**1991-2020 Public Normals Data Plan**

**List of Test Locations:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station #** | **Location Name** | **Prov** | **Quality Status/Station Type** | **Result (pass/fail)** |
| 1 | Bagotville | QC | Reference station | pass |
| 2 | Goose | NFLD | Reference station |  |
| 3 |  |  | Auto station |  |
| 4 |  |  | Auto station |  |
| 5 |  |  | Airport |  |
| 6 |  |  | Airport |  |
| 7 |  |  | Low quality |  |
| 8 |  |  | Low quality |  |

**Test Location: Bagotville**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pass (Y or N)** | | **Cat.** | **Item** | **Notes** |
| **Yes** | **No** |  |  |  |
|  |  | **‘Data’ tab** | Element/Group Names | Correct element/group names in EN and FR (use excel file for reference) |
|  |  |  | Element Availability | Elements are not missing and all elements that should be displayed are displayed. |
|  |  |  | Data Values | Archive data table values match web value table 1:1 (excel col. **AN**) |
|  |  |  | Data Rounding Rules | All values rounded according to rounding rules correctly (decimal pts) |
|  |  |  | Year/Code Value Presence | Year and Code values correctly available/not available for each element. |
|  |  |  | Bolding of Extreme Elements | All extreme elements that should be bolded are bolded and values/dates correctly bolded (min/max) |
|  |  | **‘Data’ tab - CSV** | Element/Group Names | Correct element/group names in EN and FR (use excel file for reference; element names slightly different) |
|  |  |  | Element Availability | Elements are not missing and all elements that should be available are available (same as display). |
|  |  |  | Data Values | Archive data table values match web value table 1:1 (excel col. **AI**) |
|  |  |  | Year/Code Value Presence | Year and Code values correctly available/not available for each element. |
|  |  |  | Format | Proper format (i.e. yyyy/mm/dd instead of yyyy/dd for display, rounding) |
|  |  | **‘Analytics’ tab** | Element/Group Names | Correct element/group names in EN and FR (use excel file for reference) |
|  |  |  | Element Availability | Elements are not missing and all elements that should be available are available (similar to ‘Data’ tab, minus a few elements). |
|  |  |  | Data Values | Archive data table values match web value table 1:1 (excel col. **Y**) |
|  |  |  | Format | Proper format (i.e. ‘Begin Year’ differs, rounding, etc) (excel col. **M-P**) |
|  |  | **‘Thread’ tab** | *Element/Climate Element Names\** | Correct element/climate element names in EN and FR (use excel file for reference; extremes names are slightly different and elements in different order) |
|  |  |  | Element/Climate Element Availability | Elements/climate elements are not missing and all elements/climate elements that should be available are available (similar to other tabs) |
|  |  |  | Thread Table Structure | Follows correct thread table structure for each element/climate group. |
|  |  |  | *Thread Dates\** | Approx. matches archive threads used in calculation (manual check, edge station dates rounded to first of the month or 1991-2020 period) |
|  |  | **‘Thread’ tab - CSVs** | Zip Folder Name | Zip folder name correct convention (EN and FR) |
|  |  |  | Metadata File Name | Csv file name correct convention (EN and FR) |
|  |  |  | Metadata File Data | Station inputs should match section 1 (top) of Tab 4 metadata table. |
|  |  |  | Thread File Name | Csv file name correct convention (EN and FR) |
|  |  |  | Thread File Data | Thread dates match display for climate element. Extreme elements have extreme LTE date. |

**Test Location:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pass (Y or N)** | | **Cat.** | **Item** | **Notes** |
| **Yes** | **No** |
|  |  | **‘Data’ tab** | Element/Group Names | Correct element/group names in EN and FR (use excel file for reference) |
|  |  | Element Availability | Elements are not missing and all elements that should be displayed are displayed. |
|  |  | Data Values | Archive data table values match web value table 1:1 (excel col. **AN**) |
|  |  | Data Rounding Rules | All values rounded according to rounding rules correctly (decimal pts) |
|  |  | Year/Code Value Presence | Year and Code values correctly available/not available for each element. |
|  |  | Bolding of Extreme Elements | All extreme elements that should be bolded are bolded and values/dates correctly bolded (min/max) |
|  |  | **‘Data’ tab - CSV** | Element/Group Names | Correct element/group names in EN and FR (use excel file for reference; element names slightly different) |
|  |  | Element Availability | Elements are not missing and all elements that should be available are available (same as display). |
|  |  | Data Values | Archive data table values match web value table 1:1 (excel col. **AI**) |
|  |  | Year/Code Value Presence | Year and Code values correctly available/not available for each element. |
|  |  | Format | Proper format (i.e. yyyy/mm/dd instead of yyyy/dd for display, rounding) |
|  |  | **‘Analytics’ tab** | Element/Group Names | Correct element/group names in EN and FR (use excel file for reference) |
|  |  | Element Availability | Elements are not missing and all elements that should be available are available (similar to ‘Data’ tab, minus a few elements). |
|  |  | Data Values | Archive data table values match web value table 1:1 (excel col. **Y**) |
|  |  | Format | Proper format (i.e. ‘Begin Year’ differs, rounding, etc) (excel col. **M-P**) |
|  |  | **‘Thread’ tab** | *Element/Climate Element Names\** | Correct element/climate element names in EN and FR (use excel file for reference; extremes names are slightly different and elements in different order) |
|  |  | Element/Climate Element Availability | Elements/climate elements are not missing and all elements/climate elements that should be available are available (similar to other tabs) |
|  |  | Thread Table Structure | Follows correct thread table structure for each element/climate group. |
|  |  | *Thread Dates\** | Approx. matches archive threads used in calculation (manual check, edge station dates rounded to first of the month or 1991-2020 period) |
|  |  | **‘Thread’ tab - CSVs** | Zip Folder Name | Zip folder name correct convention (EN and FR) |
|  |  | Metadata File Name | Csv file name correct convention (EN and FR) |
|  |  | Metadata File Data | Station inputs should match section 1 (top) of Tab 4 metadata table. |
|  |  | Thread File Name | Csv file name correct convention (EN and FR) |
|  |  | Thread File Data | Thread dates match display for climate element. Extreme elements have extreme LTE date. |