

Variable	Description	Units							
SITE_ID	Six character site identifier. MANDATORY if site is already registered	CC-xxx	US-Amp						
SITE_NAME	Site name	free text	AmeriFlux Management Project						
SUBMISSION_CONTACT_NAME	Name of person who submitted this template	free text	Deb Agarwal						
SUBMISSION_CONTACT_EMAIL	E-mail address of the person who submitted this template	free text	daagarwal@lbl.gov						
SUBMISSION_DATE	Date this submission was last edited/modified.	YYYYMMDD		20141002					
TEAM_MEMBER_NAME	Site tower team member name (First Last/Family).	free text	Margaret Torn	Sebastian Biraud	Deb Agarwal				
TEAM_MEMBER_ROLE	Site tower team member role	LIST(TEAM_ROLE)	PI	FluxContact	DataManager				
TEAM_MEMBER_EMAIL	Site tower team member email	free text	mstorn@lbl.gov	scbiraud@lbl.gov	daagarwal@lbl.gov				
TEAM_MEMBER_INSTITUTION	Site tower team member institution (required for PI only)	free text	Lawrence Berkeley National Laboratory	Lawrence Berkeley National Laboratory	Lawrence Berkeley National Laboratory				
TEAM_MEMBER_ADDRESS	Site tower team member address (not required)	free text	1 Cyclotron Rd, Berkeley CA 94720						
SHIPPING_ADDRESS	Site tower shipping address	free text	1 Cyclotron Rd, Berkeley CA 94720						
NETWORK	Network affiliation(s) of the site.	LIST(NETWORK)	AmeriFlux						
FLUX_MEASUREMENTS_METHOD	Method used to measure the flux variables	LIST(FLUX_METHOD)	Eddy Covariance	Eddy Covariance	Eddy Covariance			Other	Chambers
FLUX_MEASUREMENTS_VARIABLE	Flux variable measured	LIST(FLUX_VARIABLE)	CO2	H2O	H			Aerosols	CH4
FLUX_MEASUREMENTS_DATE_START	Date when data collection for the reported flux variable/method started.	YYYYMMDD	20060413	20060413	20060413			20060413	20120520
FLUX_MEASUREMENTS_DATE_END	Date when data collection for the reported flux variable/method ended	YYYYMMDD							20130520
FLUX_MEASUREMENTS_OPERATIONS	Operational status of flux measurements.	LIST(FLUX_OPERATIONS)	Continuous operation	Continuous operation	Continuous operation			Continuous operation	Planned
FLUX_MEASUREMENTS_COMMENT	Flux measurements comments	free text						Trailer on site with particle counters.	Expect to install in spring of 2015
STATE	State or province	LIST(STATE_PROVINCE)	CA						
SITE_DESC	Short description of the site characteristics and history	free text	This (hypothetical) tower is located at Lawrence Berkeley Lab, a complex of dozens of buildings constructed over 200 acres in the Berkeley hills beginning in 1940. Unbuilt areas are subject to annual grazing by goats for fire hazard reduction. A multi-year drought began in 2012.						
RESEARCH_TOPIC	Site research topics	free text	Flux data processing, instrument QA/QC						
SITE_FUNDING	Site funding agencies/institutions (one column only)	free text	DOE BER						
LOCATION_LAT	Latitude of the site.	decimal deg ref WGS84		37.8765	37.8762				
LOCATION_LONG	Longitude of the site	decimal deg ref WGS84		-122.2536	-122.2531				
LOCATION_ELEV	Elevation of the site above sea level	m		710	680				
LOCATION_DATE_START	Begin date of the location information	YYYYMMDD			20141001				
LOCATION_COMMENT	Location information comments	free text	The (hypothetical) tower was moved to this new, nearby location on 20141001. The footprints largely overlap.						
IGBP	Vegetation type based on the IGBP definition.	LIST(IGBP)	URB						
IGBP_DATE_START	Date when this vegetation type first applied	YYYYMMDD							
IGBP_COMMENT	Vegetation type comments	free text							
LAND_OWNERSHIP	Land ownership type	LIST(LAND_OWNERSHIP)	public						
LAND_OWNER	Land owner	free text	UC Regents						
URL	Tower web site URL (maintained by tower team)	URL	http://ameriflux.lbl.gov						
ACKNOWLEDGEMENT	Acknowledgement text (88 character limit)	free text	Supported by U.S. DOE, under Contract No. DE-AC02-05CH11231 to LBNL.						
ACKNOWLEDGEMENT_COMMENT	Additional information about the acknowledgement	free text	Acknowledge the AmeriFlux Management Project						
UTC_OFFSET	Offset from UTC of site data	hours		-8					
UTC_OFFSET_DATE_START	Begin date of the UTC offset	YYYYMMDDHHMM							
UTC_OFFSET_COMMENT	Offset from UTC comments	free text							
MAT	Climatological long-term mean annual average air temperature	degrees C		27					
MAP	Climatological long-term mean annual average precipitation	mm		457.2					
CLIMATE_KOEPPE	Köppen climate classification	LIST(CLIMATE_KOEPPE)	Csa						
TERRAIN	Slope and/or relief of the site	LIST(TERRAIN)	Significant Slope (>5%, <10%)						
ASPECT	Direction the site is facing (Exposure)	LIST(ASPECT)	W						
WIND_DIRECTION	Prevailing wind direction	LIST(DIR)	W						
SURFACE_HOMOGENEITY	Distance for which the ecosystem is homogeneous in the prevailing wind direction.	m		300					
SITE_SNOW_COVER_DAYS	Days per year that the site is covered by snow	days		0					
DOM_DIST_MGMT	Recent and historic disturbance and management events that affect the tower site years of measurement	LIST(DIST_MGMT)	Drought	Grazing	Fire			Land cover change	
TOWER_TYPE	Type of physical tower structure used in the site	LIST(TOWER_TYPE)	other						
TOWER_POWER	How the eddy covariance system is powered	LIST(TOWER_POWER)	Direct power						