Weather web app display - <u>dashboard</u>

agbyte

ADCON TELEMETRY | **live**data
📍 Rogers - 859009
🕐 Oct 22, 2016 7:00:00 AM

Go To
LiveData
Page

Temperature
3.7 °C

Relative Humidity
94.7 % RH

Wind Speed AVG
8.29 km/h

Wind Direction
156.3 ° SSE

Wind Gust - Max
9.43 km/h

Delta T - Value
0.4 °C

Fire Danger Index
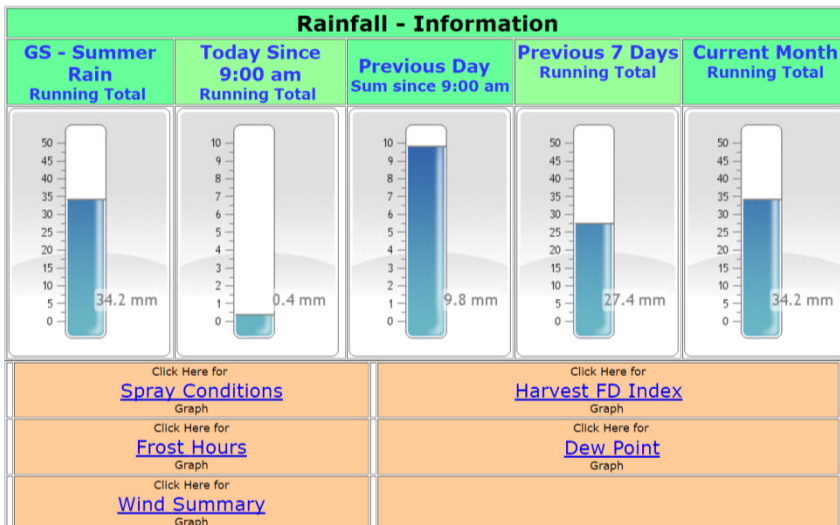1.05

Dew Point
2.9 °C
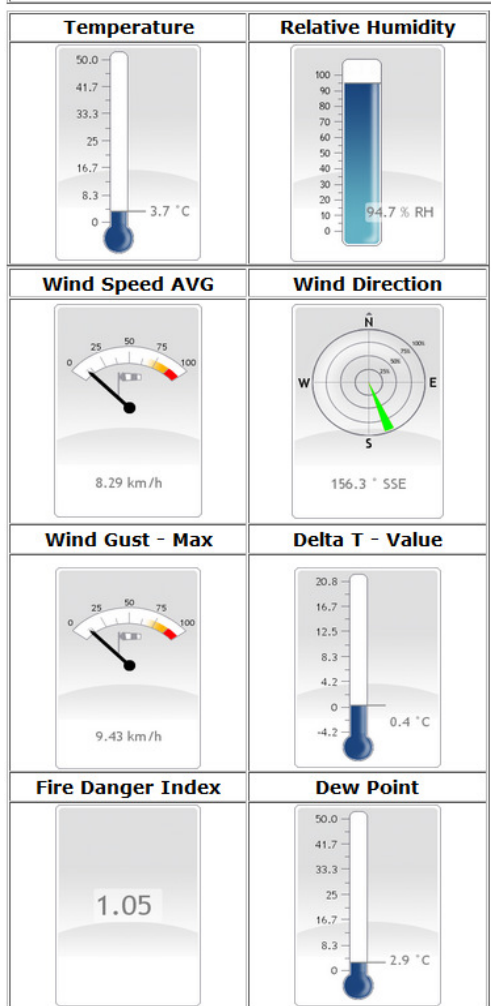
Time stamp of last reading

LivData link to go through to table view and daily statistics summary

Icons displaying current readings

Rainfall summaries:

-GS = Growing season (15th APR – 15th OCT), this then resets for Summer rain (6month split)

-*Today Since 9:00am* will reset to 0.0mm after 9am each day.

