

Central Otago Project Update

April 2022

Kia ora,

Contractors are installing three, solar-powered, wind meters (anemometers) in Tarras this week.

The anemometers will measure the area's wind speed and direction in real time and are the first phase of an automatic weather station (AWS) being installed on our land.

Once it's operational, the AWS will also measure air pressure, temperature, humidity, rainfall, cloud cover and visibility.

Its ceilometer will be able to measure up to three layers of cloud and its high-resolution rain gauge will measure precipitation to within a tenth of a millimetre.

What's happening this week?

Equipment will be trucked to site, three 2x2 metre concrete pads will be poured before the masts are erected and fenced to protect them from stock.

Two of the masts (measuring 10 and 18 metres) will be installed on our 750-hectare site, the third (measuring 10 metres) will be sited on a neighbouring farm.

You may like to know ...

This is a minor construction job – no road closures, no major noise or interruptions. We just thought you might like to know what the new masts are.

Why are we doing this?

It is really important our project is well-informed – this technology will help achieve that.

Weather conditions have a major influence on airport planning and to date our analysis has been undertaken using ten years' worth of historical weather data that was modelled by NIWA (you may recall this was outlined in the [Preliminary Aeronautical Assessment](#) we released last year).

Installing this AWS will give us site-specific data to assist with the deeper analysis of the potential runway alignments.

We are aiming to establish a preferred alignment by the end of this year.

Please feel free to share this email with others so they can sign up for future updates.