

Variable	Units	Description
<b>TIMEKEEPING</b>		
TIMESTAMP	YYYYMMDDHHMM	ISO timestamp - short format
TIMESTAMP_START	YYYYMMDDHHMM	ISO timestamp start of averaging period - short format
TIMESTAMP_END	YYYYMMDDHHMM	ISO timestamp end of averaging period - short format
<b>MICROMETEOROLOGICAL</b>		
TA_F_MDS		Air temperature, gapfilled using MDS method
	HH	deg C
	DD	deg C
	WW-YY	deg C
TA_F_MDS_QC		Quality flag for TA_F_MDS
	HH	adimensional
	DD	adimensional
	WW-YY	adimensional
TA_F_MDS_NIGHT		Average nighttime TA_F_MDS
	HH	not produced
	DD	deg C
	WW-YY	deg C
TA_F_MDS_NIGHT_SD		Standard deviation for TA_F_MDS_NIGHT
	HH	not produced
	DD	deg C
	WW-YY	deg C
TA_F_MDS_NIGHT_QC		Quality flag for TA_F_MDS_NIGHT
	HH	not produced
	DD	adimensional
	WW-YY	adimensional
TA_F_MDS_DAY		Average daytime TA_F_MDS

	HH		not produced
	DD	deg C	average from half-hourly data
	WW-YY	deg C	average from daily data
TA_F_MDS_DAY_SD			Standard deviation for TA_F_MDS_DAY
	HH		not produced
	DD	deg C	from half-hourly data
	WW-YY	deg C	average SD from daily data
TA_F_MDS_DAY_QC			Quality flag for TA_F_MDS_DAY
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
TA_ERA			Air temperature, downscaled from ERA, linearly regressed using measured only site data
	HH	deg C	
	DD	deg C	average from half-hourly data
	WW-YY	deg C	average from daily data
TA_ERA_NIGHT			Average nighttime TA_ERA
	HH		not produced
	DD	deg C	average from half-hourly data
	WW-YY	deg C	average from daily data
TA_ERA_NIGHT_SD			Standard deviation for TA_ERA_NIGHT
	HH		not produced
	DD	deg C	from half-hourly data
	WW-YY	deg C	average SD from daily data
TA_ERA_DAY			Average daytime TA_ERA
	HH		not produced
	DD	deg C	average from half-hourly data
	WW-YY	deg C	average from daily data
TA_ERA_DAY_SD			Standard deviation for TA_ERA_DAY
	HH		not produced
	DD	deg C	from half-hourly data
	WW-YY	deg C	average SD from daily data

TA_F			Air temperature, consolidated from TA_F_MDS and TA_ERA
	HH	deg C	TA_F_MDS used if TA_F_MDS_QC is 0 or 1
	DD	deg C	average from half-hourly data
	WW-YY	deg C	average from daily data
TA_F_QC			Quality flag for TA_F
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = downscaled from ERA
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
TA_F_NIGHT			Average nighttime TA_F
	HH		not produced
	DD	deg C	average from half-hourly data
	WW-YY	deg C	average from daily data
TA_F_NIGHT_SD			Standard deviation for TA_F_NIGHT
	HH		not produced
	DD	deg C	from half-hourly data
	WW-YY	deg C	average SD from daily data
TA_F_NIGHT_QC			Quality flag for TA_F_NIGHT
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
TA_F_DAY			Average daytime TA_F
	HH		not produced
	DD	deg C	average from half-hourly data
	WW-YY	deg C	average from daily data
TA_F_DAY_SD			Standard deviation for TA_F_DAY
	HH		not produced
	DD	deg C	from half-hourly data
	WW-YY	deg C	average SD from daily data

TA_F_DAY_QC			Quality flag for TA_F_DAY
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
SW_IN_POT			Shortwave radiation, incoming, potential (top of atmosphere)
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-MM	W m-2	average from daily data
	YY	W m-2	not defined
SW_IN_F_MDS			Shortwave radiation, incoming, gapfilled using MDS (negative values set to zero, e.g., negative values from instrumentation noise)
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
SW_IN_F_MDS_QC			Quality flag for SW_IN_F_MDS
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
SW_IN_ERA			Shortwave radiation, incoming, downscaled from ERA, linearly regressed using measured only site data (negative values set to zero)
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
SW_IN_F			Shortwave radiation, incoming consolidated from SW_IN_F_MDS and SW_IN_ERA (negative values set to zero)
	HH	W m-2	SW_IN_F_MDS used if SW_IN_F_MDS_QC is 0 or 1
	DD	W m-2	average from half-hourly data

	WW-YY	W m-2	average from daily data
SW_IN_F_QC			Quality flag for SW_IN_F
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = downscaled from ERA
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
LW_IN_F_MDS			Longwave radiation, incoming, gapfilled using MDS
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
LW_IN_F_MDS_QC			Quality flag for LW_IN_F_MDS
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
LW_IN_ERA			Longwave radiation, incoming, downscaled from ERA, linearly regressed using measured only site data
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
LW_IN_F			Longwave radiation, incoming, consolidated from LW_IN_F_MDS and LW_IN_ERA
	HH	W m-2	LW_IN_F_MDS used if LW_IN_F_MDS_QC is 0 or 1
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
LW_IN_F_QC			Quality flag for LW_IN_F
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = downscaled from ERA
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data

	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
LW_IN_JSB			Longwave radiation, incoming, calculated from TA_F_MDS, SW_IN_F_MDS, VPD_F_MDS and SW_IN_POT using the JSBACH algorithm (Sonke Zaehle)
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
LW_IN_JSB_QC			Quality flag for LW_IN_JSB
	HH	adimensional	highest from TA_F_MDS_QC, SW_IN_F_MDS_QC, and VPD_F_MDS_QC, poorest quality prevails
	DD	adimensional	fraction between 0-1, indicating percentage of calculated LW_IN starting from measured and good quality gapfill drivers data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of calculated LW_IN starting from measured and good quality gapfill drivers data (average from daily data)
LW_IN_JSB_ERA			Longwave radiation, incoming, downscaled from ERA, linearly regressed using site level LW_IN_JSB calculated from measured only drivers
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
LW_IN_JSB_F			Longwave radiation, incoming, consolidated from LW_IN_JSB and LW_IN_JSB_ERA
	HH	W m-2	LW_IN_JSB used if LW_IN_JSB_QC is 0 or 1
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
LW_IN_JSB_F_QC			Quality flag for LW_IN_JSB_F
	HH	adimensional	0 = calculated from measured drivers; 1 = calculated from good quality gapfilled drivers; 2: downscaled from ERA
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data

	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
VPD_F_MDS			Vapor Pressure Deficit, gapfilled using MDS
	HH	hPa	
	DD	hPa	average from half-hourly data
	WW-YY	hPa	average from daily data
VPD_F_MDS_QC			Quality flag for VPD_F_MDS
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
VPD_ERA			Vapor Pressure Deficit, downscaled from ERA, linearly regressed using measured only site data
	HH	hPa	
	DD	hPa	average from half-hourly data
	WW-YY	hPa	average from daily data
VPD_F			Vapor Pressure Deficit consolidated from VPD_F_MDS and VPD_ERA
	HH	hPa	VPD_F_MDS used if VPD_F_MDS_QC is 0 or 1
	DD	hPa	average from half-hourly data
	WW-YY	hPa	average from daily data
VPD_F_QC			Quality flag for VPD_F
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = downscaled from ERA
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
PA			Atmospheric pressure
	HH	kPa	
	DD-YY	kPa	not defined
PA_ERA			Atmospheric pressure, downscaled from ERA, linearly regressed using measured only site data

	HH	kPa	
	DD	kPa	average from half-hourly data
	WW-YY	kPa	average from daily data
PA_F			Atmospheric pressure consolidated from PA and PA_ERA
	HH	kPa	PA used if measured
	DD	kPa	average from half-hourly data
	WW-YY	kPa	average from daily data
PA_F_QC			Quality flag for PA_F
	HH	adimensional	0 = measured; 2 = downscaled from ERA
	DD	adimensional	fraction between 0-1, indicating percentage of measured data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured data (average from daily data)
P			Precipitation
	HH	mm	
	DD-YY	mm	not defined
P_ERA			Precipitation, downscaled from ERA, linearly regressed using measured only site data
	HH	mm	(mm per dataset resolution: either hour or half-hour)
	DD	mm d-1	sum from half-hourly data (mm per day)
	WW-MM	mm d-1	average from daily data (mm per day)
	YY	mm y-1	sum from daily data (mm per year)
P_F			Precipitation consolidated from P and P_ERA
	HH	mm	P used if measured (mm per dataset resolution: either hour or half-hour)
	DD	mm d-1	sum from half-hourly data (mm per day)
	WW-MM	mm d-1	average from daily data (mm per day)
	YY	mm y-1	sum from daily data (mm per year)
P_F_QC			Quality flag for P_F
	HH	adimensional	0 = measured; 2 = downscaled from ERA
	DD	adimensional	fraction between 0-1, indicating percentage of measured data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured data (average from daily data)



