

A photograph of a forest fire. In the foreground, there is a line of bright orange and yellow flames burning through dry grass and low-lying vegetation. Behind the fire, a dense forest of tall, thin trees is visible, but the air is filled with thick, white and grey smoke that partially obscures the trees. The overall scene is hazy and smoky.

NAFI Update

North Australian Fire Managers Forum 2013

Peter Jacklyn





Research Institute for the Environment and Livelihoods

Responses to Feedback

- **Keep site simple and improve the maps**
- **Add some more tools and features**
- **Make it easier to use the extra tools**
- **Have it more easily available on mobiles**
- **Make it easier to use the fire data in various ways**

Responses to Feedback

NAFI North Australian Fire Information

 Northern Territory Government  Charles Darwin UNIVERSITY  Landgate 

View Fire MapsTrack FiresView Fire HistoryDataCreate ReportMore ToolsHelpMAP

Hide Menu

Areas ?

Preset Areas


- ▶ Cape York Pen'sla
- ▶ North East Qld
- ▶ The Gulf Qld
- ▶ Central Qld
- ▶ Central West Qld
- ▶ West Qld
- ▶ South Qld
- ▶ NT North
- ▶ NT Central
- ▶ NT South
- ▶ NW Australia
- ▶ South Aust


My Areas +


Go to Location ?

Welcome to NAFI


To view a fire map select your region in the left menu or click on the map below.

 **What's new on NAFI »**

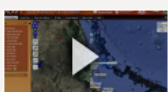
 **NAFI help videos »**



Getting started



How to track fires on NAFI



How to Download Firescar Data

Latest satellite pass showing cloud conditions and hotspots

Geoscience Australia



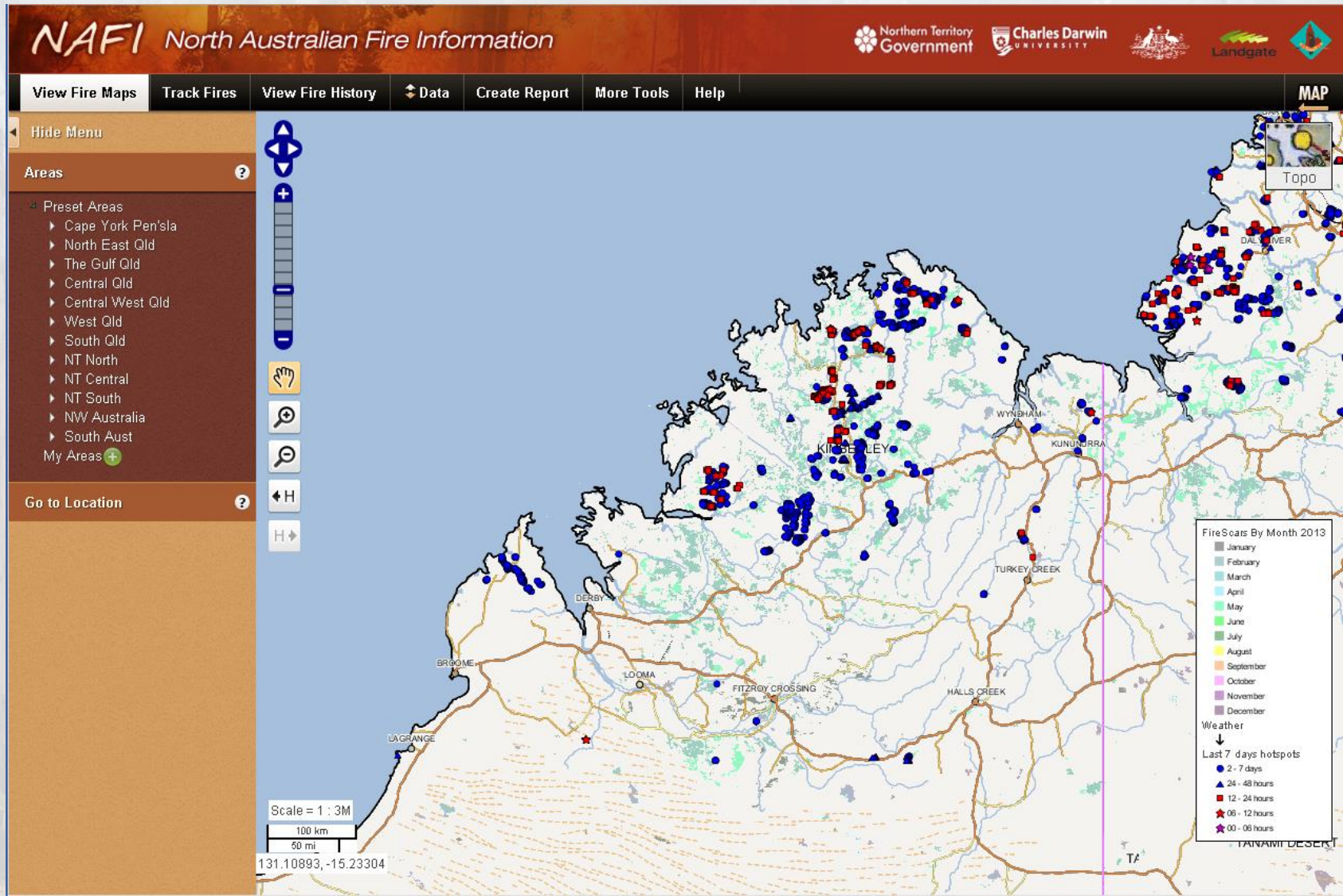
Monday June 17, 2013 16:46 AEST

READ THIS FIRST

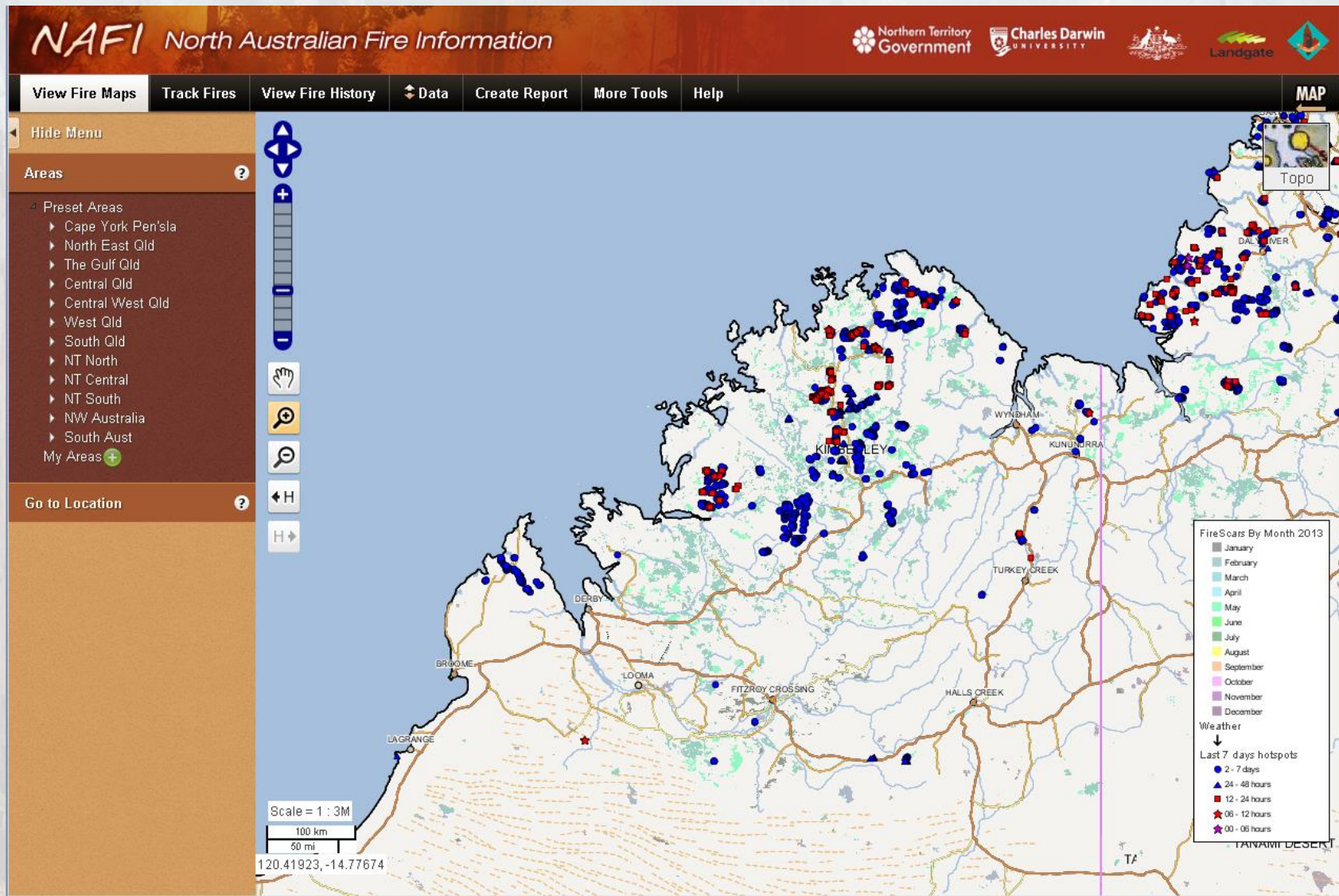
- Hotspot location on any map is only accurate to within 1.5 km
- The hotspot symbol on the maps does not indicate the size of the fire
- Some fires may be small, brief, or obscured by smoke or cloud and go undetected
- Satellites detect other heat sources such as smokestacks

If maps are slow, try our [secondary website](#).For help using this website please [contact us](#).

