



Fire Weather System

Version 3

User Guide



Revision History

Version	Date	Description	Author
1.0	22 May 2020	First released version	BM/AT

Approvals

Role	Name and position	Signature	Date
Supplier Authorised Representative	Andrew Tait Chief Scientist – Climate, Atmosphere and Hazards NIWA	ABJait	15 May 2020
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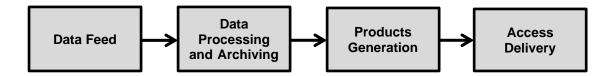
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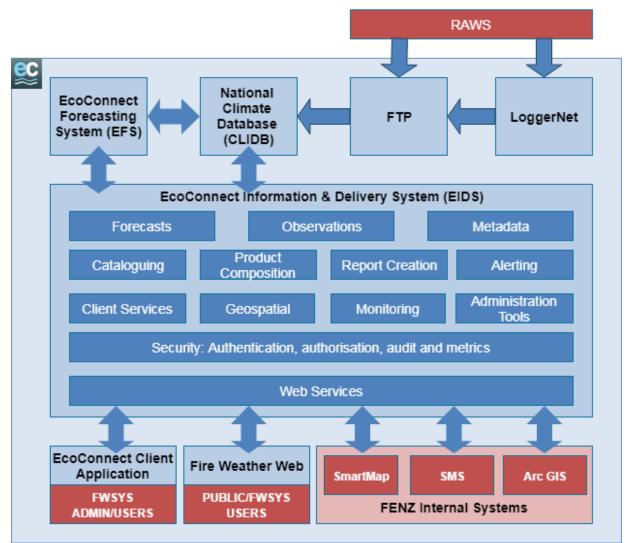
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Introduction

The new Fire Weather System (FWSYS) is composed of several components:



The EcoConnect Client Application (called FWSYS from now on and part of the access delivery component), is the main software that will allow the Principal Rural Fire Officer (PRFO) and other staff from Fire and Emergency New Zealand (FENZ) to access all the observed and forecast information they require to do their day-to-day job.



Flow Diagram showing all the individual components of the new FWSYS

This document is set out in sections, starting with the installation of the software and the login process. The following sections explain how to access the different modules that are available. The sections include:

- Installation
- Login
- Welcome page
- Product Access
- Chart Viewer
- Image viewer
- Fire Service Data Table viewer
- Tools
 - Alerts Manager
 - Bulk Data Download
 - o Chart Builder
 - o Grass curing tools
 - Report Manager
 - Resource Sharing
- Workspace management

Each section contains step-by-step procedures to guide the user through the process.

Additional resources can be found on this web page:

• <u>http://docs.niwa.co.nz/eco/fwsys/training.html</u>

Installation

Firstly, the FWSYS software needs to be installed on your computer. Please make sure your computer has all the requirements listed below.

Requirements

Operating system supported

• Windows 10

Screen resolution

• FWSYS is best viewed on a screen with a resolution of at least 1024x768 pixels, a resolution of 1280x1024 pixels or better is recommended.

Minimum computer properties

- 2 GHz processor or faster
- 1 GB ram or more
- A DirectX 9 or 10 capable graphics card for the graphical rendering of the application

Download and installation

The FENZ users will normally have access to their own central software repository where the FWSYS will reside. The FWSYS software is installed by FENZ own IT department. Contact them to have the software installed on your FENZ computer.

If you require to install the software on another Windows computer outside the FENZ network, you need to download the installer file located here:

- http://docs.niwa.co.nz/eco/ec_client3.4.830.rc_Fwsys.tar
- Untar the file using an unzip software like 7-Zip
- Extract the msi file to your local hard drive
- Double click on the extracted msi file and it will install the software with an icon on your Desktop
- To install the software, you need to have admin privilege on your computer

Login

To use the FWSYS software, you will need a username and password.

If you have not been assigned one yet, please contact FENZ to have one set up.

Starting the software

• Double click on the FWSYS icon on your desktop.



• This will take you to the following the login window:

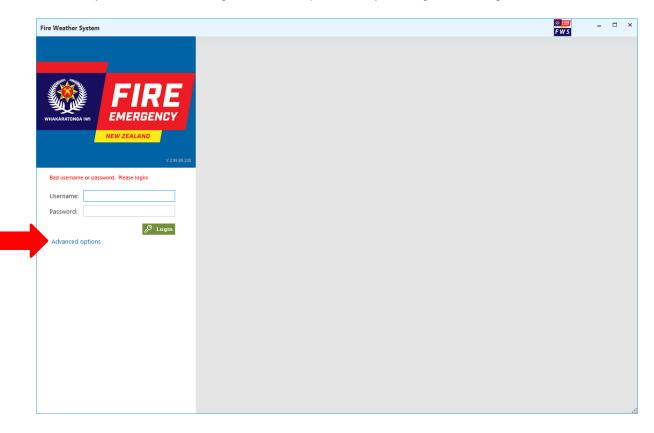
Fire Weather System	o œ FW3	 ×
NEW ZEALAND V.259.99.100		
Please sign in:		
Username: Password:		
Login		

• Enter your username and password and click on the 'login' button.

• This will take you to the following 'Welcome' window:

Fire Weather System		<u>♀</u> [185] F W S
🍙 welcome page	Fire Weather System Welcome	
new workspace	powered by eco connect v2.99.99.100	
🗑 save workspace	Your news and alerts Show Alerts Show EcoConnect Messages	
save workspace as open workspace	Greta Point T above 5	
Close workspace	Greta Point T above 5	
Recent workspaces	Greta Point T above 5	
 fire climatology test of test 	Greta Point T above 5	
te puke test	Greta Point T above 5	
	Greta Point T above 5	
	Greta Point T above 5 Greta Point T above 5	
	Greta Point T above 5 Greta Point T above 5	
	Greta Point T above 5	
	v	
🔍 log out	start with a default workspace	

• If you entered the wrong username or password, you will get a message like this:

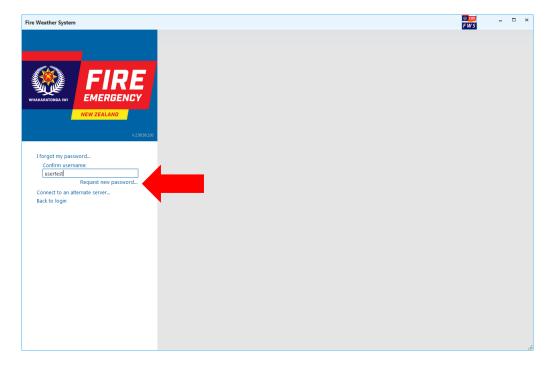


Forgot Password

• If you forgot your password, click on the Advanced Options and select "I forgot my password..." link.

Fire Weather System	o an Fwe
AAKAAATONGA IWI	
NEW ZEALAND	
V.299.99.100	
A12939100	
I forgot my password	
Connect to an alternate server	
Back to login	

• It will ask you to enter your username used for the registration and click on the "Request new password..." link



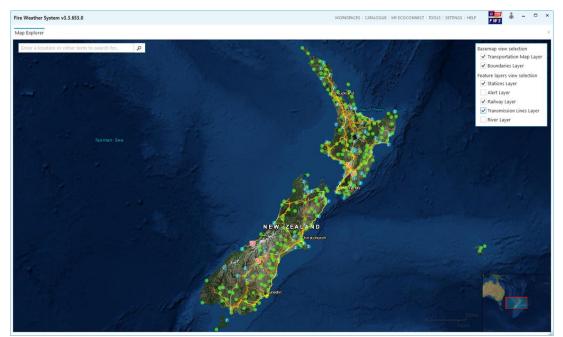
- Instructions will be sent to your email address.
- If you forgot your username, then you will need to contact FENZ.

Welcome page

Once logged in, you are brought to the Welcome page. This page contains a list of workspaces you can access and both alert and system messages.

Weather System	
🏠 welcome page	Fire Weather System Welcome
new workspace	powered by eco connect v2.99.99.100
🗑 save workspace	Your news and alerts Show Alerts Show EcoConnect Messages
🕒 save workspace as	Greta Point T above 5
a) open workspace	Greta Point T above 5
Ӿ close workspace	
ecent workspaces	Greta Point T above 5
fire climatology	Greta Point T above 5
 test of test te puke test 	Greta Point T above 5
🔦 log out	(start with a default workspace

- To start using the FWSYS, you need to either select an existing saved workspace, or click on "new workspace".
- If you clicked on an existing workspace, it will open all products saved within the selected workspace and place them in the location that was used when the workspace was saved.
 If you clicked on "new workspace", it will bring up the "Map Explorer" access window as
- If you clicked on "new workspace", it will bring up the "Map Explorer" access window as follows:

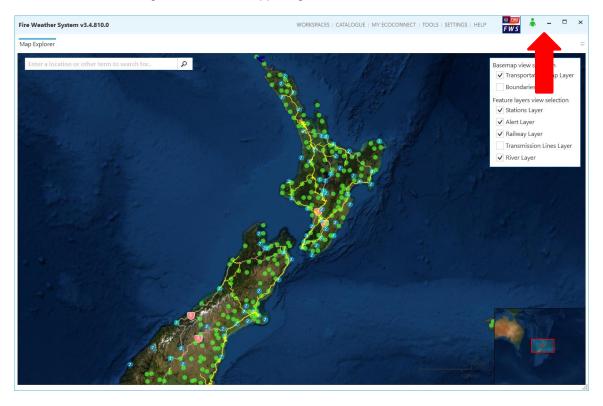


 From that point on, you can decide to use the Map Explorer to find products or click on the CATALOGUE option from the top menu.

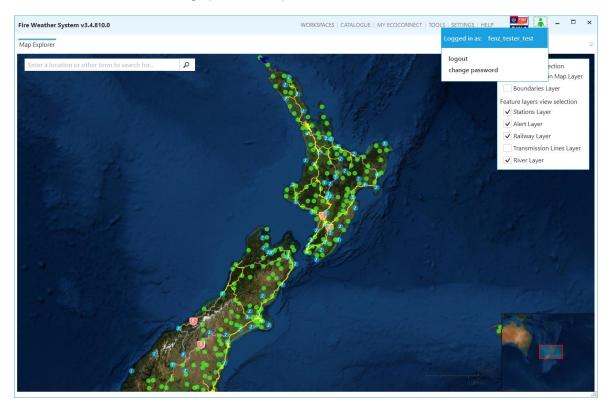
Change Password

• If you want to change your password, you need to login first. Once logged in you are presented with the default Welcome page. After selecting a Workspace, you will see the overview map.





• Then select the "change password" option



- This will bring a form where you are asked to enter your current password and your new one twice.
- Make sure your new password is at least 7 characters long with at least one letter, one number and one symbol (e.g. exclamation point !, underscore _, etc.)
- Once done, click on the ok button.

CHANGE YOUR F	ASSWORD	
Re-enter current password:		
Enter new password:		
Confirm new password:		
Password must be 7 character numeral and one symbol.	; or longer and contain a	at least one letter, one
		ok cancel

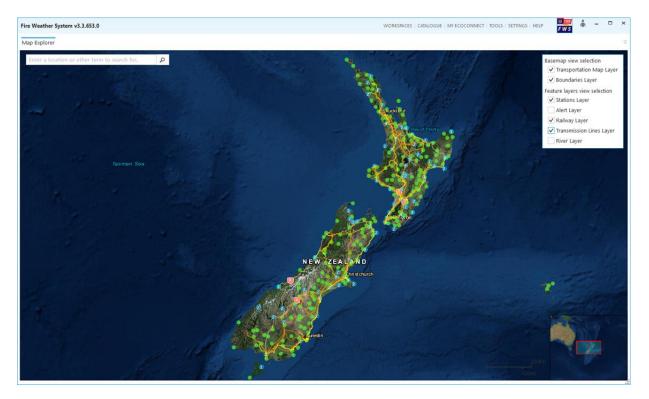
Product Access

There are 3 methods to access the products in the new version of the Fire Weather System. For all 3 methods you need to select an existing saved workspace or start with a "new workspace".

- Map Explorer
 - Default when a new workspace is opened
- Catalogue Browser
 - Same as the current Fire Weather System
 - Catalogue Map
 - o Similar to the map explorer

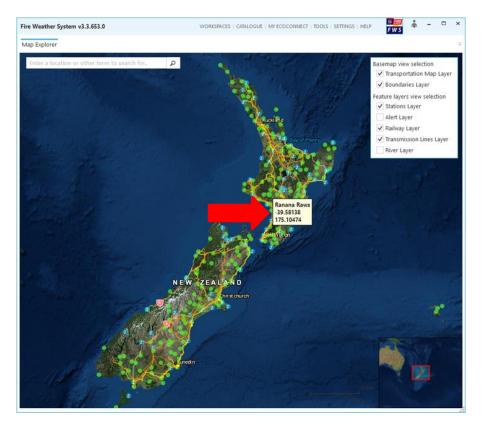
Map Explorer

- This is the default product access method and will always show first after you select "new workspace"
- It is designed to provide quick access to site specific products (e.g. charts) by clicking on the map at a location or use the search box to filter the products.

