

Data dictionary:

File naming convention: Output files after running this script are named after the site the data was recorded at, such as **TALO**, **ESKT**, **FSIM**.

| Column Name | Description | Data Type | Units | Example |
|---|--|-----------|--------------------|------------|
| Date | Date data was collected | Date/Time | Year-Month-Day | 1994-01-18 |
| Time | Time data was collected | Date/Time | Hour-Minute-Second | 1:25:03 AM |
| X | X vector reading of Earth's Magnetic Field | Float | nT (nano Tesla) | 4981.925 |
| Y | Y vector reading of Earth's Magnetic Field | Float | nT (nano Tesla) | 12953.4 |
| Z | Z vector reading of Earth's Magnetic Field | Float | nT (nano Tesla) | 37907.273 |
| F=. if the data is valid anything else the data is suspect. | Flag for the reliability of data | String | N/A | . or ? |