-*Previous Day* shows summed rainfall since 9am yesterday.

Rainfall - Information

GS - Summer Rain Running Total	Today Since 9:00 am Running Total	Previous Day Sum since 9:00 am	Previous 7 Days Running Total	Current Month Running Total
34.2 mm	0.4 mm	9.8 mm	27.4 mm	34.2 mm

Click Here for
Spray Conditions
Graph

Click Here for
Harvest FD Index
Graph

Click Here for
Frost Hours
Graph

Click Here for
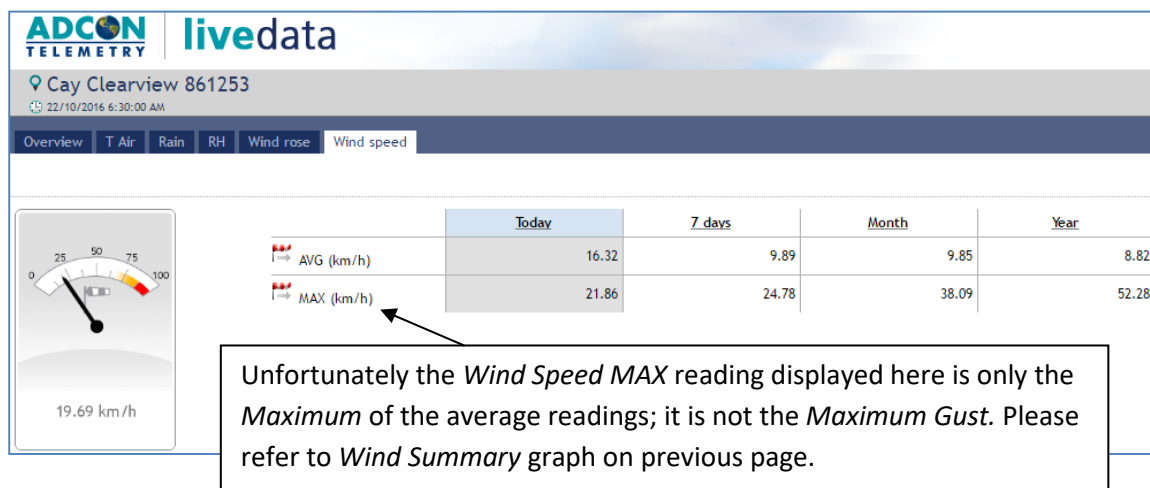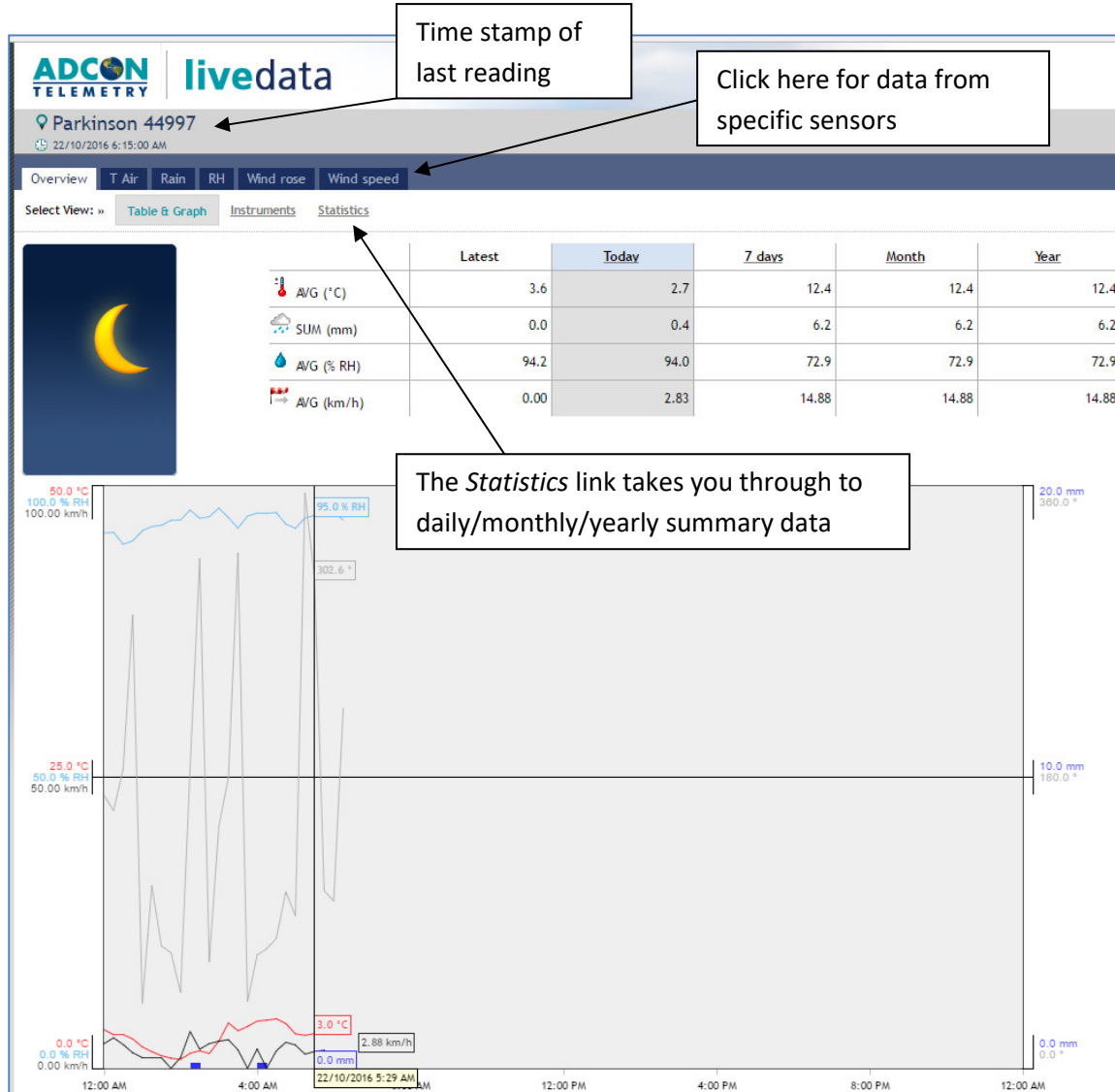**Dew Point**
Graph

