The Microclimate DataBase (MDB) data control

Processing data: 2025-08-26

File identifier: 6c5e71feaeedea6ae48370191c8cfe92e4f528477555387334887d26d2877d50

BEXIS Upload: Data control PASS

Dataset summary

Number of experiments: 1

Number of sites: 54

Number of rows: 54

Habitats: NA

Data owners

Owners: Alexandre Roy, Hesam Salmabadi

Emails: Alexandre.Roy@uqtr.ca, hesam.salmabadi@uqtr.ca

Affilations: Universite du Quebec a Trois-Rivieres, NA

ORCID:

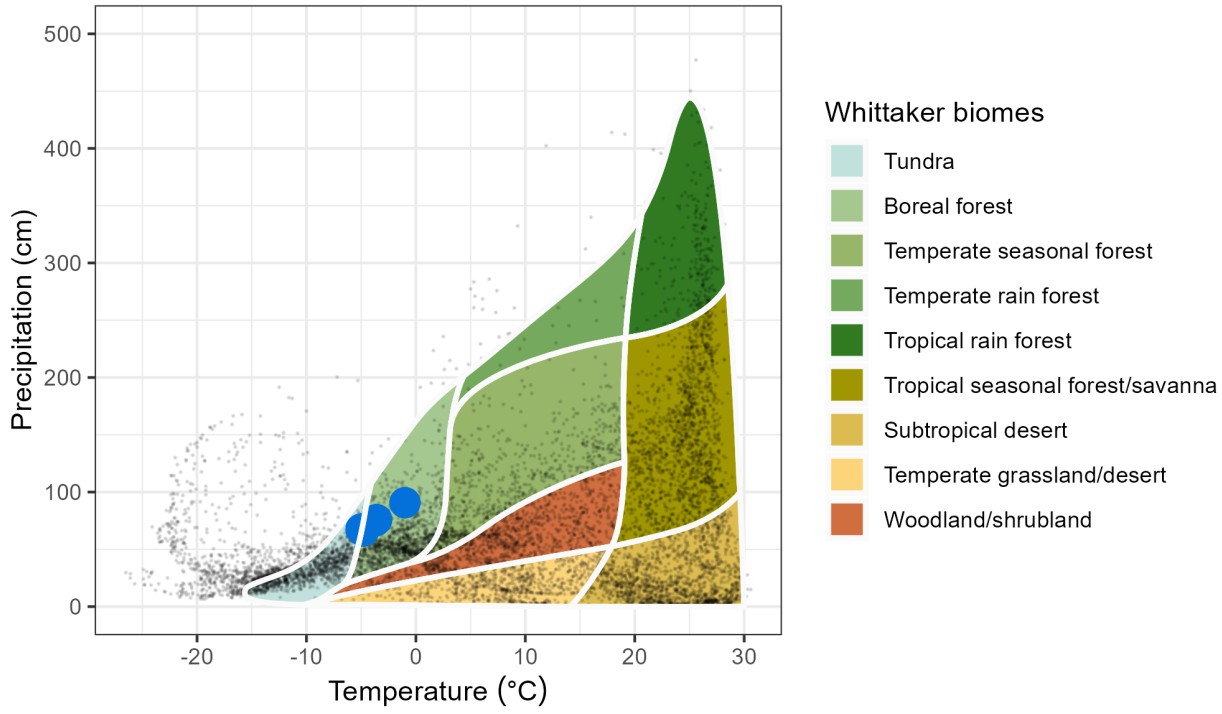
Data summary

Site spatial distribution

.

Blue cursors indicate your sensors location

Biome distribution



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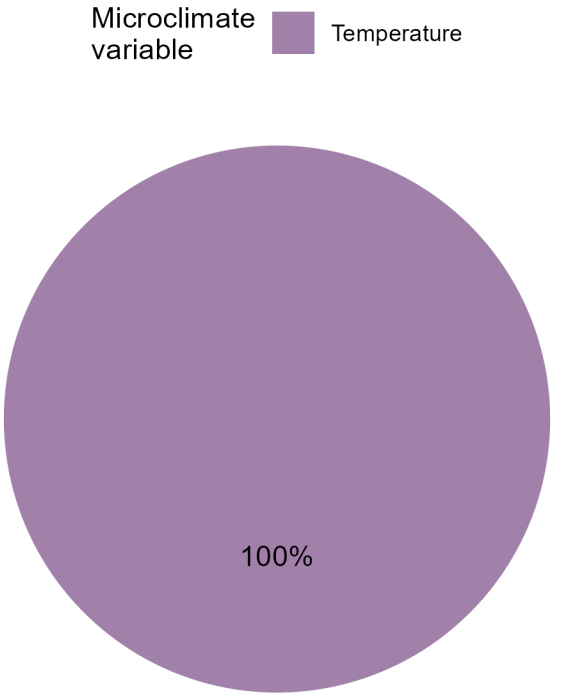
Blue cursors indicate your sensors location

