

National Climate Centre

guiding responses to global change

ClimateExplorer – climate information your way

Imagine a farmer considering whether to send more stock to the works during a drought. The farmer logs on to the web for the current soil moisture status and forecasts of the probability of rain in the next 15 days. The farmer combines this with other information (e.g., meat prices, booking schedules for local meatworks) to decide what to do.

NIWA ClimateExplorer, which went live this year, makes good quality, timely climate analysis readily available over the web. ClimateExplorer is an example of Crown-funded science supporting sound business decisions.

<http://climate-explorer.niwa.co.nz>

Making the most of the climate

As part of our efforts to help farmers make the most of the climate, we have been working with Chris and Jane Earl at Scargill, North Canterbury. Their property is a Meat & Wool New Zealand monitor farm. We have installed a NIWA compact climate station there, estimated a long-term climate record for the farm, and developed software to help farmers use the data – approaches which can be applied to any farm in the country. Farm advisor, Phill Everest, says that the climate station is collecting good value data which is now being implemented into management strategies.

*helping people
prepare for and deal
with the climate
– now and in the
future*

- climate measurement & monitoring
- climate data & summaries
- climate maps & GIS layers
- climate forecasts & seasonal outlooks
- influences on climate, including El Niño, sea surface temperatures
- future climate
- effects of climate – present & future
- climate-related hazards



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