WS			Wind speed
	HH	m s-1	
	DD-YY	m s-1	not defined
WS_ERA			Wind speed, downscaled from ERA, linearly regressed using measured only site data
	HH	m s-1	
	DD	m s-1	average from half-hourly data
	WW-YY	m s-1	average from daily data
WS_F			Wind speed, consolidated from WS and WS_ERA
	HH	m s-1	WS used if measured
	DD	m s-1	average from half-hourly data
	WW-YY	m s-1	average from daily data
WS_F_QC			Quality flag of WS_F
	HH	adimensional	0 = measured; 2 = downscaled from ERA
	DD	adimensional	fraction between 0-1, indicating percentage of measured data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured data (average from daily data)
WD			Wind direction
	HH	Decimal degrees	
	DD-YY	Decimal degrees	not defined
RH			Relative humidity, range 0-100
	HH	%	
	DD-YY	%	not defined
USTAR			Friction velocity
	HH	m s-1	
	DD	m s-1	average from half-hourly data (only days with more than 50% records available)
	WW-YY	m s-1	average from daily data (only periods with more than 50% records available)
USTAR_QC			Quality flag of USTAR
	HH	adimensional	not defined
	DD	adimensional	fraction between 0-1, indicating percentage of data available (measured)
	WW-YY	adimensional	fraction between 0-1, indicating percentage of data available (average from daily data)

NETRAD			Net radiation
	HH	W m-2	
	DD	W m-2	average from half-hourly data (only days with more than 50% records available)
	WW-YY	W m-2	average from daily data (only periods with more than 50% records available)
NETRAD_QC			Quality flag of NETRAD
	HH	adimensional	not defined
	DD	adimensional	fraction between 0-1, indicating percentage of data available (measured)
	WW-YY	adimensional	fraction between 0-1, indicating percentage of data available (average from daily data)
PPFD_IN			Photosynthetic photon flux density, incoming
	HH	W m-2	
	DD	W m-2	average from half-hourly data (only days with more than 50% records available)
	WW-YY	W m-2	average from daily data (only periods with more than 50% records available)
PPFD_IN_QC			Quality flag of PPFD_IN
	HH	adimensional	not defined
	DD	adimensional	fraction between 0-1, indicating percentage of data available (measured)
	WW-YY	adimensional	fraction between 0-1, indicating percentage of data available (average from daily data)
PPFD_DIF			Photosynthetic photon flux density, diffuse incoming
	HH	W m-2	
	DD	W m-2	average from half-hourly data (only days with more than 50% records available)
	WW-YY	W m-2	average from daily data (only periods with more than 50% records available)
PPFD_DIF_QC			Quality flag of PPFD_DIF
	HH	adimensional	not defined
	DD	adimensional	fraction between 0-1, indicating percentage of data available (measured)
	WW-YY	adimensional	fraction between 0-1, indicating percentage of data available (average from daily data)
PPFD_OUT			Photosynthetic photon flux density, outgoing

	HH	W m-2	
	DD	W m-2	average from half-hourly data (only days with more than 50% records available)
	WW-YY	W m-2	average from daily data (only periods with more than 50% records available)
PPFD_OUT_QC			Quality flag of PPFD_OUT
	HH	adimensional	not defined
	DD	adimensional	fraction between 0-1, indicating percentage of data available (measured)
	WW-YY	adimensional	fraction between 0-1, indicating percentage of data available (average from daily data)
SW_DIF			Shortwave radiation, diffuse incoming
	HH	W m-2	
	DD	W m-2	average from half-hourly data (only days with more than 50% records available)
	WW-YY	W m-2	average from daily data (only periods with more than 50% records available)
SW_DIF_QC			Quality flag of SW_DIF
	HH	adimensional	not defined
	DD	adimensional	fraction between 0-1, indicating percentage of data available (measured)
	WW-YY	adimensional	fraction between 0-1, indicating percentage of data available (average from daily data)
SW_OUT			Shortwave radiation, outgoing
	HH	W m-2	
	DD	W m-2	average from half-hourly data (only days with more than 50% records available)
	WW-YY	W m-2	average from daily data (only periods with more than 50% records available)
SW_OUT_QC			Quality flag of SW_OUT
	HH	adimensional	not defined
	DD	adimensional	fraction between 0-1, indicating percentage of data available (measured)
	WW-YY	adimensional	fraction between 0-1, indicating percentage of data available (average from daily data)
LW_OUT			Longwave radiation, outgoing
	HH	W m-2	

	DD	W m-2	average from half-hourly data (only days with more than 50% records available)
	WW-YY	W m-2	average from daily data (only periods with more than 50% records available)
LW_OUT_QC			Quality flag of LW_OUT
	HH	adimensional	not defined
	DD	adimensional	fraction between 0-1, indicating percentage of data available (measured)
	WW-YY	adimensional	fraction between 0-1, indicating percentage of data available (average from daily data)
CO2_F_MDS			CO2 mole fraction, gapfilled with MDS
	HH	umolCO2 mol-1	
	DD	umolCO2 mol-1	average from half-hourly data
	WW-YY	umolCO2 mol-1	average from daily data
CO2_F_MDS_QC			Quality flag for CO2_F_MDS
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
TS_F_MDS_#			Soil temperature, gapfilled with MDS (numeric index "#" increases with the depth, 1 is shallowest)
	HH	deg C	
	DD	deg C	average from half-hourly data
	WW-YY	deg C	average from daily data
TS_F_MDS_#_QC			Quality flag for TS_F_MDS_#
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
SWC_F_MDS_#			Soil water content, gapfilled with MDS (numeric index "#" increases with the depth, 1 is shallowest)
	HH	%	

	DD	%	average from half-hourly data
	WW-YY	%	average from daily data
SWC_F_MDS_#_QC			Quality flag for SWC_F_MDS_#
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
<b>ENERGY PROCESSING</b>			
G_F_MDS			Soil heat flux
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
G_F_MDS_QC			Quality flag of G_F_MDS
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
LE_F_MDS			Latent heat flux, gapfilled using MDS method
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
LE_F_MDS_QC			Quality flag for LE_F_MDS, LE_CORR, LE_CORR25, and LE_CORR75. <i>Note: this variable is incomplete, a complete version and explanation can be found in the known issues document: <a href="http://fluxnet.fluxdata.org/data/fluxnet2015-dataset/known-issues/">http://fluxnet.fluxdata.org/data/fluxnet2015-dataset/known-issues/</a></i>
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data

	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
LE_CORR			Latent heat flux, corrected LE_F_MDS by energy balance closure correction factor
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
LE_CORR_25			Latent heat flux, corrected LE_F_MDS by energy balance closure correction factor, 25th percentile
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY		not produced
LE_CORR_75			Latent heat flux, corrected LE_F_MDS by energy balance closure correction factor, 75th percentile
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY		not produced
LE_RANDUNC			Random uncertainty of LE, from measured only data
	HH	W m-2	uses only data point where LE_F_MDS_QC is 0 and two hierarchical methods (see header and LE_RANDUNC_METHOD)
	DD-YY	W m-2	from random uncertainty of individual half-hours (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used
LE_RANDUNC_METHOD			Method used to estimate the random uncertainty of LE
	HH	adimensional	1 = RANDUNC Method 1 (direct SD method), 2 = RANDUNC Method 2 (median SD method)
	DD-YY		not produced
LE_RANDUNC_N			Number of half-hour data points used to estimate the random uncertainty of LE
	HH	adimensional	
	DD-YY		not produced
LE_CORR_JOINTUNC			Joint uncertainty estimation for LE
	HH-DD	W m-2	[SQRT(LE_RANDUNC^2 + ((LE_CORR75 - LE_CORR25) / 1.349)^2)]

	WW-YY		not produced
H_F_MDS			Sensible heat flux, gapfilled using MDS method
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
H_F_MDS_QC			Quality flag for H_F_MDS, H_CORR, H_CORR25, and H_CORR75. <b>Note: this variable is incomplete, a complete version and explanation can be found in the known issues document: <a href="http://fluxnet.fluxdata.org/data/fluxnet2015-dataset/known-issues/">http://fluxnet.fluxdata.org/data/fluxnet2015-dataset/known-issues/</a></b>
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
H_CORR			Sensible heat flux, corrected H_F_MDS by energy balance closure correction factor
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY	W m-2	average from daily data
H_CORR_25			Sensible heat flux, corrected H_F_MDS by energy balance closure correction factor, 25th percentile
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY		not produced
H_CORR_75			Sensible heat flux, corrected H_F_MDS by energy balance closure correction factor, 75th percentile
	HH	W m-2	
	DD	W m-2	average from half-hourly data
	WW-YY		not produced
H_RANDUNC			Random uncertainty of H, from measured only data
	HH	W m-2	uses only data point where H_F_MDS_QC is 0 and two hierarchical methods (see header and H_RANDUNC_METHOD)

