



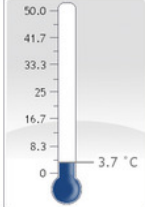
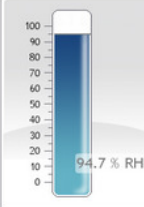
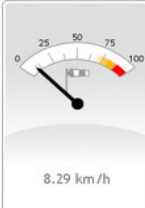

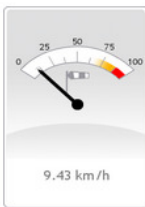
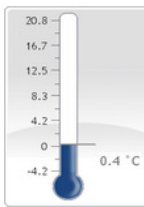
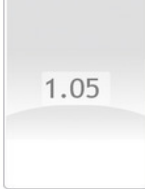
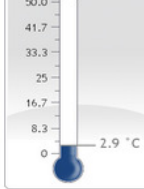
Weather web app display - dashboard




livedata

Go To [LiveData](#) Page

Rogers - 859009
Oct 22, 2016 7:00:00 AM

Temperature	Relative Humidity
	
Wind Speed AVG	Wind Direction
	
Wind Gust - Max	Delta T - Value
	
Fire Danger Index	Dew Point
	

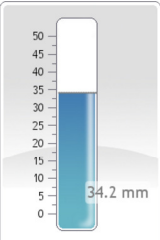
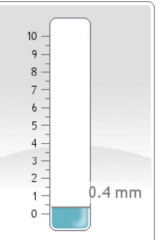
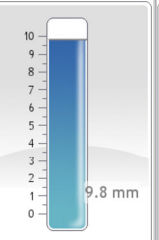
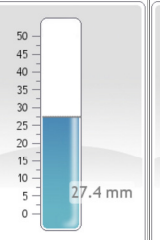
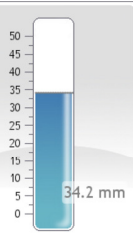
Time stamp of last reading

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

Icons displaying current readings

Rainfall summaries:

- GS = Growing season (1st APR – 30th SEP), this then resets for Summer rain (6mnth split)
- Today Since 9:00am will reset to 0.0mm after 9am each day.
- Previous Day shows summed rainfall since 9am yesterday.

