# CZO SSHCZO Metadata Worksheet

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| Data File Name | **SE shale hills sap-flow 2013.xls****SE shale hills sap-flow 2014.xls****SW shale hills sap-flow 2013.xls****SW shale hills sap-flow 2014.xls****NE shale hills sap-flow 2013.xls****NE shale hills sap-flow 2014.xls****NW shale hills sap-flow 2013.xls****NW shale hills sap-flow 2014.xls** |
| Date Prepared | 2/25/15 |
| Descriptive Title | Shale Hills Sap-flux 2013-2014 |
| Update Frequency | 10 min |
| Abstract | Sap-flux measurements for five trees at four locations (NE, NW, SE, SW) for 2013 and 2014. The same trees were measured both years starting approximately in May and continuing until November. Tree codes are as follow ACSA = *Acer saccharum*, QURU = *Quercus rubra*, QUPR = *Quercus prinus.* Below are the trees used at each site where the first number refers to the data column, the second number is the tree id number followed by the species code.NE 1= 613 QURU, 2=620 ACSA, 3=622 QUPR, 4=636 QURU, 5=657 QUPRNW 1=102 QURU, 2=110 QURU, 3=121 QUPR, 4=137 ACSA, 5= 205 QUPRSW 1=1074 QURU, 2=1077 QURU, 3=1080 QUPR, 4=1164 ACSA, 5= 1170 QUPR SE  1=no# ACSA, 2= 1266 QUPR, 3= 1271 QURU, 4=1329 QUPR, 5=1331 QURU  |
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| Data Value Descriptions | Col1 : Date and time (for the SE site which initially used a CR10x for data logging, the first four columns refer to year, Julian date, date, and time)Col2: Record numberCol3-Col8: Ave mV (temp. differential)**Additional information can be found here:** [**Sapflow Tree Metadata**](http://www.czo.psu.edu/downloads/Metadataworksheets/ShaleHills/ShaleHills_sapflow_trees_metadata.xls) |
| Keywords | Sap-Flux |
| Methods | Dynamax sap-flux probes, one per tree with data logged by a Campbell CR1000 datalogger |
| Sites | Lat / Long coordinates of the dataloggers is unknown, however the location can be inferred from tree id and tree survey location |
| Publications | None yet. |