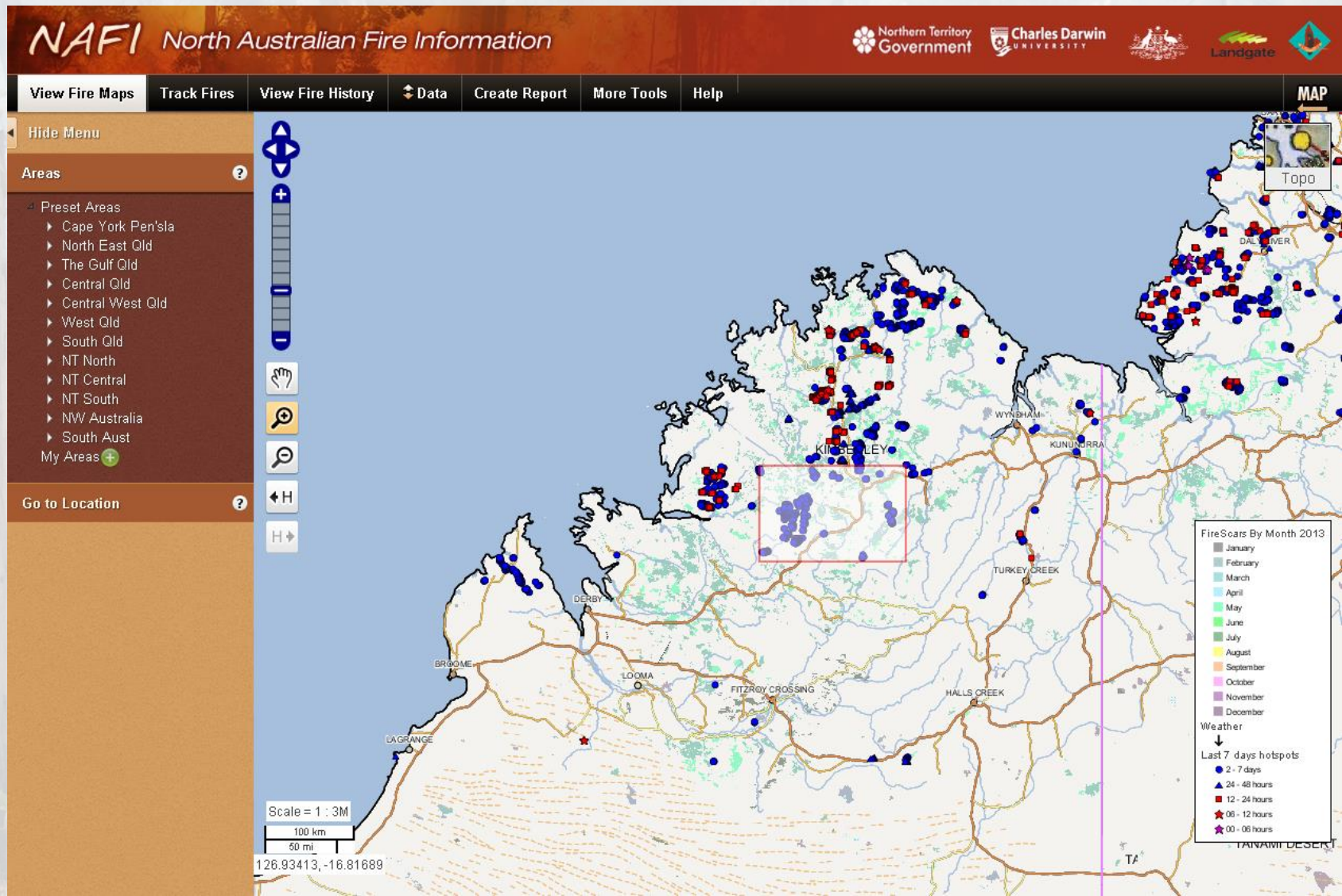
Responses to Feedback



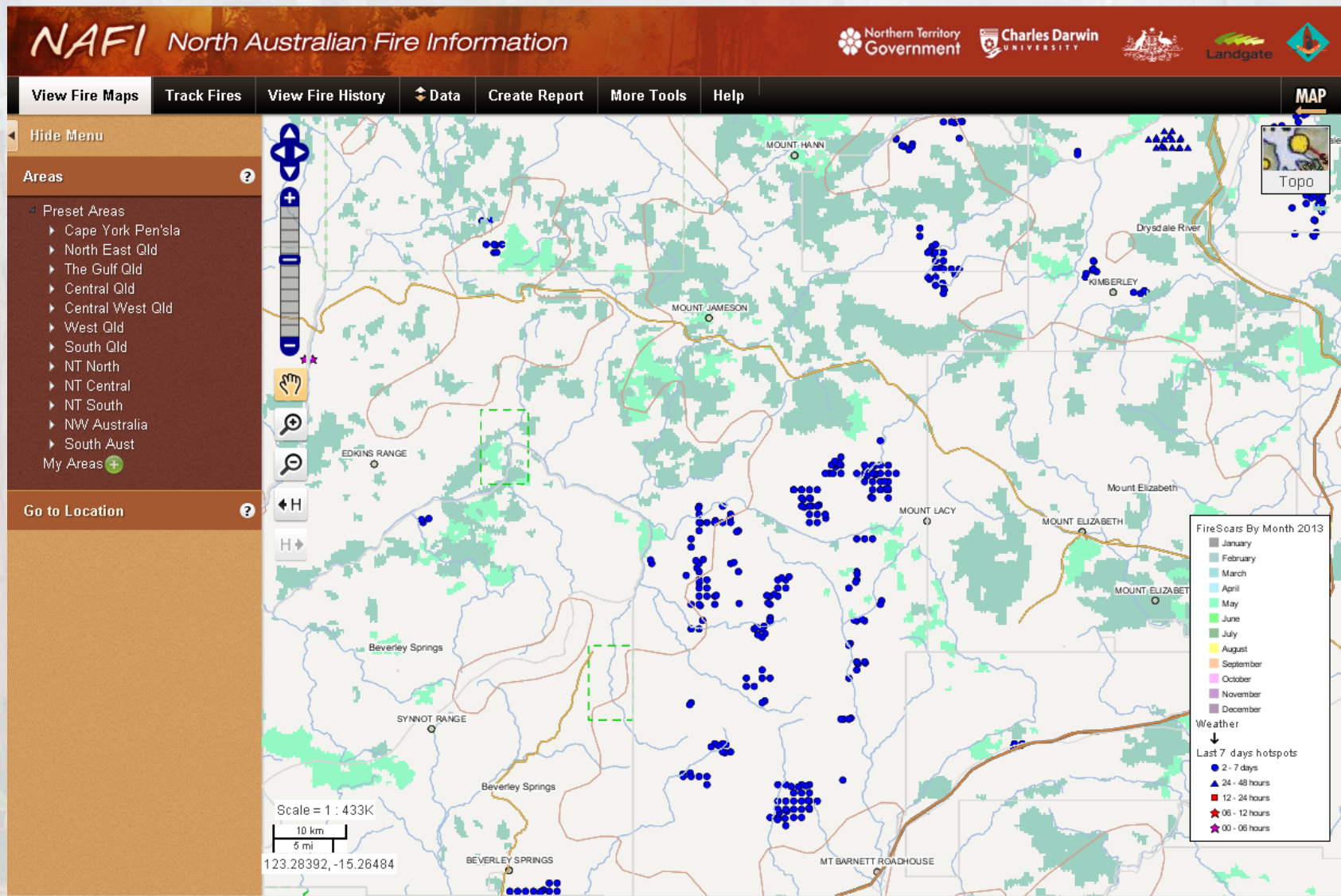
Responses to Feedback



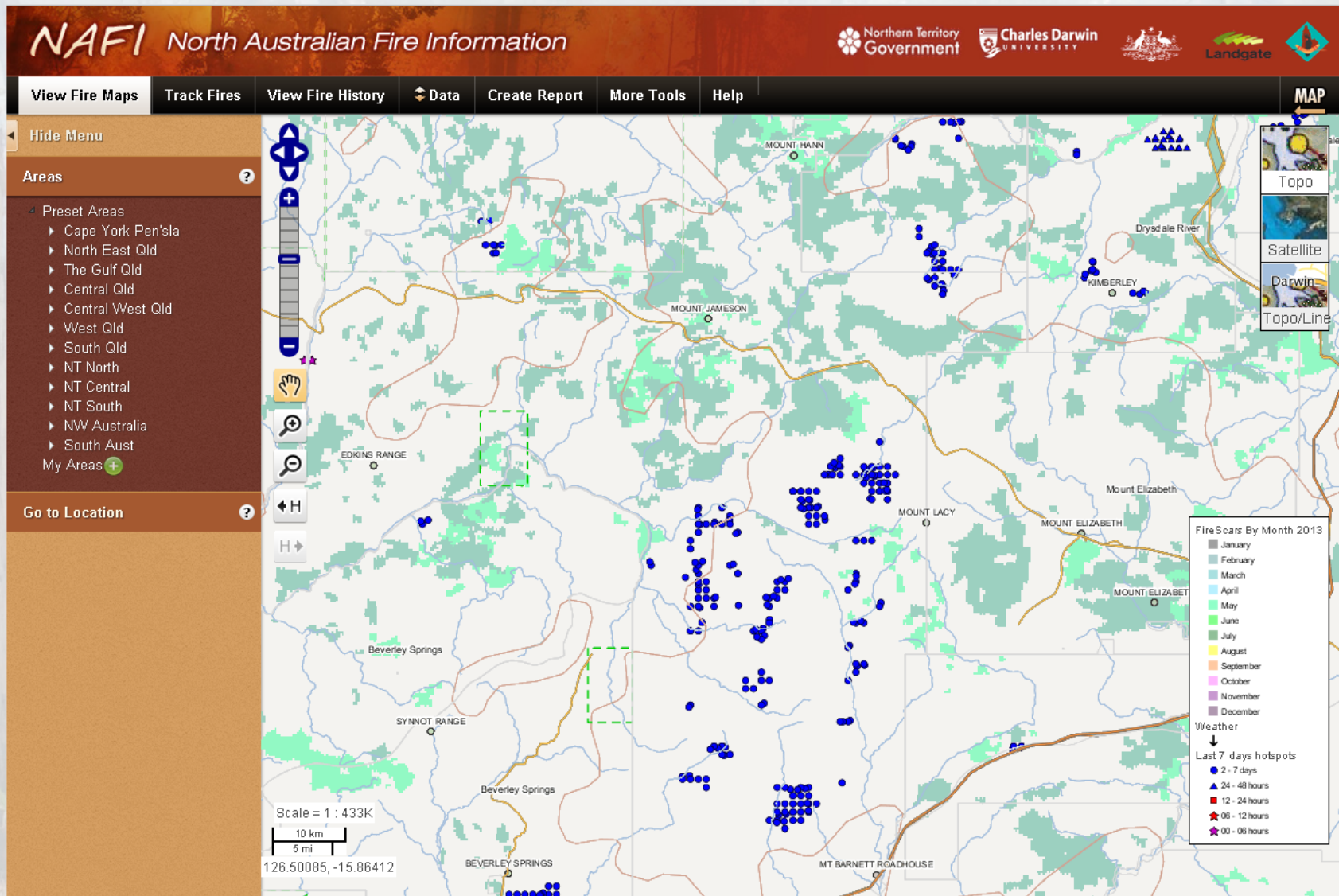
Responses to Feedback



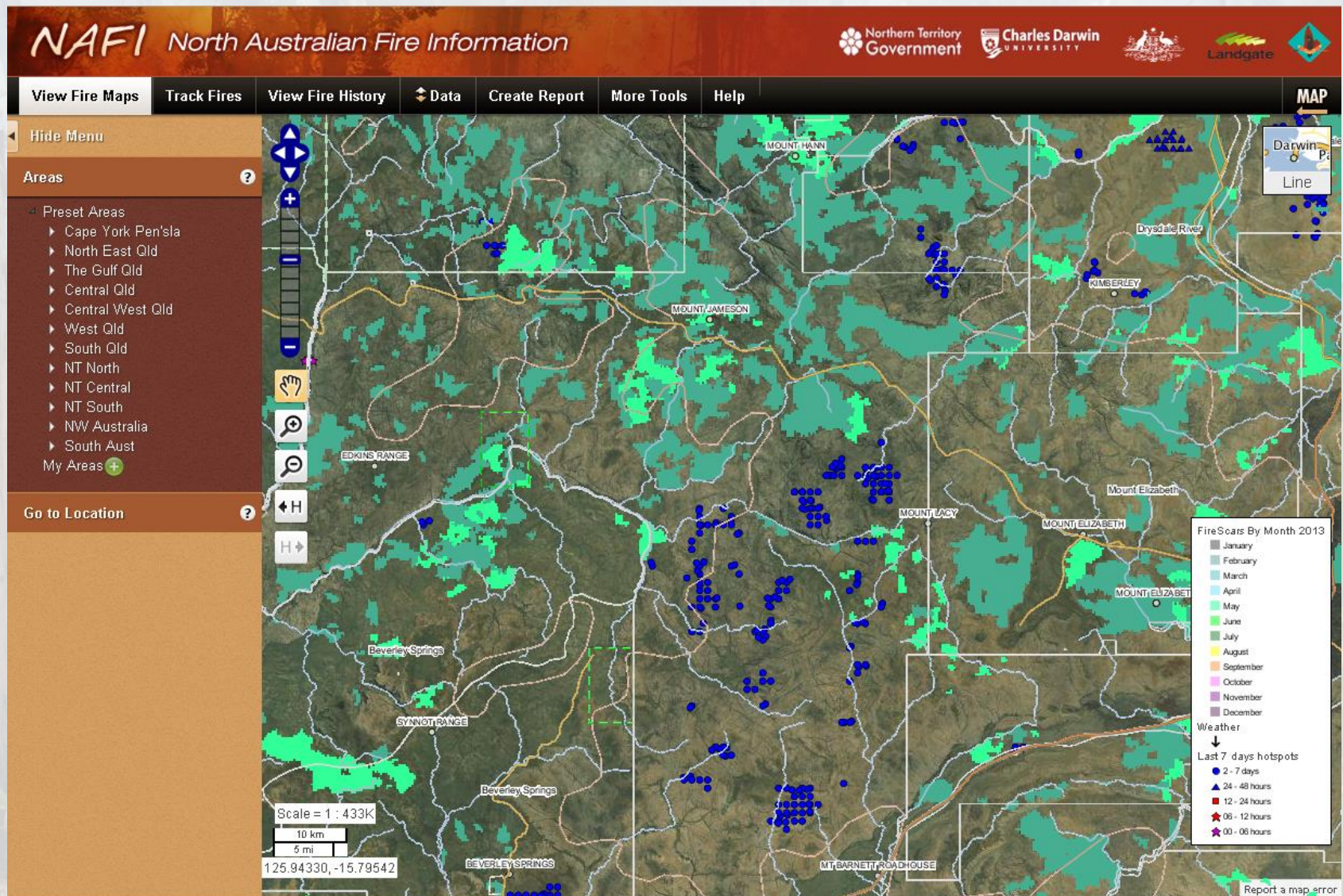
Responses to Feedback



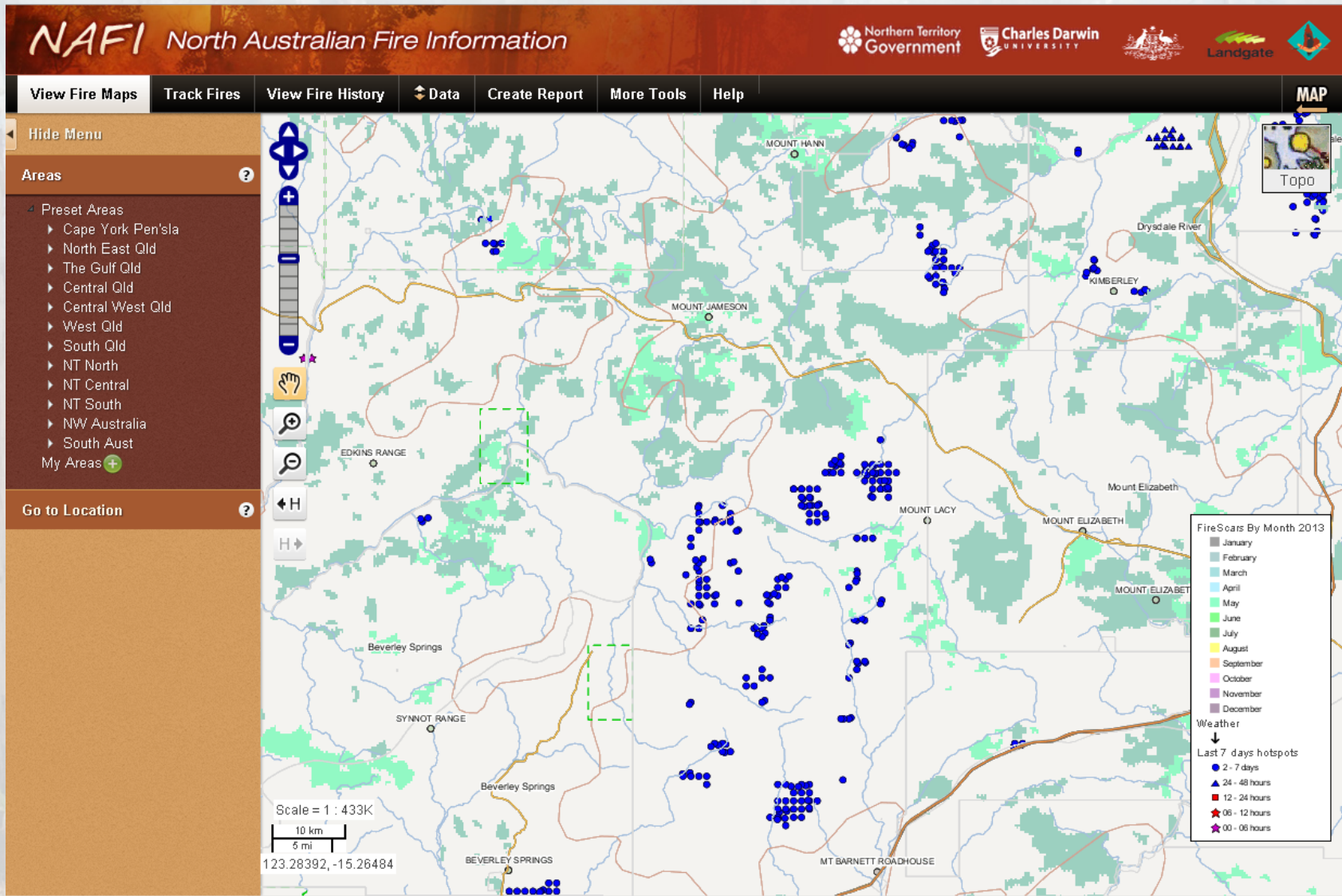
Responses to Feedback



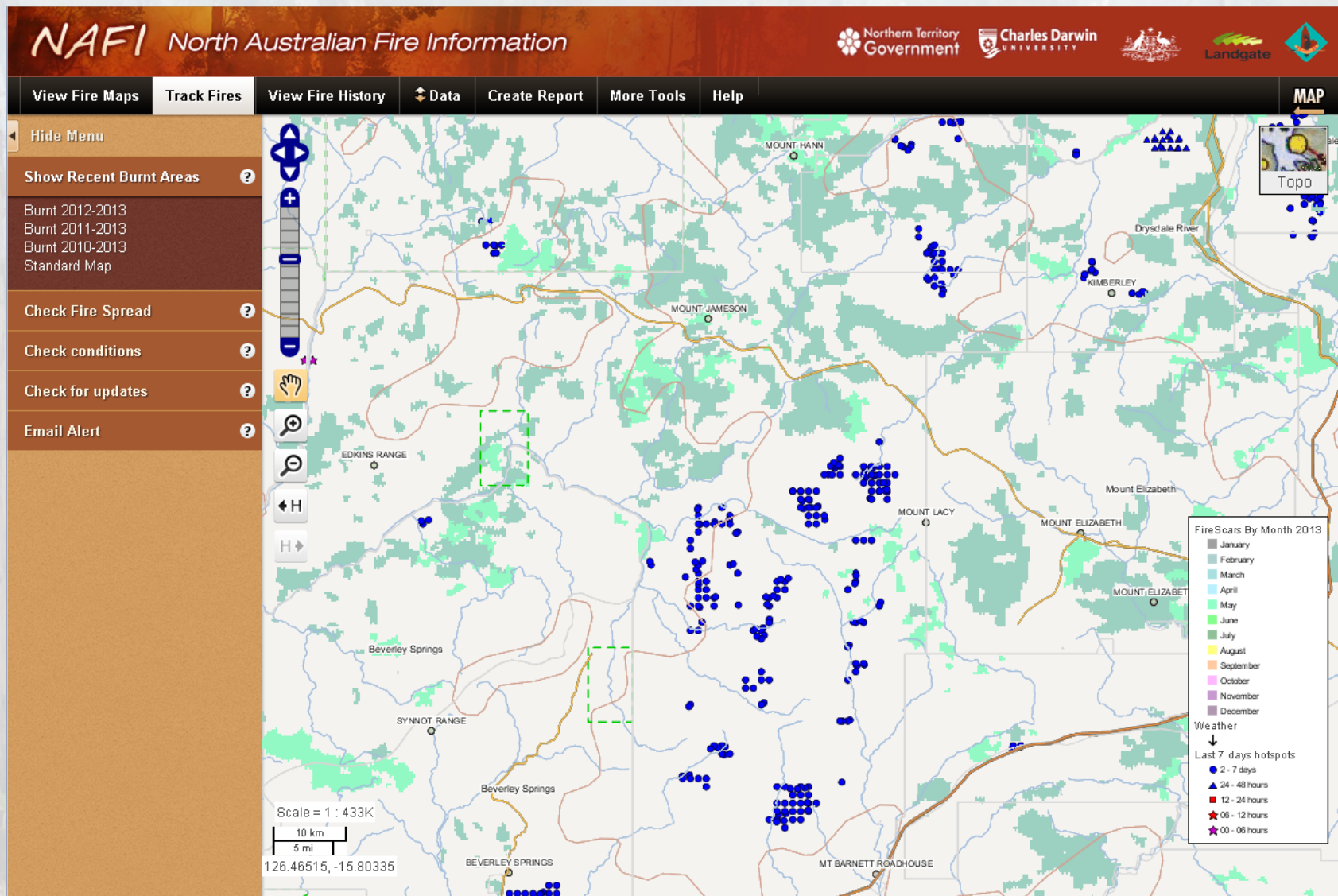
Responses to Feedback



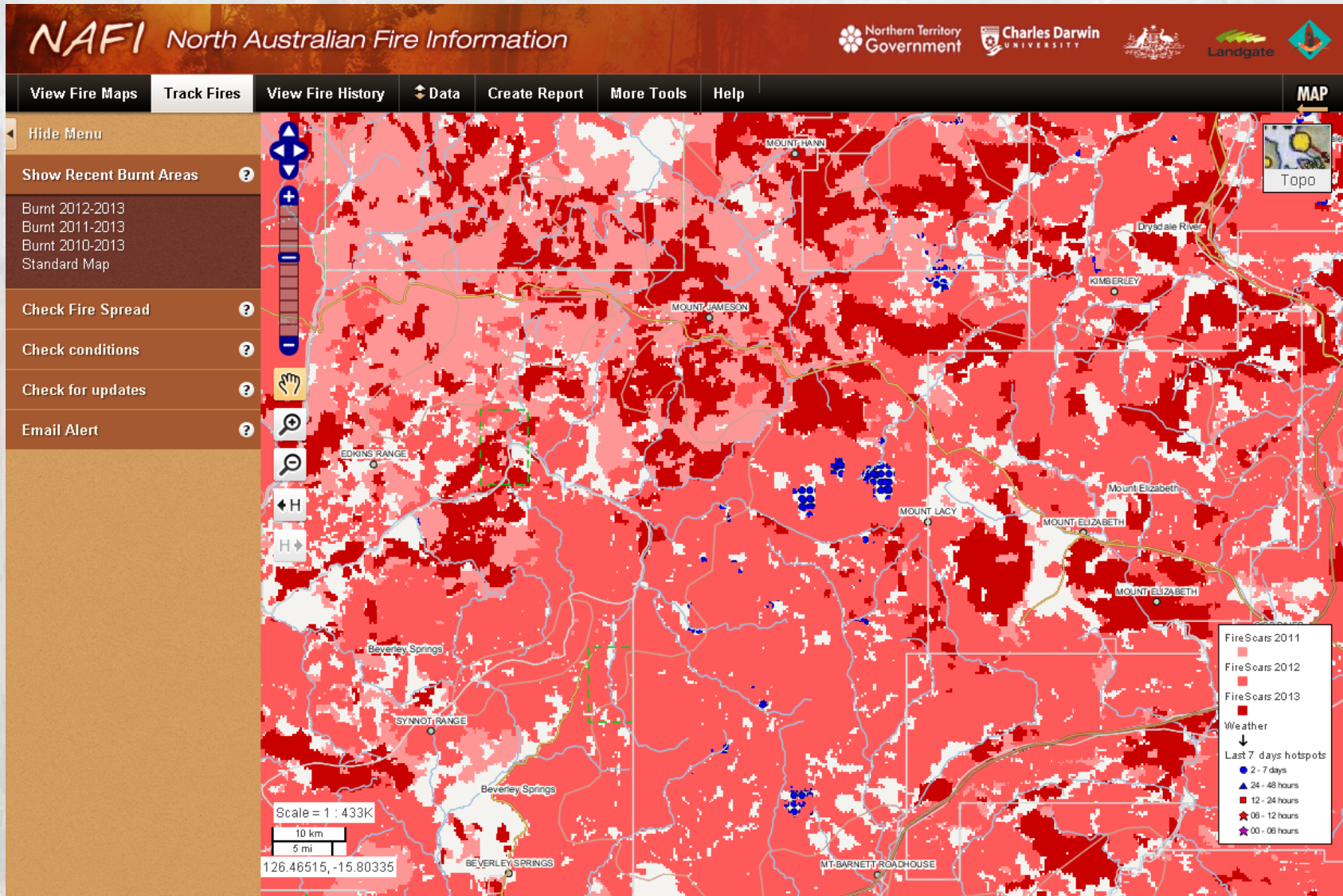
Responses to Feedback



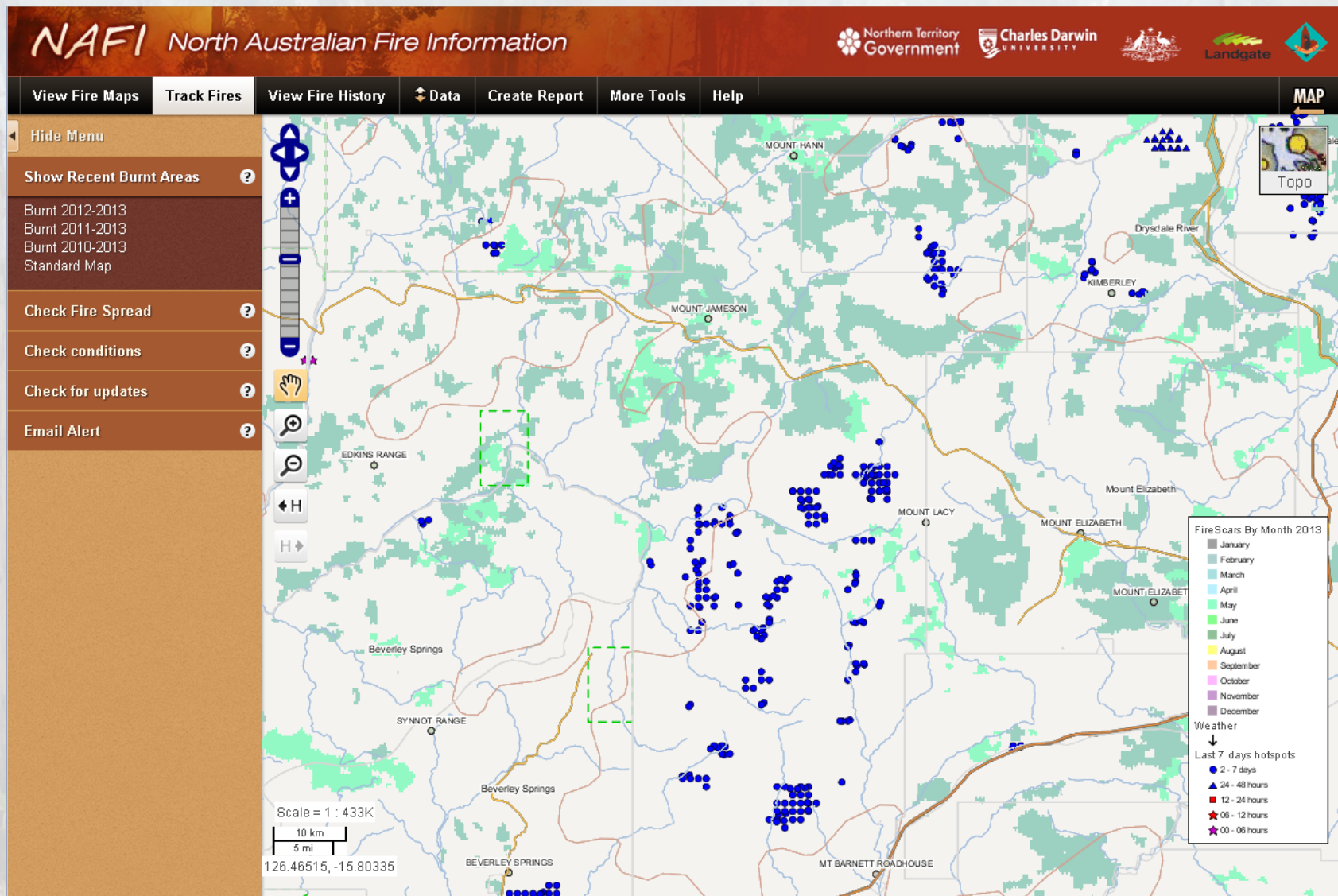
Responses to Feedback



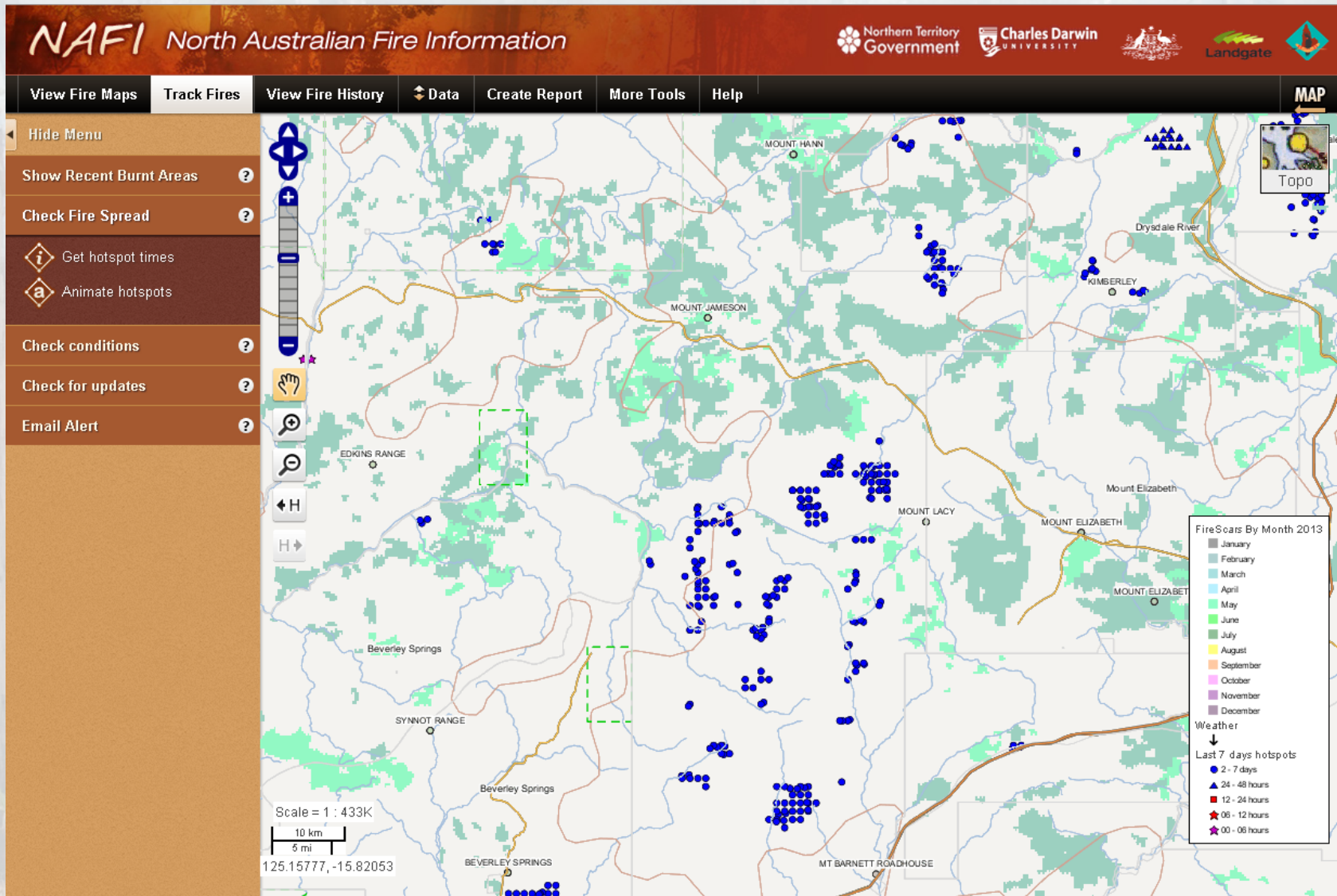
Responses to Feedback



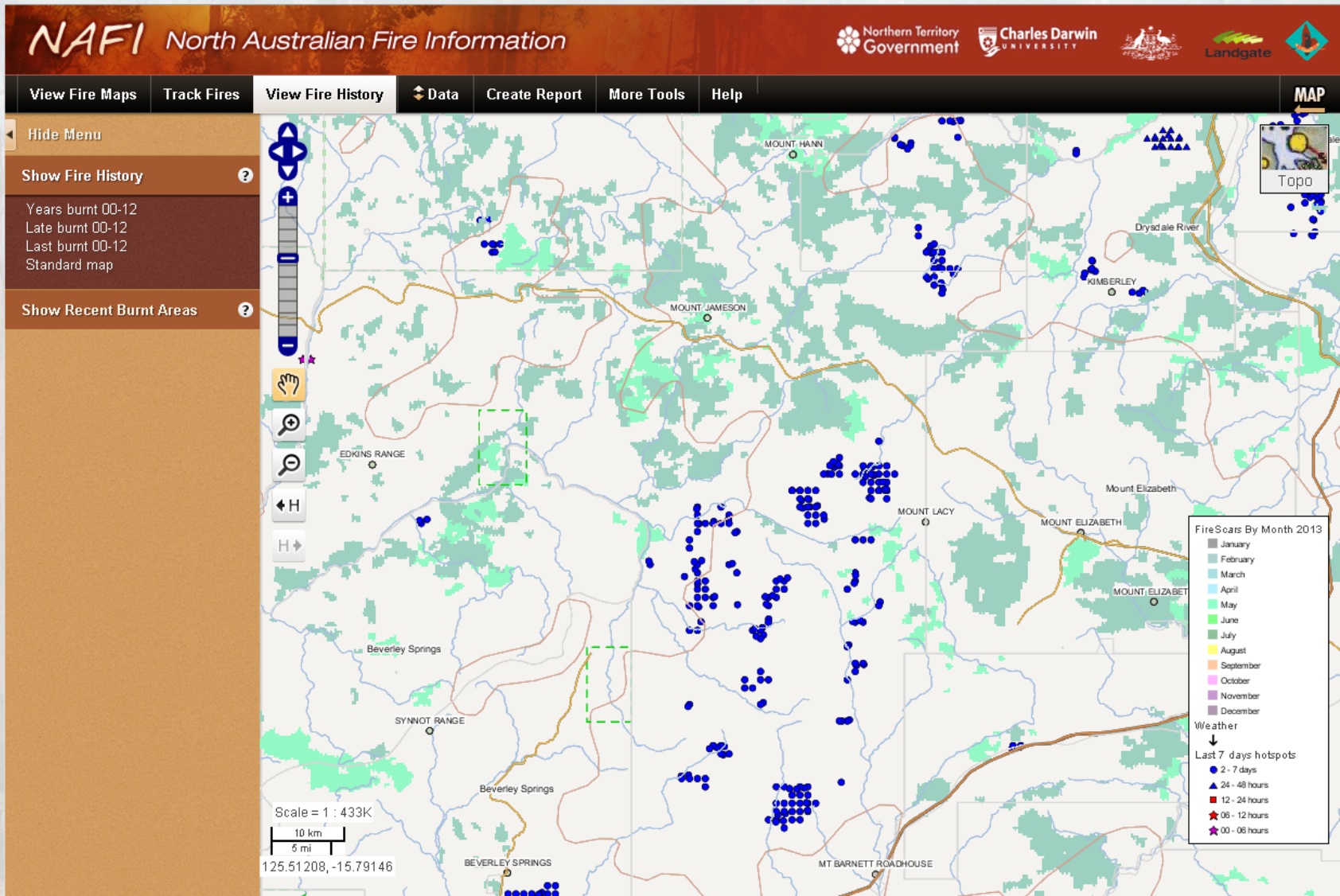