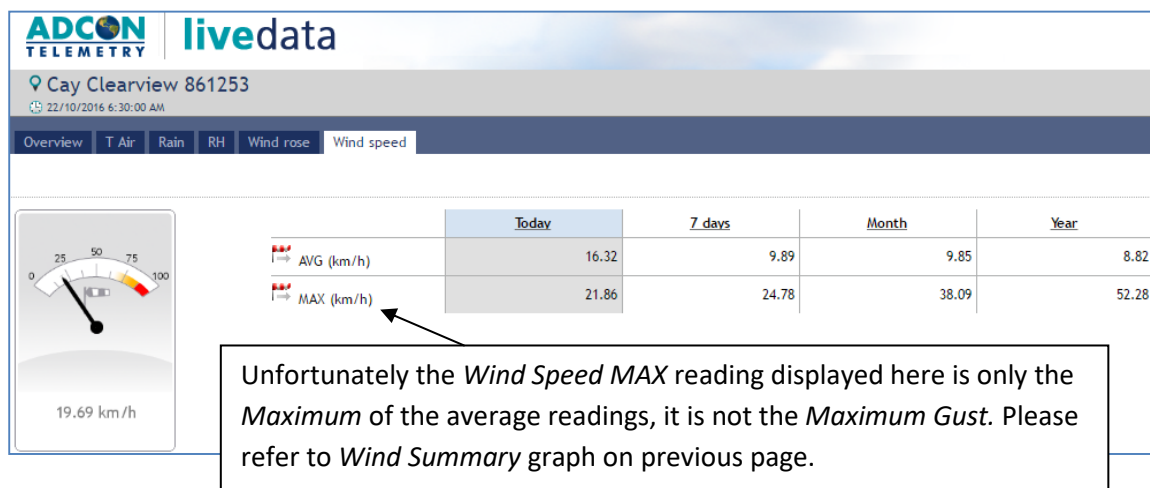
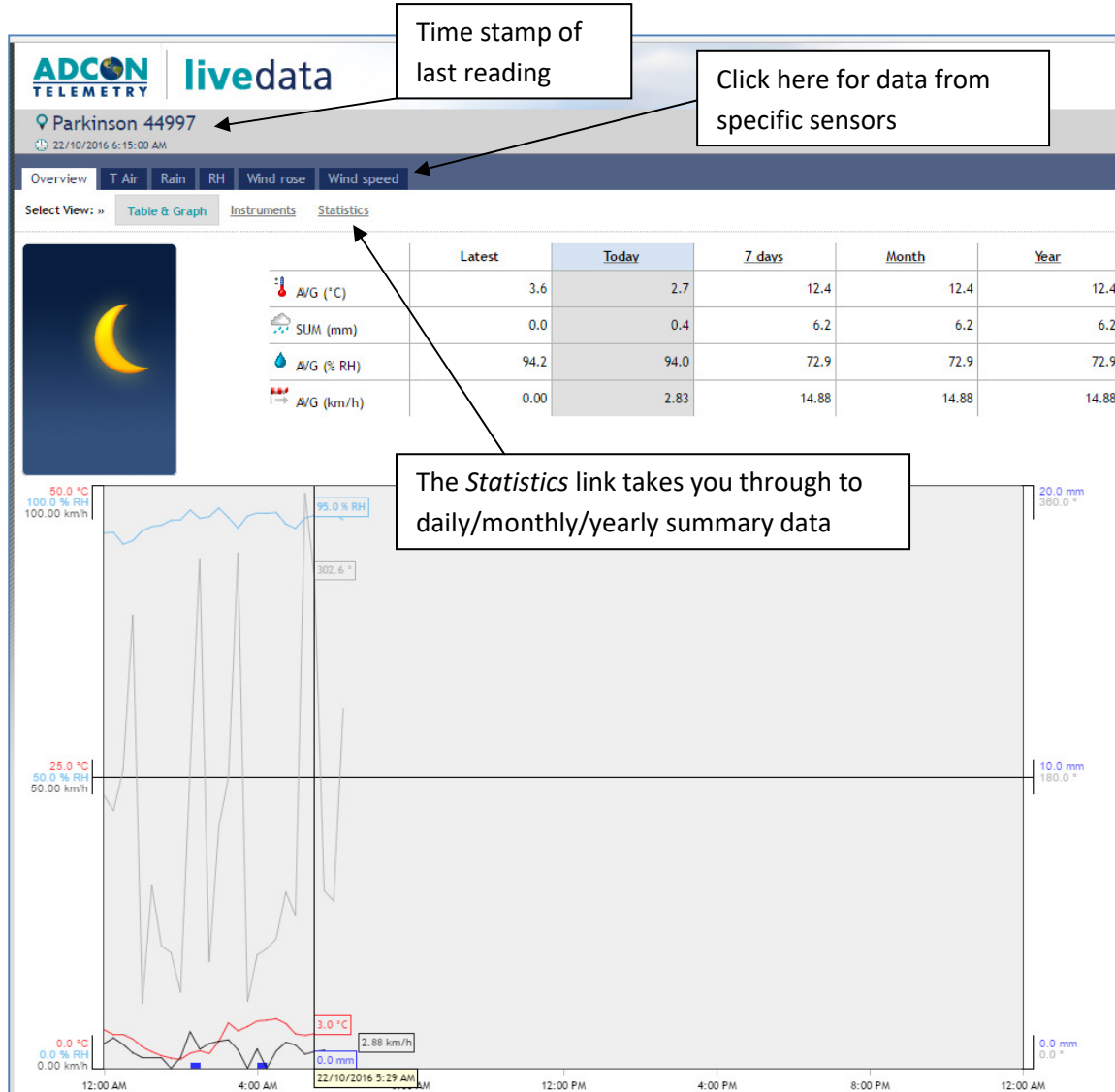
Rainfall - Information				
GS - Summer Rain Running Total	Today Since 9:00 am Running Total	Previous Day Sum since 9:00 am	Previous 7 Days Running Total	Current Month Running Total
				
Click Here for Spray Conditions Graph		Click Here for Harvest FD Index Graph		
Click Here for Frost Hours Graph		Click Here for Dew Point Graph		
Click Here for Wind Summary Graph				

Post-processed weather derivatives:

