# Liste des mesures - base Climato

# But

Ce document liste les mesures venant des différentes sources, ainsi que le mapping fait.

# Historique des mises à jour

* 1.0 : 07-01-2024 : 1er draft

# Source de données :

Actuellement il est supporté les sources de données suivantes :

* WeeWX via JSON généré
* WeeWX via dump de la base MySQL
* Météo France via les fichiers CSV
* Météo France via les APIs (en cours de développement)

# Mesures Base Climato

# Mesures VP2/WeeWX

|  |  |  |  |
| --- | --- | --- | --- |
| **Vantage station data** | | | |
| Database Field | Observation | Loop | Archive |
| **barometer** | barometer | H | H |
| **pressure** |  | S | S |
| **altimeter** |  | S | S |
| **inTemp** | inTemp | H | H |
| **outTemp** | outTemp | H | H |
| **inHumidity** | inHumidity | H | H |
| **outHumidity** | outHumidity | H | H |
| **windSpeed** | windSpeed | H | H |
| **windDir** | windDir | H | H |
| **windGust** | windGust | H | H |
| **windGustDir** | windGustDir | H | H |
| **rain** | rain | D | H |
|  | monthRain | H | H |
| **rainRate** | rainRate | H | H |
| **dewpoint** |  | S | S |
| **windchill** |  | S | S |
| **heatindex** |  | S | S |
| **radiation** | radiation | H | H |
| **UV** | UV | H | H |
| **extraTemp1** | extraTemp1 | H | H |
| **extraTemp2** | extraTemp2 | H | H |
| **extraTemp3** | extraTemp3 | H | H |
| **extraTemp4** | extraTemp4 | H |  |
| **extraTemp5** | extraTemp5 | H |  |
| **extraTemp6** | extraTemp6 | H |  |
| **extraTemp7** | extraTemp7 | H |  |
| **soilTemp1** | soilTemp1 | H | H |
| **soilTemp2** | soilTemp2 | H | H |
| **soilTemp3** | soilTemp3 | H | H |
| **soilTemp4** | soilTemp4 | H | H |
| **leafTemp1** | leafTemp1 | H | H |
| **leafTemp2** | leafTemp2 | H | H |
| **leafTemp3** | leafTemp3 | H | H |
| **leafTemp4** | leafTemp4 | H | H |
| **extraHumid1** | extraHumid1 | H | H |
| **extraHumid2** | extraHumid2 | H | H |
| **extraHumid3** | extraHumid3 | H |  |
| **extraHumid4** | extraHumid4 | H |  |
| **extraHumid5** | extraHumid5 | H |  |
| **extraHumid6** | extraHumid6 | H |  |
| **extraHumid7** | extraHumid7 | H |  |
| **soilMoist1** | soilMoist1 | H | H |
| **soilMoist2** | soilMoist2 | H | H |
| **soilMoist3** | soilMoist3 | H | H |
| **soilMoist4** | soilMoist4 | H | H |
| **leafWet1** | leafWet1 | H | H |
| **leafWet2** | leafWet2 | H | H |
| **leafWet3** | leafWet3 | H | H |
| **leafWet4** | leafWet4 | H | H |
| **txBatteryStatus** | txBatteryStatus | H | H |
| **consBatteryVoltage** | consBatteryVoltage | H | H |
|  | wind\_samples |  | H |

***H****indicates data provided by****H****ardware****D****indicates data calculated by the****D****river****S****indicates data calculated by the StdWXCalculate****S****ervice*

# Mesures WeeWX/Json

"barometer\_avg":1017.2097788046859,

"barometer\_max\_time":"2023-11-01T00:55:02",

"barometer\_max":1017.3387306716605,

"barometer\_min\_time":"2023-11-01T00:57:00",

"barometer\_min":1017.1016835005433,

"barometer":1017.1694112637196,

"dewpoint\_avg":17.851228356158845,

"dewpoint\_max\_time":"2023-11-01T00:55:02",

"dewpoint\_max":17.997497650584627,

"dewpoint\_min\_time":"2023-11-01T00:57:38",

"dewpoint\_min":17.733131865925962,

"dewpoint":17.733131865925962,

"heatindex\_avg":22.686961000735874,

"heatindex\_max\_time":"2023-11-01T00:55:02",

"heatindex\_max":22.728888888888893,

"heatindex":22.641666666666673,

"humidity\_avg":75.41721854304636,

"humidity\_max\_time":"2023-11-01T00:55:02",

"humidity\_max":76.0,

"humidity\_min\_time":"2023-11-01T00:57:06",

"humidity\_min":75.0,

"humidity":75,

"in\_humidity\_avg":63.0,

"in\_humidity\_max\_time":"2023-11-01T00:55:02",

"in\_humidity\_max":63.0,

"in\_humidity\_min\_time":"2023-11-01T00:55:02",

"in\_humidity\_min":63.0,

"in\_humidity":63,

"in\_temp\_avg":26.944444444444372,

"in\_temp\_max\_time":"2023-11-01T00:55:02",

"in\_temp\_max":26.944444444444443,

"in\_temp\_min\_time":"2023-11-01T00:55:02",

"in\_temp\_min":26.944444444444443,

"in\_temp":26.944444444444443,

"out\_temp\_avg":22.420161883737954,

"out\_temp\_max\_time":"2023-11-01T00:55:02",

"out\_temp\_max":22.444444444444446,

"out\_temp\_min\_time":"2023-11-01T00:55:36",

"out\_temp\_min":22.388888888888886,

"out\_temp":22.388888888888886,

"pressure\_avg":981.395839965456,

"pressure\_max\_time":"2023-11-01T00:55:02",

"pressure\_max":981.5227639461589,

"pressure\_min\_time":"2023-11-01T00:57:38",

"pressure\_min":981.2895253968841,

"pressure":981.3548684649977,

"rain\_rate\_avg":0.0,

"rain\_rate\_max\_time":"2023-11-01T00:55:02",

"rain\_rate\_max":0.0,

"rain":0.0,

"rx":99.08333333333333,

"voltage\_avg":4.48000000000001,

"voltage\_min\_time":"2023-11-01T00:55:02"

"voltage\_min":4.48,

"voltage":4.48,

"wind\_avg":2.23520000178816,

"wind\_dir":112.5,

"wind\_max\_dir":112.5,

"wind\_max\_time":"2023-11-01T00:55:02",

"wind\_max":3.1292800025034238,

"windchill\_avg":22.420161883737954,

"windchill\_min\_time":"2023-11-01T00:55:36",

"windchill\_min":22.388888888888886,

"windchill":22.388888888888886,

Les valeurs de vent sont envoyées dans « wind ». Le max des valeurs se trouve dans wind\_max. Les stations VP2

# Mesures WeeWX/Dump

# Mesures Météo France/CSV

# Mesure Météo France/API

# Mapping