

ICOS ETC DATA PRODUCT DESCRIPTION

Level2 FLUXNET Half-hourly Data

Data Type Label: ETC L2 FLUXNET

Data Level: 2

File name structure: ICOSETC_CC-###_FLUXNET_HH_L2 (with CC-### = ICOS site code, see also the "Update and versions" paragraph below).

Stations: Class 1, Class 2, Associated

Format: csv

Description: half-hourly standard FLUXNET product including gap-filled NEE, GPP, RECO and all the related variables and uncertainty and gap-filled version of selected meteorological variables. Data are processed by the ICOS ETC starting from the FLUXES and METEO data files using the ONEFlux pipeline. The code used is available through the ICOS ETC GitHub repository and processing described in Pastorello et al. 2020 (Scientific Data) <https://doi.org/10.1038/s41597-020-0534-3>

Update and versions: released once or twice per year. When released twice per year (only Class1 and 2) the middle-year version (*interim*) is created starting from the *interim* versions of the FLUXES and METEO products. This version is identifiable by the file named ICOSETC_CC-###_FLUXNET_HH_INTERIM_L2

Variables and units: variables codes, units and descriptions are available here: https://hdl.handle.net/11676/x4W1OhRrHkVmY_a-8Y4lF0tl

Metadata: variable codes and units available in the Carbon Portal. Full metadata in the Archive product.