# AmeriFlux Meeting notes for 2022-08-31

## Date

$currentDateLozenge

## Attendees

Yong Wook Kim

Bethany Blakely

Rob Kooper

Minu Mathew

Taylor Pederson

## Agenda

- Check whole year run for 2021 data
  - Sorghum, Maize Control missing H2O... None of the others are missing H2O
- Check run result submission to AmeriFlux site
- Error in L2 file processing
- Missing variable conversion in 2020 data run
- Input L2 has Precip_IWS in Plots. Generated L2 does not have Precip_IWS in Plots written as it is not present in L1. Want to write Precip_IWS as well?
  - prefer to have it in both L1 and L2
  - it is not necessary
  - in mainstem L2
- Variable mapping for sw
- Error in Pyfluxpro L2 run :

```
08:57:13 INFO  Opening C:/Workspace-ameriflux/ameriflux-pipeline/ameriflux_pipeline/data/2021/data_maize_control
/pyfluxpro/output_ameriflux/L2_ameriflux.txt
08:57:13 ERROR Syntax error in control file, see below for line number
08:57:13 ERROR Traceback (most recent call last):
  File "C:\Workspace-ameriflux\PyFluxPro\PyFluxPro.py", line 262, in file_open
    self.file = ConfigObj(self.file_uri, indent_type="    ", list_values=False,
  File "C:\Users\ywkim\.conda\envs\pfp_env\lib\site-packages\configobj.py", line 1229, in __init__
    self._load(infile, configspec)
  File "C:\Users\ywkim\.conda\envs\pfp_env\lib\site-packages\configobj.py", line 1318, in _load
    raise error
configobj.ConfigObjError: Parsing failed with several errors.
```

First error at line 204.

Is this because of duplicate variables? Eg: [[H]].  ?

- Can we use L2 and L1 2021 as templates for every year, any site?
  - Only L1 should be used for every site
  - L2 should be site specific because of exclude dates and others
  - How about match variable names?
    - We can use the variables for 2021 to 2020 but need to keep other parameters like exclude dates.
    - Range might not be a matter
- Check and compare newly generated L2_ameriflux and the generated L2_ameriflux with old code. Check if all variables are present (in plots section as well).

## Action items

- ☐