

Units and nomenclature

Data used by the SF_{model} to estimate vines' transpiration.

File: SF_vines_h.rds or SF_vines_h.csv

date: date & time timeseries

SF_B: vine transpiration related to the first plant (mm h^{-1})

SF_C: vine transpiration related to the second plant (mm h^{-1})

SF_F: vine transpiration related to the third plant (mm h^{-1})

SF_ud_mean: mean of three vines' transpiration (mm h^{-1})

File: Plt_data_21_h_gf_EBC1m_Fp_ET.rds or Plt_data_21_h_gf_EBC1m_Fp_ET.csv

and **File:** Plt_data_22_h_gf_EBC1m_Fp_ET.rds or Plt_data_22_h_gf_EBC1m_Fp_ET.csv

date: date & time timeseries

Year: year extracted from date

month: month extracted from date

day: day extracted from date

hour: hour extracted from date

LE_f: latent heat flux (W m^{-2} , measured, gap-filled)

H_f: sensible heat flux (W m^{-2} , measured, gap-filled)

Rn_Wm2: net solar radiation (W m^{-2} , computed)

G_f: soil heat flux (W m^{-2} , measured)

usoil_10cm: soil moisture at 10 cm depth ($\text{cm}^3 \text{ cm}^{-3}$, measured, sensor: CS616)

Precip: precipitation (mm h^{-1} , measured)

Tair: air temperature ($^{\circ}\text{C}$, measured)

rH: relative air humidity (% , measured)

VPD_Kpa: vapor pressure deficit (KPa, computed)

u_* : friction velocity (m s^{-1} , measured)

ET_EC_mmh_f: ecosystem evapotranspiration (mm h^{-1} , computed from Eddy Covariance - LE fluxes, gap-filled)