

ICOS ETC DATA PRODUCT DESCRIPTION

Level2 Full Archive

Data Type Label: ETC L2 ARCHIVE

Data Level: 2

File name structure: ICOSSETC_CC-###_ARCHIVE_L2 (with CC-### = ICOS site code, see also the "Update and versions" paragraph below).

Stations: Class 1, Class 2 and Associated Stations

Format: compressed zip file

Description: it is the most complete data product. It includes all the half-hourly products (FLUXES, METEO, METEOSENS, FLUXNET_HH and AUXDATA) described in the other product documents plus the FLUXNET version aggregated at daily, weekly, monthly and yearly time resolutions as described in Pastorello et al. 2020 (<https://doi.org/10.1038/s41597-020-0534-3>). It includes also all the ancillary data (ANCILLARY), the general station information (SITEINFO), the information about the instruments used (INST) and the metadata about the different variables (VARINFO) for all the continuous data in the BIF (BADM Interchangeable Format) format.

Update and versions: released once or twice per year (only Class 1 and 2). When released twice per year, the middle-year version (*interim*) is created using the *interim* versions of the files. This version is identifiable by the file named ICOSSETC_CC-###_ARCHIVE_INTERIM_L2

Variables and units: variables codes, units and descriptions are available in the compressed file as csv files.

Metadata: The product already includes all the metadata and ancillary data in the BIF format that is described here:

<https://hdl.handle.net/11676/GbvksWIH5zCFUkZhJiKqmeRB>