Table structures can be seen in Data Dictionary metData.pdf

Tables used for daily RGOB data

RGOB data consists of Class A, AWS and Class C data (as received from Lindsay Cummings April 2016), and AWS24hr stations (as received September 2016 from Piet van der Poel).

Table **tblrgobstations**

All the stations in this data are listed in tblrgobstations, although some of the Class A and AWS are ostensibly the same location but for a different time (AWS replaced some stations?) so they have been given a different station_id. The Class C data was not considered worthy of uploading to the database, so there is no data for stations 32 – 92. No data was supplied for stations 11 (Class A), 27, 30 and 31 (AWS). The AWS24hr data is 24 hour, approximately hourly, but with hours and days without data, whilst the Class A and AWS is daily data, again with some gaps (see Class A met stations review)

AWS24hr tables are described separately

(Used in stationlatlongdist.php to see if any station near any MHV station)

Table tblrgobuploaddata

Can be used for importing single observation daily data with date and joining to rgobtempmetdata table. Data needs to be formatted into csv file with columns matching fields in the table (date,obs), with a blank column at the beginning for auto-increment record number, and date appropriately formatted.

Table tblrgobtempmetdata

Can be used for taking data from rgobuploaddata by joining dates, required where data dates and data are discontinuous. Data can be checked before inserting into tblrgobAmetdata. Structure is the same as tblrogbAmetdata, shown below, which holds all the observations for the Class A and AWS stations

---

Table tblrgobAmetdata

All data for Class A and AWS daily stations. Used by calcrgobchillhours.php

---

Table tblchillhourmodel – created by Mukti to define chill hour temperature bands and values. Used for MHV data and RGOB data.

Table tblrgobchillhrs – similar structure as tblmhvchillhrs but chill hours for each day in each band calculated by different method (“triangle” method – ref Peter Crees – see calcrgobchillhours.php) as maximum and minimum temperatures only available for day. Counthrs is always 24 since data is daily. This is calculated data which has been stored to make it easier to review. If the summation

program (calcrgobchillhours.php) is re-run after data has been updated, or the chill band model changed, this table should be truncated before starting.

Table tblchillseasons – used for MHV data and RGB data – defines start and end dates of possible seasons . Used in SQL query to sum data by season

---

Table tblrgobseasonschillhrs – chill hours from tblrgobchillhours summed by season according to seasons defined in tblchillseasons (that is beginning of November of a year through to end of March of the following year). A season with a complete dataset of records should have 3624 hours or 3648 hours (leap year).

This is calculated data which has been stored to make it easier to review. If the summation SQL query is re-run after data has been updated, or the demarcation of the seasons changes, or the chill band model changes, this table should be truncated before starting.