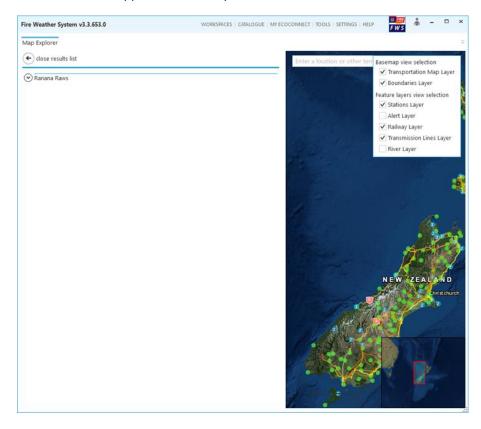


Product Access from Map Explorer

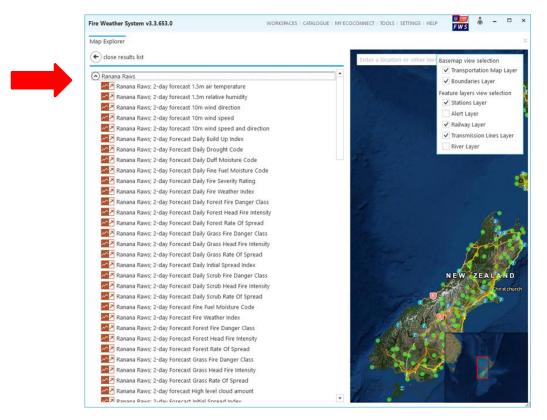
• To access a product from the Map Explorer, move you mouse over a site and click on the red icon.



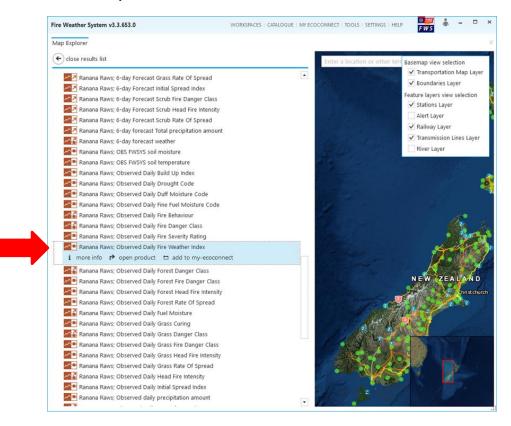
• The selected site will appear on the left panel.



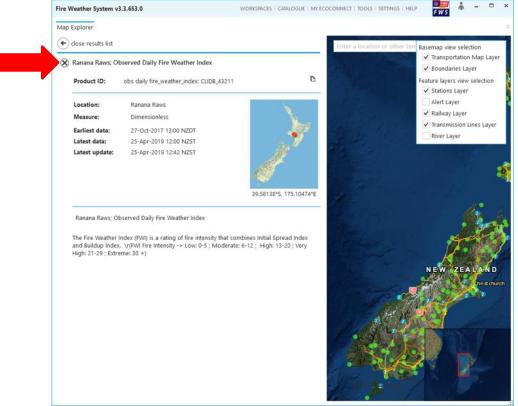
• To view the list of products associated with the site, you can expand the list by clicking on the arrow beside the site name.



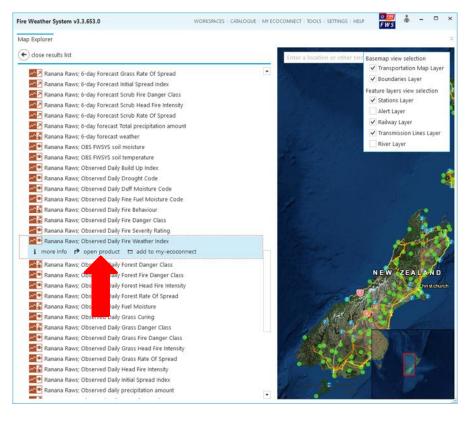
- By clicking on any of the products listed you will get 3 options:
 - o more info
 - open product
 - add to my-ecoconnect



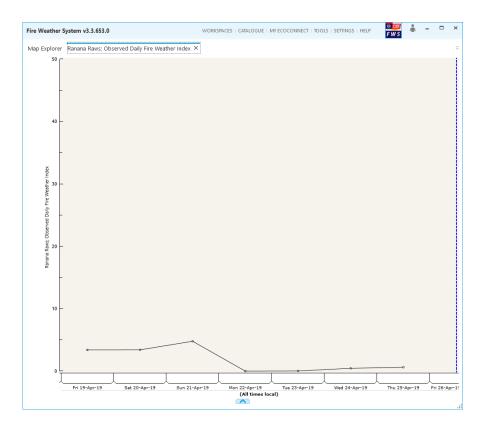
• After clicking on a product name, if you select the "more info" option, you will obtain more information about that specific product.



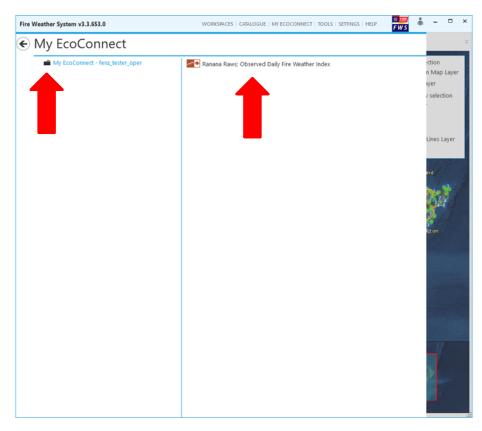
To return to the list of products, click on the "X" icon beside the product name



• If you select the "open product" option, the product will open into a new tab.

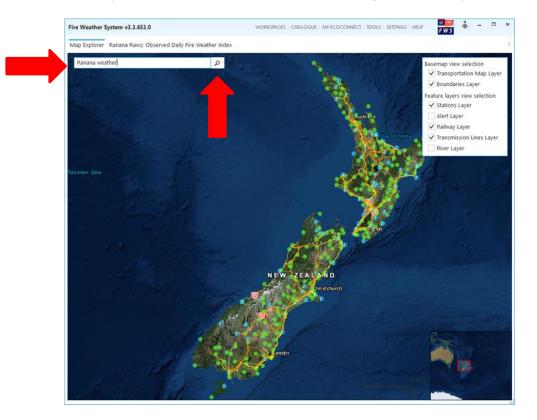


- For more details about the chart, see chart or image viewer section
- If you select the "add to my-ecoconnect" option, the product will be added to your list of favourites. See My EcoConnect section for more details.

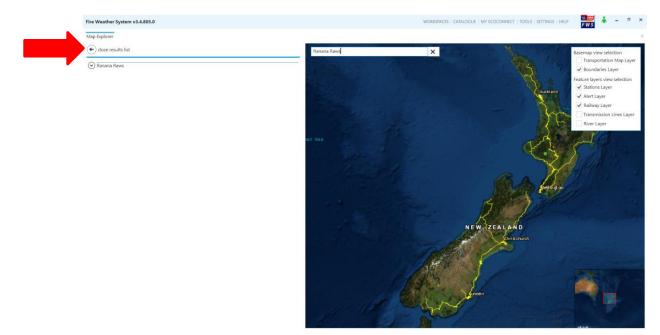


Filter search from Map Explorer

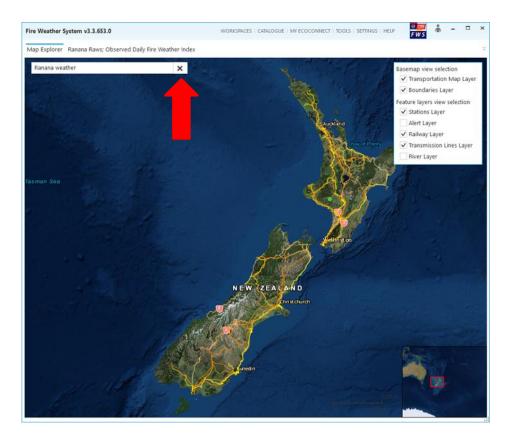
• From the main Map Explorer, you can enter search terms into the search box and click on the search icon (terms need to match location names and/or product names)



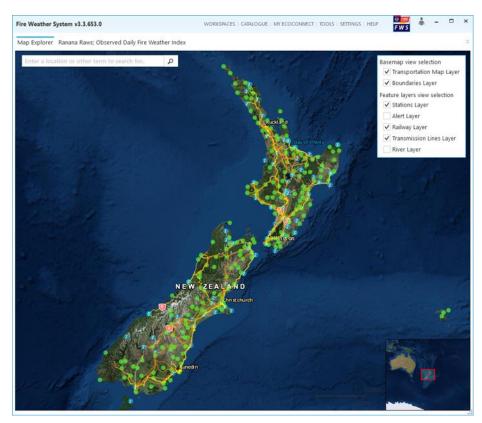
- The map will then show only the locations with products that match the search terms and similarly on the left panel.
- From the left panel you can then click on any of the filtered results to access the products as shown before.



• Clicking on "close result list" will bring you back the map browser with only the site that matches the search.



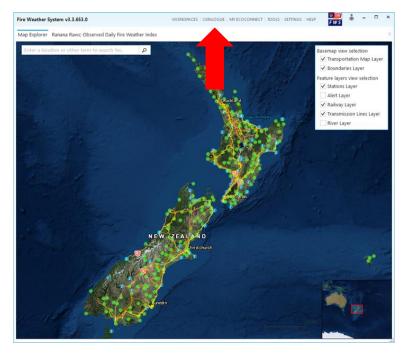
• To clear the search, click on the "X" on the right side of the search box.



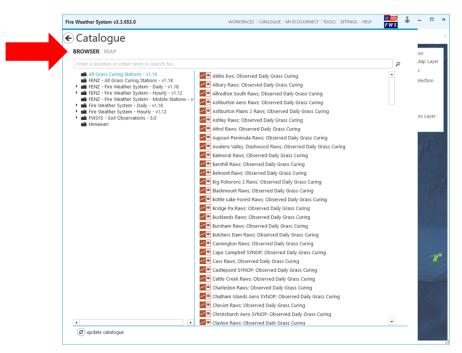
Catalogue Browser

Products Access

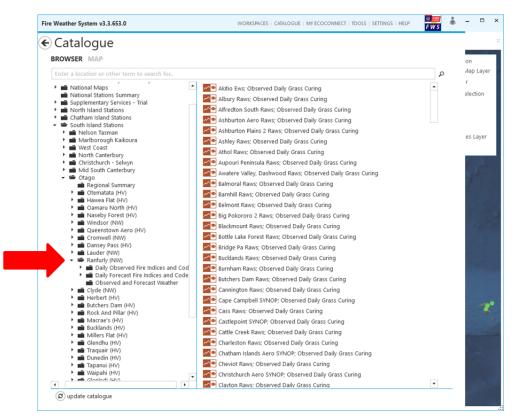
• The Catalogue Browser is available by clicking on the CATALOGUE option form the top menu.



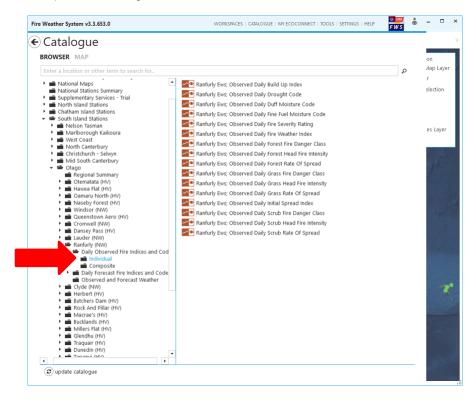
- You will first see the categories that are available in your catalogue, make sure the "Browser" option is selected, we will look at the Map option in the next section:
 - FENZ FWSYS Grass Curing Stations
 - Only appear if you are allowed to modify grass curing values
 - FENZ FWSYS Daily
 - FENZ FWSYS Hourly
 - o FENZ FWSYS Soil Observations
 - FENZ FWSYS Himawari



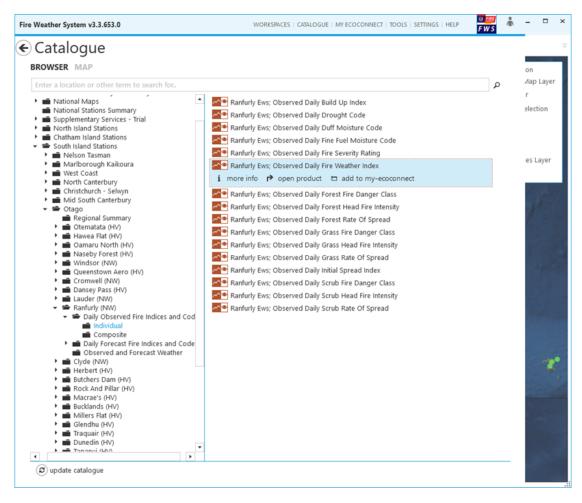
- You can expand any of the folders listed in the catalogue by a single right mouse click on the arrow pointing to the folder icon.
- To reach a viewable product, you need to continue expanding the folders, until they do not have the left arrow beside them.



