

Flux_10X variable labels - Eddy Covariance Tower

timestamp = date and time
wateryr = water year
station = site
canopy = primary plant community
record = logger observation reset when program is compiled
Batt_MIN = minimum battery voltage
JuddTemp_C_AVE = average air temperature (C)
PTemp_C_AVE = average datalogger temperature (C)
Snow1_CM = sampled snow depth(cm) - measurement1
Snow2_CM = sampled snow depth(cm) - measurement2
Snow3_CM = sampled snow depth(cm) - measurement3
snow_cm_ave = sampled snow depth(cm) - average of (1-3)
snow_smoothed = estimated snow depth (C) derived by applying smoothing function to snow_cm_ave
SoilHeatFlux_1 = average REBBS HFT3 #HO63162 temperature (C) @ 8cm – grass installation
SoilHeatFlux_2 = average REBBS HFT3 # HO63163 temperature (C) @ 8cm – grass installation
SoilHeatFlux_3 = average REBBS HFT3 # HO63161 temperature (C) @ 8cm – sage installation
SoilHeatFlux_4 = average Hukseflux HFP01 # 43726 temperature (C) @ 8cm – sage installation
TCAV_Soil_1 = average soil temperature 0 to 8cm (C) – grass installation
del_Tsoil_1 = average soil temperature change 0 to 8cm (C) – grass installation
TCAV_Soil_2 = average soil temperature 0 to 8cm (C) – sage installation
del_Tsoil_2 = average soil temperature change 0 to 8cm (C) – sage installation
precip_mm_Tot = total wet precipitation (mm)
Hydra_1_V1 = sampled Stevens hydra probe1 voltage1 @ 3cm - grass installation
Hydra_1_V2 = sampled Stevens hydra probe1 voltage2 @ 3cm - grass installation
Hydra_1_V3 = sampled Stevens hydra probe1 voltage3 @ 3cm - grass installation
Hydra_1_V4 = sampled Stevens hydra probe1 voltage4 @ 3cm - grass installation
SoilTemp_1_C = sampled Stevens hydra probe1 soil temperature (C) @ 3cm - grass installation
SoilTemp_1_F = Sampled Stevens hydra probe1 soil temperature (F) @ 3cm - grass installation
VWC_1 = Sampled Stevens hydra probe1 soil moisture wfv (m3 m-3) @ 3cm - grass installation
EC_1 = Sampled Stevens hydra probe1 soil salinity (g NaCl/l) @ 3cm - grass installation
Soil_Conduct_1 = Sampled Stevens hydra probe1 soil conductivity (S/m) @ 3cm - grass installation
Hydra_2_V1 = Sampled Stevens hydra probe2 voltage2 @ 3cm - sage installation
Hydra_2_V2 = Sampled Stevens hydra probe2 voltage2 @ 3cm - sage installation
Hydra_2_V3 = Sampled Stevens hydra probe2 voltage3 @ 3cm - sage installation
Hydra_2_V4 = Sampled Stevens hydra probe2 voltage4 @ 3cm - sage installation
SoilTemp_2_C = Sampled Stevens hydra probe2 soil temperature (C) @ 3cm - sage installation
SoilTemp_2_F = Sampled Stevens hydra probe2 soil temperature (F) @ 3cm - sage installation
VWC_2 = Sampled Stevens hydra probe2 soil moisture wfv (m3 m-3) @ 3cm - sage installation
EC_2 = Sampled Stevens hydra probe2 soil salinity (g NaCl/l) @ 3cm - sage installation
Soil_Conduct_2 = Sampled Stevens hydra probe2 soil conductivity (S/m) @ 3cm - sage installation
Hydra_3_V1 = Sampled Stevens hydra probe3 voltage3 @ 10cm - sage installation
Hydra_3_V2 = Sampled Stevens hydra probe3 voltage2 @ 10cm - sage installation
Hydra_3_V3 = Sampled Stevens hydra probe3 voltage3 @ 10cm - sage installation
Hydra_3_V4 = Sampled Stevens hydra probe3 voltage4 @ 10cm - sage installation
SoilTemp_3_C = Sampled Stevens hydra probe3 soil temperature (C) @ 10cm - west installation
SoilTemp_3_F = Sampled Stevens hydra probe3 soil temperature (F) @ 10cm - west installation
VWC_3 = Sampled Stevens hydra probe3 soil moisture wfv (m3 m-3) @ 10cm - west installation
EC_3 = Sampled Stevens hydra probe3 soil salinity (g NaCl/l) @ 10cm - west installation
Soil_Conduct_3 = Sampled Stevens hydra probe3 soil conductivity (S/m) @ 10cm - west installation
pa_up_AVG = Hukseflux NR01 pyranometer uplooking (W/meter2)
pa_dn_AVG = Hukseflux NR01 pyranometer downlooking (W/meter2)
pg_up_AVG = Hukseflux NR01 pyrgeometer uplooking (W/meter2)
pg_dn_AVG = Hukseflux NR01 pyrgeometer downlooking (W/meter2)
NR01_tempC_AVG = Hukseflux NR01 pyrgeometer temperature (C)
NR01_tempK_AVG = Hukseflux NR01 pyrgeometer temperature (K)
Net_Rs_AVG = Hukseflux NR01 pyranometer up – down (W/meter2)
Net_R1_AVG = Hukseflux NR01 pyrgeometer up – down (W/meter2)
Albedo_AVG = Hukseflux NR01 pyranometer up / down (W/meter2)
Up_total_AVG = Hukseflux NR01 pyranometer up - pyrgeometer up (W/meter2)
Dn_total_AVG = Hukseflux NR01 pyranometer dn - pyrgeometer dn (W/meter2)
Net_total_AVG = Hukseflux NR01 Up_total_AVG - Dn_total_AVG (W/meter2)
pg_upCor_AVG = Hukseflux NR01 pyrgeometer up temperature corrected (W/meter2)
pg_dnCor_AVG = Hukseflux NR01 pyrgeometer dn temperature corrected (W/meter2)
Net_R1corr = corrected pyrgeometer up – corrected down (W/meter2)
Rn_AVG = Hukseflux NR01 Net_Rs + Net_R1corr (W/meter2)
TargTempC_Ave = Apogee IRR-PN surface temperature (C)