Responses to Feedback



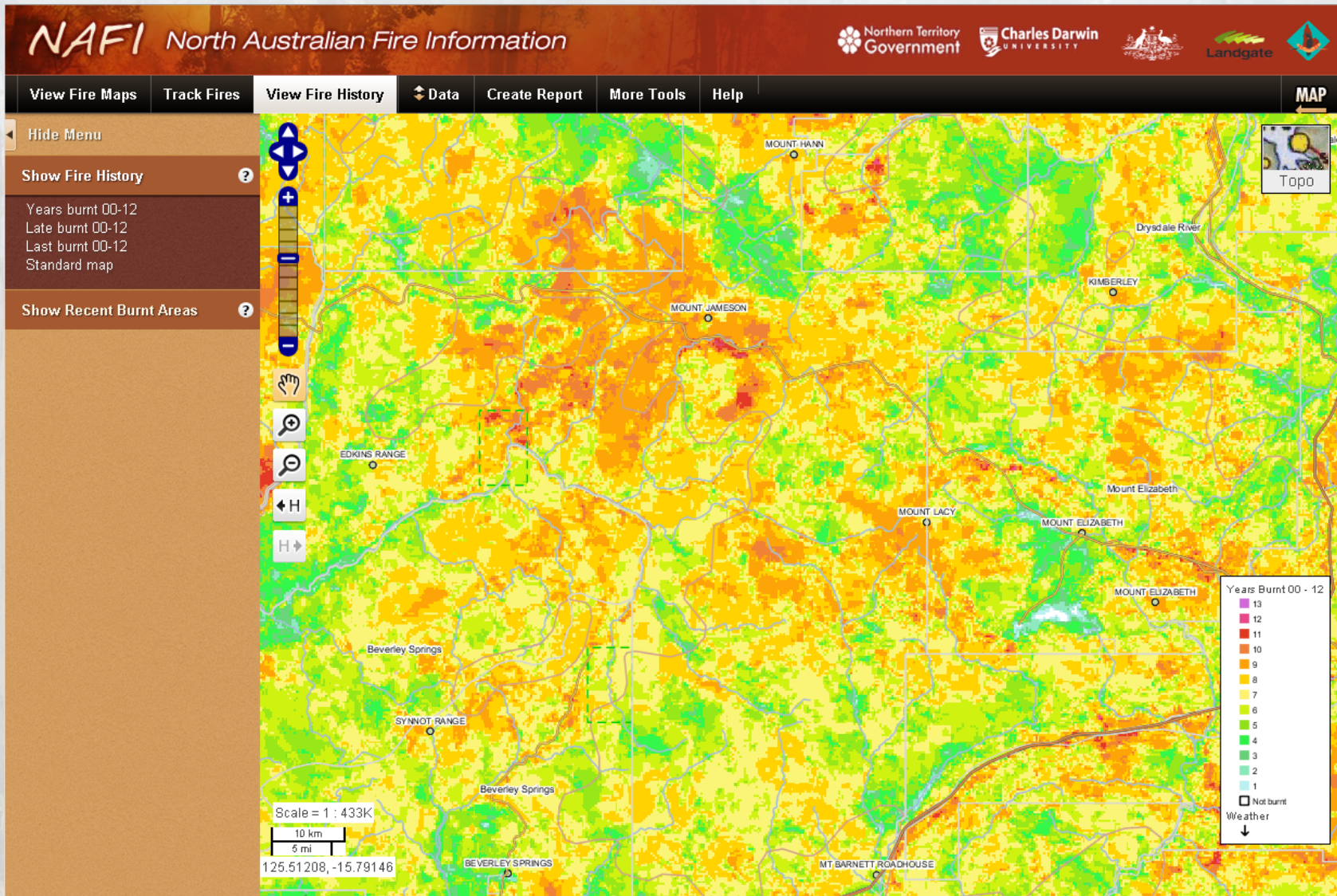
Responses to Feedback



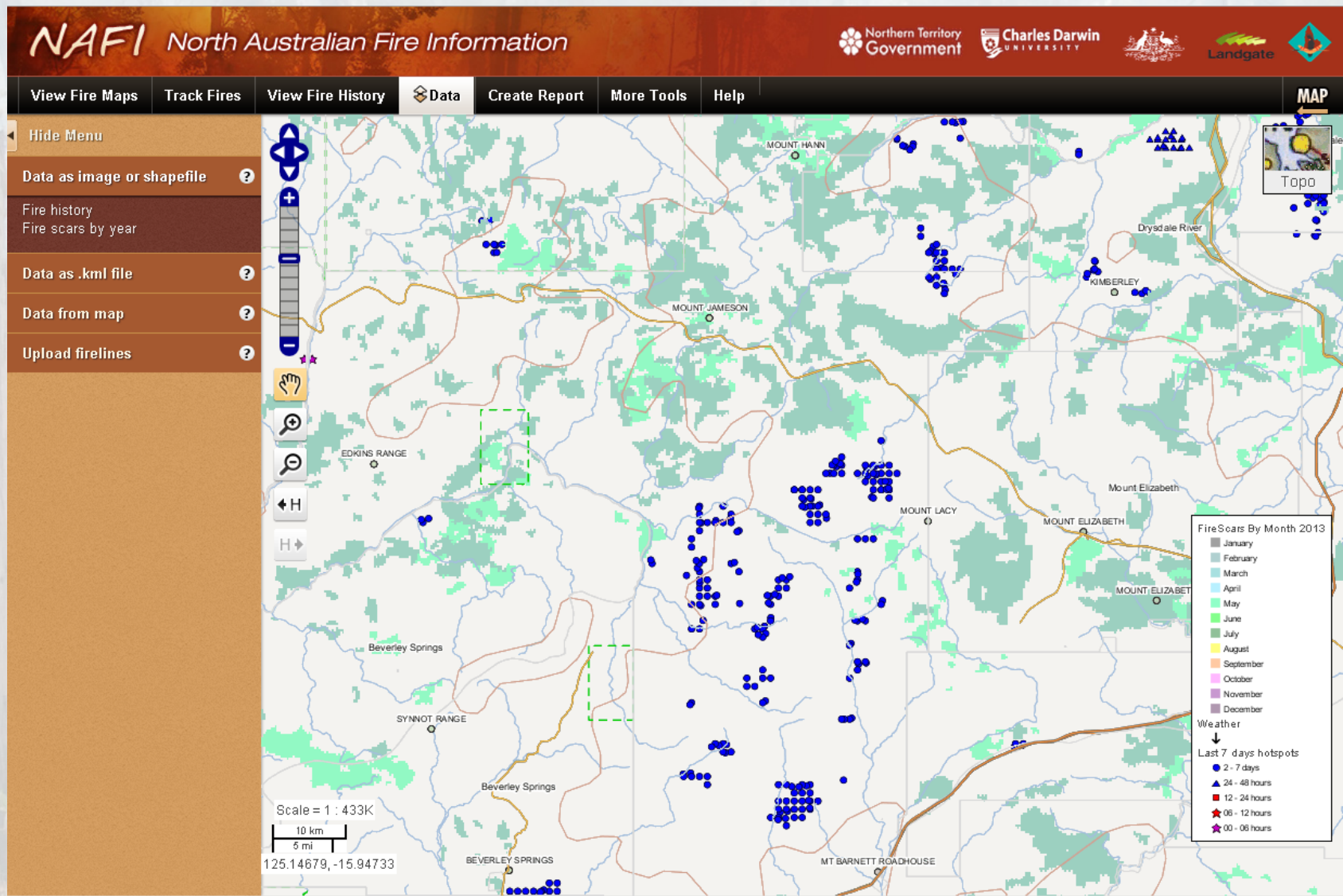
Responses to Feedback



Responses to Feedback







Responses to Feedback



Responses to Feedback

NAFI North Australian Fire Information

 Northern Territory Government  Charles Darwin UNIVERSITY  Landgate 

View Fire MapsTrack FiresView Fire HistoryDataCreate ReportMore ToolsHelpMAP

Hide Menu

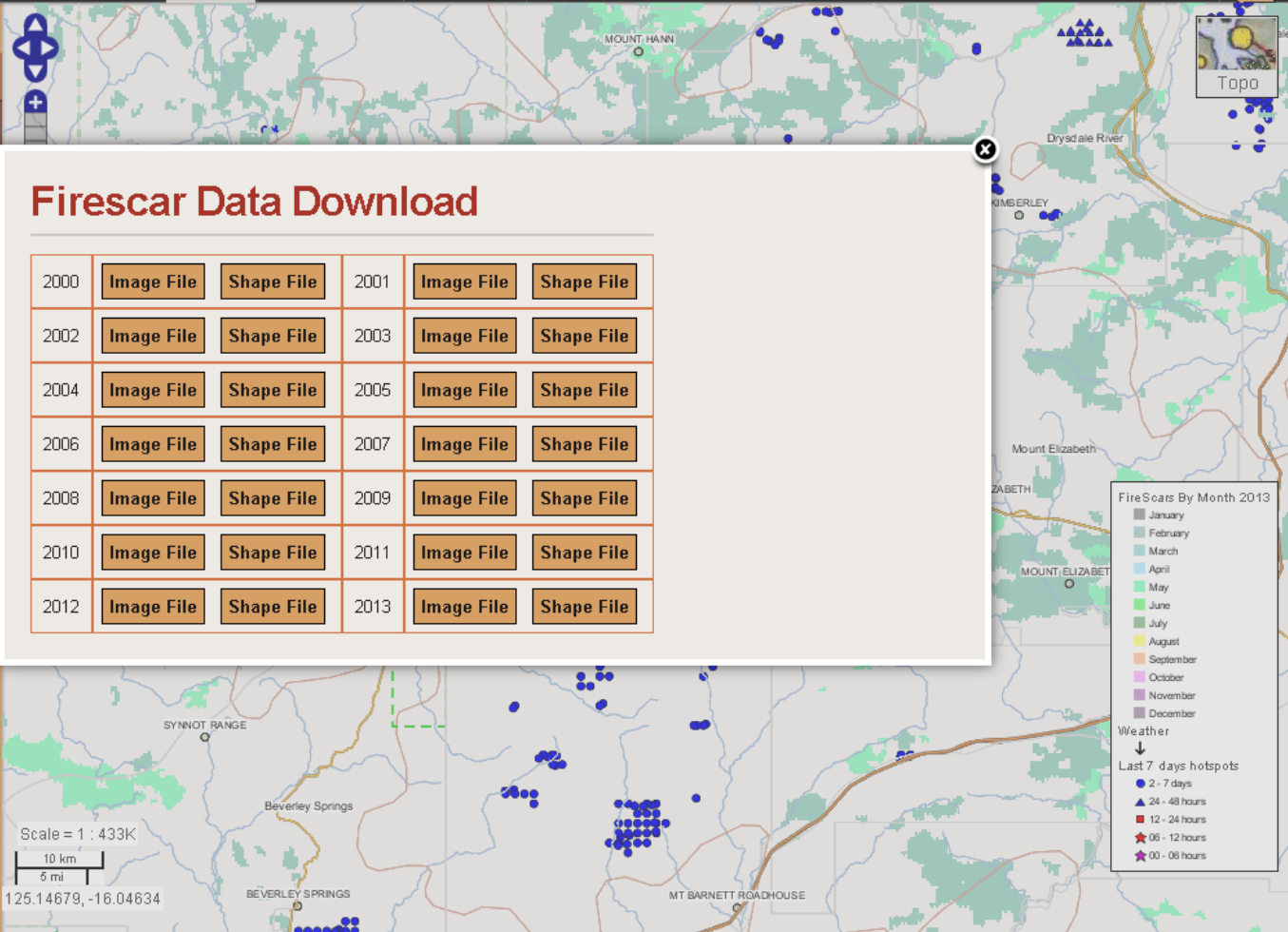
Data as image or shapefile ?

Fire history
Fire scars by year

Data as .kml file ?

Data from map ?

Upload firelines ?



FireScar Data Download