 If you click on a folder that does not have a left arrow, it will show a list of products in the 'product list' panel to the right.

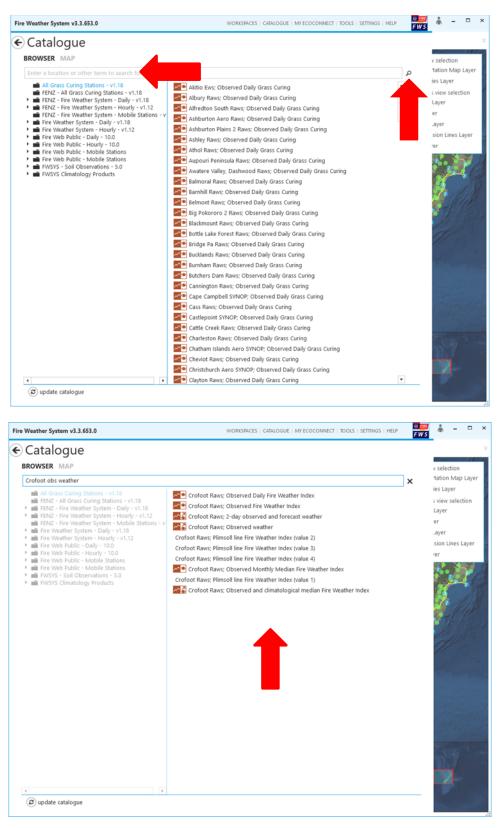


- After clicking on a product in the right panel, as with the Map Explorer, you can now either click on any of the 3 options as shown before:
 - o more info
 - open product
 - o add to my-ecoconnect

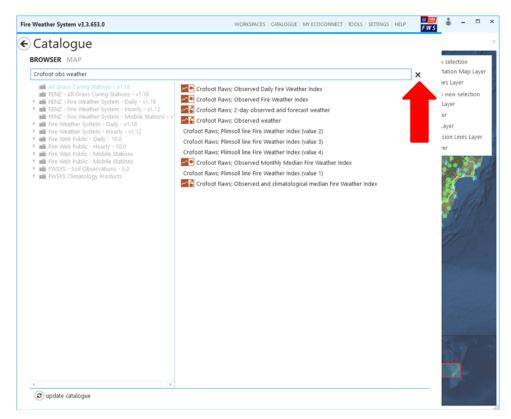


Filtered search

If you enter some search terms in the search box and click on the search icon, a list of
products matching the search terms will appear in the right panel. Terms need to match a
location and/or a product name.

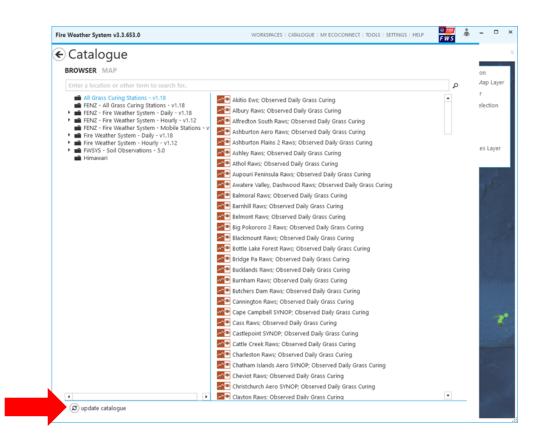


• To clear the filtered box search, click on the "X" at the end of the search box.



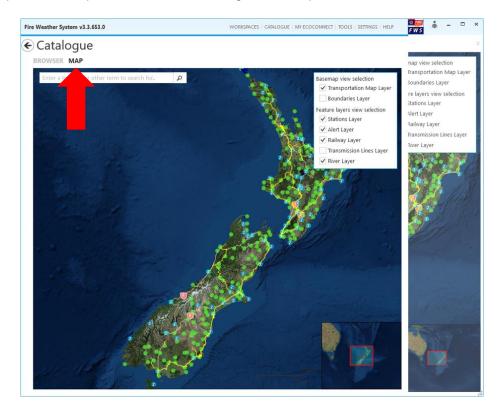
Catalogue refresh

- Occasionally new products will be added to the FWSYS catalogue. Since a local copy of the catalogue is saved on the user's computer, it will need to be refreshed when updates are made.
- Users will be informed via an email when their catalogue needs to be refreshed.
- To download the updated catalogue, click on the 'refresh' button in the lower right-hand corner of the 'Catalogue Browser' panel.



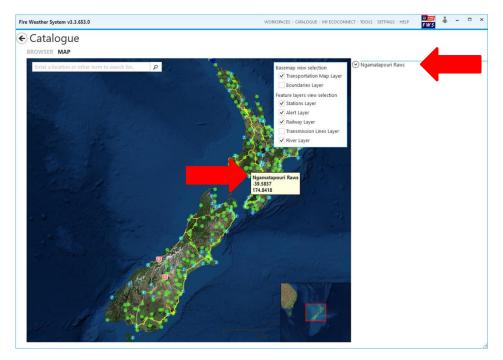
Catalogue Map

• Similar to the Map Explorer, the Catalogue Map is available by clicking on the CATALOGUE option in the top menu and then selecting the MAP option.

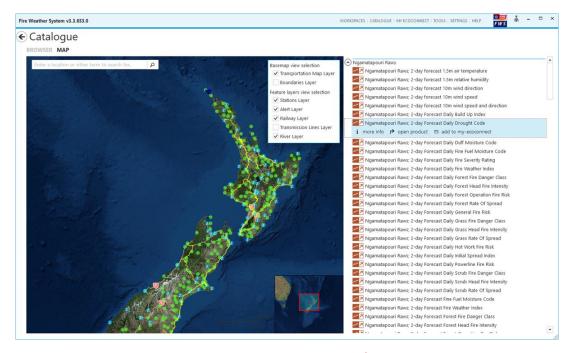


Products Access

• Clicking on a site on the map will show the site in the right panel



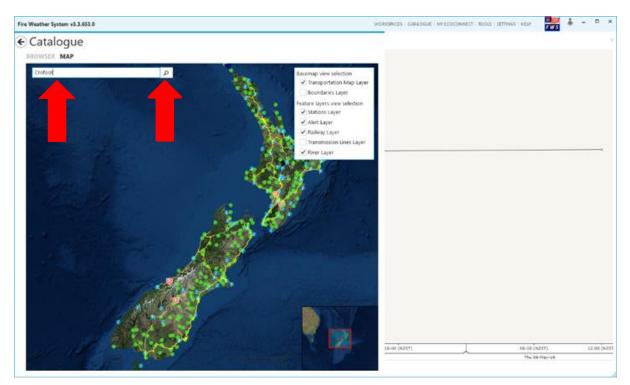
- Clicking on a site in the right panel will display a list of associated products.
- Clicking on a product will give you 3 options as shown before:
 - o more info
 - o open product
 - o add to my-ecoconnect





Filtered search

• You can enter search terms in the search box and click on the search icon.



- Only the sites that match the search terms will show on the map.
- The list of products matching the search terms will also appear as a list in the right panel.

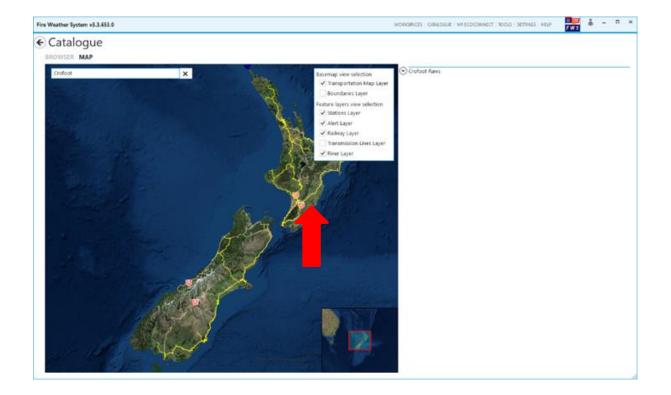
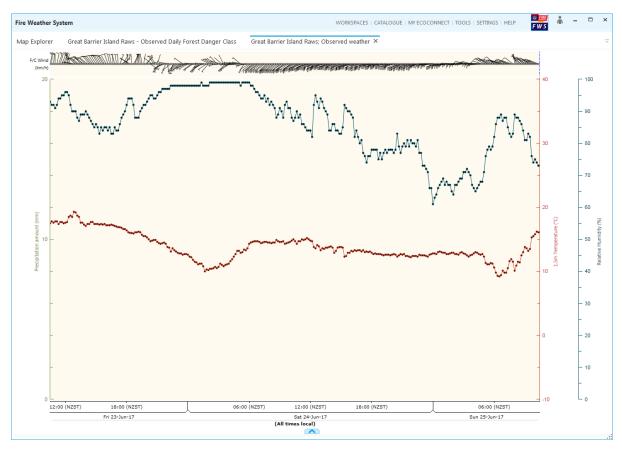


Chart viewer

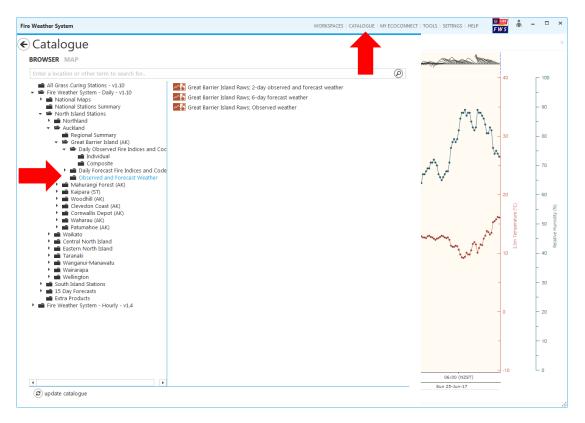
Summary

The chart viewer allows a user to view line/bar and other type of graph for a specific site (e.g. at weather stations).



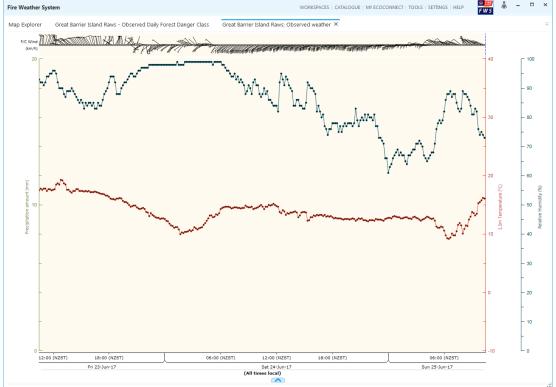
View charts

- To view a chart, go to the CATALOGUE from the top menu and expand the Fire Weather System entry.
- This will show you the content of the catalogue, you can continue expanding the folder until there are no more side arrows and click on the folder title to get a list of products appearing in the right panel.



- Once you have products listed you can click on any of the products and this will give you 3
 options:
 - o more info
 - $\circ \quad \text{open product} \\$
 - o add to my-ecoconnect

Fire Weather System	WORKSPACES	CATALOGUE	MY ECOCONNECT	TOOLS	SETTINGS	HELP	♥ FWS	÷	- 0	×
€ Catalogue										÷
BROWSER MAP					<u></u>	atta	-			
Enter a location or other term to search for			Ø				- 40		F 100	
Al Grass Carleg Stations -v1.10 Al Grass Carleg Stations -v1.20 Al Rational Maps Attonal Ma				~				1.5m Temperature (°C)	- 100 	Relative Humidity (%)
(3) update catalogue				s	un 25-3un-1	7				



If you click on the "open product" option, this will show you the chart in its own new tab.

 Once you have a chart opened, if you move your mouse over any part of the chart it will pop up a box with the values of the individual lines/bar or vector as you move your mouse.



Chart options

• From the bottom of the chart if you click on the up arrow it will bring a series of options.