Sensor type



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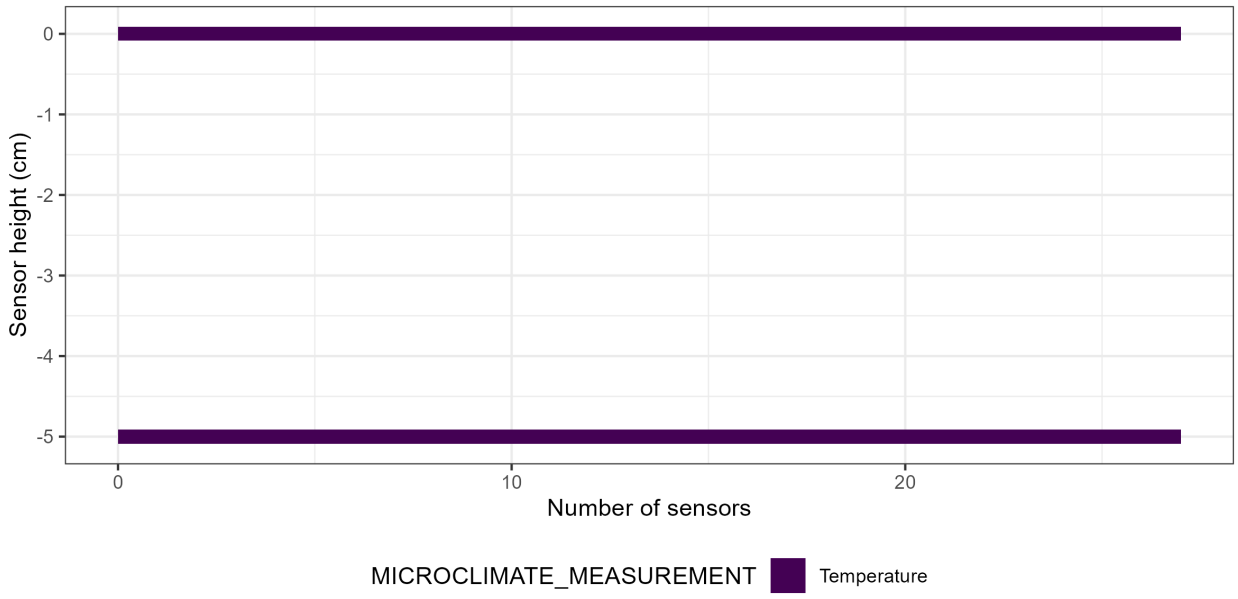
Type of sensors in the dataset.

Sensor height



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Positive values for aboveground sensors and negative for belowground!

Time series

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Sensors time series distribution.

Errors

```
## $METADATA
## $METADATA$Critical
## $METADATA$Critical$MISSING
## character(0)
##
## $METADATA$Critical$ERRORS
## named list()
##
##
## $METADATA$Major
## $METADATA$Major$MISSING
## [1] "SENSOR_ACCURACY"
##
## $METADATA$Major$ERRORS
## $METADATA$Major$ERRORS$TIMEZONE
## $METADATA$Major$ERRORS$TIMEZONE$errors
## # A tibble: 54 x 3
##    META_ID TIMEZONE error
##    <chr>   <chr>    <chr>
```

```
##  1 1       Local    Values should be in the list
##  2 2       Local    Values should be in the list
##  3 3       Local    Values should be in the list
##  4 4       Local    Values should be in the list
##  5 5       Local    Values should be in the list
##  6 6       Local    Values should be in the list
##  7 7       Local    Values should be in the list
##  8 8       Local    Values should be in the list
##  9 9       Local    Values should be in the list
## 10 10      Local    Values should be in the list
## # i 44 more rows
##
## $METADATA$Major$ERRORS$TIMEZONE$reference
## [1] "major"
##
##
##
##
## $METADATA$Minor
## $METADATA$Minor$MISSING
## [1] "EXPERIMENT_DOI"
##
## $METADATA$Minor$ERRORS
## named list()
##
##
##
## $PEOPLE
## $PEOPLE$Critical
## $PEOPLE$Critical$MISSING
## character(0)
##
## $PEOPLE$Critical$ERRORS
## $PEOPLE$Critical$ERRORS$STATUS_TIMESERIES
## $PEOPLE$Critical$ERRORS$STATUS_TIMESERIES$errors
## # A tibble: 2 x 3
##   FIRSTNAME STATUS_TIMESERIES error
##   <chr>     <chr>             <chr>
## 1 Alexandre Contact           Values should be in the list
## 2 Hesam     Contact           Values should be in the list
##
## $PEOPLE$Critical$ERRORS$STATUS_TIMESERIES$reference
## [1] "critical"
##
##
##
##
## $PEOPLE$Major
## $PEOPLE$Major$MISSING
## character(0)
##
## $PEOPLE$Major$ERRORS
## $PEOPLE$Major$ERRORS$SOILTEMP_UPDATE
## $PEOPLE$Major$ERRORS$SOILTEMP_UPDATE$errors
```

```
## # A tibble: 2 x 3
##   FIRSTNAME SOILTEMP_UPDATE error
##   <chr>     <chr>           <chr>
## 1 Alexandre YES             Values should be in the list
## 2 Hesam     YES             Values should be in the list
##
## $PEOPLE$Major$ERRORS$SOILTEMP_UPDATE$reference
## [1] "major"
##
##
##
##
## $PEOPLE$Minor
## $PEOPLE$Minor$MISSING
## character(0)
##
## $PEOPLE$Minor$ERRORS
## named list()
```