






## Weather Station with Inversion Tower

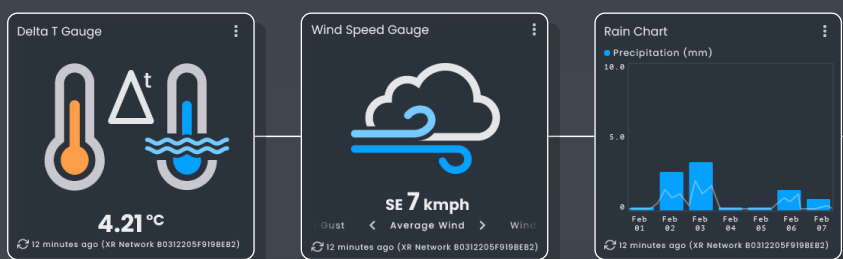
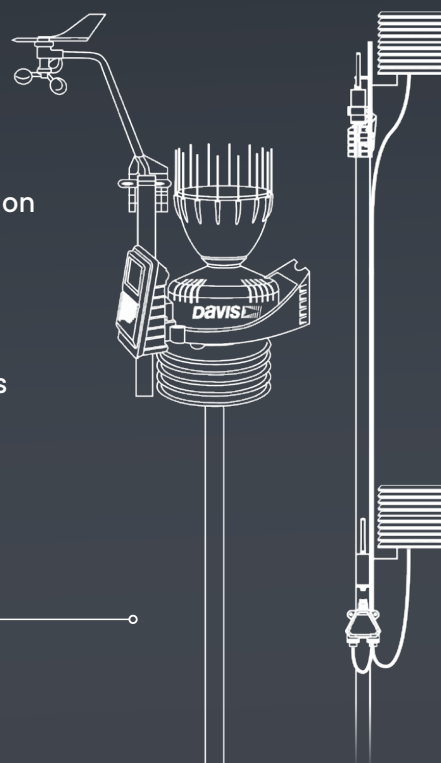


INCYT's Weather Station with Inversion Tower offers you accurate, real-time, hyper-local weather and inversion data.

Knowing the exact temperature on your farm, whether an inversion is present, how much rainfall you've had, wind speed and direction, Delta-T, humidity dew point and more, is key to so many decision making processes. From knowing whether you can spray your crops to calculating your fertiliser needs and organising your harvest contractors; weather data underpins all of these decisions and many more. INCYT's weather station with inversion tower is made by Davis Instruments and is designed to meet the guidelines of the World Meteorological Organisation.

-  Built to Last
-  Plug 'n Play
-  Solar Powered
-  XR
-  Professional Installation

- + Configure your dashboard the way you want to see your weather data
- + View hourly and long term forecast on your INCYT dashboard
- + UV Sensor and solar radiation sensor available as optional add-on
- + 10 meter inversion tower with 2 additional temperature and humidity sensors
- + Configure low and high risk level alarms for different parameters





## Local Weather Information

INCYT's weather station with inversion tower utilises INCYT's XR network, so you're not restricted to only using this in areas where you've got a mobile signal – as long as your weather station with inversion tower is within reach of a INCYT base station, you're able to use it.

Weather is one of the most critical factor for farm performance, and keeping a close eye on local conditions is critical for so many tasks and decisions. With the combination of INCYT's XR network and Davis Instrument's weather station you know you're working with best-in-class equipment that will not let you down.

Whether or not an inversion is present on your farm is important to know when performing a spray application. Inversion presence can vary over short distances depending on topography, the presence of peaks and troughs in the landscape, hence it is critical to have localised information when spraying higher risk chemistry on farm.

INCYT's weather and inversion data is available to you through the INCYT cockpit, which allows you to share this data with other users on your INCYT account. You are able to see ambient temperature, inversion presence, humidity, rainfall, dew point, Delta T and wind speed, direction including wind gusts. You also have access to the hourly and long term forecast, based on VisualCrossing weather data.

Configure alarms for measurements such as inversion presence, rainfall, temperature, relative humidity, wind and delta T – with both high and low configurations for a 24 hour, 7 day, 30 day or 365 day period. Alarms can be sent via email, text or in-app notifications to yourself or anyone else you choose to send this alarm to.

### Specifications

Temperature Range	-40 to 65°C
Inversion tower height	10m
Connectivity	XR Network
Power Source	INCYT Blue Node
Rainfall accuracy	0.2mm
Rain Rate Accuracy	±5% for rain rates up to 250 mm/hr
Wind Speed Accuracy	±5% for wind speed up to 322km/hr