	DD-YY	W m-2	from random uncertainty of individual half-hours ( $\text{rand}(i) = [\text{SQRT}(\text{SUM}(\text{rand}(i)^2)) / n]$ , where n is the number of half-hours used
H_RANDUNC_METHOD			Method used to estimate the random uncertainty of H
	HH	adimensional	1 = RANDUNC Method 1 (direct SD method), 2 = RANDUNC Method 2 (median SD method)
	DD-YY		not produced
H_RANDUNC_N			Number of half-hour data points used to estimate the random uncertainty of H
	HH	adimensional	
	DD-YY		not produced
H_CORR_JOINTUNC			Joint uncertainty estimation for H
	HH-DD	W m-2	$[\text{SQRT}(H\_RANDUNC^2 + ((H\_CORR75 - H\_CORR25) / 1.349)^2)]$
	WW-YY		not produced
EBC_CF_N			Number of data points used to calculate energy closure balance correction factor. Driver data points within sliding window (ECB_CF Method 1) or number of ECB_CF data points (for ECB_CF Methods 2 and 3)
	HH	adimensional	for ECB_CF Method 1 (minimum 5, maximum 93)
	DD	adimensional	for ECB_CF Method 1 (minimum 5, maximum 15)
	WW--YY	adimensional	fraction between 0-1, indicating percentages of half-hours used with respect to theoretical maximum number of half hours
EBC_CF_METHOD			Method used to calculate the energy balance closure correction factor
	HH-YY	adimensional	1 = ECB_CF Method 1, 2 = ECB_CF Method 2, 3 = ECB_CF Method 3. See general description for details
<b>NET ECOSYSTEM EXCHANGE</b>			
NIGHT			Flag indicating nighttime interval based on SW_IN_POT
	HH	adimensional	0 = daytime, 1 = nighttime
	DD-YY		not produced
NIGHT_D			Number of half hours classified as nighttime in the period, i.e., when SW_IN_POT is 0



	HH		not produced
	DD	adimensional	number of half-hours
	WW-MM	adimensional	number of halfhours (average of the daily data)
	YY		not produced
DAY_D			Number of half hours classified as daytime in the period, i.e., when SW_IN_POT is greater than 0
	HH		not produced
	DD	adimensional	number of half-hours
	WW-MM	adimensional	number of halfhours (average of the daily data)
	YY		not produced
NIGHT_RANDOMUNC_N			Number of half hours classified as nighttime and used to calculate the aggregated random uncertainty
	HH		not produced
	DD	adimensional	number of half-hours
	WW-YY	adimensional	number of halfhours (average of the daily data)
DAY_RANDOMUNC_N			Number of half hours classified as daytime and used to calculate the aggregated random uncertainty
	HH		not produced
	DD	adimensional	number of half-hours
	WW-YY	adimensional	number of halfhours (average of the daily data)
NEE_CUT_REF			Net Ecosystem Exchange, using Constant Ustar Threshold (CUT) across years, reference selected on the basis of the model efficiency (MEF). The MEF analysis is repeated for each time aggregation
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
NEE_VUT_REF			Net Ecosystem Exchange, using Variable Ustar Threshold (VUT) for each year, reference selected on the basis of the model efficiency (MEF). The MEF analysis is repeated for each time aggregation
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data

	YY	gC m-2 y-1	sum from daily data
NEE_CUT_REF_QC			Quality flag for NEE_CUT_REF
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_VUT_REF_QC			Quality flag for NEE_VUT_REF
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_CUT_REF_RANDUNC			Random uncertainty for NEE_CUT_REF, from measured only data
	HH	umolCO2 m-2 s-1	uses only data points where NEE_CUT_REF_QC is 0 and two hierarchical methods - see header and NEE_CUT_REF_RANDUNC_METHOD
	DD-MM	gC m-2 d-1	from random uncertainty of individual half-hours (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used
	YY	gC m-2 y-1	from random uncertainty of individual half-hours (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used
NEE_VUT_REF_RANDUNC			Random uncertainty for NEE_VUT_REF, from measured only data
	HH	umolCO2 m-2 s-1	uses only data points where NEE_VUT_REF_QC is 0 and two hierarchical methods - see header and NEE_VUT_REF_RANDUNC_METHOD
	DD-MM	gC m-2 d-1	from random uncertainty of individual half-hours (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used
	YY	gC m-2 y-1	from random uncertainty of individual half-hours (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used
NEE_CUT_REF_RANDUNC_METHOD			Method used to estimate the random uncertainty of NEE_CUT_REF

	HH	adimensional	1 = RANDUNC Method 1 (direct SD method), 2 = RANDUNC Method 2 (median SD method)
	DD-YY		not produced
NEE_VUT_REF_RANDUNC_METHOD			Method used to estimate the random uncertainty of NEE_VUT_REF
	HH	adimensional	1 = RANDUNC Method 1 (direct SD method), 2 = RANDUNC Method 2 (median SD method)
	DD-YY		not produced
NEE_CUT_REF_RANDUNC_N			Number of data points used to estimate the random uncertainty of NEE_CUT_REF
	HH	adimensional	
	DD-YY		not produced
NEE_VUT_REF_RANDUNC_N			Number of data points used to estimate the random uncertainty of NEE_VUT_REF
	HH	adimensional	
	DD-YY		not produced
NEE_CUT_REF_JOINTUNC			Joint uncertainty estimation for NEE_CUT_REF, including random uncertainty and USTAR filtering uncertainty
	HH	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_CUT\_REF\_RANDUNC}^2 + ((\text{NEE\_CUT\_84} - \text{NEE\_CUT\_16}) / 2)^2)]$ for each half-hour
	DD	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_CUT\_REF\_RANDUNC}^2 + ((\text{NEE\_CUT\_84} - \text{NEE\_CUT\_16}) / 2)^2)]$ for each day
	WW	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_CUT\_REF\_RANDUNC}^2 + ((\text{NEE\_CUT\_84} - \text{NEE\_CUT\_16}) / 2)^2)]$ for each week
	MM	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_CUT\_REF\_RANDUNC}^2 + ((\text{NEE\_CUT\_84} - \text{NEE\_CUT\_16}) / 2)^2)]$ for each month
	YY	gC m-2 y-1	$[\text{SQRT}(\text{NEE\_CUT\_REF\_RANDUNC}^2 + ((\text{NEE\_CUT\_84} - \text{NEE\_CUT\_16}) / 2)^2)]$ for each year
NEE_VUT_REF_JOINTUNC			Joint uncertainty estimation for NEE_VUT_REF, including random uncertainty and USTAR filtering uncertainty
	HH	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_VUT\_REF\_RANDUNC}^2 + ((\text{NEE\_VUT\_84} - \text{NEE\_VUT\_16}) / 2)^2)]$ for each half-hour

	DD	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_VUT\_REF\_RANDUNC}^2 + ((\text{NEE\_VUT\_84} - \text{NEE\_VUT\_16}) / 2)^2)]$ for each day
	WW	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_VUT\_REF\_RANDUNC}^2 + ((\text{NEE\_VUT\_84} - \text{NEE\_VUT\_16}) / 2)^2)]$ for each week
	MM	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_VUT\_REF\_RANDUNC}^2 + ((\text{NEE\_VUT\_84} - \text{NEE\_VUT\_16}) / 2)^2)]$ for each month
	YY	gC m-2 y-1	$[\text{SQRT}(\text{NEE\_VUT\_REF\_RANDUNC}^2 + ((\text{NEE\_VUT\_84} - \text{NEE\_VUT\_16}) / 2)^2)]$ for each year
NEE_CUT_USTAR50			Net Ecosystem Exchange, using Constant Ustar Threshold (CUT) across years, from 50 percentile of USTAR threshold
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
NEE_VUT_USTAR50			Net Ecosystem Exchange, using Variable Ustar Threshold (VUT) for each year, from 50 percentile of USTAR threshold
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
NEE_CUT_USTAR50_QC			Quality flag for NEE_CUT_USTAR50
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_VUT_USTAR50_QC			Quality flag for NEE_VUT_USTAR50
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data

	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_CUT_USTAR50_RANDUNC			Random uncertainty for NEE_CUT_USTAR50, from measured only data
	HH	umolCO2 m-2 s-1	uses only data points where NEE_CUT_USTAR50_QC is 0 and two hierarchical methods - see header and NEE_CUT_USTAR50_RANDUNC_METHOD
	DD-MM	gC m-2 d-1	from random uncertainty of individual half-hours (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used
	YY	gC m-2 y-1	from random uncertainty of individual half-hours (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used
NEE_VUT_USTAR50_RANDUNC			Random uncertainty for NEE_VUT_USTAR50, from measured only data
	HH	umolCO2 m-2 s-1	uses only data points where NEE_VUT_USTAR50_QC is 0 and two hierarchical methods see header and NEE_VUT_USTAR50_RANDUNC_METHOD
	DD-MM	gC m-2 d-1	from random uncertainty of individual half-hours (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used
	YY	gC m-2 y-1	from random uncertainty of individual half-hours (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used
NEE_CUT_USTAR50_RANDUNC_METHOD			Method used to estimate the random uncertainty of NEE_CUT_USTAR50
	HH	adimensional	1 = RANDUNC Method 1 (direct SD method), 2 = RANDUNC Method 2 (median SD method)
	DD-YY		not produced
NEE_VUT_USTAR50_RANDUNC_METHOD			Method used to estimate the random uncertainty of NEE_VUT_USTAR50
	HH	adimensional	1 = RANDUNC Method 1 (direct SD method), 2 = RANDUNC Method 2 (median SD method)
	DD-YY		not produced
NEE_CUT_USTAR50_RANDUNC_N			Number of half-hour data points used to estimate the random uncertainty of NEE_CUT_USTAR50
	HH	adimensional	
	DD-YY		not produced

