Tables used for AWS24hr data - table structures in Data Dictionary metData.pdf

Table tbltempAWSmetdata

Data for each station can be uploaded from csv file into this table and checked before inserting into tblAWSmetdata. Data in csv file should be formatted in matching columns

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Table rgobAWSmetdata – holds observation data by datetime for all AWS24hr stations. Used by rgobAWSchillhourscalc.php

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Table tblchillhourmodel – created by Mukti to define chill hour temperature bands and values. Used for MHV data and RGOB data in calcrgobchillhours.php, mhvchillhoursrevised.php and rgobAWSchillhourscalc.php.

Table tblrgobAWSchillhours

Summation of number of hours in each chill band over each 24 hour period by rgobAWSchillhourscalc.php There is often a time gap in the data measurement, and the maximum time for which any temperature was considered to remain the same was 1 hour. Hence the value in field counthrs shows the number of hours for which there was data.

This is calculated data which has been stored to make it easier to review. If the summation program (rgobAWSchillhourscalc.php) is re-run after data has been updated, this table should be truncated before starting.

Table tblAWSseasonchillhrs – chill hours from tblAWSchillhours 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). (same seasons for MHV data and daily RGOB data)

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