2000	Image File	Shape File	2001	Image File	Shape File
2002	Image File	Shape File	2003	Image File	Shape File
2004	Image File	Shape File	2005	Image File	Shape File
2006	Image File	Shape File	2007	Image File	Shape File
2008	Image File	Shape File	2009	Image File	Shape File
2010	Image File	Shape File	2011	Image File	Shape File
2012	Image File	Shape File	2013	Image File	Shape File

FireScars By Month 2013

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

Weather

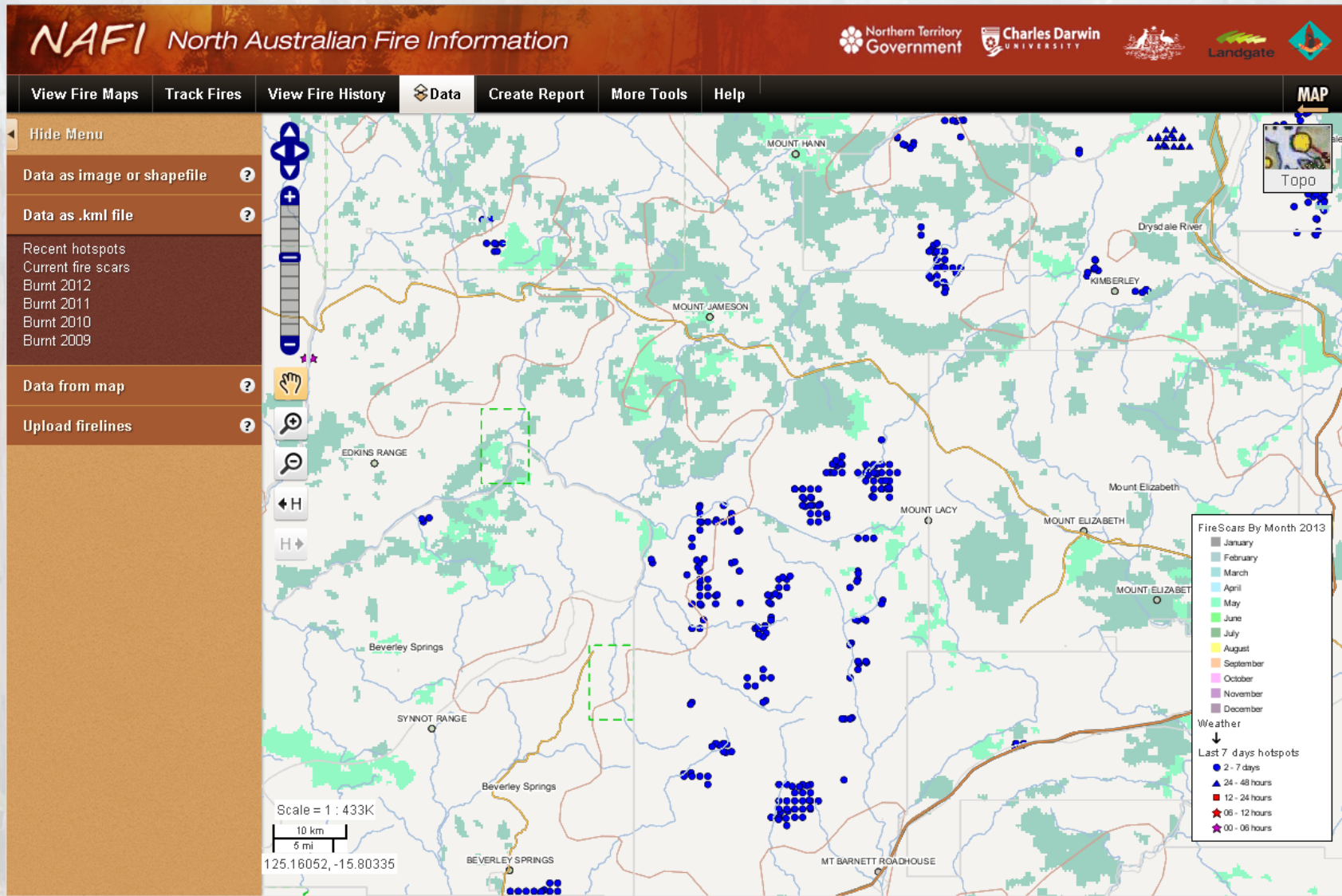
↓

Last 7 days hotspots

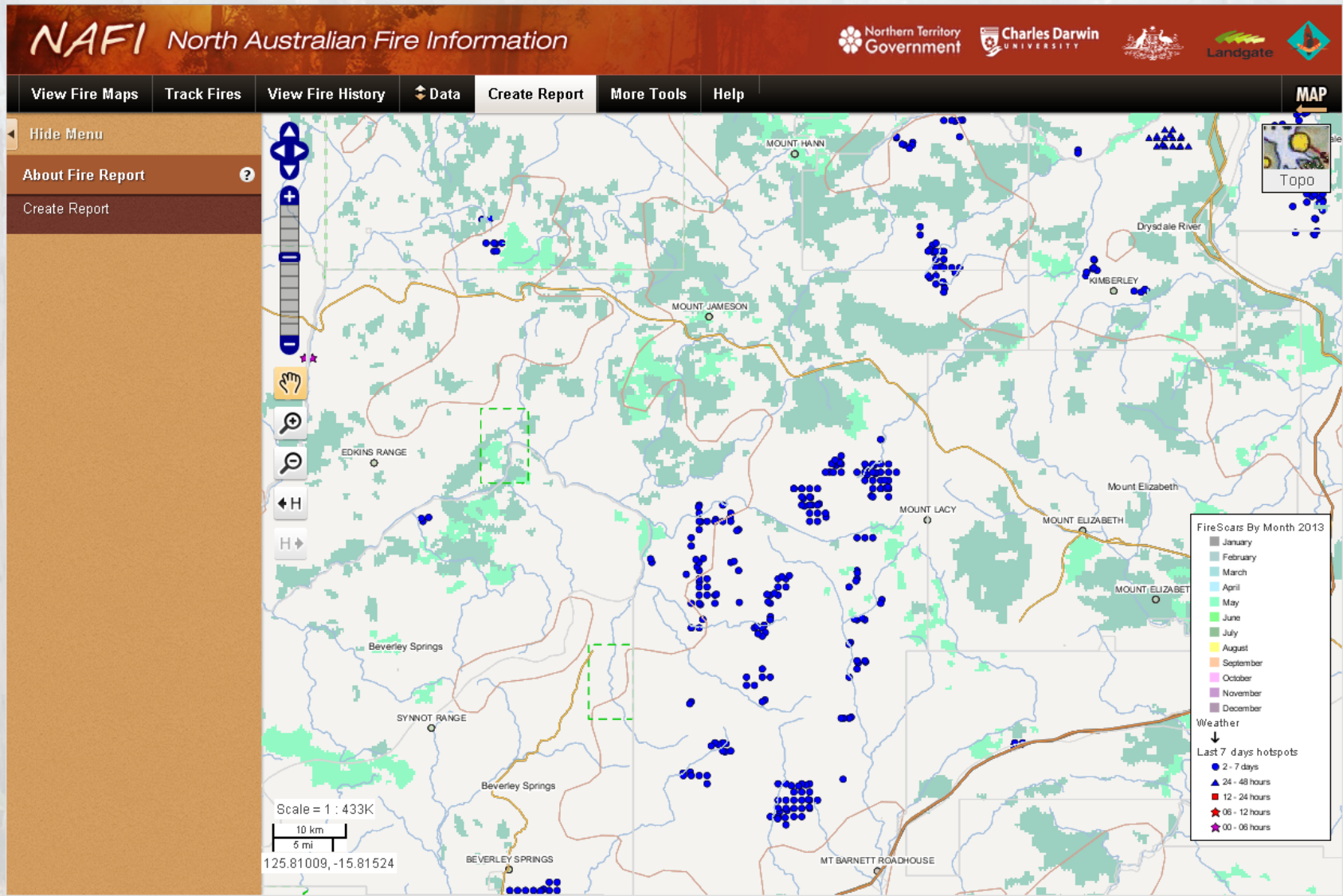
- 2 - 7 days
- 24 - 48 hours
- 12 - 24 hours
- 06 - 12 hours
- 00 - 06 hours