NEE_VUT_USTAR50_RANDUNC_N			Number of half-hour data points used to estimate the random uncertainty of NEE_VUT_USTAR50
	HH	adimensional	
	DD-YY		not produced
NEE_CUT_USTAR50_JOINTUNC			Joint uncertainty estimation for NEE_CUT_USTAR50, including random uncertainty and USTAR filtering uncertainty
	HH	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_RANDUNC}^2 + ((\text{NEE\_CUT\_84} - \text{NEE\_CUT\_16}) / 2)^2)]$ for each half-hour
	DD	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_RANDUNC}^2 + ((\text{NEE\_CUT\_84} - \text{NEE\_CUT\_16}) / 2)^2)]$ for each day
	WW	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_RANDUNC}^2 + ((\text{NEE\_CUT\_84} - \text{NEE\_CUT\_16}) / 2)^2)]$ for each week
	MM	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_RANDUNC}^2 + ((\text{NEE\_CUT\_84} - \text{NEE\_CUT\_16}) / 2)^2)]$ for each month
	YY	gC m-2 y-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_RANDUNC}^2 + ((\text{NEE\_CUT\_84} - \text{NEE\_CUT\_16}) / 2)^2)]$ for each year
NEE_VUT_USTAR50_JOINTUNC			Joint uncertainty estimation for NEE_VUT_USTAR50, including random uncertainty and USTAR filtering uncertainty
	HH	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_VUT\_USTAR50\_RANDUNC}^2 + ((\text{NEE\_VUT\_84} - \text{NEE\_VUT\_16}) / 2)^2)]$ for each half-hour
	DD	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_VUT\_USTAR50\_RANDUNC}^2 + ((\text{NEE\_VUT\_84} - \text{NEE\_VUT\_16}) / 2)^2)]$ for each day
	WW	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_VUT\_USTAR50\_RANDUNC}^2 + ((\text{NEE\_VUT\_84} - \text{NEE\_VUT\_16}) / 2)^2)]$ for each week
	MM	gC m-2 d-1	$[\text{SQRT}(\text{NEE\_VUT\_USTAR50\_RANDUNC}^2 + ((\text{NEE\_VUT\_84} - \text{NEE\_VUT\_16}) / 2)^2)]$ for each month
	YY	gC m-2 y-1	$[\text{SQRT}(\text{NEE\_VUT\_USTAR50\_RANDUNC}^2 + ((\text{NEE\_VUT\_84} - \text{NEE\_VUT\_16}) / 2)^2)]$ for each year

NEE_CUT_MEAN			Net Ecosystem Exchange, using Constant Ustar Threshold (CUT) across years, average from 40 NEE_CUT_XX versions
	HH	umolCO2 m-2 s-1	average from 40 half-hourly NEE_CUT_XX
	DD	gC m-2 d-1	average from 40 daily NEE_CUT_XX
	WW	gC m-2 d-1	average from 40 weekly NEE_CUT_XX
	MM	gC m-2 d-1	average from 40 monthly NEE_CUT_XX
	YY	gC m-2 y-1	average from 40 yearly NEE_CUT_XX
NEE_VUT_MEAN			Net Ecosystem Exchange, using Variable Ustar Threshold (VUT) for each year, average from 40 NEE_VUT_XX versions
	HH	umolCO2 m-2 s-1	average from 40 half-hourly NEE_CUT_XX
	DD	gC m-2 d-1	average from 40 daily NEE_CUT_XX
	WW	gC m-2 d-1	average from 40 weekly NEE_CUT_XX
	MM	gC m-2 d-1	average from 40 monthly NEE_CUT_XX
	YY	gC m-2 y-1	average from 40 yearly NEE_CUT_XX
NEE_CUT_MEAN_QC			Quality flag for NEE_CUT_MEAN, fraction between 0-1 indicating percentage of good quality data
	HH	adimensional	average of percentages of good data (NEE_CUT_XX_QC is 0 or 1) from 40 NEE_CUT_XX_QC
	DD-YY	adimensional	average of 40 NEE_CUT_XX_QC for the period
NEE_VUT_MEAN_QC			Quality flag for NEE_VUT_MEAN, fraction between 0-1 indicating percentage of good quality data
	HH	adimensional	average of percentages of good data (NEE_VUT_XX_QC is 0 or 1) from 40 NEE_VUT_XX_QC
	DD-YY	adimensional	average of 40 NEE_VUT_XX_QC for the period
NEE_CUT_SE			Standard Error for NEE_CUT, calculated as SD (NEE_CUT_XX) / SQRT(40)
	HH	umolCO2 m-2 s-1	SE from 40 half-hourly NEE_CUT_XX
	DD	gC m-2 d-1	SE from 40 daily NEE_CUT_XX
	WW	gC m-2 d-1	SE from 40 weekly NEE_CUT_XX
	MM	gC m-2 d-1	SE from 40 monthly NEE_CUT_XX
	YY	gC m-2 y-1	SE from 40 yearly NEE_CUT_XX
NEE_VUT_SE			Standard Error for NEE_VUT, calculated as SD (NEE_VUT_XX) / SQRT(40)
	HH	umolCO2 m-2 s-1	SE from 40 half-hourly NEE_CUT_XX

	DD	gC m-2 d-1	SE from 40 daily NEE_CUT_XX
	WW	gC m-2 d-1	SE from 40 weekly NEE_CUT_XX
	MM	gC m-2 d-1	SE from 40 monthly NEE_CUT_XX
	YY	gC m-2 y-1	SE from 40 yearly NEE_CUT_XX
NEE_CUT_XX			NEE CUT percentiles (approx. percentile indicated by XX, see doc.) calculated from the 40 estimates aggregated at the different time resolutions -- XX = 05, 16, 25, 50, 75, 84, 95
	HH	umolCO2 m-2 s-1	XXth percentile from 40 half-hourly NEE_CUT_XX
	DD	gC m-2 d-1	XXth percentile from 40 daily NEE_CUT_XX
	WW	gC m-2 d-1	XXth percentile from 40 weekly NEE_CUT_XX
	MM	gC m-2 d-1	XXth percentile from 40 monthly NEE_CUT_XX
	YY	gC m-2 y-1	XXth percentile from 40 yearly NEE_CUT_XX
NEE_VUT_XX			NEE VUT percentiles (approx. percentile indicated by XX, see doc.) calculated from the 40 estimates aggregated at the different time resolutions -- XX = 05, 16, 25, 50, 75, 84, 95
	HH	umolCO2 m-2 s-1	XXth percentile from 40 half-hourly NEE_VUT_XX
	DD	gC m-2 d-1	XXth percentile from 40 daily NEE_VUT_XX
	WW	gC m-2 d-1	XXth percentile from 40 weekly NEE_VUT_XX
	MM	gC m-2 d-1	XXth percentile from 40 monthly NEE_VUT_XX
	YY	gC m-2 y-1	XXth percentile from 40 yearly NEE_VUT_XX
NEE_CUT_XX_QC			Quality flag for NEE_CUT_XX -- XX = 05, 16, 25, 50, 75, 84, 95
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_VUT_XX_QC			Quality flag for NEE_VUT_XX -- XX = 05, 16, 25, 50, 75, 84, 95
	HH	adimensional	0 = measured; 1 = good quality gapfill; 2 = medium; 3 = poor
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data



	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_CUT_REF_NIGHT			Average nighttime NEE, from NEE_CUT_REF
	HH		not produced
	DD	umolCO2 m-2 s-1	average from half-hourly data (where NIGHT is 1)
	WW-YY	umolCO2 m-2 s-1	average from daily data
NEE_VUT_REF_NIGHT			Average nighttime NEE, from NEE_VUT_REF
	HH		not produced
	DD	umolCO2 m-2 s-1	average from half-hourly data (where NIGHT is 1)
	WW-YY	umolCO2 m-2 s-1	average from daily data
NEE_CUT_REF_NIGHT_SD			Standard Deviation of the nighttime NEE, from the NEE_CUT_REF
	HH		not produced
	DD	umolCO2 m-2 s-1	from half-hourly data (where NIGHT is 1)
	WW-YY	umolCO2 m-2 s-1	from daily data
NEE_VUT_REF_NIGHT_SD			Standard Deviation of the nighttime NEE, from the NEE_VUT_REF
	HH		not produced
	DD	umolCO2 m-2 s-1	from half-hourly data (where NIGHT is 1)
	WW-YY	umolCO2 m-2 s-1	from daily data
NEE_CUT_REF_NIGHT_QC			Quality flag for NEE_CUT_REF_NIGHT
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_VUT_REF_NIGHT_QC			Quality flag for NEE_VUT_REF_NIGHT
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_CUT_REF_NIGHT_RANDUNC			Random uncertainty of NEE_CUT_REF_NIGHT, from the random uncertainty of the single nighttime half-hours