Toggle Table/Chart

• In order to view a table of the data click on the first icon from the left in the graph options. This will replace the current chart and show a table of the data behind the chart.

vlap Explorer	Great Barrier Island Raws - Observed Daily Forest Danger Cla	iss Great Ba	arrier Island Raws; Observed weather ×	
Validity Time	Great Barrier Island Raws; Observed hourly precipitat	ion amount	Great Barrier Island Raws; Observed screen air temperature	Great Barrier Island Raws; Observed screen rela
23-Jun-2017 10	0:30 0.00		17.50	93.00
23-Jun-2017 10	0:40 0.00		17.80	92.00
23-Jun-2017 10	0:50 0.00		17.60	92.00
23-Jun-2017 11	0.00 0.00		17.80	91.00
23-Jun-2017 11	1:10 0.00		17.80	92.00
23-Jun-2017 11	1:20 0.00		17.40	94.00
23-Jun-2017 11	1:30 0.00		17.70	94.00
23-Jun-2017 11	1:40 0.00		17.70	95.00
23-Jun-2017 11	1:50 0.00		17.50	95.00
23-Jun-2017 12	2:00 0.00		17.60	96.00
23-Jun-2017 12	2:10 0.50		17.70	96.00
23-Jun-2017 12	2:20 0.00		18.50	95.00
23-Jun-2017 12	2:30 0.00		18.70	92.00
23-Jun-2017 12	2:40 0.00		18.50	90.00
23-Jun-2017 12	2:50 0.00		19.30	90.00
23-Jun-2017 13	0.00 0.00		19.20	90.00
23-Jun-2017 13	3:10 0.00		18.70	88.00
23-Jun-2017 13	3:20 0.00		18.50	87.00
23-Jun-2017 13	3:30 0.00		17.60	89.00
23-Jun-2017 13	3:40 0.00		17.60	89.00
23-Jun-2017 13	3:50 0.00		17.30	89.00
23-Jun-2017 14	0.0 00:1		17.10	90.00
23-Jun-2017 14	1:10 0.00		17.40	89.00
23-Jun-2017 14	1:20 0.00		17.40	88.00
23-Jun-2017 14	1:30 0.00		17.70	87.00
23-Jun-2017 14	1:40 0.00		17.70	86.00
23-Jun-2017 14	1:50 0.00		17.40	85.00
23-Jun-2017 15	5:00 0.00		17.40	86.00
23-Jun-2017 15	5:10 0.00		17.40	85.00
23-Jun-2017 15	5:20 0.00		17.30	83.00
23-Jun-2017 15	5:30 0.00		17.40	85.00
23-Jun-2017 15	5:40 0.00		17.30	84.00
23-Jun-2017 15	5:50 0.00	_	17.40	85.00
23-Jun-2017 16	5:00 0.00		17.20	85.00
23-Jun-2017 16	5:10 0.00		17.20	84.00
23-Jun-2017 16	5:20 0.00		17.20	85.00
23-Jun-2017 16	5:30 0.00 🦷		17.30	83.00
	4			

Download Chart – Data Export

• Once you are in table mode, you can download the data in Excel format by clicking on the "Download Chart" icon.

Fire Weather System WORKSPACES CATALOGUE MY ECOCONNECT TOOLS SETTINGS HELP 🛛 💥 📩 – 🗆 🗙					
/ap Explorer	Great Barrier Island Raws - Observed Daily Forest Danger Class	Great Barrier Island Raws; Observed weat	her ×		
Validity Time	Great Barrier Island Raws; Observed hourly precipitation a	mount Great Barrier Island Raws; Ob	served screen air temperature Great Barrier Isla	and Raws; Observed screen relati	
23-Jun-2017 1	0:30 0.00	17.50	93.00		
23-Jun-2017 1	0:40 0.00	17.80	92.00		
23-Jun-2017 1	0:50 0.00	17.60	92.00		
23-Jun-2017 1	1:00 0.00	17.80	91.00		
23-Jun-2017 1	1:10 0.00	17.80	92.00		
23-Jun-2017 1	1:20 0.00	17.40	94.00		
23-Jun-2017 1	1:30 0.00	17.70	94.00		
23-Jun-2017 1	1:40 0.00	17.70	95.00		
23-Jun-2017 1	1:50 0.00	17.50	95.00		
23-Jun-2017 1	2:00 0.00	17.60	96.00		
23-Jun-2017 1	2:10 0.50	17.70	96.00		
23-Jun-2017 1	2:20 0.00	18.50	95.00		
23-Jun-2017 1	2:30 0.00	18.70	92.00		
23-Jun-2017 1	2:40 0.00	18.50	90.00		
23-Jun-2017 1	2:50 0.00	19.30	90.00		
23-Jun-2017 1	3:00 0.00	19.20	90.00		
23-Jun-2017 1	3:10 0.00	18.70	88.00		
23-Jun-2017 1	3:20 0.00	18.50	87.00		
23-Jun-2017 1	3:30 0.00	17.60	89.00		
23-Jun-2017 1		17.60	89.00		
23-Jun-2017 1	3:50 0.00	17.30	89.00		
23-Jun-2017 1	4:00 0.00	17.10	90.00		
23-Jun-2017 1		17.40	89.00		
23-Jun-2017 1		17.40	88.00		
23-Jun-2017 1		17.70	87.00		
23-Jun-2017 1		17.70	86.00		
23-Jun-2017 1		17.40	85.00		
23-Jun-2017 1		17.40	86.00		
23-Jun-2017 1		17.40	85.00		
23-Jun-2017 1		17.30	83.00		
23-Jun-2017 1		17.30	85.00		
23-Jun-2017 1 23-Jun-2017 1		17.30	84.00		
23-Jun-2017 1		17.50	85.00		
23-Jun-2017 1 23-Jun-2017 1		17.50	85.00		
23-Jun-2017 1 23-Jun-2017 1			84.00		
23-Jun-2017 1 23-Jun-2017 1			85.00		
23-Jun-2017 1 23-Jun-2017 1			83.00		
25 Jun 2017 1			05.00		
	4	<u>(572)</u>			
	()		⊕ 100%		

• This will bring a pop-up window where you can select to save the data to clipboard or save it to an Excel sheet. You can change the name of the export data file by clicking on the Folder icon. Then click the Ok button.

EXPORT DATA	
Export to clipboard	
Destination file:	
C:\Users\mivilleb\Documents\ecoconnect1.xls	
	`
	_
	ok cancel



• By clicking on the Toggle table/chart icon again you will go back to the chart.

Add to My EcoConnect

• By clicking on the second button from the left, you can save the current chart product to My EcoConnect (e.g. favourites) so you can quickly access the product next time you want to see it.



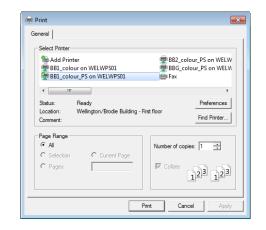
 Enter the name of the product as you want to see it in My EcoConnect and click on the OK button.



Print this view

• By clicking on the 3rd button form the left, you can print the chart.





Download Chart – Chart Export

 Once you are in chart mode, you can download the chart in JPG format by clicking on 4th icon from the left, the "Download Chart" icon.



- You can save the image to the clipboard or to a jpg file.
- You can change the name of the saved jpg file by clicking on the Folder icon.
- Then click on the Ok button.

EXPORT CHART	
Export to clipboard	
Destination file: C:\Users\mivilleb\Documents\ecoconnect2.jpg	
	ok cancel

Chart Settings and Options

• By clicking on the 5th icon from the left you can change some chart settings.

CHANGE CHART SETTINGS
 Enable values tooltip Show all plot tooltips at once Show all data series Enable current time line on all plots
ok cancel

- Enable values tooltip: selected by default, allows a user to view values as a pop-up box
- Show all plot tooltips at once: selected by default, all values showing in one pop up box. Deselected, the pop up will only be for the line that the mouse is moved over.
- Show all data series: deselected by default, only for forecast data, allows a user to see all current and previous forecasts valid for the time range in the viewer.
- Enable current time line on all plots: selected by default, will show a line on the chart showing the current time.

Zoom in and out

• The right-most icon, allows the user to zoom in and out the chart plot.

Axis settings

• By clicking over the top of any axis, it is possible to change some properties of the plot for individual lines, bars etc.

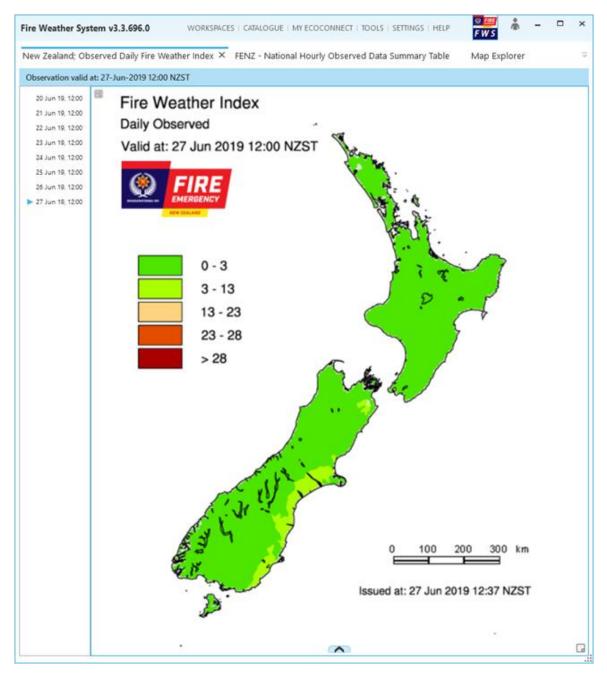
roperties		
Display		
Visibility	Visible	
Label		
Label	F/C Wind	
Label Colour	Black	
Label Font	Segoe UI	
Label Font Size	10	
Label Font Weight	Normal	
Units		
Display Units on Label		
Unit of measure	SpeedKilometresPerHour	
Scale Scale Colour	White	
ANGE AXIS A	ND PLOTS	ok ca
properties	ND PLOTS	ok ca
properties Display		ok ca
Display Visibility		ok ca
Display Visibility Top Padding	Visible	ok ca
Display Visibility	Visible 3	ok ca
Display Visibility Top Padding Bottom Padding	Visible 3	ok ca
Display Visibility Top Padding Bottom Padding	Visible 3 3	ok ca
Display Visibility Top Padding Bottom Padding Label Label	Visible 3 3 1.5m Temperature #FFCC3D26	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Label Colour Label Font	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Label Colour Label Font Label Font Size	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI 11	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Label Colour Label Font Label Font Size Label Font Weight	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Label Colour Label Font Label Font Label Font Size Label Font Weight Units	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI 11 Normal	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Colour Label Font Label Font Label Font Size Label Font Weight Units Display Units on Lab	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI 11 Normal	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Colour Label Font Label Font Label Font Size Label Font Weight Units Display Units on Lab	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI 11 Normal	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Colour Label Font Label Font Label Font Size Label Font Weight Units Display Units on Lab	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI 11 Normal	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Colour Label Font Label Font Label Font Veight Units Display Units on Lab Unit of measure Scale	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI 11 Normal Degree Celsius	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Colour Label Font Label Font Label Font Veight Units Display Units on Lab Unit of measure Scale Auto Fit Scale	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI 11 Normal Degree Celsius	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Colour Label Font Label Font Label Font Veight Units Display Units on Lab Unit of measure Scale Auto Fit Scale Scale Minimum Scale Maximum	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI 11 Normal bel Ø Degree Celsius -10	ok ca
Display Visibility Top Padding Bottom Padding Label Label Label Colour Label Font Label Font Label Font Veight Units Display Units on Lab Unit of measure Scale Auto Fit Scale Scale Minimum	Visible 3 3 1.5m Temperature #FFCC3D26 Segoe UI 11 Normal bel Ø Degree Celsius -10 40	ok ca

• Please note that changes are temporary for the duration of your login session. To make a permanent change use the chart builder.

Image viewer

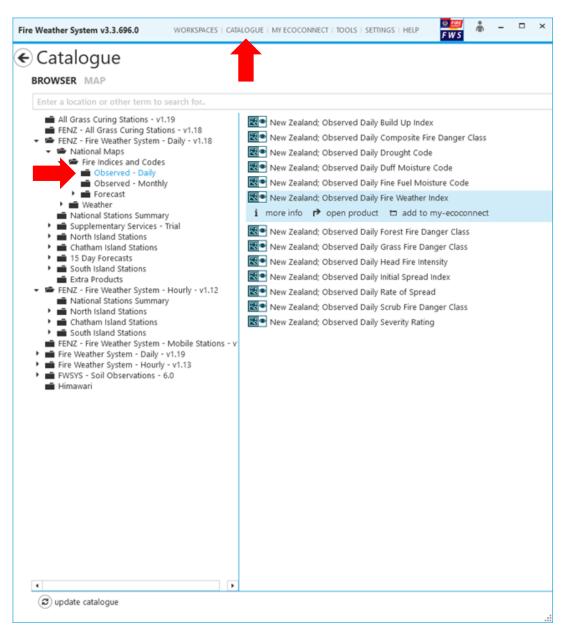
Summary

The image viewer allows a user to view, animate and download images (e.g. satellite pictures) and maps (e.g. Fire Weather Index).

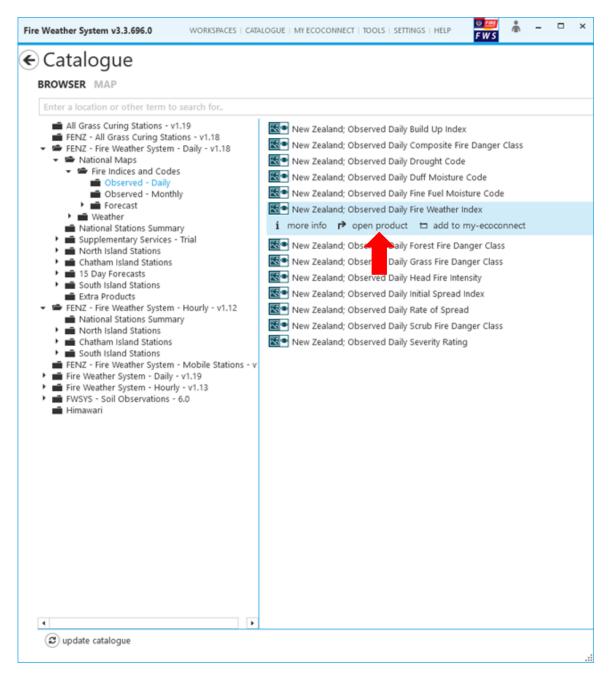


View images

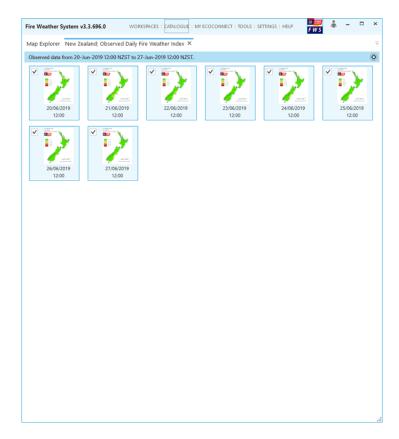
- To view an image, go to the CATALOGUE from the top menu and expand the Fire Weather System entry.
- This will show you the content of the catalogue, you can continue expanding the folder until there are no more side arrows and click on the folder title to get a list of products appearing in the right panel.



