# SSHCZO Metadata Worksheet

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| Data File Name | **CF\_Radiation\_Level\_0.csv** |
| Date Prepared | 2018-06-26 |
| Descriptive Title | Cole Farm East Midslope radiation data – Level 0 Raw data |
| Update Frequency | Monthly |
| Abstract | Shortwave and longwave radiation are measured using Kipp & Zonen CMP3 Pyranometer and CGR3 Pyrgeometer sensors. These data are recorded Cole Farm East Midslope pit location. These are raw data and have not been quality controlled.  |
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| Data Value Descriptions | * COL1: label = TmStamp\_UTC; Timezone = UTC
* COL2: label = RecNum; a datalogger reference number
* COL3: label = CMP3\_1\_SlrW\_Avg; units = W/m2
* COL4: label = CMP3\_1\_SlrW\_Max; units = W/m2
* COL5: label = CMP3\_1\_SlrW\_Min; units = W/m2
* COL6: label = CMP3\_1\_SlrW\_Std
* COL7: label = CGR3\_Slr\_W\_Avg; units = W/m2
* COL8: label = CGR3\_Slr\_W\_Max; units = W/m2
* COL9: label = CGR3\_Slr\_W\_Min; units = W/m2
* COL10: label = CGR3\_Slr\_W\_Std
* COL11: label = CGR3\_Long\_dn\_rad\_Avg; units = W/m2
* COL12: label = CGR3\_Long\_dn\_rad\_Max; units = W/m2
* COL13: label = CGR3\_Long\_dn\_rad\_Min; units = W/m2
* COL14: label = CGR3\_Long\_dn\_rad\_Std
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| Keywords | Radiation, longwave, shortwave |
| Methods | Shortwave and longwave radiation are measured using Kipp & Zonen CMP3 Pyranometer and CGR3 Pyrgeometer sensors. Sensors are wired to a Campbell Scientific CR1000 data logger recording 10 minute data. Data are manually downloaded monthly and uploaded to the CZO Box space where the data manager gets the raw data to upload to the CZO database.  |
| Sites |

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| Name | Cole Farm East Mid-Slope |
| Latitude | 40.636397 |
| Longitude | -77.942061 |

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| 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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