# SSHCZO Metadata Worksheet

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| Data File Name | **SH\_CZMW8\_\_Baro\_AT** |
| Date Prepared | 2020-07-24 |
| Descriptive Title | CZMW 8 Barometric pressure and Air Temperature |
| Update Frequency | Quarterly |
| Abstract | Barometric pressure and air temperature data are recorded on a VanEssen Instruments Micro-Baro sensor. The data are used to process the water level data for CZMW 8 well. Data are downloaded monthly and stored on Box and processed and uploaded to the database where data are available via the web. |
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| Data Value Descriptions | * COL1: label = TmStamp\_UTC * COL2: label = Baro\_Pres\_kpa; Units = kilopascals (kpa) * COL3: label = WaterTemp\_C; Units = degC |
| Keywords | Groundwater Depth, Groundwater Temperatures, Hydrology |
| Methods | Barometric pressure and air temperature data are recorded on a VanEssen Instruments Micro-Baro sensor. The data are used to process the water level data for CZMW 8 well. Data are downloaded monthly and stored on Box and processed and uploaded to the database where data are available via the web.  QA/QC:  Large gap between 2018-06-25 and 2019-01-08 due to failed sensor and lead time to replace.  Information for the well can be found at these links:  [Drillers Field Log](http://www.czo.psu.edu/downloads/13708_Drillers_field_log_CZMW8_9.pdf)  [Well Completion Log](http://www.czo.psu.edu/downloads/13708_Well_Completion_diagram_CZMW8_9.pdf) |
| Sites | Shale Hills South Ridge Top northing/easting: 147746.6273 / 586800.2372 ; DMS: 40.66385, -77.90611 (NAD\_1983\_StatePlane\_Pennsylvania\_South\_FIPS\_3702) |
| 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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