Scale = 1 : 433K
10 km
6 mi
125.14679, -16.04634

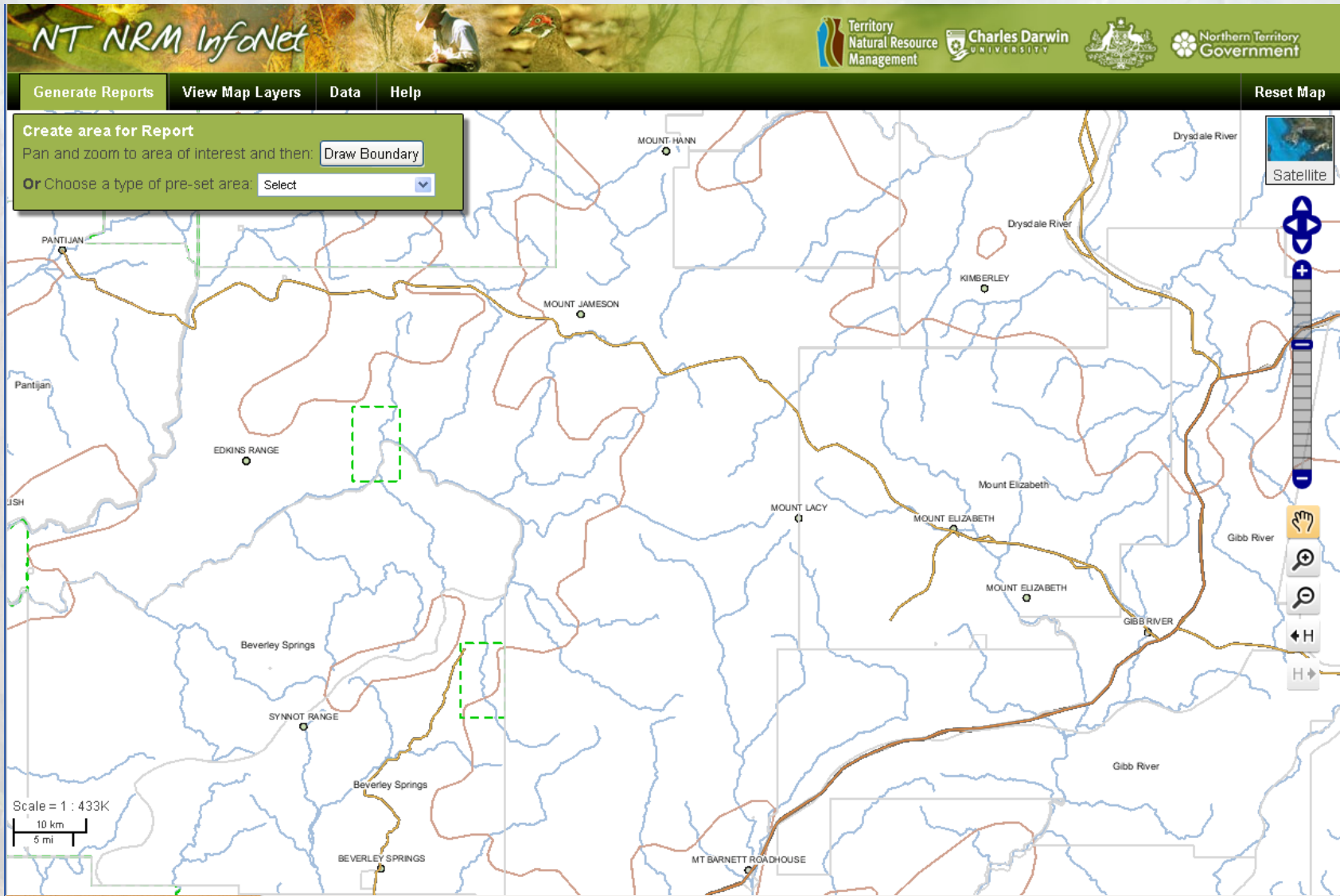
Responses to Feedback




Responses to Feedback





Responses to Feedback





Responses to Feedback

NT NRM InfoNet

 Territory Natural Resource Management

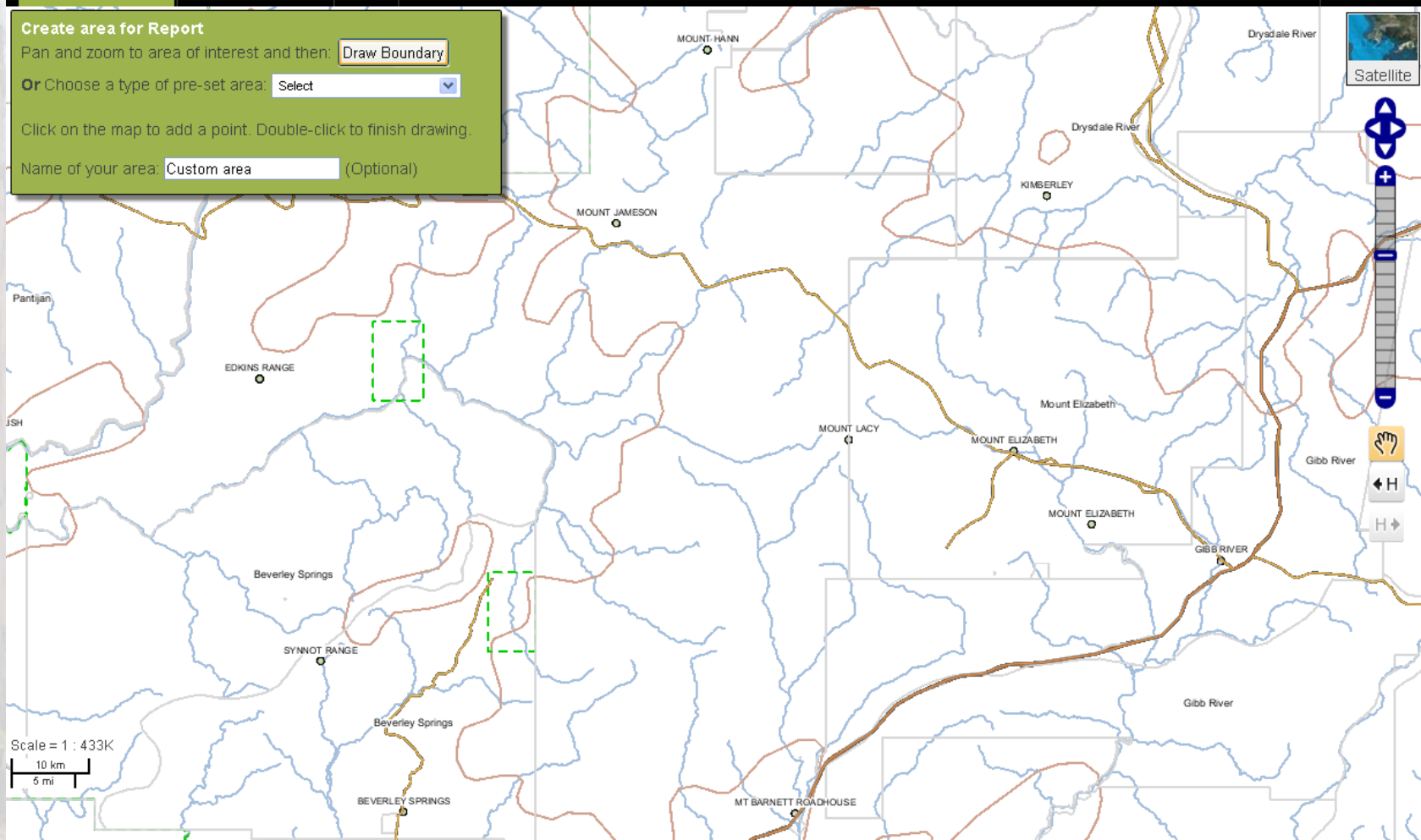
 Charles Darwin University

 Northern Territory Government

 Northern Territory Government

Generate ReportsView Map LayersDataHelpReset Map

Create area for Report
Pan and zoom to area of interest and then:
Or Choose a type of pre-set area:
Click on the map to add a point. Double-click to finish drawing.
Name of your area: (Optional)






Scale = 1 : 433K

10 km
5 mi

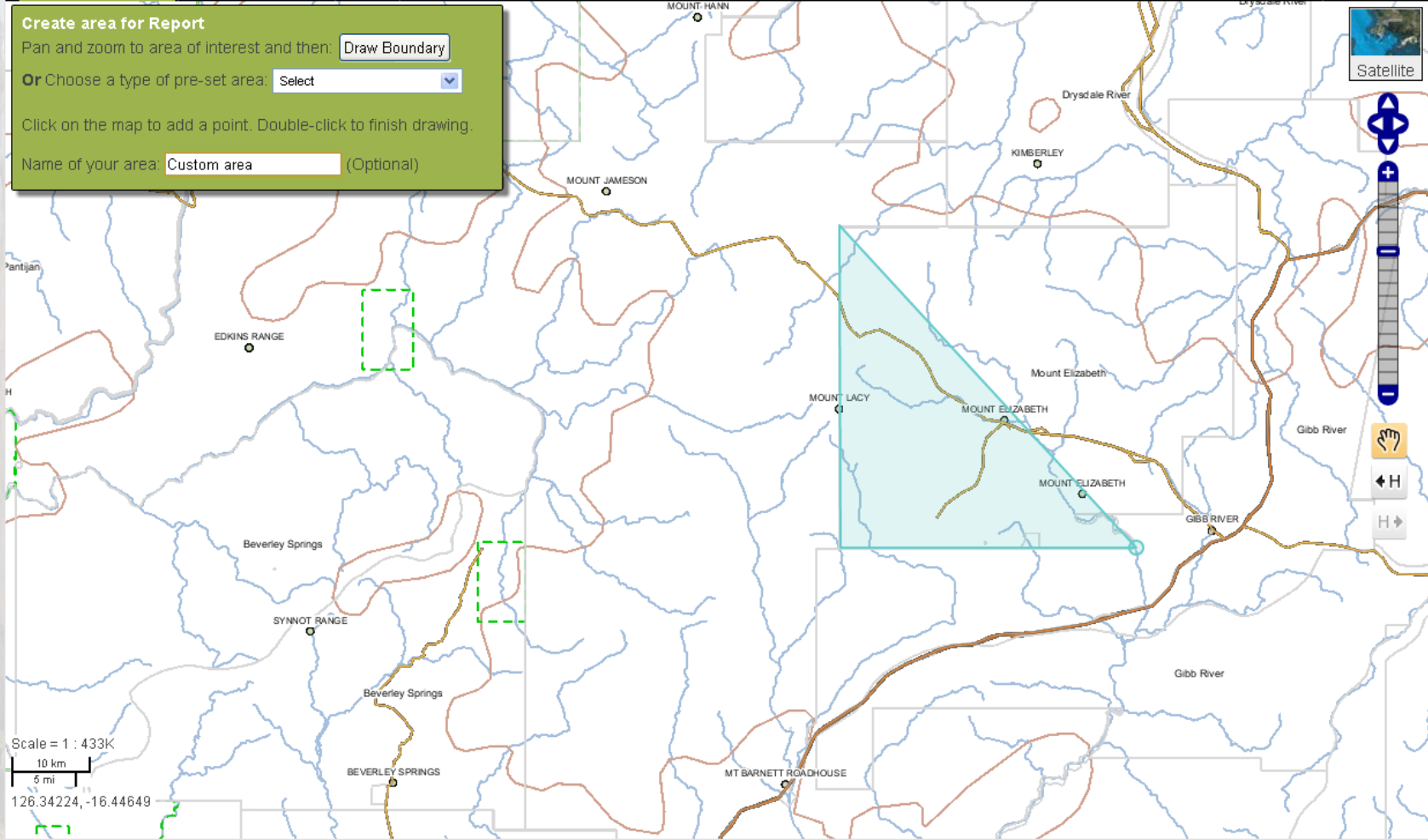
Responses to Feedback

NT NRM InfoNet



Generate ReportsView Map LayersDataHelpReset Map

Create area for Report
Pan and zoom to area of interest and then:
Or Choose a type of pre-set area:
Click on the map to add a point. Double-click to finish drawing.
Name of your area: (Optional)






Scale = 1 : 433K
10 km
5 mi
126.34224, -16.44649

Map labels: MOUNT HANN, DRYSDALE RIVER, KIMBERLEY, MOUNT JAMESON, MOUNT ELIZABETH, MOUNT LACY, MOUNT ELIZABETH, GIBB RIVER, BEVERLEY SPRINGS, SYNNOT RANGE, MT BARNETT ROADHOUSE.

Map controls: Satellite, Pan, Zoom, Scale bar, Hand icon, Home button.

