# SSHCZO Metadata Worksheet

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| Data File Name | **Q\_compiled\_SCO.xlsx** |
| Date Prepared | 08/26/2016 |
| Descriptive Title | Shaver’s Creek Outlet Discharge and Rating Curve |
| Update Frequency | Annually |
| Abstract | Surface water discharge data for Shaver’s Creek outlet (Sheet 1). Data interval was measured every 10 to 30 min and a rating curve was built with manual measurements from a FlowTracker. All data contributes to the goals of hypothesis six (H6), which focuses on concentration-discharge relationships spatially and temporally. Data spans from 2013 Oct 8 to present.  |
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| Data Value Descriptions | * COL1: label=ValueAttribute, value=TIMESTAMP, UTCOffset=-4, TimeZone=EDT, format=YYYY-MM-DD hh:mm:ss.0000000
* Col2: label=baro(Barometric pressure), Units=kPa
* COL3: label=air\_t (air temperature), Units=degC
* Col4: label=abs\_press(Abs Pressure in water), Units=kPa
* Col5: label=w\_temp(water Temperature), Units=DegC
* Col6: label=ec(electrical conductance), Units= μS/cm
* Col7: label=stage\_m(Corrected sensor depth), Units=meters(m)
* Col8: label=discharge - 15 min discharge calculated from the rating curve data, Units=m3/s
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| Keywords | Hydrology, Stream discharge, rating curve  |
| Methods | Discharge measurements were collected using a FlowTracker monthly to bi-weekly and used to build a rating curve. Stage was measured every 15 min using a HOBO pressure transducer. Discharge was calculated for each stage measurement based upon the rating curve.  |
| Sites |

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| Shaver's Creek/ "Outlet" | Fall 2013 - present | 1500705.528 2097873.697 |

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| 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| Publications | Unpublished, please embargo public access to this dataset.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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