Click Here for
Wind Summary
Graph

Post-processed weather derivatives:
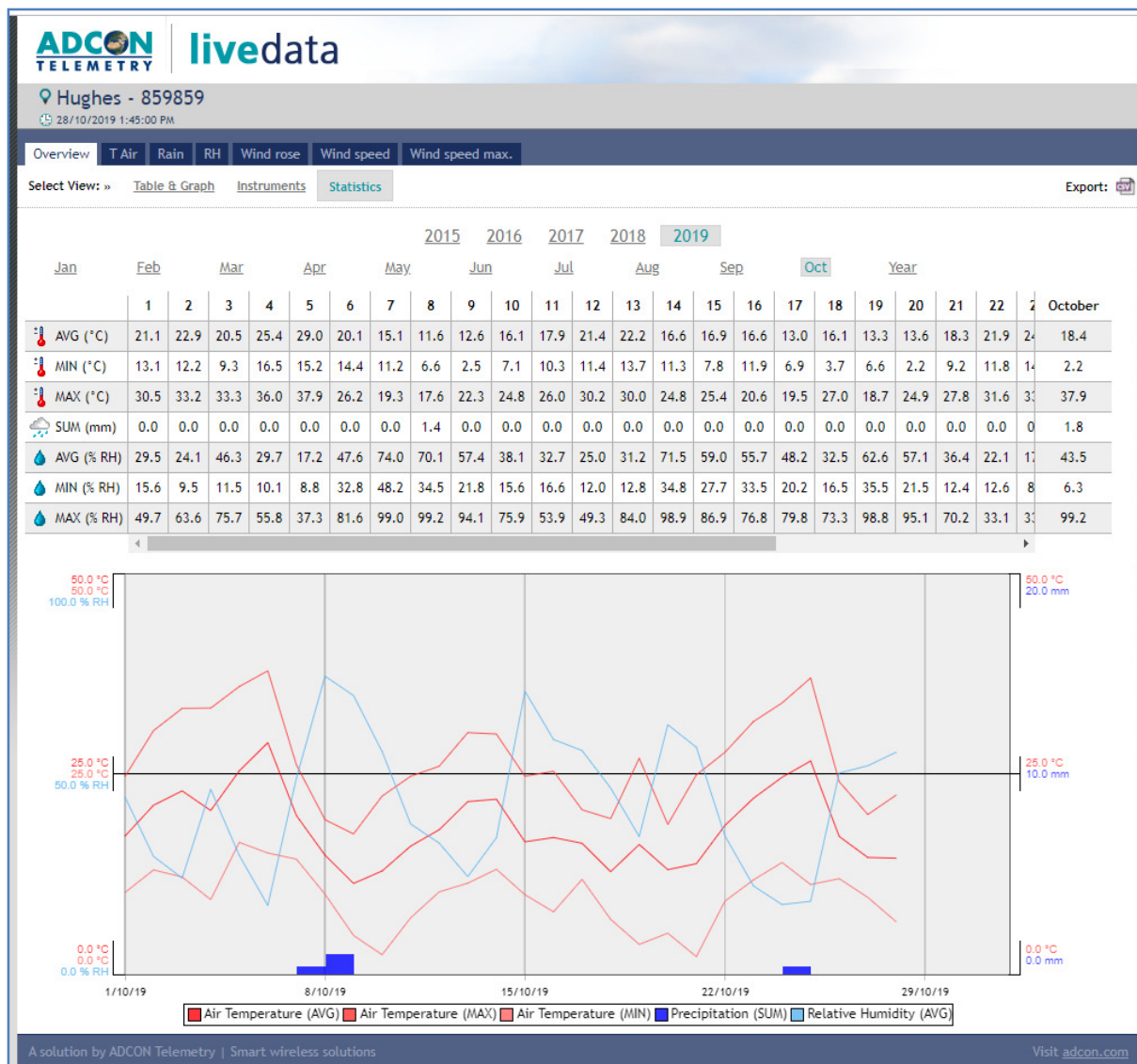
-Spray conditions shows Delta T

-Frost hours shows cumulative frost hrs (below 2.2DegC) to 9am each morning (in dark blue) and red bars to indicate YES/NO of *chance* of frost

-Wind Summary shows 24hr Max/Ave/Min wind speeds

Weather web app display – <u>LiveData</u>

This page displays the data in table & graphical form. It also allows for a slider-ruler to be placed on graphs in order to see what readings were taken at a specific time. It is a bit challenging to do with a mobile phone.