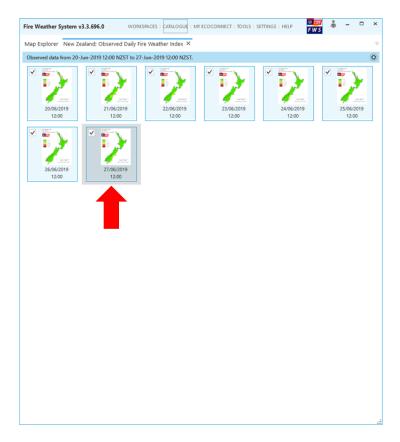
- Once you have products listed you can click on any of the products and this will give you 3 options:
 - more info
 - open product
 - add to my-ecoconnect



• After clicking on the "open product" option, you will get a series of thumbnails appearing in a new tab.



• To view an image, click on one of the thumbnails.



• This will replace the thumbnails with the selected image.

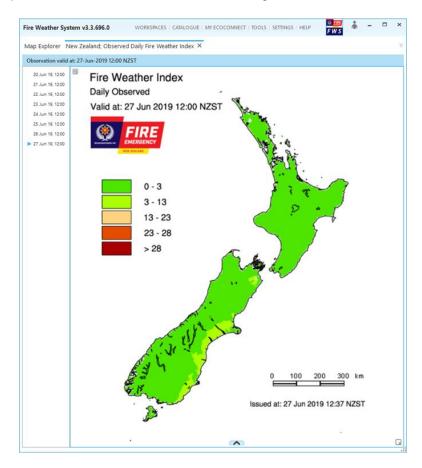
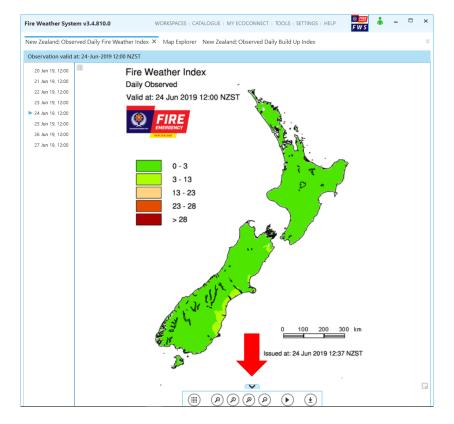


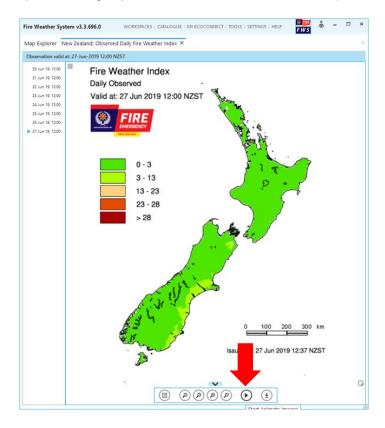
Image options

• To access any of the image options described in the next sections you need to click on the up arrow at the bottom of the image, this will reveal the available options.

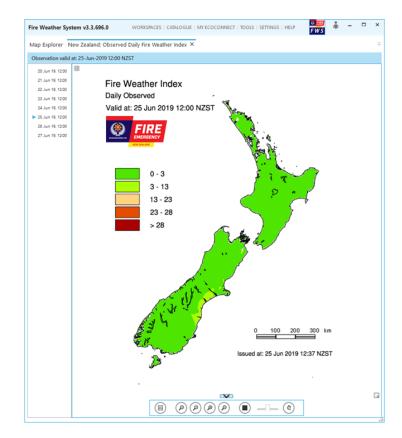


Animating Images

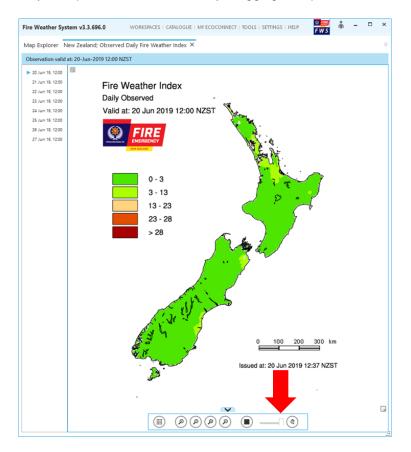
• To animate images, once an image is opened, click on the up arrow located at the bottom of the image to open the image options. Then click on the arrow icon (Start Animate Images).



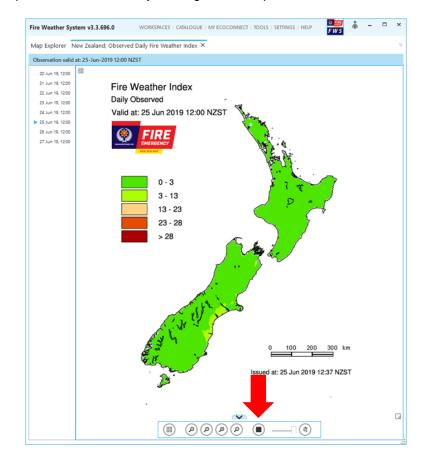
• That will start the animation.



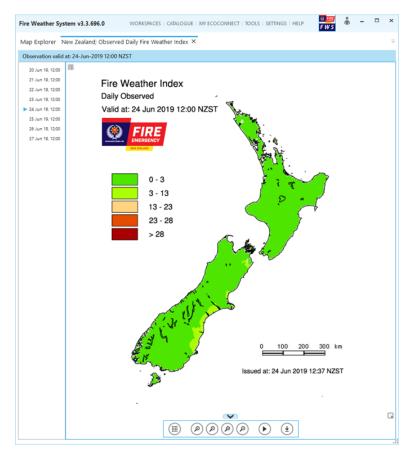
• You can modify the speed of the animation by dragging the speed control to the right or left.



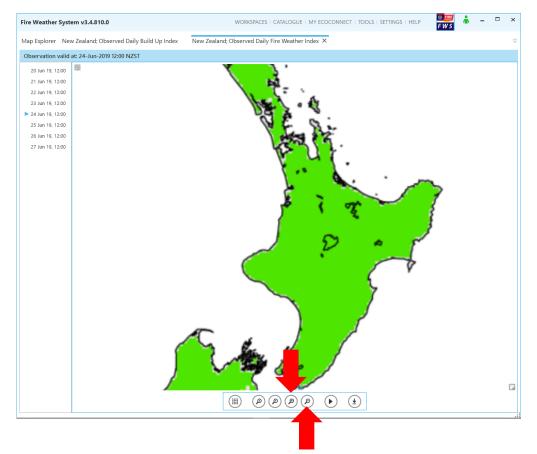
• You can pause the animation by clicking on the stop button.



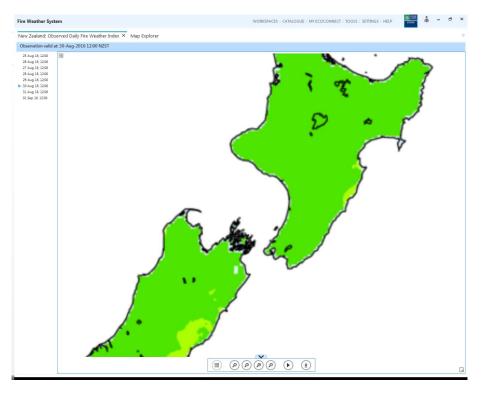
• The image will then stop animating.



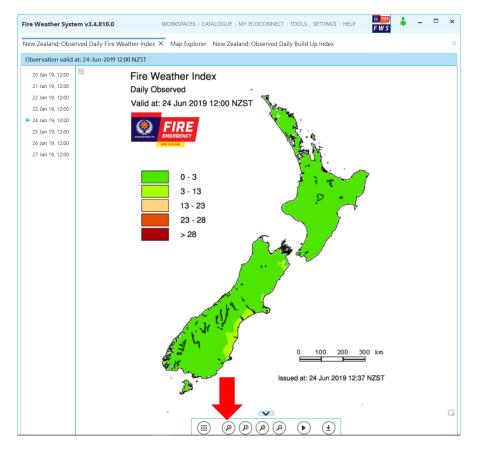
 You can change the size of the image by using either the zoom in (+) or zoom out (-) button (3rd and 4th magnifying glass from the left)



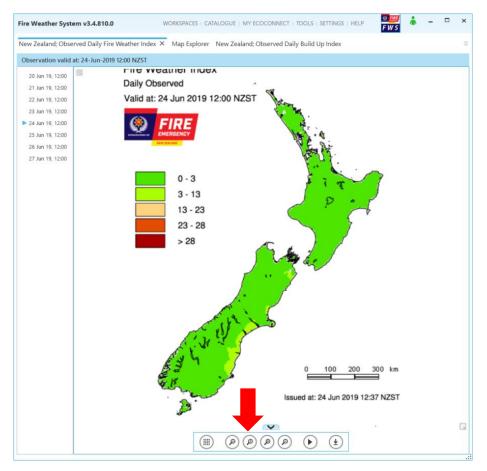
• To zoom in and out you can also use the scroll button on your mouse (if available). You can also pan by right clicking and holding with the mouse.



• You can also force the image to fit into the available screen by clicking on the first magnifying glass icon.

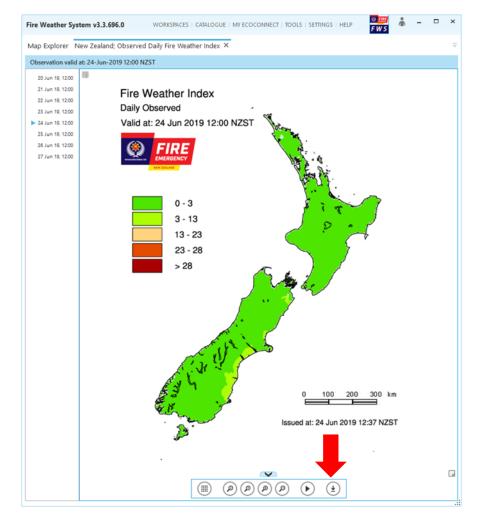


• To see the image at its full resolution (1:1 pixel), you need to click on the second magnifying glass icon.



Download Images

• To download images, click on the download icon located at the bottom of the image. For this to work, the animation needs to be stopped and an image opened.



- This will bring the Export Data window and give you 3 choices:
 - To clipboard
 - To .PDF
 - o To .PNG

EXPORT DATA		
 Download selected ima Download all images in 		
Save folder:		
C:\Users\mivilleb\Pictures		۲
To clipboard	To PDF	To .PNG
		close

- If you want to download only the visible image, select the option called: "Download selected image only".
- First select a folder where you want to save the image by clicking on the folder icon, it will be given a unique filename based on the product's name and validity time.
- To then save the image on your computer, just select the PDF or PNG option.

XPORT DATA		
Download selected image		
Download all images in	series	
Save folder: C:\Users\mivilleb\Pictures		
To clipboard	To PDF	To .PNG

• This will then confirm that the image has been downloaded. Just click on the "ok" button.

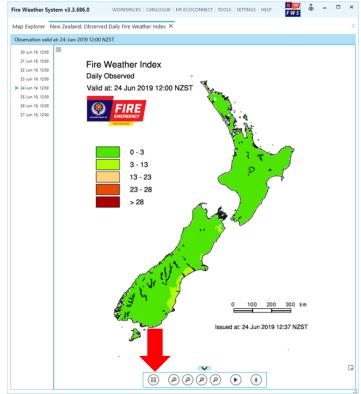
DOWNLOAD I	IMAGES
Download completed.	
	ok

• If you want to copy the image, click on the "To clipboard" button. Then click on the "ok" button and "close" the Export Data Window. To paste the image in a Word document using Ctrl-V.