	HH		not produced
	DD-YY	umolCO2 m-2 s-1	from random uncertainty of individual half-hours where NIGHT is 1 (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used to calculate the nighttime aggregation in the day.
NEE_VUT_REF_NIGHT_RANDUNC			Random uncertainty of NEE_VUT_REF_NIGHT, from the random uncertainty of the single nighttime half-hours
	HH		not produced
	DD-YY	umolCO2 m-2 s-1	from random uncertainty of individual half-hours where NIGHT is 1 (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used to calculate the nighttime aggregation in the day.
NEE_CUT_REF_NIGHT_JOINTUNC			Joint uncertainty estimation for NEE_CUT_REF_NIGHT, including random uncertainty and USTAR filtering uncertainty
	HH		not produced
	DD	umolCO2 m-2 s-1	[SQRT(NEE_CUT_REF_NIGHT_RANDUNC^2 + ((NEE_CUT_84_NIGHT - NEE_CUT_16_NIGHT) / 2)^2)] for each day
	WW	umolCO2 m-2 s-1	[SQRT(NEE_CUT_REF_NIGHT_RANDUNC^2 + ((NEE_CUT_84_NIGHT - NEE_CUT_16_NIGHT) / 2)^2)] for each week
	MM	umolCO2 m-2 s-1	[SQRT(NEE_CUT_REF_NIGHT_RANDUNC^2 + ((NEE_CUT_84_NIGHT - NEE_CUT_16_NIGHT) / 2)^2)] for each month
	YY	umolCO2 m-2 s-1	[SQRT(NEE_CUT_REF_NIGHT_RANDUNC^2 + ((NEE_CUT_84_NIGHT - NEE_CUT_16_NIGHT) / 2)^2)] for each year
NEE_VUT_REF_NIGHT_JOINTUNC			Joint uncertainty estimation for NEE_VUT_REF_NIGHT, including random uncertainty and USTAR filtering uncertainty
	HH		not produced
	DD	umolCO2 m-2 s-1	[SQRT(NEE_VUT_REF_NIGHT_RANDUNC^2 + ((NEE_VUT_84_NIGHT - NEE_VUT_16_NIGHT) / 2)^2)] for each day
	WW	umolCO2 m-2 s-1	[SQRT(NEE_VUT_REF_NIGHT_RANDUNC^2 + ((NEE_VUT_84_NIGHT - NEE_VUT_16_NIGHT) / 2)^2)] for each week
	MM	umolCO2 m-2 s-1	[SQRT(NEE_VUT_REF_NIGHT_RANDUNC^2 + ((NEE_VUT_84_NIGHT - NEE_VUT_16_NIGHT) / 2)^2)] for each month

	YY	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_VUT\_REF\_NIGHT\_RANDUNC}^2 + ((\text{NEE\_VUT\_84\_NIGHT} - \text{NEE\_VUT\_16\_NIGHT}) / 2)^2)]$ for each year
NEE_CUT_REF_DAY			Average daytime NEE, from NEE_CUT_REF
	HH		not produced
	DD	umolCO2 m-2 s-1	average from half-hourly data (where NIGHT is 0)
	WW-YY	umolCO2 m-2 s-1	average from daily data
NEE_VUT_REF_DAY			Average daytime NEE, from NEE_VUT_REF
	HH		not produced
	DD	umolCO2 m-2 s-1	average from half-hourly data (where NIGHT is 0)
	WW-YY	umolCO2 m-2 s-1	average from daily data
NEE_CUT_REF_DAY_SD			Standard Deviation of the daytime NEE, from the NEE_CUT_REF
	HH		not produced
	DD	umolCO2 m-2 s-1	from half-hourly data (where NIGHT is 0)
	WW-YY	umolCO2 m-2 s-1	from daily data
NEE_VUT_REF_DAY_SD			Standard Deviation of the daytime NEE, from the NEE_VUT_REF
	HH		not produced
	DD	umolCO2 m-2 s-1	from half-hourly data (where NIGHT is 0)
	WW-YY	umolCO2 m-2 s-1	from daily data
NEE_CUT_REF_DAY_QC			Quality flag for NEE_CUT_REF_DAY
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_VUT_REF_DAY_QC			Quality flag for NEE_VUT_REF_DAY
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_CUT_REF_DAY_RANDUNC			Random uncertainty of NEE_CUT_REF_DAY, from the random uncertainty of the single daytime half-hours

	HH		not produced
	DD-YY	umolCO2 m-2 s-1	from random uncertainty of individual half-hours where NIGHT is 0 (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used to calculate the daytime aggregation in the day.
NEE_VUT_REF_DAY_RANDUNC			Random uncertainty of NEE_VUT_REF_DAY, from the random uncertainty of the single daytime half-hours
	HH		not produced
	DD-YY	umolCO2 m-2 s-1	from random uncertainty of individual half-hours where NIGHT is 0 (rand(i)) = [SQRT(SUM(rand(i)^2)) / n], where n is the number of half-hours used to calculate the daytime aggregation in the day.
NEE_CUT_REF_DAY_JOINTUNC			Joint uncertainty estimation for NEE_CUT_REF_DAY, including random uncertainty and USTAR filtering uncertainty
	HH		not produced
	DD	umolCO2 m-2 s-1	[SQRT(NEE_CUT_REF_DAY_RANDUNC^2 + ((NEE_CUT_84_DAY - NEE_CUT_16_DAY) / 2)^2)] for each day
	WW	umolCO2 m-2 s-1	[SQRT(NEE_CUT_REF_DAY_RANDUNC^2 + ((NEE_CUT_84_DAY - NEE_CUT_16_DAY) / 2)^2)] for each week
	MM	umolCO2 m-2 s-1	[SQRT(NEE_CUT_REF_DAY_RANDUNC^2 + ((NEE_CUT_84_DAY - NEE_CUT_16_DAY) / 2)^2)] for each month
	YY	umolCO2 m-2 s-1	[SQRT(NEE_CUT_REF_DAY_RANDUNC^2 + ((NEE_CUT_84_DAY - NEE_CUT_16_DAY) / 2)^2)] for each year
NEE_VUT_REF_DAY_JOINTUNC			Joint uncertainty estimation for NEE_VUT_REF_DAY, including random uncertainty and USTAR filtering uncertainty
	HH		not produced
	DD	umolCO2 m-2 s-1	[SQRT(NEE_VUT_REF_DAY_RANDUNC^2 + ((NEE_VUT_84_DAY - NEE_VUT_16_DAY) / 2)^2)] for each day
	WW	umolCO2 m-2 s-1	[SQRT(NEE_VUT_REF_DAY_RANDUNC^2 + ((NEE_VUT_84_DAY - NEE_VUT_16_DAY) / 2)^2)] for each week
	MM	umolCO2 m-2 s-1	[SQRT(NEE_VUT_REF_DAY_RANDUNC^2 + ((NEE_VUT_84_DAY - NEE_VUT_16_DAY) / 2)^2)] for each month

	YY	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_VUT\_REF\_DAY\_RANDUNC}^2 + ((\text{NEE\_VUT\_84\_DAY} - \text{NEE\_VUT\_16\_DAY}) / 2)^2)]$ for each year
NEE_CUT_USTAR50_NIGHT			Average nighttime NEE, from NEE_CUT_USTAR50
	HH		not produced
	DD	umolCO2 m-2 s-1	average from half-hourly data (where NIGHT is 1)
	WW-YY	umolCO2 m-2 s-1	average from daily data
NEE_VUT_USTAR50_NIGHT			Average nighttime NEE, from NEE_VUT_USTAR50
	HH		not produced
	DD	umolCO2 m-2 s-1	average from half-hourly data (where NIGHT is 1)
	WW-YY	umolCO2 m-2 s-1	average from daily data
NEE_CUT_USTAR50_NIGHT_SD			Standard Deviation of the nighttime NEE, from the NEE_CUT_USTAR50
	HH		not produced
	DD	umolCO2 m-2 s-1	from half-hourly data (where NIGHT is 1)
	WW-YY	umolCO2 m-2 s-1	from daily data
NEE_VUT_USTAR50_NIGHT_SD			Standard Deviation of the nighttime NEE, from the NEE_VUT_USTAR50
	HH		not produced
	DD	umolCO2 m-2 s-1	from half-hourly data (where NIGHT is 1)
	WW-YY	umolCO2 m-2 s-1	from daily data
NEE_CUT_USTAR50_NIGHT_QC			Quality flag for NEE_CUT_USTAR50_NIGHT
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_VUT_USTAR50_NIGHT_QC			Quality flag for NEE_VUT_USTAR50_NIGHT
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)

