

# Fire Registry & Smoke Forecasts

Rural Fire Research · Tools · Smoke forecasting · Fire Registry & Smoke Forecasts

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Choose simulation type

The Fire Registry tool uses detected hotspots identified from satellite data to model potential smoke hazard over New Zealand.

NZ NZ + Australia [Login for fire growth](#)

Using satellite hotspots detected within the last 12 hours

Fire detect info

5 NZ hotspots between 8/12/2020, 6:30:02 pm NZDT and 9/12/2020, 6:30:02 am NZDT

Most recent hotspot detected at 9/12/2020, 2:36:00 am NZDT

Hotspots used in current simulation

Select a forecast date using the date picker or buttons

Map tools

Date

09/12/2020

Forecast as at 6:30 AM

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Smoke Dispersion

Animate smoke dispersion  
Use button to start and pause  
Drag slider to select a time

Select a specific daily simulation

Full screen mode



Zoom map or use mouse scroll wheel

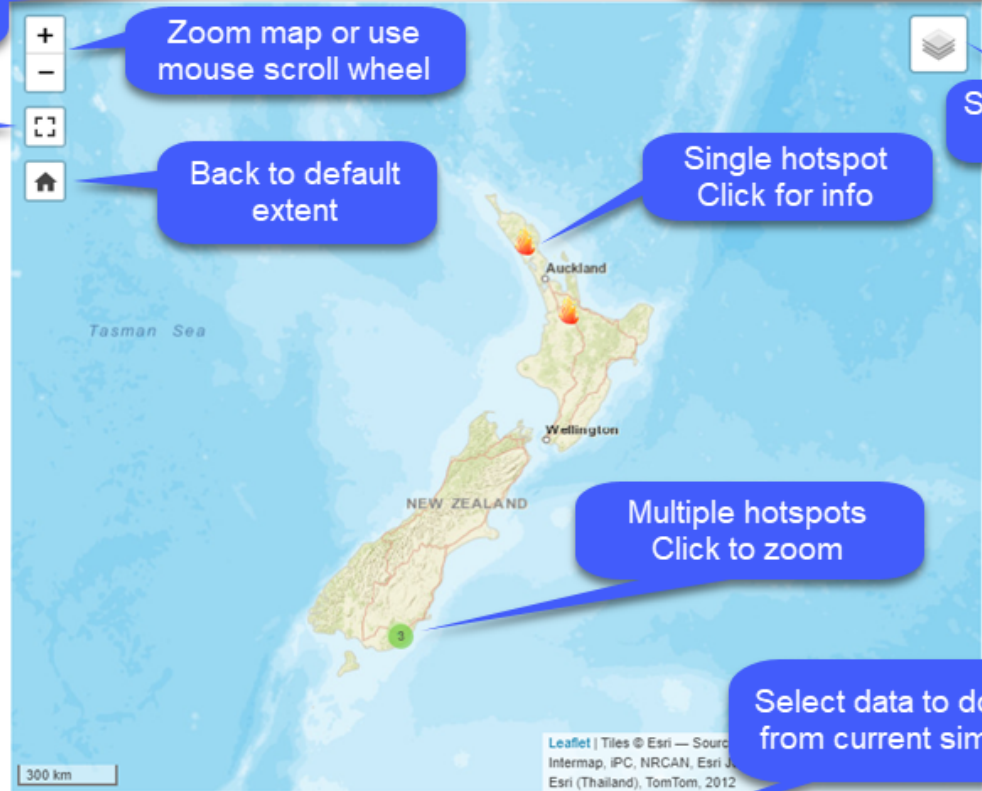
Back to default extent



Select map layers

Single hotspot  
Click for info

Multiple hotspots  
Click to zoom



Select data to download from current simulation.

Smoke forecast tools

Legend (hourly PM<sub>2.5</sub>)



Downloads

View

Processing Info

To view simulation processing steps

Using met forecast issued at 8/12/2020, 7:00:00 pm NZDT

Smoke forecast from 9/12/2020, 1:00:00 am NZDT to 12/12/2020, 12:00:00 am NZDT

Bluesky completed execution on 9/12/2020, 7:03:36 am NZDT

## Registry information

Status: Ready

Fire Registry last ran on 9/12/2020, 9:30:01 am NZDT

Fire Registry Version: 0.9.9

Smoke forecasts are modelled using the Bluesky Framework v3.5.1

Fire growth forecasts are modelled using Prometheus Software as a Service v7.2.6.1

Status of Fire Registry server