

data homogenization processing summary and QC check results: New England pastures

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		New England pastures
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	none
location	Site code (e.g. LUQ) or name	site_code	NE_pasture
location	Location name	location_name	New England Pasture
location	is a gradient study	gradient	gradient of 'farms', L1 data (watershed)
location	includes experimental manipulations	experiments	treatment of 'field' one of two organic management practices
profile	Experimental Level 1(top level)	L1	3 farms were sampled representing different geographies, soil types and lengths of time under organic dairy management
profile	Experimental Level 2	L2	4 fields were sampled per farm representing 2 organic dairy practices
profile	Experimental Level 3	L3	"Elevation A" represented the most elevated sampling location in the field, "Elevation C" was the lowest, and "Elevation B" was in between
profile	Fraction Total Carbon	frc_c_tot	Permanganate oxidizable carbon (POxC)

files processed:

type	filename
provided data	New England pastures_grandy_ww
homogenized data	New England pastures_grandy_ww_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	lyr_n_tot	Bulk Layer Total Nitrogen concentration	%	percent		NOT converted
profile	lyr_soc	Bulk Layer Organic Carbon (CN analyzer) concentration, inorganic C removed or not present	%	percent		NOT converted
profile	sand	Sand	%	percent		NOT converted

QC results: location data

location data checks passed

QC results: profile data, data range

var	min	max	minValue	maxValue	error
bd_tot	0.74	2.04	0.1	2	out of range
frc_c_tot	65.51	1311	0	100	out of range

QC results: profile data, data type

profile data type checks passed