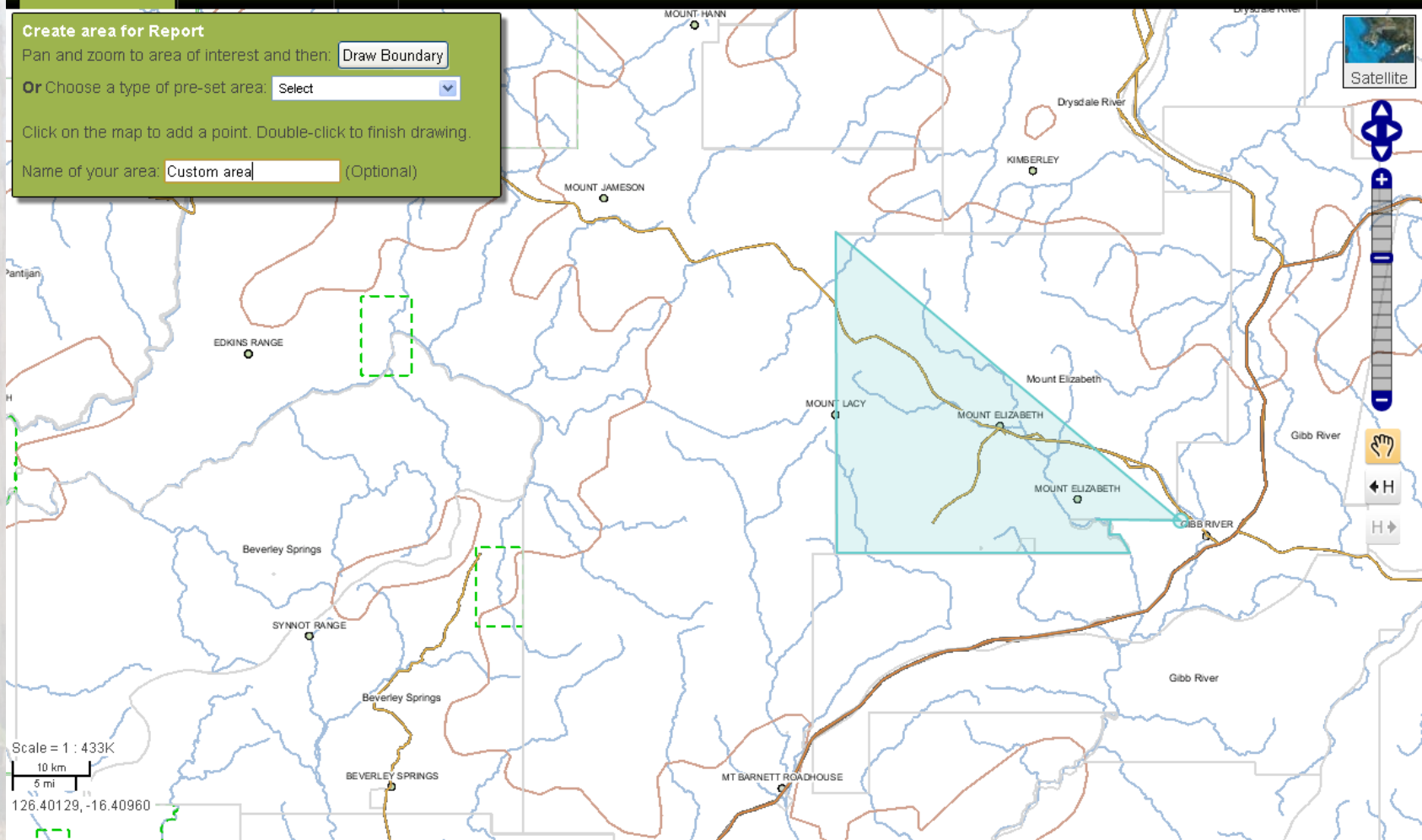
Responses to Feedback

NT NRM InfoNet



Generate ReportsView Map LayersDataHelpReset Map

Create area for Report
Pan and zoom to area of interest and then:
Or Choose a type of pre-set area:
Click on the map to add a point. Double-click to finish drawing.
Name of your area: (Optional)





Scale = 1 : 433K
10 km
5 mi
126.40129, -16.40960


Locations shown: MOUNT HANN, DRYSDALE RIVER, KIMBERLEY, MOUNT JAMESON, MOUNT LACY, MOUNT ELIZABETH, GIBB RIVER, BEVERLEY SPRINGS, SYNNOT RANGE, MT BARNETT ROADHOUSE.

Responses to Feedback

NT NRM InfoNet

 Territory Natural Resource Management

 Charles Darwin UNIVERSITY

 Northern Territory Government

Generate Reports

View Map Layers

Data

Help

Reset Map

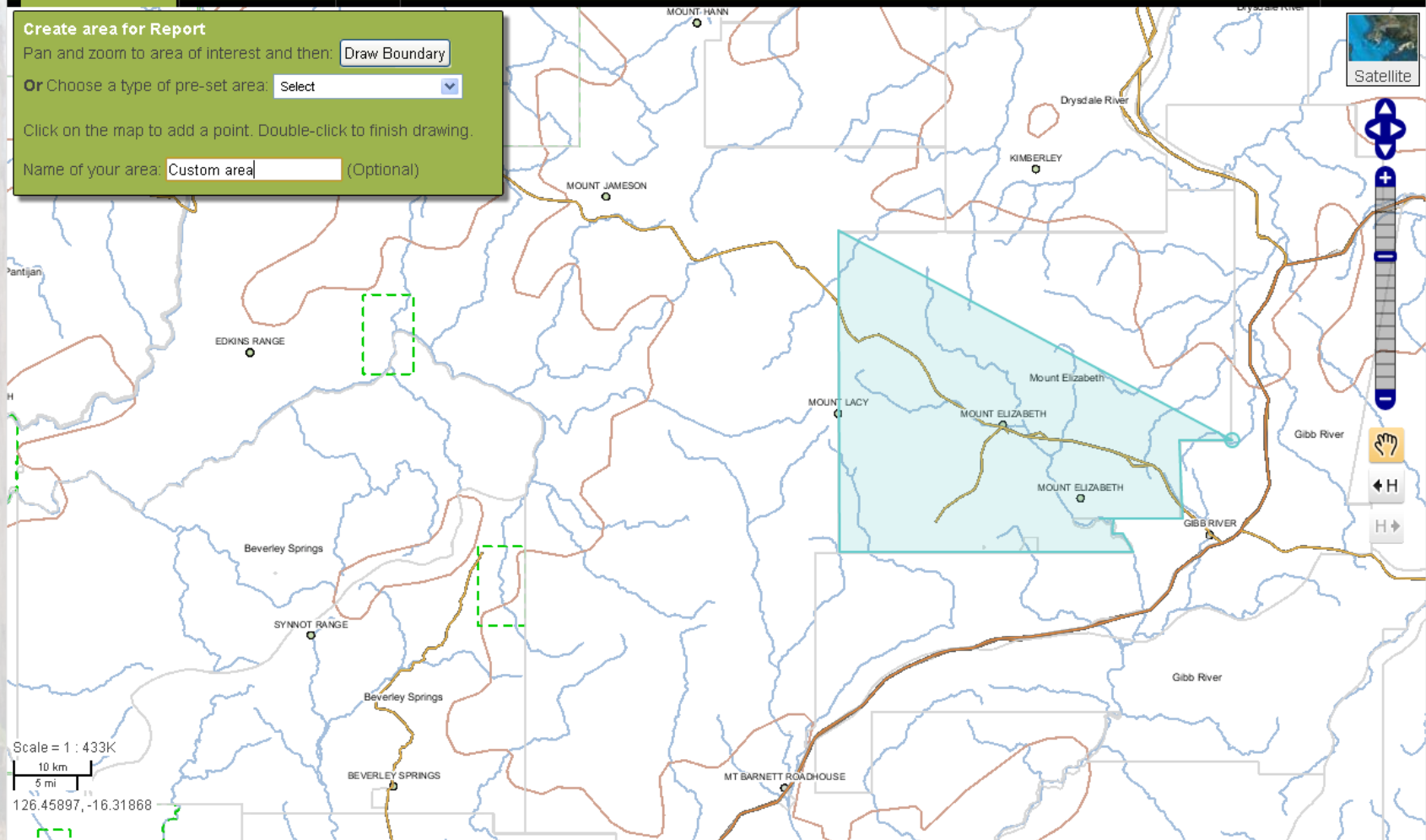
Create area for Report

Pan and zoom to area of interest then:

Or Choose a type of pre-set area:




Click on the map to add a point. Double-click to finish drawing.

Name of your area: (Optional)



Responses to Feedback

NT NRM InfoNet



[Generate Reports](#) | [View Map Layers](#) | [Data](#) | [Help](#) | [Reset Map](#)

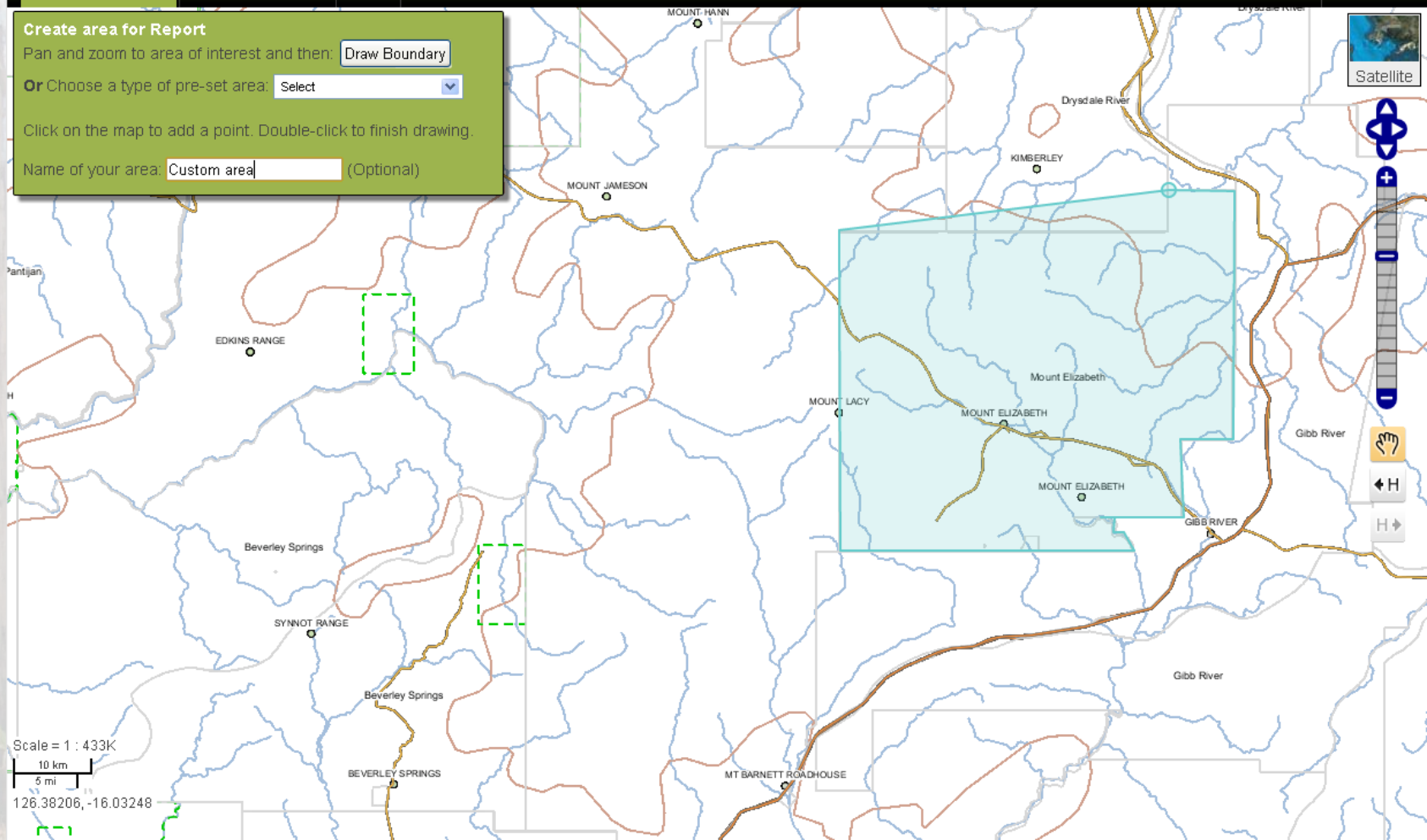
Create area for Report

Pan and zoom to area of interest and then:

Or Choose a type of pre-set area:

Click on the map to add a point. Double-click to finish drawing.

Name of your area: (Optional)






Scale = 1 : 433K

10 km
5 mi

126.38206, -16.03248

Responses to Feedback

NT NRM InfoNet



[Generate Reports](#) | [View Map Layers](#) | [Data](#) | [Help](#) | [Reset Map](#)

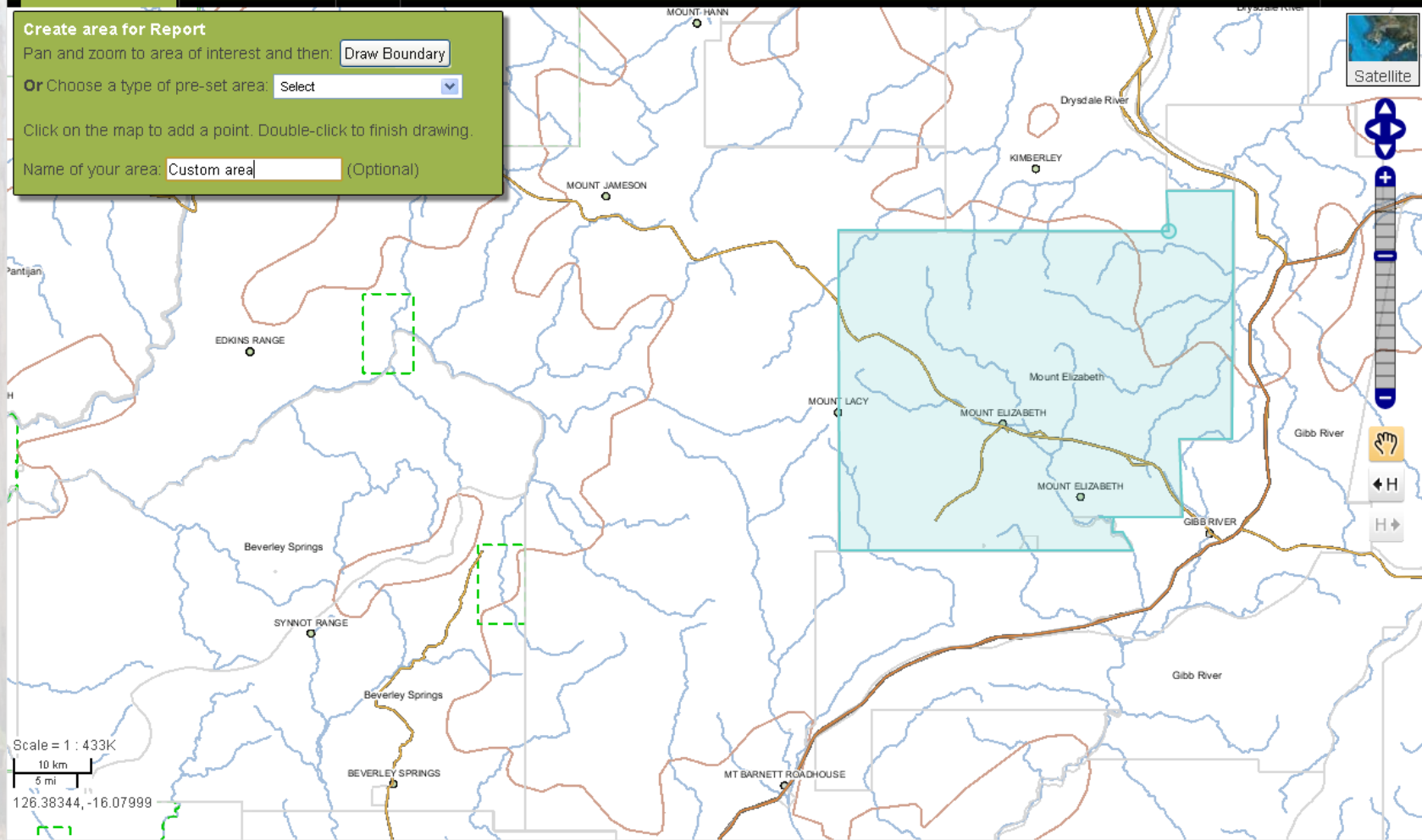
Create area for Report

Pan and zoom to area of interest and then:

Or Choose a type of pre-set area:




Click on the map to add a point. Double-click to finish drawing.