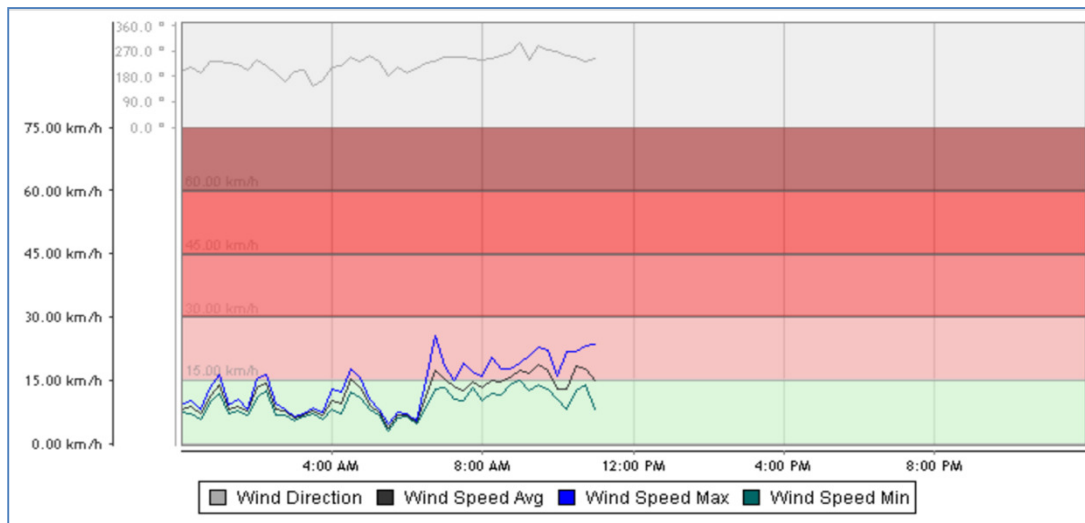
- Spray conditions shows Delta T
- Frost hours shows cumulative frost hrs (below 2.2DegC) to 9am each morning (in dark blue) and red bars to indicate YES/NO of chance of frost
- Wind Summary shows 24hr Max/Ave/Min wind speeds

Weather web app display – LiveData

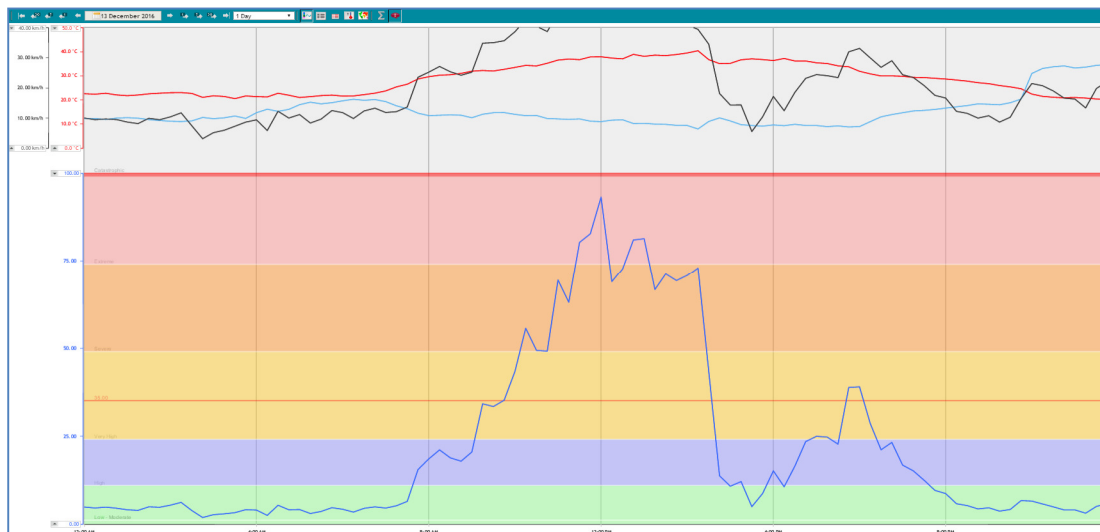
This page displays the data in table & graphical form. It also allows for a slider-ruler to be placed on graphs in order to see what readings were taken at a specific time. It is a bit challenging to do with a mobile phone.



