

Summary of Climate data work by Jenny Nimmo

Class A, AWS and Class C received from Lindsay in April as Excel files. Data was extensively reformatted and uploaded to tables on VPS, except data from Class C stations, which after reformatting, was considered too inconsistent to use.

See on the Github:

Class A met stations review.xlsx

Class C met stations data review.xlsx

Tables used for daily RGOB data.pdf

AWS24hr data was received from Piet van der Poel in September as Excel files. Data was extensively reformatted and uploaded to tables on VPS

See on the Github:

review of AWS24hr station data.xlsx

null dates for RGOB AWS24hr stations.xlsx

Tables used for AWS24hr data.pdf

MHV data was already on the VPS, but there were a number of duplicated station id and datetime records, which it was thought was due to there being more than one logger at some stations. This may have affected the chill hours data.

See on the Github:

Tables used for MHV data.pdf

Also on Github:

Tables in metData.pdf - list of tables created on metData and their usage

Data Dictionary metData.pdf – gives structure of all the tables

mhvchillhourscalcul.php – superseded by mhvchillhoursrevised.php, so could be deleted

mhvchillhoursrevised.php – calculate chill hours for mhv metdata

mhvchillseasoncalcul.php – calculate hours in each chill season, not required as can be done by a simple query. Adapted from prog for rgob hence variable names

calrgobchillhours.php – calculate chill hours for rgob metdata

rgobAWSchillhourscalcul.php – calculate chill hours for AWS24hr stations

rgobchillseasoncalcul.php – calculate hours in each chill season for rgob data, not required as can be done by a simple query.

Miscellaneous on Github

RGOB stations within 5km of each other.xlsx (created from formrgobdist.php, and rgobstationdist.php)

RGOB stations with altitude between 1100m and 3500m.xlsx (from query)

MH stations within 3km of RGOB stations.pdf (created from formgetdistalt.php and stationlatlongdist.php)

Queries on Github

Various SQL queries which were used on metData tables on VPS to extract data. Several queries may be in one text file. They are here for the record.