NEE_CUT_USTAR50_NIGHT_RANDUNC		Random uncertainty of NEE_CUT_USTAR50_NIGHT, from the random uncertainty of the single nighttime half-hours
HH		not produced
DD-YY	umolCO2 m-2 s-1	from random uncertainty of individual half-hours where NIGHT is 1 ( $\text{rand}(i) = [\text{SQRT}(\text{SUM}(\text{rand}(i)^2)) / n]$ ), where n is the number of half-hours used to calculate the nighttime aggregation in the day.
NEE_VUT_USTAR50_NIGHT_RANDUNC		Random uncertainty of NEE_VUT_USTAR50_NIGHT, from the random uncertainty of the single nighttime half-hours
HH		not produced
DD-YY	umolCO2 m-2 s-1	from random uncertainty of individual half-hours where NIGHT is 1 ( $\text{rand}(i) = [\text{SQRT}(\text{SUM}(\text{rand}(i)^2)) / n]$ ), where n is the number of half-hours used to calculate the nighttime aggregation in the day.
NEE_CUT_USTAR50_NIGHT_JOINTUNC		Joint uncertainty estimation for NEE_CUT_USTAR50_NIGHT, including random uncertainty and USTAR filtering uncertainty
HH		not produced
DD	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_NIGHT\_RANDUNC}^2 + ((\text{NEE\_CUT\_84\_NIGHT} - \text{NEE\_CUT\_16\_NIGHT}) / 2)^2)]$ for each day
WW	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_NIGHT\_RANDUNC}^2 + ((\text{NEE\_CUT\_84\_NIGHT} - \text{NEE\_CUT\_16\_NIGHT}) / 2)^2)]$ for each week
MM	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_NIGHT\_RANDUNC}^2 + ((\text{NEE\_CUT\_84\_NIGHT} - \text{NEE\_CUT\_16\_NIGHT}) / 2)^2)]$ for each month
YY	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_NIGHT\_RANDUNC}^2 + ((\text{NEE\_CUT\_84\_NIGHT} - \text{NEE\_CUT\_16\_NIGHT}) / 2)^2)]$ for each year
NEE_VUT_USTAR50_NIGHT_JOINTUNC		Joint uncertainty estimation for NEE_VUT_USTAR50_NIGHT, including random uncertainty and USTAR filtering uncertainty
HH		not produced

	DD	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_VUT\_USTAR50\_NIGHT\_RANDUNC}^2 + ((\text{NEE\_VUT\_84\_NIGHT} - \text{NEE\_VUT\_16\_NIGHT}) / 2)^2)]$ for each day
	WW	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_VUT\_USTAR50\_NIGHT\_RANDUNC}^2 + ((\text{NEE\_VUT\_84\_NIGHT} - \text{NEE\_VUT\_16\_NIGHT}) / 2)^2)]$ for each week
	MM	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_VUT\_USTAR50\_NIGHT\_RANDUNC}^2 + ((\text{NEE\_VUT\_84\_NIGHT} - \text{NEE\_VUT\_16\_NIGHT}) / 2)^2)]$ for each month
	YY	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_VUT\_USTAR50\_NIGHT\_RANDUNC}^2 + ((\text{NEE\_VUT\_84\_NIGHT} - \text{NEE\_VUT\_16\_NIGHT}) / 2)^2)]$ for each year
NEE_CUT_USTAR50_DAY			Average daytime NEE, from NEE_CUT_USTAR50
	HH		not produced
	DD	umolCO2 m-2 s-1	average from half-hourly data (where NIGHT is 0)
	WW-YY	umolCO2 m-2 s-1	average from daily data
NEE_VUT_USTAR50_DAY			Average daytime NEE, from NEE_VUT_USTAR50
	HH		not produced
	DD	umolCO2 m-2 s-1	average from half-hourly data (where NIGHT is 0)
	WW-YY	umolCO2 m-2 s-1	average from daily data
NEE_CUT_USTAR50_DAY_SD			Standard Deviation of the daytime NEE, from the NEE_CUT_USTAR50
	HH		not produced
	DD	umolCO2 m-2 s-1	from half-hourly data (where NIGHT is 0)
	WW-YY	umolCO2 m-2 s-1	from daily data
NEE_VUT_USTAR50_DAY_SD			Standard Deviation of the daytime NEE, from the NEE_VUT_USTAR50
	HH		not produced
	DD	umolCO2 m-2 s-1	from half-hourly data (where NIGHT is 0)
	WW-YY	umolCO2 m-2 s-1	from daily data
NEE_CUT_USTAR50_DAY_QC			Quality flag for NEE_CUT_USTAR50_DAY
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data

	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_VUT_USTAR50_DAY_QC			Quality flag for NEE_VUT_USTAR50_DAY
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_CUT_USTAR50_DAY_RANDUNC			Random uncertainty of NEE_CUT_USTAR50_DAY, from the random uncertainty of the single daytime half-hours
	HH		not produced
	DD-YY	umolCO2 m-2 s-1	from random uncertainty of individual half-hours where NIGHT is 0 ( $\text{rand}(i) = [\text{SQRT}(\text{SUM}(\text{rand}(i)^2)) / n]$ ), where n is the number of half-hours used to calculate the daytime aggregation in the day.
NEE_VUT_USTAR50_DAY_RANDUNC			Random uncertainty of NEE_VUT_USTAR50_DAY, from the random uncertainty of the single daytime half-hours
	HH		not produced
	DD-YY	umolCO2 m-2 s-1	from random uncertainty of individual half-hours where NIGHT is 0 ( $\text{rand}(i) = [\text{SQRT}(\text{SUM}(\text{rand}(i)^2)) / n]$ ), where n is the number of half-hours used to calculate the daytime aggregation in the day.
NEE_CUT_USTAR50_DAY_JOINTUNC			Joint uncertainty estimation for NEE_CUT_USTAR50_DAY, including random uncertainty and USTAR filtering uncertainty
	HH		not produced
	DD	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_DAY\_RANDUNC}^2 + ((\text{NEE\_CUT\_84\_DAY} - \text{NEE\_CUT\_16\_DAY}) / 2)^2)]$ for each day
	WW	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_DAY\_RANDUNC}^2 + ((\text{NEE\_CUT\_84\_DAY} - \text{NEE\_CUT\_16\_DAY}) / 2)^2)]$ for each week
	MM	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_DAY\_RANDUNC}^2 + ((\text{NEE\_CUT\_84\_DAY} - \text{NEE\_CUT\_16\_DAY}) / 2)^2)]$ for each month



	YY	umolCO2 m-2 s-1	$[\text{SQRT}(\text{NEE\_CUT\_USTAR50\_DAY\_RANDUNC}^2 + ((\text{NEE\_CUT\_84\_DAY} - \text{NEE\_CUT\_16\_DAY}) / 2)^2)]$ for each year
NEE_VUT_USTAR50_DAY_JOINTUNC			Joint uncertainty estimation for NEE_VUT_USTAR50_DAY, including random uncertainty and USTAR filtering uncertainty
	HH		not produced
	DD	umolCO2 m-2 s-1	$\text{SQRT}(\text{NEE\_VUT\_USTAR50\_DAY\_RANDUNC}^2 + ((\text{NEE\_VUT\_84\_DAY} - \text{NEE\_VUT\_16\_DAY}) / 2)^2)$ for each day
	WW	umolCO2 m-2 s-1	$\text{SQRT}(\text{NEE\_VUT\_USTAR50\_DAY\_RANDUNC}^2 + ((\text{NEE\_VUT\_84\_DAY} - \text{NEE\_VUT\_16\_DAY}) / 2)^2)$ for each week
	MM	umolCO2 m-2 s-1	$\text{SQRT}(\text{NEE\_VUT\_USTAR50\_DAY\_RANDUNC}^2 + ((\text{NEE\_VUT\_84\_DAY} - \text{NEE\_VUT\_16\_DAY}) / 2)^2)$ for each month
	YY	umolCO2 m-2 s-1	$\text{SQRT}(\text{NEE\_VUT\_USTAR50\_DAY\_RANDUNC}^2 + ((\text{NEE\_VUT\_84\_DAY} - \text{NEE\_VUT\_16\_DAY}) / 2)^2)$ for each year
NEE_CUT_XX_NIGHT			NEE CUT nighttime percentiles (approx. percentile indicated by XX, see doc.) calculated from the 40 estimates aggregated at the different time resolutions -- XX = 05, 16, 25, 50, 75, 84, 95
	HH		not produced
	DD	umolCO2 m-2 s-1	XXth nighttime percentile from 40 daily NEE_CUT_XX_NIGHT
	WW	umolCO2 m-2 s-1	XXth nighttime percentile from 40 weekly NEE_CUT_XX_NIGHT
	MM	umolCO2 m-2 s-1	XXth nighttime percentile from 40 monthly NEE_CUT_XX_NIGHT
	YY	umolCO2 m-2 s-1	XXth nighttime percentile from 40 yearly NEE_CUT_XX_NIGHT
NEE_VUT_XX_NIGHT			NEE VUT nighttime percentiles (approx. percentile indicated by XX, see doc.) calculated from the 40 estimates aggregated at the different time resolutions -- XX = 05, 16, 25, 50, 75, 84, 95
	HH		not produced
	DD	umolCO2 m-2 s-1	XXth nighttime percentile from 40 daily NEE_VUT_XX_NIGHT
	WW	umolCO2 m-2 s-1	XXth nighttime percentile from 40 weekly NEE_VUT_XX_NIGHT