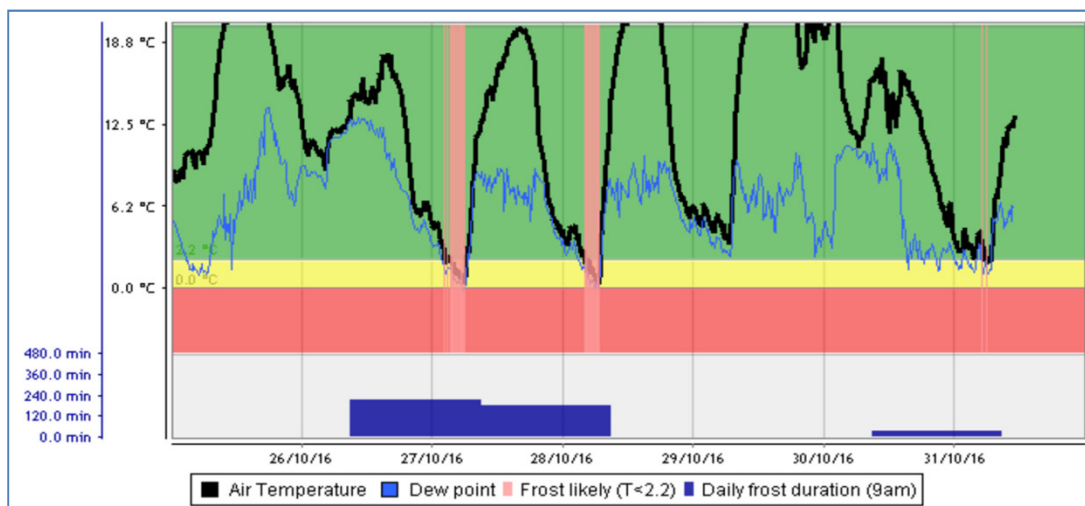
Wind Summary graph shows 24hr Max/Average/Min



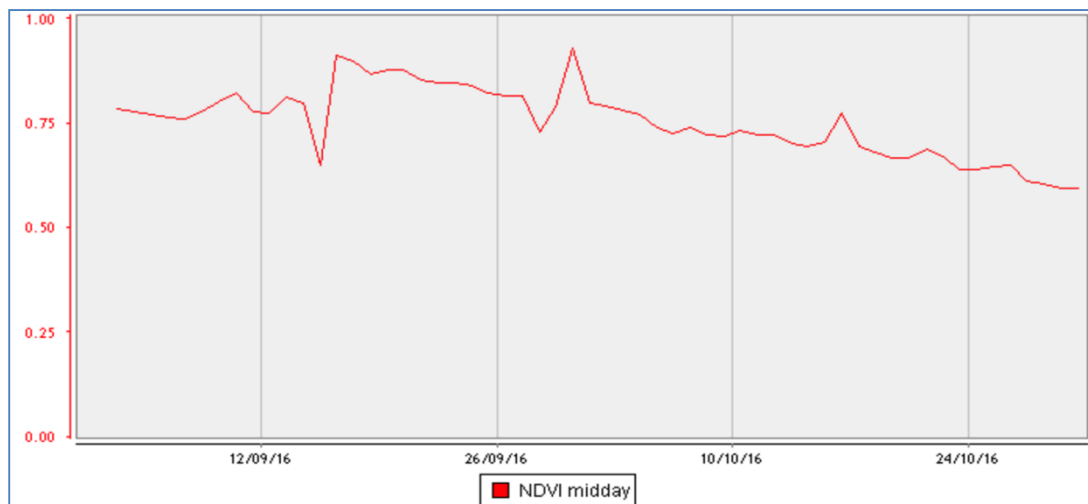
Harvest FDI shows Fire Danger Index, based on a 100% curing factor & 2.0m wind speed



Frost Hours shows daily cumulative hours of frost <2.2°C in 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.



Midday NDVI shows the crop NDVI reading at noon each day.



Spray Drift Risk Index is a new graph that takes into account wind speed as well as the Delta T variation utilising an air temperature and relative humidity sensor mounted on a 10m tower. The index is to be a **guide only** and local paddock conditions should be observed by grain producers when spraying