Name of your area: (Optional)



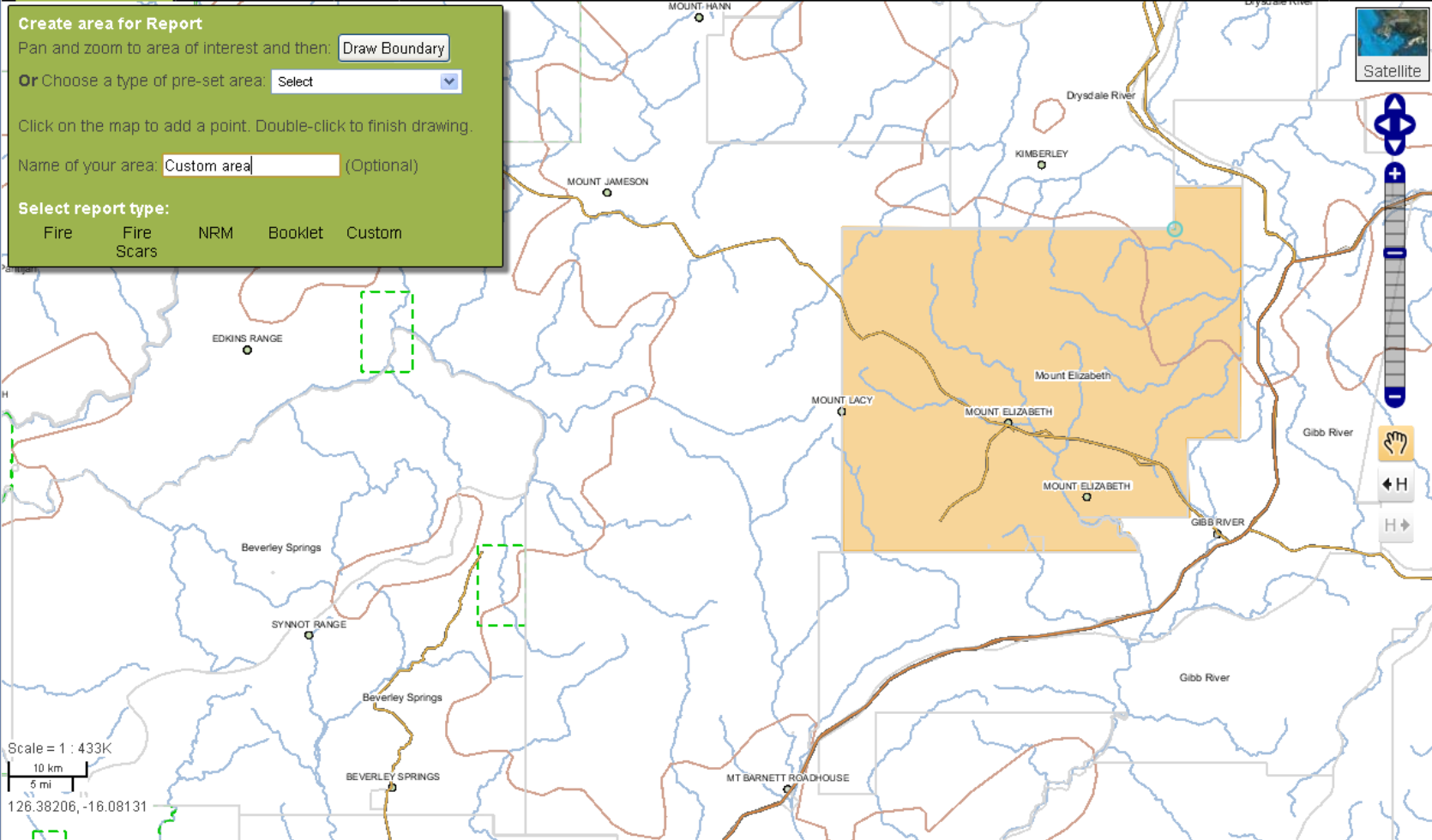
Responses to Feedback

NT NRM InfoNet



Generate Reports | **View Map Layers** | **Data** | **Help** | **Reset Map**

Create area for Report
Pan and zoom to area of interest and then:
Or Choose a type of pre-set area:
Click on the map to add a point. Double-click to finish drawing.
Name of your area: (Optional)
Select report type:






Scale = 1 : 433K
10 km
5 mi
126.38206, -16.08131

Map labels: MOUNT HANN, DRYSDALE RIVER, KIMBERLEY, MOUNT JAMESON, MOUNT LACY, MOUNT ELIZABETH, GIBB RIVER, BEVERLEY SPRINGS, SYNNOT RANGE, MT BARNETT ROADHOUSE.

Responses to Feedback

NT NRM InfoNet



[Generate Reports](#) | [View Map Layers](#) | [Data](#) | [Help](#) | [Reset Map](#)

Create area for Report

Pan and zoom to area of interest and then:

Or Choose a type of pre-set area:

Click on the map to add a point. Double-click to finish drawing.

Name of your area: (Optional)

Select report type:

☐ Fire ☒ **Fire Scars** ☐ NRM ☐ Booklet ☐ Custom

Fire Scars

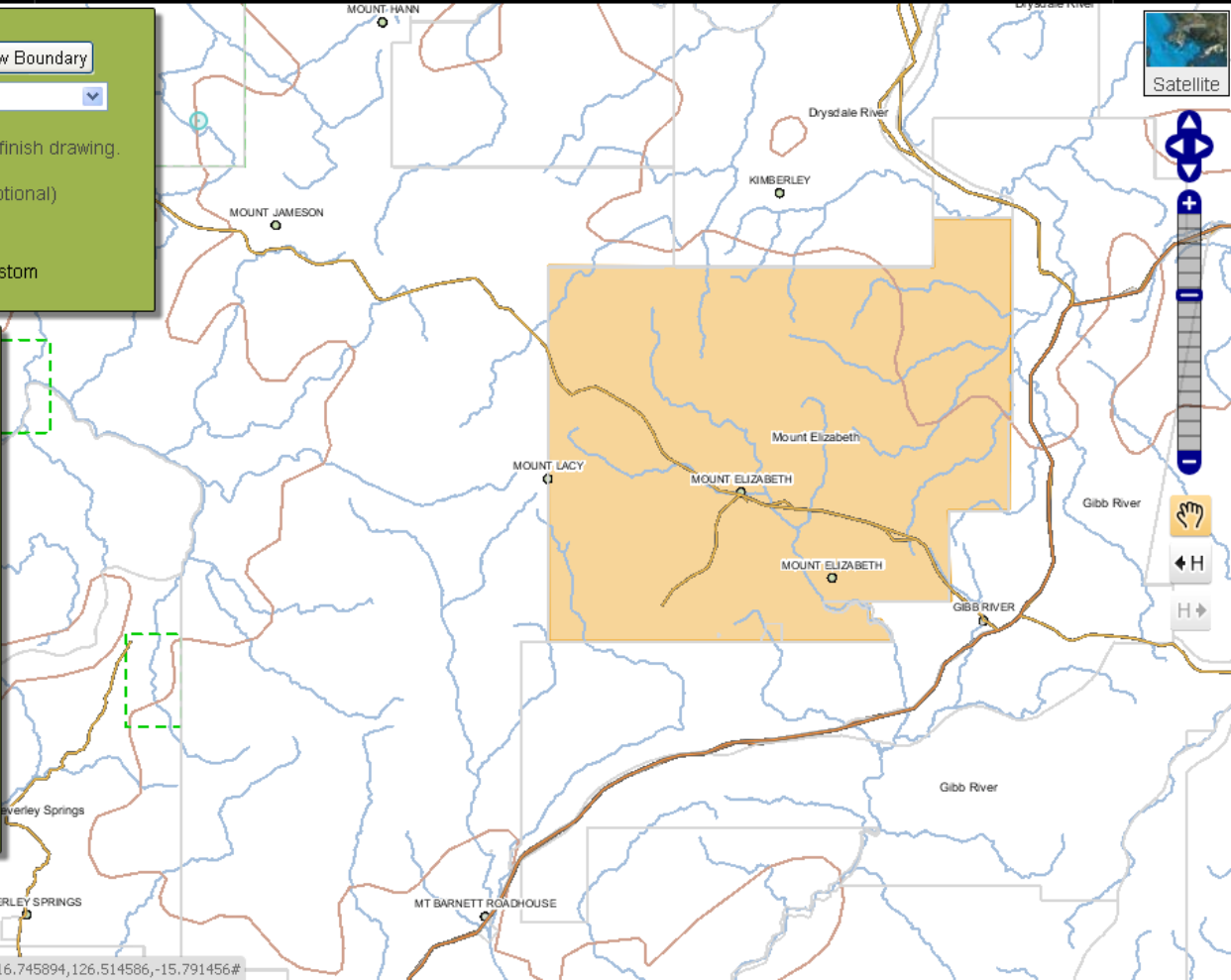
- ☐ 2012
- ☐ 2011
- ☐ 2010
- ☐ 2009
- ☐ 2008
- ☐ 2007
- ☐ 2006
- ☐ 2005
- ☐ 2004
- ☐ 2003
- ☐ 2002
- ☐ 2001
- ☐ 2000

Scale = 1 : 433K

10 km
5 mi




125.90553, -15.98232

www.ntnifonet.org.au:8080/infonet2/?ViewBBOX=125.145414,-16.745894,126.514586,-15.791456#



Responses to Feedback

NT NRM InfoNet



[Generate Reports](#) | [View Map Layers](#) | [Data](#) | [Help](#) | [Reset Map](#)

Create area for Report

Pan and zoom to area of interest and then:

Or Choose a type of pre-set area:

Click on the map to add a point. Double-click to finish drawing.

Name of your area: (Optional)

Select report type:

☐ Fire ☒ **Fire Scars** ☐ NRM ☐ Booklet ☐ Custom

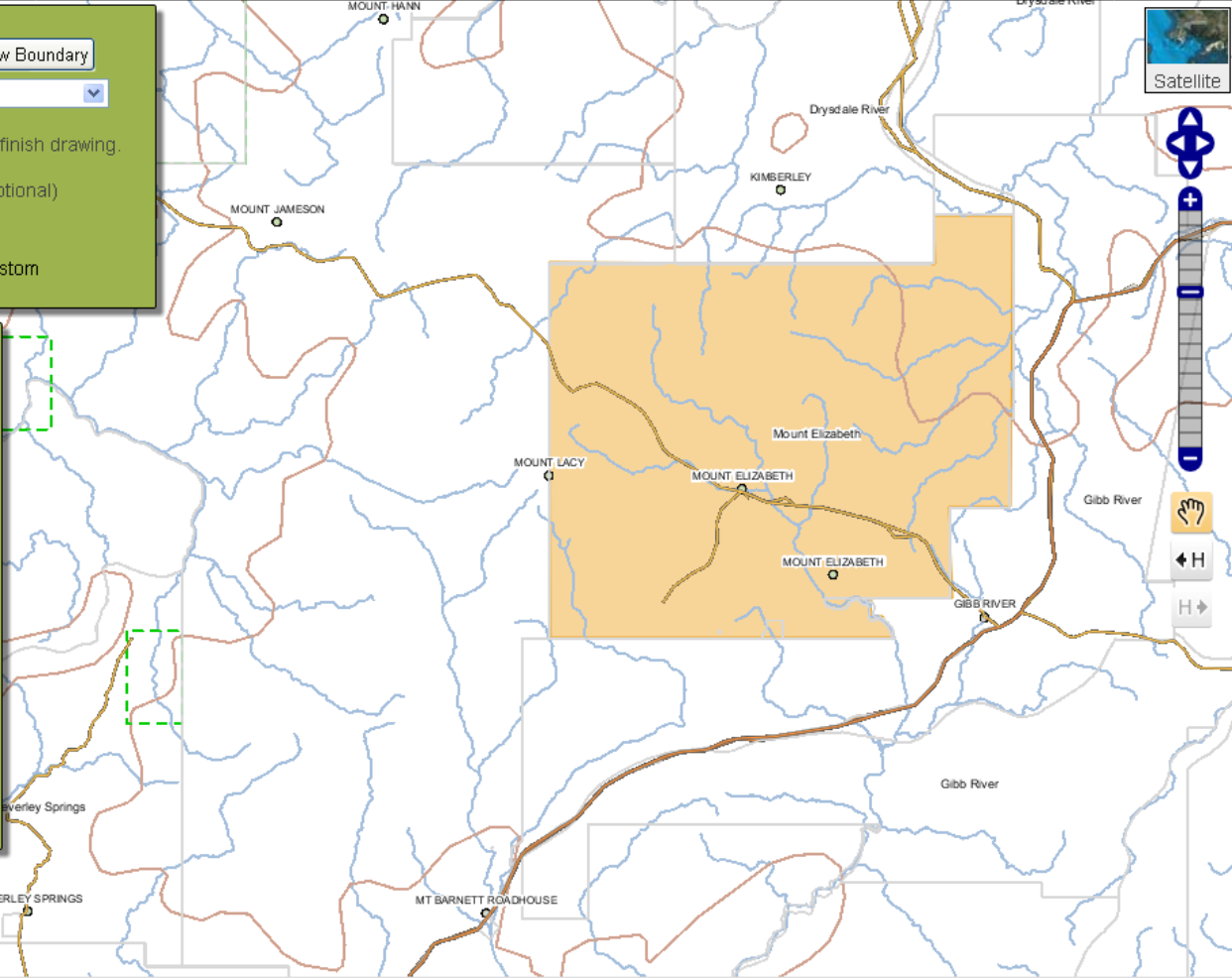
Fire Scars

- ☒ 2012
- ☒ 2011
- ☒ 2010
- ☒ 2009
- ☒ 2008
- ☒ 2007
- ☐ 2006
- ☐ 2005
- ☐ 2004
- ☐ 2003
- ☐ 2002
- ☐ 2001
- ☐ 2000

Scale = 1 : 433K




10 km
5 mi

125.90553, -15.98232



Responses to Feedback

NT NRM InfoNet



Generate ReportsView Map LayersDataHelpReset Map

Create area for Report

Pan and zoom to area of interest and then:

Or Choose a type of pre-set area:

Click on the map to add a point. Double-click to finish drawing.

Name of your area: (Optional)

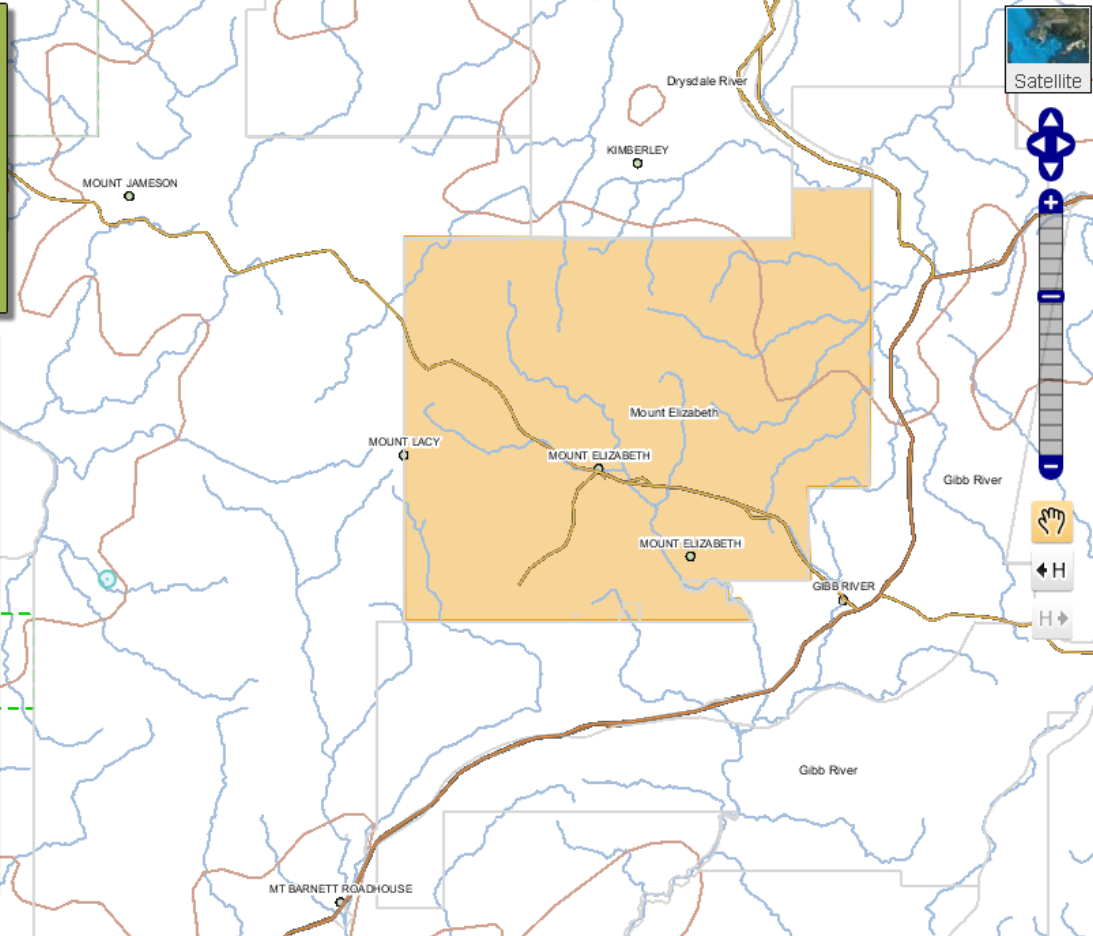
Select report type:

Fire **Fire Scars** NRM Booklet Custom

Fire Scars

- ☒ 2012
- ☒ 2011
- ☒ 2010
- ☒ 2009
- ☒ 2008
- ☒ 2007
- ☐ 2006
- ☐ 2005
- ☐ 2004
- ☐ 2003
- ☐ 2002
- ☐ 2001
- ☐ 2000

[Click here if your file doesn't start downloading automatically](#)

