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
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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
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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
mhvchillhourscalc.php – superceded by mhvchillhoursrevised.php, so could be deleted
mhvchillhoursrevised.php – calculate chill hours for mhv metdata
mhvchillseasoncalc.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
calcrgobchillhours.php – calculate chill hours for rgob metdata – uses formula below
110510 Agro-climate different weighting.xlsx – gives formula for chill hours on daily min max temps
rgobAWSchillhourscalc.php – calculate chill hours for AWS24hr stations
rgobchillseasoncalc.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.