	MM	umolCO2 m-2 s-1	XXth nighttime percentile from 40 monthly NEE_VUT_XX_NIGHT
	YY	umolCO2 m-2 s-1	XXth nighttime percentile from 40 yearly NEE_VUT_XX_NIGHT
NEE_CUT_XX_NIGHT_QC			Quality flag for NEE_CUT_XX_NIGHT -- XX = 05, 16, 25, 50, 75, 84, 95
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_VUT_XX_NIGHT_QC			Quality flag for NEE_VUT_XX_NIGHT -- XX = 05, 16, 25, 50, 75, 84, 95
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_CUT_XX_DAY			NEE CUT daytime percentiles (approx. percentile indicated by XX, see doc.) calculated from the 40 estimates aggregated at the different time resolutions -- XX = 05, 16, 25, 50, 75, 84, 95
	HH		not produced
	DD	umolCO2 m-2 s-1	XXth daytime percentile from 40 daily NEE_CUT_XX_DAY
	WW	umolCO2 m-2 s-1	XXth daytime percentile from 40 weekly NEE_CUT_XX_DAY
	MM	umolCO2 m-2 s-1	XXth daytime percentile from 40 monthly NEE_CUT_XX_DAY
	YY	umolCO2 m-2 s-1	XXth daytime percentile from 40 yearly NEE_CUT_XX_DAY
NEE_VUT_XX_DAY			NEE VUT daytime percentiles (approx. percentile indicated by XX, see doc.) calculated from the 40 estimates aggregated at the different time resolutions -- XX = 05, 16, 25, 50, 75, 84, 95
	HH		not produced
	DD	umolCO2 m-2 s-1	XXth daytime percentile from 40 daily NEE_VUT_XX_DAY

	WW	umolCO2 m-2 s-1	XXth daytime percentile from 40 weekly NEE_VUT_XX_DAY
	MM	umolCO2 m-2 s-1	XXth daytime percentile from 40 monthly NEE_VUT_XX_DAY
	YY	umolCO2 m-2 s-1	XXth daytime percentile from 40 yearly NEE_VUT_XX_DAY
NEE_CUT_XX_DAY_QC			Quality flag for NEE_CUT_XX_DAY -- XX = 05, 16, 25, 50, 75, 84, 95
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
NEE_VUT_XX_DAY_QC			Quality flag for NEE_VUT_XX_DAY -- XX = 05, 16, 25, 50, 75, 84, 95
	HH		not produced
	DD	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data
	WW-YY	adimensional	fraction between 0-1, indicating percentage of measured and good quality gapfill data (average from daily data)
	<b>PARTITIONING</b>		
	<b>NIGHTTIME</b>		
RECO_NT_VUT_REF			Ecosystem Respiration, from Nighttime partitioning method, reference selected from RECO versions using model efficiency (MEF). The MEF analysis is repeated for each time aggregation
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
RECO_NT_VUT_USTAR50			Ecosystem Respiration, from Nighttime partitioning method, based on NEE_VUT_USTAR50
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data

RECO_NT_VUT_MEAN			Ecosystem Respiration, from Nighttime partitioning method, average from RECO versions, each from corresponding NEE_VUT_XX version
	HH	umolCO2 m-2 s-1	average from 40 half-hourly RECO_NT_VUT_XX
	DD	gC m-2 d-1	average from 40 daily RECO_NT_VUT_XX
	WW	gC m-2 d-1	average from 40 weekly RECO_NT_VUT_XX
	MM	gC m-2 d-1	average from 40 monthly RECO_NT_VUT_XX
	YY	gC m-2 y-1	average from 40 yearly RECO_NT_VUT_XX
RECO_NT_VUT_SE			Standard Error for Ecosystem Respiration, calculated as $(SD(RECO\_NT\_VUT\_XX) / \sqrt{40})$
	HH	umolCO2 m-2 s-1	SE from 40 half-hourly RECO_NT_VUT_XX
	DD	gC m-2 d-1	SE from 40 daily RECO_NT_VUT_XX
	WW	gC m-2 d-1	SE from 40 weekly RECO_NT_VUT_XX
	MM	gC m-2 d-1	SE from 40 monthly RECO_NT_VUT_XX
	YY	gC m-2 y-1	SE from 40 yearly RECO_NT_VUT_XX
RECO_NT_VUT_XX			Ecosystem Respiration, from Nighttime partitioning method (with XX = 05, 16, 25, 50, 75, 84, 95)
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
RECO_NT_CUT_REF			Ecosystem Respiration, from Nighttime partitioning method, reference selected from RECO versions using model efficiency (MEF). The MEF analysis is repeated for each time aggregation
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
RECO_NT_CUT_USTAR50			Ecosystem Respiration, from Nighttime partitioning method, based on NEE_CUT_USTAR50
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data

RECO_NT_CUT_MEAN			Ecosystem Respiration, from Nighttime partitioning method, average from RECO versions, each from corresponding NEE_CUT_XX version
	HH	umolCO2 m-2 s-1	average from 40 half-hourly RECO_NT_CUT_XX
	DD	gC m-2 d-1	average from 40 daily RECO_NT_CUT_XX
	WW	gC m-2 d-1	average from 40 weekly RECO_NT_CUT_XX
	MM	gC m-2 d-1	average from 40 monthly RECO_NT_CUT_XX
	YY	gC m-2 y-1	average from 40 yearly RECO_NT_CUT_XX
RECO_NT_CUT_SE			Standard Error for Ecosystem Respiration, calculated as $(SD(RECO\_NT\_CUT\_XX) / \sqrt{40})$
	HH	umolCO2 m-2 s-1	SE from 40 half-hourly RECO_NT_CUT_XX
	DD	gC m-2 d-1	SE from 40 daily RECO_NT_CUT_XX
	WW	gC m-2 d-1	SE from 40 weekly RECO_NT_CUT_XX
	MM	gC m-2 d-1	SE from 40 monthly RECO_NT_CUT_XX
	YY	gC m-2 y-1	SE from 40 yearly RECO_NT_CUT_XX
RECO_NT_CUT_XX			Ecosystem Respiration, from Nighttime partitioning method (with XX = 05, 16, 25, 50, 75, 84, 95)
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
GPP_NT_VUT_REF			Gross Primary Production, from Nighttime partitioning method, reference selected from GPP versions using model efficiency (MEF). The MEF analysis is repeated for each time aggregation
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
GPP_NT_VUT_USTAR50			Gross Primary Production, from Nighttime partitioning method, based on NEE_VUT_USTAR50
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data

GPP_NT_VUT_MEAN			Gross Primary Production, from Nighttime partitioning method, average from GPP versions, each from corresponding NEE_VUT_XX version
	HH	umolCO2 m-2 s-1	average from 40 half-hourly GPP_NT_VUT_XX
	DD	gC m-2 d-1	average from 40 daily GPP_NT_VUT_XX
	WW	gC m-2 d-1	average from 40 weekly GPP_NT_VUT_XX
	MM	gC m-2 d-1	average from 40 monthly GPP_NT_VUT_XX
	YY	gC m-2 y-1	average from 40 yearly GPP_NT_VUT_XX
GPP_NT_VUT_SE			Standard Error for Gross Primary Production, calculated as $(SD(GPP\_NT\_VUT\_XX) / \sqrt{40})$
	HH	umolCO2 m-2 s-1	SE from 40 half-hourly GPP_NT_VUT_XX
	DD	gC m-2 d-1	SE from 40 daily GPP_NT_VUT_XX
	WW	gC m-2 d-1	SE from 40 weekly GPP_NT_VUT_XX
	MM	gC m-2 d-1	SE from 40 monthly GPP_NT_VUT_XX
	YY	gC m-2 y-1	SE from 40 yearly GPP_NT_VUT_XX
GPP_NT_VUT_XX			Gross Primary Production, from Nighttime partitioning method (with XX = 05, 16, 25, 50, 75, 84, 95)
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
GPP_NT_CUT_REF			Gross Primary Production, from Nighttime partitioning method, reference selected from GPP versions using model efficiency (MEF). The MEF analysis is repeated for each time aggregation
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
GPP_NT_CUT_USTAR50			Gross Primary Production, from Nighttime partitioning method, based on NEE_CUT_USTAR50
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data

