# SSHCZO Metadata Worksheet

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| Data File Name | **SH\_DC0\_Well\_waterlevel.csv** |
| Date Prepared | 2017-04-13; updated 2017-12-05 |
| Descriptive Title | DC\_0 |
| Update Frequency | Quarterly |
| Abstract | Groundwater level data and water temperature for SH\_DC0 well are measured every 30 minutes using an In-Situ Inc Level Troll 500 vented pressure transducer. Recorded data began 2013-04-28 through present. |
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| Data Value Descriptions | * COL1: label = TmStamp\_UTC, TimeZone = UTC * COL2: label = Water\_temp\_C, Units = degC, water temperature * COL3: label = WL\_BLG\_m, Units = meters, water level below ground; corrected based on manual field measurements |
| Keywords | Groundwater Depth, Groundwater Temperatures, Hydrology |
| Methods | * Groundwater level measurements are recorded every 30 minutes on an In-Siu Level Troll 500 vented pressure transducer. Data are downloaded using Win-Situ 5 software periodically. Manual field measurements are made using a Solinist electric tape to measure water level below ground. These manual measurements are used to apply a prorated correction between visits.   well_diagram  TOC above land surface = 1.23 meters  Sensor location down borehole from TOC = 31.48 meters  Sensor location from ground level = 30.25 meters  The water table below land surface obtained by subtracting the head pressure and above ground casing length from the sensor depth. |
| Sites | Shale Hills South Ridge Top northing/easting: 147969.01404/ 586976.1606; DMS: 40.66585, -77.90406 (NAD\_1983\_StatePlane\_Pennsylvania\_South\_FIPS\_3702); Elevation = 303.21 meters |
| Publications | none |
| Citation | The following acknowledgment should accompany any publication or citation of these data: Logistical support and/or data were provided by the NSF-supported Susquehanna Shale Hills Critical Zone Observatory. |
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