EXPORT DATA Download selected image only Download all images in series Save folder: C:\Users\mivilleb\Pictures To clipboard To PDF To .PNG	DOWNLOAD IMAGES Download completed.
close	EXPORT DATA Download selected image only Download all images in series Save folder:
	C:\Users\mivilleb\Pictures

Change date of the Images

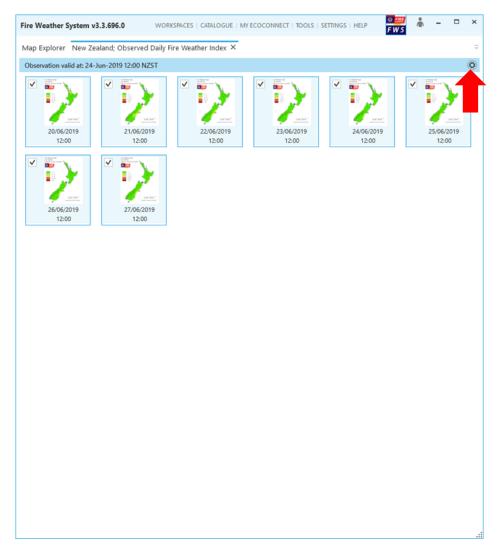
• If you already have an image open, you first need to go back to the thumbnails view. Click on the up arrow located at the bottom of the image in the middle. Then click on the thumbnails icon.



• That will bring you back to the thumbnails view.



• Once you are in the thumbnails view, click on the settings wheel located in the upper right corner.



• This will display the "Select new date range" window.

SELECT N	EW DATE RANG	GE		
Data is available	between 16-Jul-1996 12: 00	and 27-Jun-	2019 12:00.	
Start date:	20/06/2019	14	12:00	•
End date:	27/06/2019	14	12:00	•
			ok	cancel

• Select a start and end date and or time by clicking on the calendar icon or using the dropdown for the time. In the calendar you can click on the Month once to change the month or use the arrow left and right and click again to change the year.

Data is availat	ole betwe									
		een 1	6-Ju	ul-19	96 1	2: 0) and	27-Jun	-2019 12:00	•
Start date:	18/0	06/20	19					विष्		•
	10/0	,0,20		ne 20	110		Þ			
End date:	•		Jui	ne zu	19		P	14	12:00	•
	Su	Mo	Tu	We	Th	Fr	Sa			
	26	27	28	29	30	31	1			
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22		ok	cancel
	10									

• Then click the "ok" button.

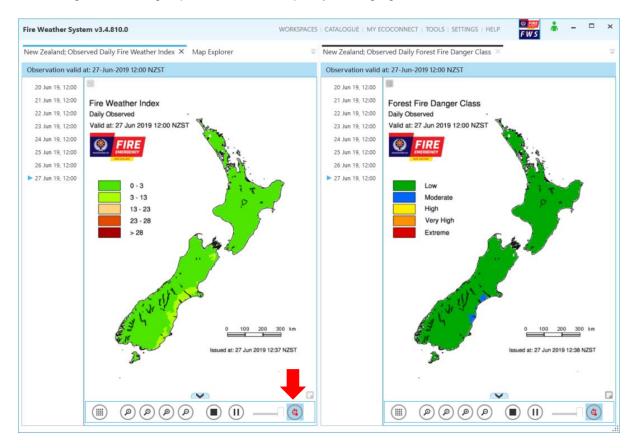
SELECT	NEW DATE RA	NGE		
Data is availab	ole between 16-Jul-1996 12	: 00 and 27-Jun-	2019 12:00.	
Start date:	18/06/2019	14	12:00	•
End date:	20/06/2019	14	12:00	•
			ok	cancel

• This will bring you the images for the date range selected in the thumbnails view.



Synchronize Playback

• If you have 2 or more different image products opened and animating within the same time range, you can synchronise the animation by clicking on the synchronise button at the bottom right of the image options. You can stop it by clicking again on the same button.



Fire Service Data Table Viewer

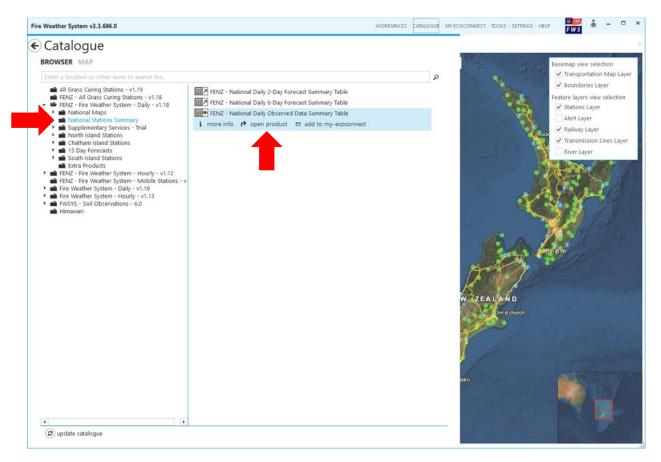
Summary

0

- There are several types of tables now available:
 - o Daily Observed Data table
 - updated once a day with 00 UTC data (12:00 NZST or 13:00 NZDT)
 - If the weather data is not available for a specific station, it will be replaced by interpolated data
 - Hourly Observed Data table
 - Updated once per hour at about 40 minutes past the hour if the station data is available. If the data comes in late it will be filled once the data is available (up to 24 hours late)
 - o Forecast Data table
 - 2- and 6-day daily forecast data

Daily Observed Data Table

- To view an observed daily data table, from the Daily catalogue, select the 'National Stations Summary' category.
- Click on the product called:
 - o FENZ National Daily Observed Data Summary Table
 - o then click on "open product".

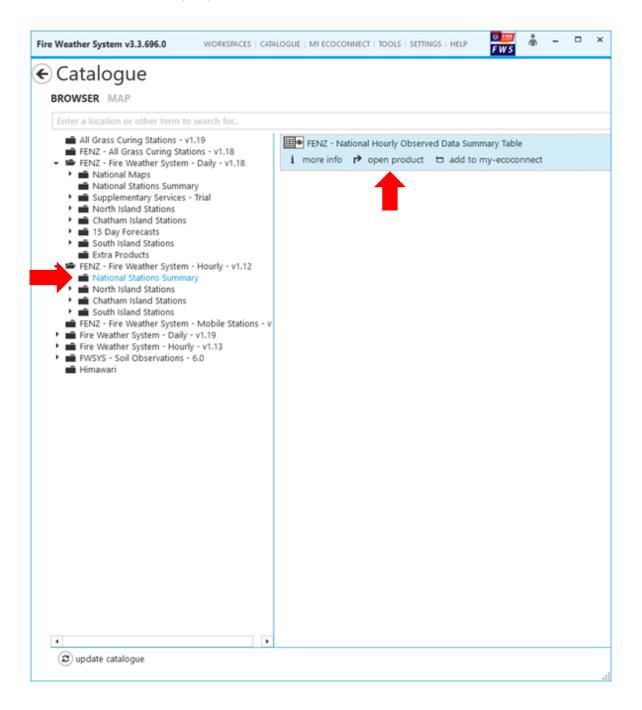


• This will show the most recent table available

	A																1
rthland												Thu	rsday,	27 Ju	ne 201	9 NZST	L
STATION NAME	FOREST	SCRUB	GRASS	FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT	
upouri Peninsula	- L -	v	- L -	73	1	210	2.0	2	0.6	14.5	74	138	21	0.0	34	Aut	
aeo	- L -	- U -	- L -	55	1	28	0.4	1	0.1	13.9	76	105	10	0.0	60	Aut	
Vaitangi Forest	- L -	- L -	- L -	52	1	160	0.3	1	0.1	12.5	83	197	10	0.4	60	Aut	-
laikohe	- L -	- U -	- L -	32	0	113	0.0	1	0.0	11.9	90	148	4	0.2	50	Aut	
lokianga	- L -	- L -	- L -	38	0	231	0.0	1	0.0	11.8	100	166	4	0.0	50	Aut	
owai	1 L -	1 U -	1 U -	53	1	89	0.5	1	0.1	12.1	86	125	14	0.2	50	Aut	
Opouteke	- L -	- L -	- L -	55	1	6	0.4	1	0.1	12.6	64	000	5	0.2	50	Aut	
fangakahia	м	E	м	97	9	90	12.3	15	14.3	11.3	1	240	2	0.0	50	Sub	
Vhangarei	- L -	н	- L -	64	1	245	0.6	2	0.2	12.1	83	224	3	0.2	50	Aut	
Dargaville	1 L -	- L -	- L -	20	0	80	0.0	1	0.0	9.8	75	147	5	0.0	60	Aut	
outo	1 L -	н	м	65	1	96	0.8	2	0.3	12.0	77	124	8	0.2	60	Aut	
Mahurangi Forest	1 L -	1 L -	1 L	53	1	59	0.3	2	0.1	13.2	81	102	6	0.0	50	Aut	_
ckland												Thu	rsday,	27 Ju	ne 201	9 NZST	
STATION NAME	FOREST	SCRUB	GRASS	FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT	
Freat Barrier Island	- L -	н	- L -	68	1	102	0.9	2	0.3	13.3	85	152	8	0.0	50	Aut	
fahurangi Forest	- L -	1 L -	1 L -	53	1	59	0.3	2	0.1	13.2	81	102	6	0.0	50	Aut	
aipara	- L -	V.	м	78	2	156	1.4	4	0.5	13.4	62	098	7	0.0	50	Aut	
Voodhill	- L -	v	м	80	2	159	1.8	4	0.7	14.6	64	070	8	0.0	50	Aut	
levedon Coast	- L -	V.	м	81	3	245	1.7	6	0.8	14.0	63	055	7	0.0	50	Aut	
Cornwallis Depot	- L -	н	- L -	66	1	55	0.7	3	0.2	10.2	85	099	5	0.0	50	Aut	
Vaharau	- L -	н	- L -	74	2	131	0.9	4	0.3	12.4	75	170	4	0.5	50	Aut	
atumahoe	- L -	н	. L.	72	2	171	1.0	4	0.4	10.6	82	170	9	0.0	50	Aut	
e Akau	- L -	v	м	78	2	48	1.7	3	0.6	10.1	78	118	12	0.2	40	Aut	
ikato												Thu	rsday,	27 Ju	ne 201	9 NZST	
STATION NAME	FOREST	SCRUB	GRASS	FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT	۰.
Vaikawau Bay	. L.	V	ι.	78	2	153	1.3	4	0.5	14.5	69	105	6	0.4	40	Aut	
Vhangamata	ι.	н	ι.	77	2	101	1.1	3	0.4	11.7	80	093	5	0.0	40	Aut	
aeroa	- L -	н	. L.	70	1	162	0.8	2	0.2	9.4	90	221	4	0.2	40	Aut	
Vaeranga	. L.	н	ι.	61	1	242	0.5	2	0.2	7.0	97	304	4	0.2	40	Aut	
Vaihi	- L -	н	. L.	64	1	82	0.6	2	0.2	8.8	92	264	2	0.2	40	Aut	
e Akau	. L.	v	м	78	2	48	1.7	3	0.6	10.1	78	118	12	0.2	40	Aut	
familton	ι.	н	τ.	65	1	92	0.8	2	0.3	9.3	85	179	9	0.2	40	Aut	
aharoa	ι.	н	τ.	76	2	7	1.0	2	0.3	11.3	65	044	5	0.0	40	Aut	
Vaitomo	τ.	н	τ.	62	1	7	0.5	2	0.2	10.3	84	040	3	0.4	40	Aut	
liopio	τ.	L.	ι.	38	0	4	0.0	1	0.0	5.1	96	146	4	0.2	40	Aut	
ntral North Isla								0				_		27 Ju			

Hourly Observed Data Table

- To view an hourly observed data table, from the Hourly catalogue, select the 'National Stations Summary' category.
- Click on the product called:
 - o FENZ National Hourly Observed Data Summary Table
 - o then click on "open product".



