# SSHCZO Metadata Worksheet

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| Data File Name | **HV\_3\_well\_level\_1.csv** |
| Date Prepared | 2018-06-27 |
| Descriptive Title | Harrys Valley Well 3 (HV3) |
| Update Frequency | Quarterly |
| Abstract | Groundwater level data for Harrys Valley 3 meter well were measured every 10 minutes from 2016-06-15 to 2016-10-06 and 15 minutes from 2017-01-18 to present using a HOBO non-vented pressure transducer and processed with a HOBO pressure transducer that recorded barometric pressure. Recorded data began 2016-06-15 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 = air\_pres\_kPa; Units = kPa * COL4: label = WL\_BLG\_m; Units = meters |
| Keywords | Hydrology, groundwater level, groundwater temperature |
| Methods | Groundwater level data far Harrys Valley 3 meter well were measured every 10 minutes from 2016-06-15 to 2016-10-06 and 15 minutes from 2017-01-18 to present using a HOBO non-vented pressure transducer and processed with a HOBO pressure transducer that recorded barometric pressure. Data were processed using barometric values from a HOBO data logger located nearby (40.692454 - 77.927731). HoboWare Pro software is used to download these sensors and process these data. 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 to create the final water level below ground (WL\_BLG\_m).  well_diagram  TOC above land surface = 0.41 meters  Sensor location down borehole from TOC = 1.25  Sensor location below land surface = 0.82 meters  -9999 values indicate missing erroneous data during downloads or sensor malfunctions.  Gaps, missing, or erroneous data:  2016-10-06 to 2017-01-18: sensor removed for repair |
| Sites | Garner Run (Rothrock State Forest) 40.692454 - 77.927731, elevation 465m |
| Citation | The following acknowledgment should accompany any publication or citation of these data: Logistical support and/or data were provided by the NSF-supported Shale Hills Susquehanna Critical Zone Observatory. |
| Publications | Unpublished, please embargo public access to this dataset. |
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