* One header table per station, once information is entered saved as a pipe delimited file (header\_table\_<specifier>\_<label>.psv)

(Note that there is a <specifier> component in the top-level directory and the file names that ties together different files. It is acceptable for a data provider to generate separate Data Delivery Package (DDPs) that refer to the same <specifier>. For example, the Source Configuration and Station Configuration components might be delivered in an initial DDP and the actual data (Header Table and Observation Table) could be sent later. The <specifier> would be used by both the provider and recipient in order to identify the connection between the DDPs.) The specifier should be the date of the current run

* **(header\_table \_”insert date of run”\_EG000062417.psv)**
* **e.g. header \_table \_r202010\_EG000062417.psv**
* There must be the same number of header\_table and observations\_table files.
* The rows in the header\_table and observations\_table files must be paired
* Header tables contain row for each observation report id which is primary ID + station\_record\_number + date stamp for observation (multiple variables)

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| --- | --- | --- | --- |
| ***Table Column*** | ***Kind*** | ***Element name*** | ***Notes*** |
| [column 1] | Varchar | report\_id | Enter Primary\_ID +station\_record\_number+ date stamp for report e.g format :  (for sub daily 0-20000-0-03979-1-2011-01-01 00:00)  (for daily 0-20000-0-03979-1-2008-01-01)  (for monthly 0-20000-0-03979-1-2008-01) |
| [column 2] | Int | region | Match combination of primary\_station\_id in headerfile with primary\_id values in Station configuration file then VLOOKUP from **region** in Station configuration file |
| [column 3] | Int[] | sub\_region | Same combination match as previous then VLOOKUP value from **operating\_territory** in Station config file |
| [column 4] | Int[] | application\_area | Leave Blank for Now |
| [column 5] | Int | observing\_programme | Leave Blank for Now |
| [column 6] | Int | report\_type | Enter:  0=sub-daily/hourly data except for ICAO platforms  3=Daily data  2=monthly data  4= ICAO sub-daily data |
| [column 7] | Varchar | station\_name | Same combination match as previous then VLOOKUP value from **station\_name** in Station configuration file. |
| [column 8] | Int | station\_type | Same combination match as previous then VLOOKUP value from **station\_type** in Station configuration file |

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| ***Table Column*** | ***kind*** | ***Element name*** | ***Notes*** |
| [column 9] | Int | platform\_type | Same combination match as previous then VLOOKUP value from **platform\_type** in Station configuration file |
| [column 10] | Int | platform\_sub\_type | Same combination match as previous then VLOOKUP value from **platform\_sub\_type** in Station configuration file |
| [column 11] | Varchar | primary\_station\_id | Enter primary station ID |
| [column 12] | Int | station\_record\_number | **Enter station record number based on different station configurations based on either source id due to mingling (GHCND) or location changes (USAF)** |
| [column 13] | Int | primary\_station\_id\_scheme | Same combination match as previous then VLOOKUP value from **primary\_station\_id\_scheme** in Station configuration file |

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| **Table Column** | **kind** | **Element name** | **Notes** |
| [column 14] | Numeric | longitude | Same combination match as previous then VLOOKUP value from **longitude** in Station configuration file |
| [column 15] | Numeric | latitude | Same combination match as previous then VLOOKUP value from **latitude** in Station configuration file |
| [column 16] | numeric | location\_accuracy | Same combination match as previous then VLOOKUP value from **location\_accuracy** in Station configuration file |
| [column 17] | int | location\_method | Same combination match as previous then VLOOKUP value from **location\_method** in Station configuration file |

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| --- | --- | --- | --- |
| ***Table Column*** | ***kind*** | ***Element name*** | ***Notes*** |
| [column 18] | Int | location\_quality | Same combination match as previous then VLOOKUP value from **location\_quality** in Station configuration file |
| [column 19] | Int | crs | Same combination match as previous then VLOOKUP value from **station\_crs** in Station configuration file |
| [column 20] | Numeric | station\_speed | Rule: Not applicable to land always NULL |
| [column 21] | Numeric | station\_course | Rule: Not applicable to land always NULL |
| [column 22] | Numeric | station\_heading | Rule: Not applicable to land always NULL |
| [column 23] | Numeric | height\_of\_station\_above\_local\_ground | Same combination match as previous then VLOOKUP value from **height\_of\_station\_above\_local\_ground** in Station configuration file |

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| **Table Column** | **kind** | **Element name** | **Notes** |
| [column 24] | Numeric | height\_of\_station\_above\_sea\_level | Same combination match as previous then VLOOKUP value from **height\_of\_station\_above\_sea\_level** in Station configuration file |
| [column 25] | numeric | height\_of\_station\_above\_sea\_level\_accuracy | Same combination match as previous then VLOOKUP value from **height\_of\_station\_above\_sea\_level\_accuracy** in Station configuration file |
| [column 26] | int | sea\_level\_datum | Same combination match as previous then VLOOKUP value from **sea\_level\_datum** in Station configuration file |
| [column 27] | Int | report\_meaning\_of\_timestamp | 1 beginning Date / time specified indicates thestart of the period over which the observation was made.  2 end Date / time specified indicates the  end of the period over which the  observation was made.  3 middle Date / time specified indicates the middle of the period over which the observation was made.For daily Enter 1  Synop enter 2 For monthly enter 1 |

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| ***Table Column*** | ***kind*** | ***Element name*** | ***Notes*** |
| [column 28] | timestamp with time zone | report\_timestamp | Enter the time stamp for the report e.g (2000-10-30 **09:00**:00+00. Add UTC offset difference in last two values e.g +01 (1 Hour diff) or -05 (5 hour diff) |
| [column 29] | Int | report\_duration | Enter the code for the frequency of observations in the report.  0 = instantaneous (less than 2 seconds)  1 = 2 seconds  2 = 5 seconds  3 = 10 seconds  4= 30 seconds  5 = I minute  6 =2 minute  7 = 5 minute  8 = 10 minute  9 = 1 hour  10 = 3 hour  11 = 6 hour  12 = 9 hour  12 = 12 hour  13 = 1 day  14 = monthly  15 = mixed frequency |
| [column 30] | Numeric | report\_time\_accuracy | Leave Blank for Now |

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| **Table Column** | **kind** | **Element name** | **Notes** |
| [column 31] | Int | report\_time\_quality | Leave Blank for Now |
| [column 32] | Int | report\_time\_reference | Enter 0 for initial data release which means unknown. CDM table 152 shows all codes. |
| [column 33] | Varchar | profile\_id | Leave Blank for Now |
| [column 34] | Int [] | events\_at\_station | Leave Blank for Now. |
| [column 35] | int | report\_quality | Leave Blank for Now |
| [column 36] | Int | duplicate\_status | Enter 4 for initial data release which means unchecked. See CDM table 104 for all codes. |
| [column 37] | Varchar [] | duplicates | Leave Blank for Now |
| [column 38] | timestamp for revision for this record | record\_timestamp | Enter the timestamp of producing report e.g 2017-11-31 00:00:00+00 which shows the point of revision for the data |
| [column 39] | Varchar | history | Leave Blank for Now |
| [column 40] | Int | processing\_level | Enter 0 for initial data release which is unknown. See CDM table 124 for all possible codes. |
| [column 41] | Int [] | processing\_codes | Leave Blank for Now |
| [column 42] | Varchar | source\_id | Source\_ID is available for each observation in the QFF file |
| [column 43] | Varchar | source\_record\_id | Rule: Not applicable to land always NULL |