• This will show the most recent table available

FENZ - National Hourly O	bserved D	ata Sum	mary T	able ×	Map	Explor	er FEN	IZ - Na	ational I	Daily O	bserve	d Data
NORTH ISLAND DATA												
Northland								riday,	28 Ju	ne 201	9 09:00	0 NZST
STATION NAME	FOREST	SCRUB	GRASS	FFMC	151	FWI	TEMP	RH	DIR	WSP	RN24	STAT
Aupouri Peninsula				14	0	0	12.8	95	154.0	13.3	9	Aut
Kaeo	L	L	L.	52	0	0	11.2	94	15.0	3.6	1	Aut
Waitangi Forest	L.	L.	L.	58	1	0	11.9	97	246.0	8.6	0	Aut
Kaikohe	L.	τ.	τ.	51	0	0	10.3	95	138.0	5.4	0	Aut
Hokianga	L	τ.	τ.	54	0	0	8.7	100	269.0	5.4	0	Aut
Towai	L	τ.	τ.	57	0	0	9,4	94	117.0	2.5	0	Aut
Opouteke	L.	τ.	. L.	53	0	0	9.4	100	0.0	2.5	0	Aut
Mangakahia	-			-				1	59.0	1.8	1	
Whangarei	L.	- L -	1 L	33	0	0	10.8	96	310.0	3.6	3	Aut
Dargaville	-					-	7.3		136.0	4.7	0	Aut
Pouto	- L -	н	м	73	1	0	10.4	99	114.0	8.6	0	Aut
Mahurangi Forest	- L -	н	1 L -	67	1	0	11.3	95	76.0	5.0	0	Aut
Auckland								riday,	28 Ju	ne 201	9 09:0	0 NZST
STATION NAME	FOREST	SCRUB	GRASS	FFMC	151	FWI	TEMP	RH	DIR	WSP	RN24	STAT
Great Barrier Island	L	V	м	67	1	0	15.0	52	111.0	17.3	3	Aut
Mahurangi Forest	- L -	н	- L -	67	1	0	11.3	95	76.0	5.0	0	Aut
Kaipara	- L -	v	м	76	2	1	9.7	97	104.0	11.9	0	Aut
Woodhill	- L.	v	м	78	2	1	10.6	87	101.0	13.3	0	Aut
Clevedon Coast	- L -	v	м	81	2	1	13.0	72	116.0	4.7	0	Aut
Cornwallis Depot	- L -	н	1 L	69	1	0	8.5	98	138.0	3.2	0	Aut
Waharau	- L -	н	1 L -	74	1	0	7.8	100	200.0	5.0	0	Aut
Patumahoe	- L -	н	м	75	1	0	7.1	91	167.0	8.6	0	Aut
Te Akau	- L -	V	м	79	2	1	8.0	81	117.0	14.4	0	Aut
Waikato								riday,	28 Ju	ne 201	9 09:00	NZST
STATION NAME	FOREST	SCRUB	GRASS	FFMC	151	FWI	TEMP	RH	DIR	WSP	RN24	STAT
Waikawau Bay	L	н	L.	66	1	0	7.4	95	272.0	2.2	1	Aut
Whangamata	- L.	v	- L -	76	2	1	9.0	91	116.0	13.3	0	Aut
Paeroa	- L.	н	1 L	69	1	0	4.3	96	183.0	2.9	0	Aut
Waeranga	- L -	н	1 L -	73	1	0	6.3	97	297.0	1.4	0	Aut
Waihi	- L -	н	1 L	72	1	0	1.3	92	105.0	1.8	0	Aut
Te Akau	- L -	v	м	79	2	1	8.0	81	117.0	14.4	0	Aut
Hamilton	- L -	н	1 L	67	1	0	3.9	98	163.0	7.6	0	Aut
Taharoa	- L -	v	м	81	2	1	8.2	74	150.0	7.2	0	Aut
Waitomo	- L -	- L -	1 L -	54	0	0	2.8	100	236.0	0.4	0	Aut
Piopio				50	0	0	2.5	96	268.0	3.6	0	Aut

• to view the past 24 hours for a specific station, click on the station name

FENZ - National Hourly Ob	served Da	ata Sum	imary T	able ×	Мар	Explor	er FEN	IZ - Na	ational (Daily O	bserved	d Data	Summar	y Table	2	
Back to region																
Kaikohe									8 June							
VALIDITY TIME	FOREST	SCRUB	GRASS		ISI		TEMP	RH	DIR	WSP	RN24	STAT				
Thu, 2019-Jun-27 09:00 NZST	- U.	- U	. U	45	0	0	7.8	97	27.0	3.6	0	Aut				
Thu, 2019-Jun-27 10:00 NZST	- L	- U	- U	45	0	0	9.4	94	143.0	3.6	0	Aut				
Thu, 2019-Jun-27 11:00 NZST	- U.	- U	. L	46	0	0	11.0	94	170.0	6.5	0	Aut				
Thu, 2019-Jun-27 12:00 NZST	- U.	- U	. L.	46	0	0	11.9	90	148.0	4.3	0	Aut				
Thu, 2019-Jun-27 13:00 NZST	- U.	- L -	- L	37	0	0	12.9	82	139.0	10.1	0	Aut				
Thu, 2019-Jun-27 14:00 NZST	- U	- U	. L.	40	0	0	13.4	76	109.0	10.8	0	Aut				
Thu, 2019-Jun-27 15:00 NZST	- U -	- L -	- L	42	0	0	14.1	78	112.0	10.4	0	Aut				
Thu, 2019-Jun-27 16:00 NZST	- U	- L -	- U	44	0	0	13.4	79	99.0	13.3	0	Aut				
Thu, 2019-Jun-27 17:00 NZST	- U -	- U	- U	46	0	0	12.2	82	107.0	7.9	0	Aut				
Thu, 2019-Jun-27 18:00 NZST	- U -	- U	- U	47	0	0	11.4	85	106.0	6.5	0	Aut				
Thu, 2019-Jun-27 19:00 NZST	- L -	. U	- U	48	0	0	10.3	88	140.0	3.6	0	Aut				
Thu, 2019-Jun-27 20:00 NZST	- L -	- L -	- L	48	0	0	10.2	89	129.0	2.2	0	Aut				
Thu, 2019-Jun-27 21:00 NZST	- L -	- L -	- L	49	0	0	10.6	90	127.0	4.7	0	Aut				
Thu, 2019-Jun-27 22:00 NZST	- L -	- L -	- L	50	0	0	9.9	91	310.0	1.8	0	Aut				
Thu, 2019-Jun-27 23:00 NZST	- U -	- L -	- U	50	0	0	8.5	93	148.0	2.2	0	Aut				
Fri, 2019-Jun-28 00:00 NZST	- U -	- U	- U	50	0	0	9.1	93	85.0	3.6	0	Aut				
Fri, 2019-Jun-28 01:00 NZST	- U	- U	. L.	51	0	0	8.4	93	102.0	2.5	0	Aut				
Fri, 2019-Jun-28 02:00 NZST	- U -	- U	. L.	51	0	0	8.4	94	137.0	4.0	0	Aut				
Fri, 2019-Jun-28 03:00 NZST	- U.	Ц.,	- L	52	0	0	8.2	95	95.0	2.5	0	Aut				
Fri, 2019-Jun-28 04:00 NZST	- U -	- L -	- L	49	0	0	8.4	95	147.0	1.4	0	Aut				
Fri, 2019-Jun-28 05:00 NZST	- U.	- U	- U	50	0	0	8.2	95	67.0	3.2	0	Aut				
Fri, 2019-Jun-28 06:00 NZST	- U.	- L -	- U	50	0	0	9.5	95	98.0	6.8	0	Aut				
Fri, 2019-Jun-28 07:00 NZST	- U.	- L -	- U	50	0	0	9.0	96	115.0	1.4	0	Aut				
Fri, 2019-Jun-28 08:00 NZST	- U -	- U	- U	50	0	0	9.2	97	104.0	2.5	0	Aut				
Fri, 2019-Jun-28 09:00 NZST	- L -	- L -	- L	51	0	0	10.3	95	138.0	5.4	0	Aut				
4												•				

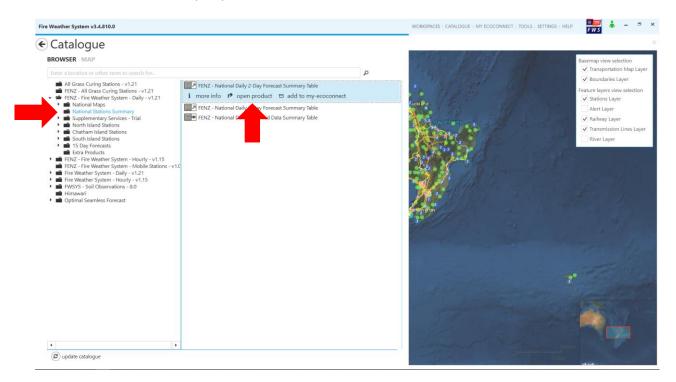
Forecast Daily Data Tables

- The forecast daily data tables are issued after the 6-day weather forecast has completed and available for the 00 UTC (12:00 NZST or 13:00 NZDT analysis model time).
- The 2-day and 6-day forecast tables are available at the same time.
 - To view the forecast table, select the 'National Stations Summary' category in the catalogue.
- Click on the product called:

or

•

- o FENZ National Daily 2-Day Forecast Summary Table
- o FENZ National Daily 6-Day Forecast Summary Table
- o then click on 'open product'.



ire Weather Syste	m v3.4.8	10.0							WOR	KSPACES	CATA	LOGUE	MY E	COCONNE	CT TOOL	S SETTING	S HELP	© 🔤 F W S	۵	-	;
/lap Explorer FEN	Z - Natio	nal Daily	2-Day Fo	recast	t Summ	ary Tab	le ×														
hoose validity date	e for fore	cast (pro	duced on	03-M	ay-202	0 12:00	NZST).														
[1] - 04-May-2020					,									•							
NORTH ISLAND DA																					
Northland										Mo	onday,	04 Ma	y 202	0 NZST							
STATION NAME	FOREST	SCRUB	GRASS	FMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24							
Aupouri Peninsula		1.1	м	53	2	235	0.9	4	0.4	19.8	74	284	28	21.0							
Kaeo	. L.	. L.	1 K.	42	5	155	0.1	8	0.1	19.0	77	280	17	65.2							
Waitangi Forest	1 L	Ц.,	м	53	5	252	1.0	10	0.6	20.2	75	299	29	39.4							
Kaikohe	1 L -	1 L -	1 K. 1	46	1	273	0.3	2	0.1	18.4	77	274	24	15.5							
Hokianga	1 L -	1 L -	1 L -	47	2	371	0.5	3	0.2	17.5	73	284	30	25.2							
Towai	1 L -	1 L -	1 L -	41	3	310	0.1	6	0.0	19.7	75	298	10	31.4							
Opouteke	1 L -	1 L -	1 K. 1	31	2	328	0.0	5	0.0	17.8	81	324	10	22.0							
Mangakahia	1 L -	1 L -	1 K. 1	44	3	377	0.2	5	0.1	19.2	72	321	19	23.3							
Whangarei	1 L -	1 L -	1 K. 1	52	6	402	0.4	11	0.3	19.3	67	303	15	19.8							
Dargaville	1 L -	1 L -	M	56	7	447	1.1	13	8.0	19.5	72	303	25	11.6							
Pouto	1 L -	1 L -	1 C -	15	1	483	0.0	1	0.0	18.6	96	301	26	17.0							
Mahurangi Forest	- L.	1 L	1 C	33	3	362	0.0	5	0.0	16.6	87	325	15	15.1							
Auckland										Mo	onday,	04 Ma	y 202	0 NZST							
STATION NAME	FOREST	SCRUB	GRASS	FMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24							
Great Barrier Island	- L -	1 C -	м	55	3	258	0.7	6	0.3	22.7	69	304	19	17.0							
Mahurangi Forest	- L.	. L	- L -	33	3	362	0.0	5	0.0	16.6	87	325	15	15.1							
Kaipara	- L -	- L -	- C.	33	3	427	0.0	6	0.0	17.5	86	282	28	22.0							
Woodhill				36	2	295	0.0	5	0.0	18.2	82	328	21	21.4							
Clevedon Coast		- L		43	9	463	0.2	18	0.1	19.7	79	331	20	43.8							
Cornwallis Depot				44 45	4	303	0.1	8	0.1	19.8	73	320	12	19.8							
Waharau Patumahoe				45 38	3	365 246	0.1	14 6	0.1	20.5 18.7	73 78	354 341	11 14	44.7 23.5							
Te Akau				50 44	4	103	0.0	7	0.0	17.0	76	331	24	25.5 51.9							
Vaikato				44	-4	105	0.2	,	0.1		onday.			0 NZST							
STATION NAME	FOREST	SCRUB	GRASS	EMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	•	RN24							
Waikawau Bay	- Critish	L		53	8	445	0.7	16	0.5	20.4	68	289	20	25.0							
Whangamata				38	4	247	0.0	7	0.0	19.0	74	299	12	44.4							

• To view other forecast days, click on the drop-down menu at the top of the table and select another day.