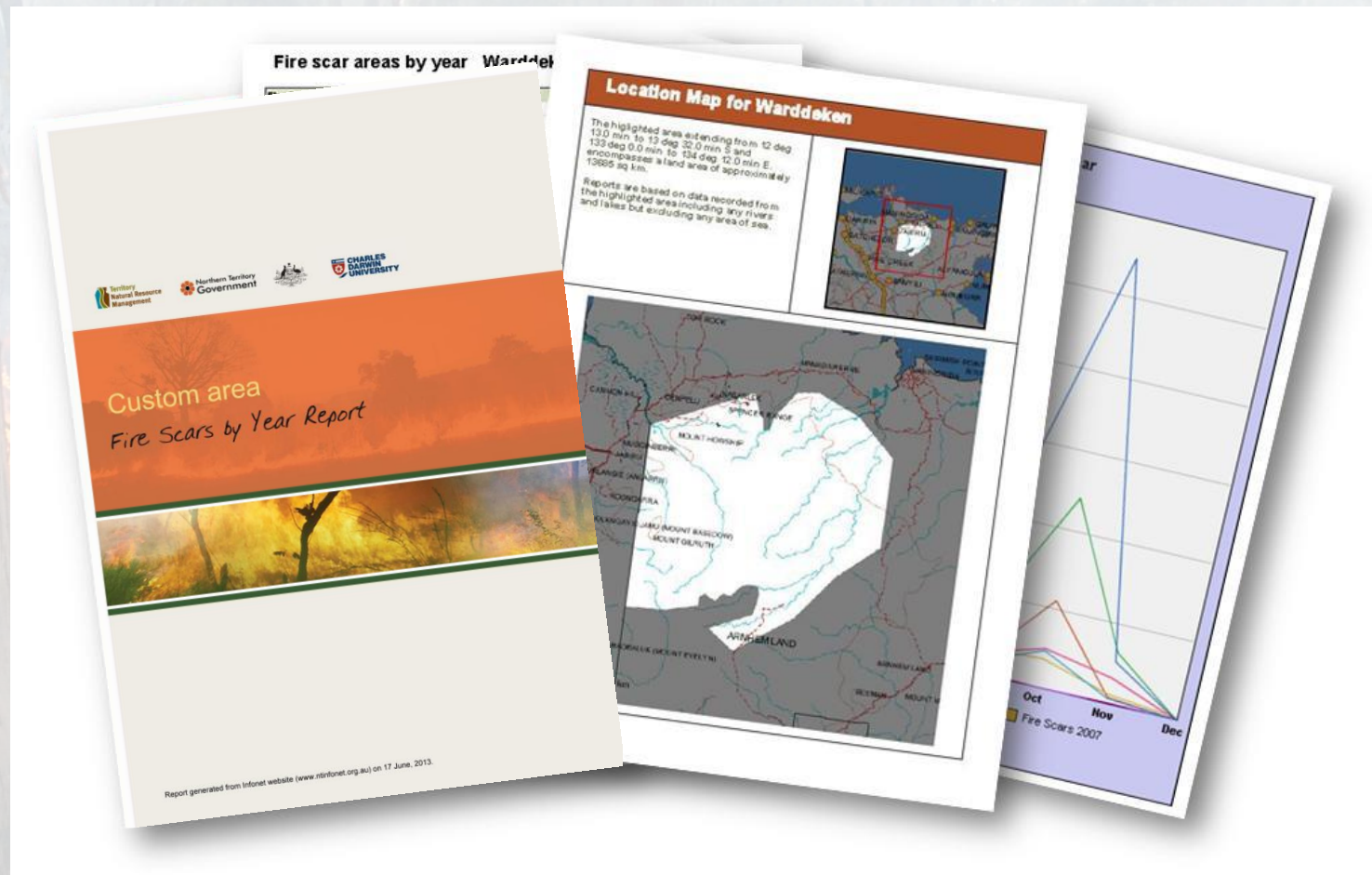


126.68992, -16.40763

This type of file can harm your computer. Do you want to keep Fire Scars - Custom area.pdf anyway?

Show all downloads...

Responses to Feedback



Responses to Feedback

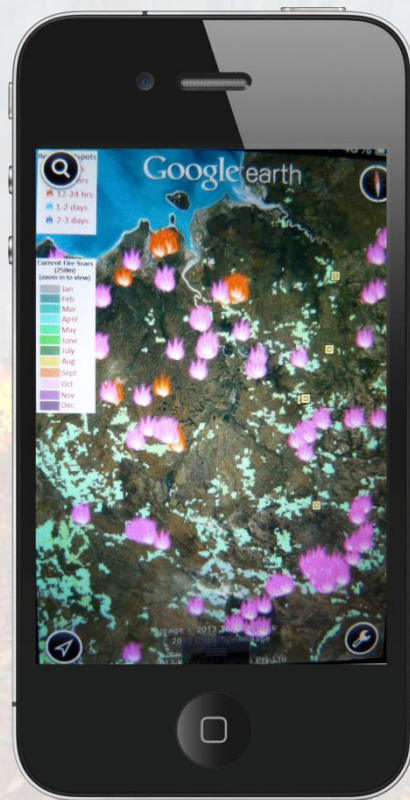
- Keep site simple and improve the maps
- Add more tools and features
- Make it easier to use the extra tools
- Have it more easily available on mobiles
- Make it easier to use fire data in various ways

Responses to Feedback



Tablets can use a modified NAFI website

Responses to Feedback

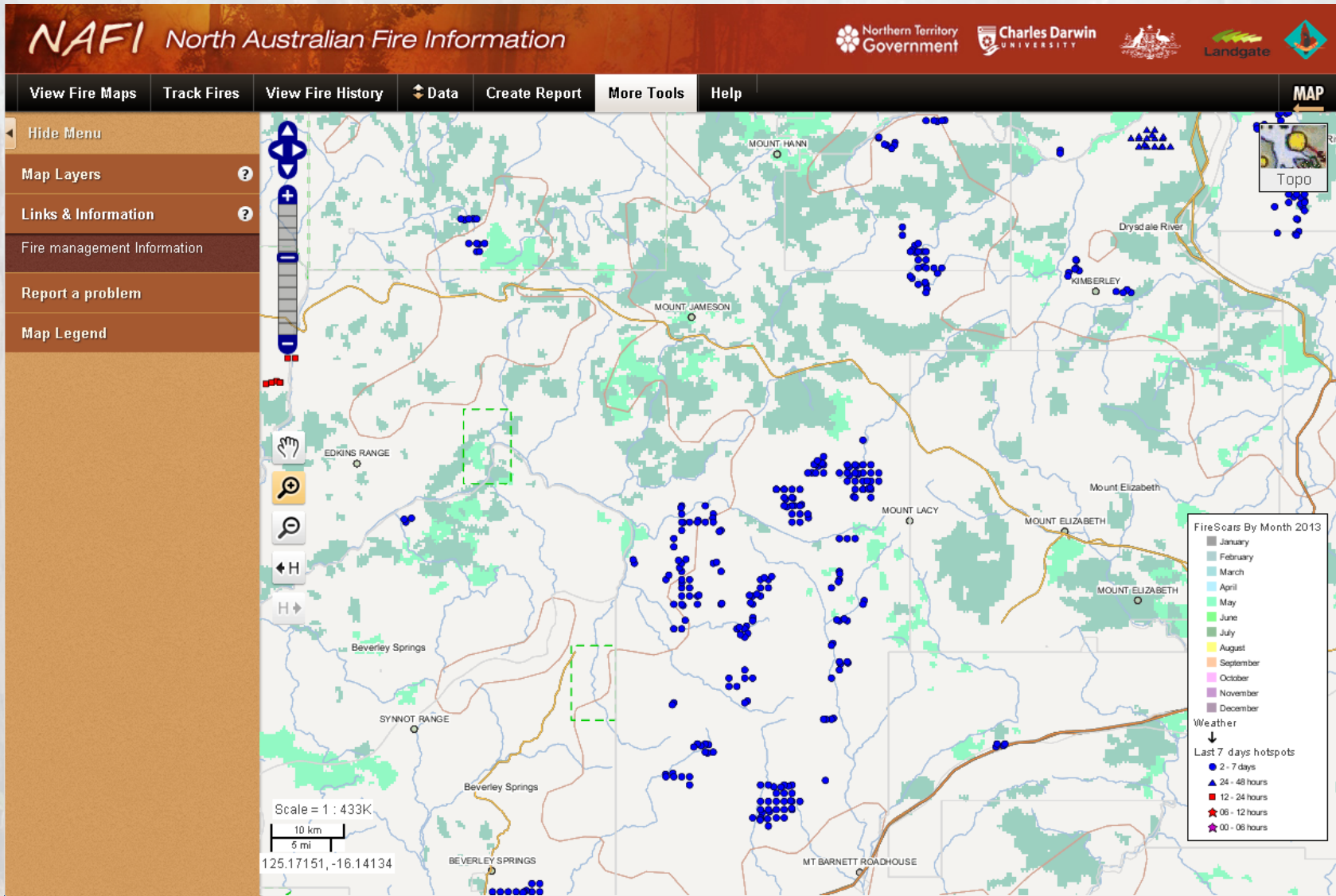


Smartphones can use the NAFI *Google Earth* feed

Make it easier to use fire data in various ways

- **People's needs are becoming more varied**
- **Increasing availability of mapping data & software**
- **Bushfire & Natural Hazards CRC capacity-building project**

Responses to Feedback



Responses to Feedback

Northern Land Manager

Browse the menus below or search by keyword • numbers show items available for any combination



Regions	Topics	Item Types	Keywords
All Regions > Bioregion (241) > Catchment (26) > General (2935) > Island (7) > Local Government Area (18) > Marine (3) > Megaregion (207) > NRM (79) > Protected Area (84)	> Erosion / Land Degradation (12) Fire (3922) Attitudes / Knowledge / Communication (34) Case Studies / Practice (181) Climate / weather (28) Contacts / Organisations (21) Costs / Benefits / Economics (21) Engagement / Consultation (2)	All Item Types > Case Studies (31) > Checklists (26) > Contacts & Organisations (18) > Factsheets (18) > Fire Responses (2886) > General Articles (8) > General References (162) > Guidelines (14) > Leaflets & Brochures (1)	<input type="text"/> <input type="button" value="Search"/>

3922 results for: Topic: Fire (0)

[Reset All](#)

Results 1 - 20

previous **1** 2 3 4 5 6 7 ... 196 197 next

2007 Eureka Prize Winner: The West Arnhem Land Fire Abatement project

This page, on the Australian Museum Eureka Prizes website, provides a summary of the West Arnhem Land Fire Abatement project, which won the Eureka prize in 2007.

Regions: [Arnhem Land](#) Reading ease: Standard Type: [Link](#)

A Comparative Assessment of Fire Mapping Techniques and User Interpretations using Landsat Imagery

Reviews variations in fire scar mapping by 5 different people.

Regions: [Litchfield National Park](#) Reading ease: Standard Type: [Article](#)

A comparison of Aboriginal and pastoral fires in the north-west Northern Territory

Discusses indigenous and pastoral land manager's use of fire

Reading ease: Standard Type: [Article](#)

A Cut-And-Paste Community - Birds Of Monsoon Rain-Forests In Kakadu-National-Park, Northern-Territory

Discusses the results of a study into the types of bird species found in 88 monsoon rainforest patches in Kakadu National Park.

Regions: [Kakadu National Park](#) Reading ease: Standard Type: [Article](#)

A healthy savanna, endangered mammals and Aboriginal burning

An article about the history of burning of savannas and implications for biodiversity. Also highlights some management considerations.

Regions: [Tropical Savannas](#) Reading ease: Standard Type: [Link](#)



Responses to Feedback

Northern Land Manager

Browse the menus below or search by keyword • numbers show items available for any combination



Regions	Topics	Item Types	Keywords
All Regions > Bioregion (50) > Catchment (9) > General (10) > Local Government Area (1) > Megaregion (34) > NRM (10) > Protected Area (13) > State/National (15)	> Education / Training / Research (182) > Erosion / Land Degradation (12) > Fire (3922) Attitudes / Knowledge / Communication (34) Case Studies / Practice (181) Climate / weather (28) Contacts / Organisations (21) Costs / Benefits / Economics (21) Engagement / Consultation (2)	All Item Types > Case Studies (17) > Factsheets (10) > General References (51) > Guidelines (13) > Links to Resources (3) > Manuals & Handbooks (1) > Media Stories & Releases (4) > Photos, Videos & Audio (1) > Profiles (3)	<input type="text"/> <input type="button" value="Search"/> <input type="button" value="Site Help"/>

181 results for: Topic: Case Studies / Practice (x)

Reset All

Results 1 - 20

previous 1 2 3 4 5 6 7 8 9 10 next

ABC Rural News: Credits roll in for Territory carbon project

The first savanna burning project approved under Australia's Carbon Farming Initiative (CFI) is about to receive carbon credits for the first time. Located 150 kilometres south of Darwin in the Northern Territory, the Fish River project uses early-season burning practices to reduce the amount of carbon released by late-season fires. (Tuesday, 23/04/2013)

Regions: [Daly River](#) Reading ease: Standard Type: [Link](#)

Aboriginal fire management of the Woolwonga wetlands in Kakadu National Park

Reviews traditional burning practices and their impact on wetland species

Regions: [Kakadu National Park](#) Reading ease: Standard Type: [Article](#)

Aboriginal Resource Utilization and Fire Management Practice in Western Arnhem Land, Monsoonal Northern Australia: Notes for Prehistory, Lessons for the Future 1.

Discusses traditional fire management in Western Arnhem and its usefulness in living in and managing a fire prone savanna environments of northern Australia.

Regions: [Arnhem Plateau](#) Reading ease: Technical Type: [Article](#)

Aboriginal wetland burning in Kakadu

In conjunction with the Bushfire CRC, the CSIRO is working with a family of traditional owners from the Kakadu region in an attempt to identify the cultural benefits of Aboriginal fire management on the floodplain environment at South Alligator River.

Regions: [Kakadu National Park](#) Reading ease: Standard Type: [Link](#)

Aerial Control Burning in the Northern Territory

Describes of how aerial control burning is undertaken in the Northern Territory using incendiary



Responses to Feedback

Northern Land Manager

Browse the menus below or search by keyword • numbers show items available for any combination



Regions	Topics	Item Types	Keywords
All Regions <ul style="list-style-type: none">> Bioregion (50)> Catchment (9)> General (10)> Local Government Area (1)> Megaregion (34)> NRM (10)> Protected Area (13)> State/National (15)	Education / Training / Research (182) <ul style="list-style-type: none">> Erosion / Land Degradation (12)> Fire (3922)<ul style="list-style-type: none">Attitudes / Knowledge / Communication (34)Case Studies / Practice (181)Climate / weather (28)Contacts / Organisations (21)Costs / Benefits / Economics (21)Engagement / Consultation (2)	All Item Types <ul style="list-style-type: none">> Case Studies (17)> Factsheets (10)> General References (51)> Guidelines (13)> Links to Resources (3)> Manuals & Handbooks (1)> Media Stories & Releases (4)> Photos, Videos & Audio (1)> Profiles (3)	<input type="text"/> Site Help

181 results for: Topic: Case Studies / Practice (x) Reset All

Results 1 - 20

previous **1** 2 3 4 5 6 7 8 9 10 next

Regions: NT Reading ease: Standard Type: Article

Agnote: Control of Woody Weeds with Fire

Downloadable Agnote on the Control of Woody Weeds using fire.

Regions: Australian content Reading ease: Standard Type: Article

Balancing production and conservation

This article looks at ways that people can maintain and enhance production while planning for biodiversity conservation on properties.

Regions: Victoria River District Reading ease: Standard Type: Article

Best Practice Fire Management in the Greater Mount Isa Region

Links to online information resources about identification, issues and management

Regions: Mount Isa Inlier Reading ease: Technical Type: Article

Best practice grazing in northern Australia

Links to online information resources about identification, issues and management

Regions: Tropical Savannas Reading ease: Technical Type: Article

Better managing fire on indigenous land

Discusses the establishment of the Arnhem Fire Control Region and the benefits that this will have for the country's traditional owners.

Regions: Arnhem Plateau Reading ease: Basic Type: Link

Biodiversity and fire in savanna landscapes



Responses to Feedback



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Make it easier to use fire data in various ways

- People's needs are becoming more varied
- Increasing availability of mapping data & software
- Bushfire & Natural Hazards CRC capacity-building project
- Reduces dependence
- Other benefits