Time stamp of last reading

Click here for data from specific sensors

The *Statistics* link takes you through to daily/monthly/yearly summary data

Unfortunately the *Wind Speed MAX* reading displayed here is only the *Maximum* of the average readings; it is not the *Maximum Gust.* Please refer to *Wind Summary* graph on previous page.
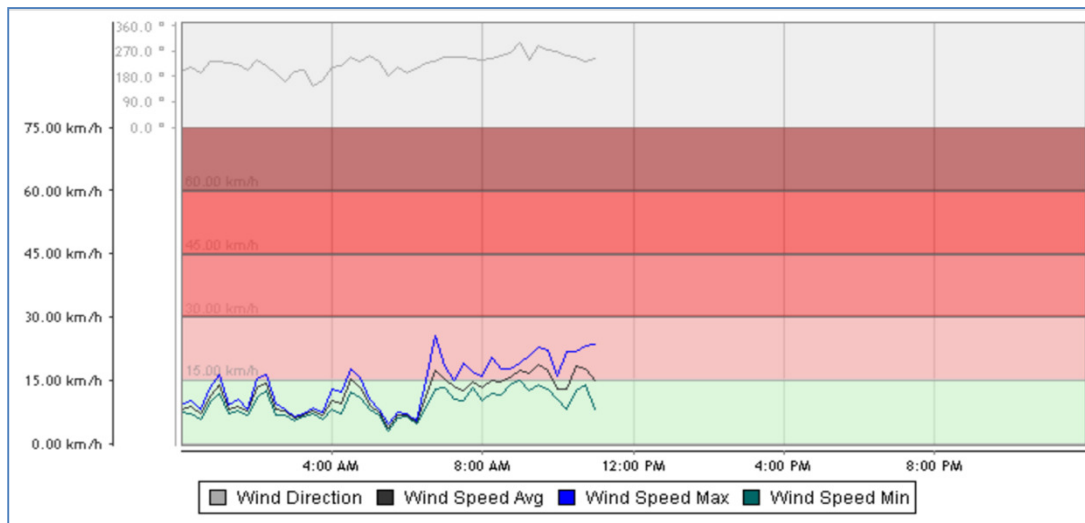
# Weather web app display – LiveData Statistics

The Statistics tab will allow you to view summary data from each day since the weather station was installed. Here you can select the Year > Month > Day to view Max/Min temperatures etc.

Data can also be exported by clicking on the Export csv tab on the right hand side
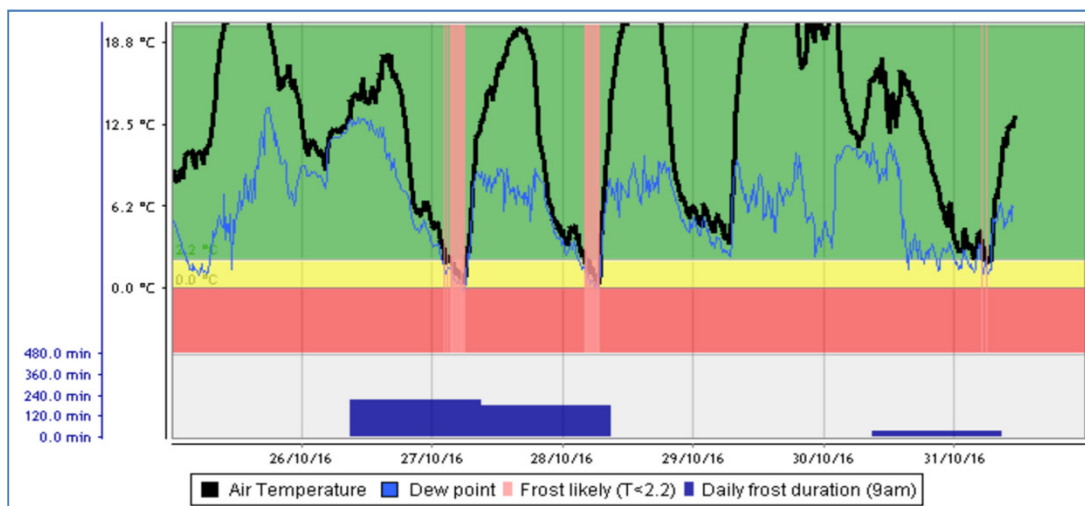
Wind Summary graph shows 24hr Max/Average/Min

