**data homogenization processing summary and QC check results: McCorkle_2016_ssCZO_Providence**

**notes included with key file:**

| source | Var_long | var | var_notes |
|---|---|---|---|
| location | Google Directory | | McCorkle_2016_ssCZO_Providence |
| location | Network (e.g. LTER, CZO, DIRT, NutNet, etc) | network | CZO |
| location | Site code (e.g. LUQ) or name | site_code | SSCZO |
| location | Location name | location_name | Providence creek |
| profile | Experimental Level 1(top level) | L1 | Not watershed. This level refers to location of the flux tower at each of the SSCZO sites. |
| profile | Bulk Layer Organic Carbon (CN analyzer) concentration, inorganic C removed or not present | lyr_soc | C_tot is SOC. Soils tested negative for Carbonates. |
| profile | Soil pH in water | ph_h2o | 1:2 (w:w) soil to water |

**files processed:**

| type | filename |
|---|---|
| provided data | McCorkle_2016_ssCZO_Providence_a |
| homogenized data | McCorkle_2016_ssCZO_Providence_a_HMGZD |

**variable conversion**

| source | var | Var_long | given_unit | target_unit | factor | varNotes |
|---|---|---|---|---|---|---|
| location | map | Mean Annual Precipitation | mm | mm | | NOT converted |
| 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 | layer_bot | Layer Bottom | cm | cm | | NOT converted |
| profile | layer_top | Layer Top | cm | cm | | NOT converted |

**QC results: location data**

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location data checks passed
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**QC results: profile data, data range**

profile data range checks passed

**QC results: profile data, data type**

profile data type checks passed