 sync s3://<bucket>/ <localDir>

Examples:

aws s3 cp s3://hohonu/healthreport.txt ~/s3/healthreport.txt

aws s3 sync s3://hohonu/ ~/s3

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**Accessing Raw Data (python):**

import pandas as pd

import urllib

opener = urllib.request.URLopener()

myurl = 'https://s3-us-west-1.amazonaws.com/hohonu/<node>-<key>.csv'

existing = pd.read\_csv(myurl)

Example:

import pandas as pd

import urllib

opener = urllib.request.URLopener()

myurl = 'https://s3-us-west-1.amazonaws.com/hohonu/node-009-d2w.csv'

existing = pd.read\_csv(myurl)

**Accessing the AWS EC2 server:**

You can connect from the command line via:

ssh -i "<path2file>/Hohonu.pem" ubuntu@ec2-54-153-70-102.us-west-1.compute.amazonaws.com

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**Data currently stored on s3 (27 files):**

D2W:

node-008

node-009

node-014

node-046

node-049

node-051

node-049

node-033

node-038

T\_ec, Pa, AirSat, DO:

node-101

node-104

node-105

node-183

node-004