Harvest FDI shows Fire Danger Index, based on a 100% curing factor & 2.0m wind speed
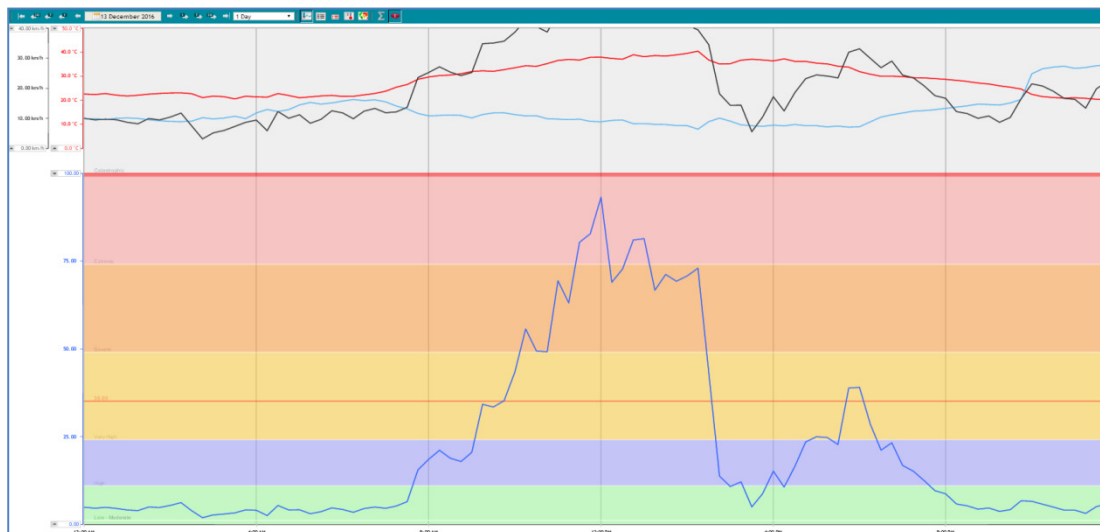
Frost Hours shows daily cumulative minutes of frost <2.2°C in dark blue bars at the bottom. The vertical pink lines show if a frost is likely Y/N. Yellow band is <2.2°C, >0°C.

Spray Conditions shows Delta T and Wind Speed Average on the same graph. Both parameters show the acceptable bands for spraying (green) and upper and lower limits
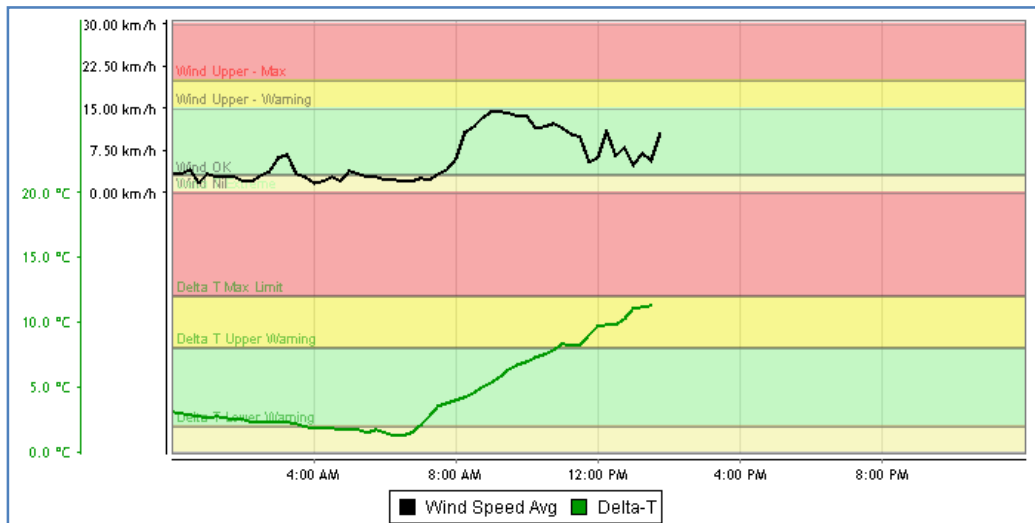
Dew Point shows past 7 days of Dew Point with the air temperature and relative humidity as well.