	YY	gC m-2 y-1	sum from daily data
GPP_NT_CUT_MEAN			Gross Primary Production, from Nighttime partitioning method, average from GPP versions, each from corresponding NEE_CUT_XX version
	HH	umolCO2 m-2 s-1	average from 40 half-hourly GPP_NT_CUT_XX
	DD	gC m-2 d-1	average from 40 daily GPP_NT_CUT_XX
	WW	gC m-2 d-1	average from 40 weekly GPP_NT_CUT_XX
	MM	gC m-2 d-1	average from 40 monthly GPP_NT_CUT_XX
	YY	gC m-2 y-1	average from 40 yearly GPP_NT_CUT_XX
GPP_NT_CUT_SE			Standard Error for Gross Primary Production, calculated as $(SD(GPP\_NT\_CUT\_XX) / \sqrt{40})$
	HH	umolCO2 m-2 s-1	SE from 40 half-hourly GPP_NT_CUT_XX
	DD	gC m-2 d-1	SE from 40 daily GPP_NT_CUT_XX
	WW	gC m-2 d-1	SE from 40 weekly GPP_NT_CUT_XX
	MM	gC m-2 d-1	SE from 40 monthly GPP_NT_CUT_XX
	YY	gC m-2 y-1	SE from 40 yearly GPP_NT_CUT_XX
GPP_NT_CUT_XX			Gross Primary Production, from Nighttime partitioning method (with XX = 05, 16, 25, 50, 75, 84, 95)
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
<b>DAYTIME</b>			
RECO_DT_VUT_REF			Ecosystem Respiration, from Daytime partitioning method, reference selected from RECO versions using model efficiency (MEF). The MEF analysis is repeated for each time aggregation
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
RECO_DT_VUT_USTAR50			Ecosystem Respiration, from Daytime partitioning method, based on NEE_VUT_USTAR50
	HH	umolCO2 m-2 s-1	

	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
RECO_DT_VUT_MEAN			Ecosystem Respiration, from Daytime partitioning method, average from RECO versions, each from corresponding NEE_VUT_XX version
	HH	umolCO2 m-2 s-1	average from 40 half-hourly RECO_DT_VUT_XX
	DD	gC m-2 d-1	average from 40 daily RECO_DT_VUT_XX
	WW	gC m-2 d-1	average from 40 weekly RECO_DT_VUT_XX
	MM	gC m-2 d-1	average from 40 monthly RECO_DT_VUT_XX
	YY	gC m-2 y-1	average from 40 yearly RECO_DT_VUT_XX
RECO_DT_VUT_SE			Standard Error for Ecosystem Respiration, calculated as $(SD(RECO\_DT\_VUT\_XX) / \sqrt{40})$
	HH	umolCO2 m-2 s-1	SE from 40 half-hourly RECO_DT_CUT_XX
	DD	gC m-2 d-1	SE from 40 daily RECO_DT_VUT_XX
	WW	gC m-2 d-1	SE from 40 weekly RECO_DT_VUT_XX
	MM	gC m-2 d-1	SE from 40 monthly RECO_DT_VUT_XX
	YY	gC m-2 y-1	SE from 40 yearly RECO_DT_VUT_XX
RECO_DT_VUT_XX			Ecosystem Respiration, from Daytime partitioning method (with XX = 05, 16, 25, 50, 75, 84, 95)
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
RECO_DT_CUT_REF			Ecosystem Respiration, from Daytime partitioning method, reference selected from RECO versions using model efficiency (MEF). The MEF analysis is repeated for each time aggregation
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
RECO_DT_CUT_USTAR50			Ecosystem Respiration, from Daytime partitioning method, based on NEE_CUT_USTAR50
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data



	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
RECO_DT_CUT_MEAN			Ecosystem Respiration, from Daytime partitioning method, average from RECO versions, each from corresponding NEE_CUT_XX version
	HH	umolCO2 m-2 s-1	average from 40 half-hourly RECO_DT_CUT_XX
	DD	gC m-2 d-1	average from 40 daily RECO_DT_CUT_XX
	WW	gC m-2 d-1	average from 40 weekly RECO_DT_CUT_XX
	MM	gC m-2 d-1	average from 40 monthly RECO_DT_CUT_XX
	YY	gC m-2 y-1	average from 40 yearly RECO_DT_CUT_XX
RECO_DT_CUT_SE			Standard Error for Ecosystem Respiration, calculated as (SD(RECO_DT_CUT_XX) / SQRT (40))
	HH	umolCO2 m-2 s-1	SE from 40 half-hourly RECO_DT_CUT_XX
	DD	gC m-2 d-1	SE from 40 daily RECO_DT_CUT_XX
	WW	gC m-2 d-1	SE from 40 weekly RECO_DT_CUT_XX
	MM	gC m-2 d-1	SE from 40 monthly RECO_DT_CUT_XX
	YY	gC m-2 y-1	SE from 40 yearly RECO_DT_CUT_XX
RECO_DT_CUT_XX			Ecosystem Respiration, from Daytime partitioning method (with XX = 05, 16, 25, 50, 75, 84, 95)
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
GPP_DT_VUT_REF			Gross Primary Production, from Daytime partitioning method, reference selected from GPP versions using model efficiency (MEF). The MEF analysis is repeated for each time aggregation
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
GPP_DT_VUT_USTAR50			Gross Primary Production, from Daytime partitioning method, based on NEE_VUT_USTAR50
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data

	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
GPP_DT_VUT_MEAN			Gross Primary Production, from Daytime partitioning method, average from GPP versions, each from corresponding NEE_VUT_XX version
	HH	umolCO2 m-2 s-1	average from 40 half-hourly GPP_DT_VUT_XX
	DD	gC m-2 d-1	average from 40 daily GPP_DT_VUT_XX
	WW	gC m-2 d-1	average from 40 weekly GPP_DT_VUT_XX
	MM	gC m-2 d-1	average from 40 monthly GPP_DT_VUT_XX
	YY	gC m-2 y-1	average from 40 yearly GPP_DT_VUT_XX
GPP_DT_VUT_SE			Standard Error for Gross Primary Production, calculated as $(SD(GPP\_DT\_VUT\_XX) / \sqrt{40})$
	HH	umolCO2 m-2 s-1	SE from 40 half-hourly GPP_DT_VUT_XX
	DD	gC m-2 d-1	SE from 40 daily GPP_DT_VUT_XX
	WW	gC m-2 d-1	SE from 40 weekly GPP_DT_VUT_XX
	MM	gC m-2 d-1	SE from 40 monthly GPP_DT_VUT_XX
	YY	gC m-2 y-1	SE from 40 yearly GPP_DT_VUT_XX
GPP_DT_VUT_XX			Gross Primary Production, from Daytime partitioning method (with XX = 05, 16, 25, 50, 75, 84, 95)
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
GPP_DT_CUT_REF			Gross Primary Production, from Daytime partitioning method, reference selected from GPP versions using model efficiency (MEF). The MEF analysis is repeated for each time aggregation
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
GPP_DT_CUT_USTAR50			Gross Primary Production, from Daytime partitioning method, based on NEE_CUT_USTAR50
	HH	umolCO2 m-2 s-1	

	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
GPP_DT_CUT_MEAN			Gross Primary Production, from Daytime partitioning method, average from GPP versions, each from corresponding NEE_CUT_XX version
	HH	umolCO2 m-2 s-1	average from 40 half-hourly GPP_DT_CUT_XX
	DD	gC m-2 d-1	average from 40 daily GPP_DT_CUT_XX
	WW	gC m-2 d-1	average from 40 weekly GPP_DT_CUT_XX
	MM	gC m-2 d-1	average from 40 monthly GPP_DT_CUT_XX
	YY	gC m-2 y-1	average from 40 yearly GPP_DT_CUT_XX
GPP_DT_CUT_SE			Standard Error for Gross Primary Production, calculated as $(SD(GPP\_DT\_CUT\_XX) / \sqrt{40})$
	HH	umolCO2 m-2 s-1	SE from 40 half-hourly GPP_DT_CUT_XX
	DD	gC m-2 d-1	SE from 40 daily GPP_DT_CUT_XX
	WW	gC m-2 d-1	SE from 40 weekly GPP_DT_CUT_XX
	MM	gC m-2 d-1	SE from 40 monthly GPP_DT_CUT_XX
	YY	gC m-2 y-1	SE from 40 yearly GPP_DT_CUT_XX
GPP_DT_CUT_XX			Gross Primary Production, from Daytime partitioning method (with XX = 05, 16, 25, 50, 75, 84, 95)
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
<b>SUNDOWN</b>			
RECO_SR			Ecosystem Respiration, from Sundown Respiration partitioning method
	HH	umolCO2 m-2 s-1	
	DD	gC m-2 d-1	calculated from half-hourly data
	WW-MM	gC m-2 d-1	average from daily data
	YY	gC m-2 y-1	sum from daily data
RECO_SR_N			Fraction between 0-1, indicating the percentage of data available in the averaging period to parametrize the respiration model

HH		not produced
DD-YY	adimensional	percentage of data available