ire Weather Syste	m v3.4.810.	D						WOR	KSPACES	CATAI	LOGUE	MY EC	COCONNI	ECT TOOLS SETTINGS HELP	© 💷 F W S	٨	- 5	3
1ap Explorer FEN2	Z - National [Daily 2-D	Day Forecas	t Summ	ary Tabl	е×												
hoose validity date	for forecast	(produc	ed on 03-M	av-202	0 12:00	NZST).												
[1] - 04-May-2020		(p.ease											•					
[1] - 04-May-2020																		
[2] - 05-May-2020																		
STATION NAME	FOREST SCI		ASS FEMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24					
Aupouri Peninsula			M 53	2	235	0.9	4	0.4	19.8	74	284	28	21.0					
Kaeo			L 42	5	155	0.1	8	0.1	19.0	77	280	17	65.2					
Waitangi Forest			M 53	5	252	1.0	10	0.6	20.2	75	299	29	39.4					
Kaikohe			L 46	1	273	0.3	2	0.1	18.4	77	274	24	15.5					
Hokianga	L		L 47	2	371	0.5	3	0.2	17.5	73	284	30	25.2					
Towai	1 C	L I	L 41	3	310	0.1	6	0.0	19.7	75	298	10	31.4					
Opouteke	1 C	L	L 31	2	328	0.0	5	0.0	17.8	81	324	10	22.0					
Mangakahia	1 C 1	L .	L 44	З	377	0.2	5	0.1	19.2	72	321	19	23.3					
Whangarei	1 C 1	L I	L 52	6	402	0.4	11	0.3	19.3	67	303	15	19.8					
Dargaville	14 C	L	M 56	7	447	1.1	13	0.8	19.5	72	303	25	11.6					
Pouto	1 C 1	L I	L 15	1	483	0.0	1	0.0	18.6	96	301	26	17.0					
Mahurangi Forest	1 L -	L .	L 33	3	362	0.0	5	0.0	16.6	87	325	15	15.1	_				
Auckland									Mo	onday,	04 Ma	ay 202	0 NZST					
STATION NAME	FOREST SC	RUB GR	ASS FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24					
Great Barrier Island	- L -	L	M 55	3	258	0.7	6	0.3	22.7	69	304	19	17.0					
Mahurangi Forest			L 33	3	362	0.0	5	0.0	16.6	87	325	15	15.1					
Kaipara			L 33	3	427	0.0	6	0.0	17.5	86	282	28	22.0					
Woodhill		_	L 36	2	295	0.0	5	0.0	18.2	82	328	21	21.4					
Clevedon Coast			L 43	9	463	0.2	18	0.1	19.7	79	331	20	43.8					
Cornwallis Depot		_	L 44	4	303	0.1	8	0.1	19.8	73	320	12	19.8					
Waharau		_	L 45	7	365	0.1	14	0.1	20.5	73	354	11	44.7					
Patumahoe Te Akau		_	L 38	3 4	246 103	0.0 0.2	6 7	0.0 0.1	18.7 17.0	78 76	341 331	14 24	23.5 51.9					
Vaikato			44	4	105	0.2	/	0.1		onday.			0 NZST					
STATION NAME	FOREST SC		ASS FEMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	-	RN24					
Waikawau Bay	I SILET SCI		L 53	8	445	0.7	16	0.5	20.4	68	289	20	25.0					
Whangamata			L 38	4	247	0.0	10	0.0	19.0	74	299	12	44.4					
												·						

Change Date of Fire Service Tables

• To change the date for any Fire Service table, move your mouse to the bottom of a table in the middle and several icons will appear. Click on the calendar icon.

Fire Weather Syste	em v3.4.8	810.0						WOR	KSPACES	CATA	LOGUE	MY E	COCONNE	ECT TOOLS SETTINGS HELP	S FW S	۵	-	>
Map Explorer FEN	Z - Natio	nal Daily	/ 2-Day Fore	ecast Sumi	nary Ta	ble ×												
Choose validity date	e for fore	cast (pro	oduced on 0	3-May-20	20 12:0	0 NZST).												
[1] - 04-May-2020				,		,							•					
NORTH ISLAND DA														•				
Northland									M	onday,	04 M	ay 202	0 NZST					
STATION NAME	FOREST	SCRUB	GRASS FF	MC DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24					
Aupouri Peninsula		1 L .	м	53 2	235	0.9	4	0.4	19.8	74	284	28	21.0					
Kaeo	. L.	. L.	L	42 5	155	0.1	8	0.1	19.0	77	280	17	65.2					
Waitangi Forest	. L.	1 L	м	53 5	252	1.0	10	0.6	20.2	75	299	29	39.4					
Kaikohe	. L.	L.	L.	46 1	273	0.3	2	0.1	18.4	77	274	24	15.5					
Hokianga	1 L	1 L -	L.	47 2	371	0.5	3	0.2	17.5	73	284	30	25.2					
Towai	1 L -	1 L -	1 L -	41 3	310	0.1	6	0.0	19.7	75	298	10	31.4					
Opouteke	1 L -	1 L -	1 L	31 2	328	0.0	5	0.0	17.8	81	324	10	22.0					
Mangakahia	1 L -	1 L -	- L -	44 3	377	0.2	5	0.1	19.2	72	321	19	23.3					
Whangarei	1 L -	1 L -	- L -	52 6	402	0.4	11	0.3	19.3	67	303	15	19.8					
Dargaville	1 L -	1 L -	м	56 7	447	1.1	13	0.8	19.5	72	303	25	11.6					
Pouto	1 L -	1 L -	1 L -	15 1	483	0.0	1	0.0	18.6	96	301	26	17.0					
Mahurangi Forest	1 L -	1 L -	- L -	33 3	362	0.0	5	0.0	16.6	87	325	15	15.1	_				
Auckland									M	onday,	04 M	ay 202	0 NZST					
STATION NAME	FOREST	SCRUB	GRASS FF	MC DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24					
Great Barrier Island	1 L -	1 L -	м	55 3	258	0.7	6	0.3	22.7	69	304	19	17.0					
Mahurangi Forest	1 L -	1 L -	1 L -	33 3	362	0.0	5	0.0	16.6	87	325	15	15.1					
Kaipara	1 L -	1 L -	- L -	33 3	427	0.0	6	0.0	17.5	86	282	28	22.0					
Woodhill	ц.,	- L -		36 2	295	0.0	5	0.0	18.2	82	328	21	21.4					
Clevedon Coast	L.	- L -		43 9	463	0.2	18	0.1	19.7	79	331	20	43.8					
Cornwallis Depot	- L -	- L -		44 4	303	0.1	8	0.1	19.8	73	320	12	19.8					
Waharau	- L	- L -		45 7	365	0.1	14	0.1	20.5	73	354	11	44.7					
Patumahoe	L.	L		38 3	246	0.0	6	0.0	18.7	78	341	14	23.5					
Te Akau	L	L	L	44 4		0.2	7	0.1	17.0	76	331	24	51.9					
Waikato										onday,			0 NZST					
STATION NAME	FOREST	SCRUB	GRASS FF			ISI	BUI	FWI		RH	DIR		RN24					
Waikawau Bay	L.	L.		53 8	445	0.7	16	0.5	20.4	68	289	20	25.0					
Whangamata		L.		38 4		(C)	(₹)	0.0	19.0	74	299	12	44.4	•				
Paeroa	L .		Change	e date ran	ge 403	1.0	15	0.8	20.5	71	330	24	16.6					

• This will display the date selector window.

) Tu	We	Th	Fr	Sa
28	29	30	1	2
				Tu We Th Fr 28 29 30 1

- Select a new date by clicking on a day or using the left and right arrows to change the month or clicking on the month once to change the month and again to change the year, then click OK.
- Change month example
 - o Click on the Month or use the left or right arrows

SELECT A JEW DATE	SELECT A NEW DATE
 May 2020 ▶ Su Mo Tu We Th Fr Sa 26 27 28 29 30 1 2 3 	Image: 2020JanFebMay
ok cancel	ok cancel
SELECT A NEW DATE	SELECT A NEW DATE
May 2020 Su Mo Tu We Th Fr Sa 26 27 28 29 30 1 2 3	Image: Normal system Image: Normal system <t< th=""></t<>
ok cancel	ok cancel

- Change year example
 - o Click on the month, then click again on the year

	SELECT A NEW DATE	SELECT A NEW DATE
 May 2020 ▶ Su Mo Tu We Th Fr Sa 26 27 28 29 30 1 2 3 	Jan Feb Mar Apr May	2020-2029 2019
ok cancel	ok cancel	ok cancel

• Once the new date has been selected, the table will show the values for that date.

ORTH ISLAND DATA	OREST SCF M M H M M M	RUB GRASS E M E M E M E M E M E M			DC 393	ISI	BUI	547			_							
orthland STATION NAME FC Aupouri Peninsula Kaeo Waitangi Forest Kaikohe Hoklanga Towai Opouteke Mangakahia Whangarei Dargaville Pouto	OREST SCF M M H H M M M	RUB GRASS E M E M E M E M E M	FFMC 87 85 89	DMC 44 65	DC 393		BUI											
STATION NAME FC Aupouri Peninsula Kaeo Waitangi Forest Kaikohe Hokianga Opouteke Mangakahia Whangarei Dargaville Pouto	M H H H M	E M E M E M E M	87 85 89	44 65	393		BUI	544		_	-							
Aupouri Peninsula Kaeo Waitangi Forest Kaikohe Hokianga Opouteke Mangakahia Whangarei Dargaville Pouto	M H H H M	E M E M E M E M	87 85 89	44 65	393		BUI	514 2			luesa	av, 14	Januar	v 2020				
Aupouri Peninsula Kaeo Waitangi Forest Kaikohe Hokianga Opouteke Mangakahia Whangarei Dargaville Pouto	M H H H M	E M E M E M E M	87 85 89	44 65	393			FWI	TEMP	RH	DIR		RN24	GC%	STAT			
Kaeo Waitangi Forest Kaikohe Hokianga Towai Opouteke Mangakahia Whangarei Dargaville Pouto	M H M H M	E M E M E M	85 89	65		4.4	69	14.5	23.2	63	078	9	0.0	70	Aut			
Kaikohe Hokianga Towai Opouteke Mangakahia Whangarei Dargaville Pouto	H M H M M	E M		70	366	3.1	90	12.8	21.5	76	325	6	0.0	60	Aut			
Hokianga Towai Opouteke Mangakahia Whangarei Dargaville Pouto	H M M	EM	87	10	343	4.5	93	17.2	23.1	58	052	5	0.0	50	Aut			
Towai Opouteke Mangakahia Whangarei Dargaville Pouto	M			57	354	3.3	81	12.5	21.6	70	110	4	0.0	65	Aut			
Opouteke Mangakahia Whangarei Dargaville Pouto	м		88	65	355	4.3	89	16.4	23.6	63	084	5	0.0	65	Aut			
Mangakahia Whangarei Dargaville Pouto		M N	86	59	276	3.0	76	11.2	21.4	72	093	4	0.0	60	Aut			
Whangarei Dargaville Pouto	M	EM	89	50	266	4.7	68	14.9	22.1	55	-	5	0.0	55	Sub			
Dargaville Pouto		E	88	58	307	3.8	79	13.9	22.7	65	216	5	0.0	60	Aut			
Pouto	н	E	86	68	449	4.4	98	17.6	20.7	69	119	11	0.0	40	Aut			
	н	E H	89	61	368	6.3	86	21.4	23.6	54	205	12	0.0	65	Aut			
Mahurangi Forest	м	EM	83	22	301	3.1	37	7.5	20.3	69	195	12	0.0	65	Aut			
	М	EM	88	37	254	4.3	55	12.4	21.7	61	022	7	0.0	50	Aut			
uckland											Tuesd	ay, 14	Januar	y 2020	D NZDT			
STATION NAME FC	OREST SCR	RUB GRASS	FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT			
Great Barrier Island	L	L L	52	41	369	0.4	64	0.8	17.9	95	141	13	3.0	50	Aut			
Mahurangi Forest	м	EM	88	37	254	4.3	55	12.4	21.7	61	022	7	0.0	50	Aut			
Kaipara	м	E M	86	45	350	3.9	68	13.0	20.0	64	173	10	0.2	50	Aut			
Woodhill		EM	87	43	312	5.4	64	16.2	22.4	56	216	13	0.0	50	Aut			
Clevedon Coast		E M	85	59	426	4.1	88	15.5	19.8	74	062	12	0.0	60	Aut			
Cornwallis Depot		EM	86	31	167	4.3	42	10.7	22.9	72	109	13	0.0	50	Aut			
Waharau		L	56	35	331	0.5	56	0.8	20.4	78	143	8	5.0	60	Aut			
Patumahoe		EM	83	42	251	3.3	59	10.4	17.7	84	094	14	0.5	60	Aut			
Te Akau	М	E M	79	26	192	2.6	39	6.6	16.6	76	123	18	1.0	60	Aut			
aikato													Januar	-	D NZDT			
		RUB GRASS		DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT			
Waikawau Bay		V M	69	45	243	1.4	61	4.7	18.3	82	111	16	2.2	70	Aut			
Whangamata		L L	34	29	309	0.0	47	0.0	13.5	97	096	23	6.2	70	Aut			
Paeroa		L	56	34	303	0.5	53	0.8	18.4	72 74	156	8	5.4	60	Aut			
Waeranga Waihi	M	E M	69	32	308	2.1	51	6.5	17.8		091	25	3.0	60	Aut			

Return to current date for Fire Service Tables

• To return to the current date, move your mouse to the bottom, middle of the table and select the circular arrows icon.

Fire Weather Syste	m v3.4.8	10.0							WOR	KSPACES	CATAI	.OGUE	MY EC	COCONN	IECT T	ools i	SETTINGS HELP	© 🕮 F W S	۵	-	
Map Explorer FEN	Z - Natio	nal Daily	Observ	ed Data	Summ	ary Tab	le X														
NORTH ISLAND DA	TA																				
Northland												Tuesd	av. 14	Januar	v 2020	NZDT	-				
STATION NAME	FOREST	SCRUB	GRASS	FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT					
Aupouri Peninsula	м	E	м	87	44	393	4.4	69	14.5	23.2	63	078	9	0.0	70	Aut					
Kaeo	м	E	м	85	65	366	3.1	90	12.8	21.5	76	325	6	0.0	60	Aut					
Waitangi Forest	н	E	м	89	70	343	4.5	93	17.2	23.1	58	052	5	0.0	50	Aut					
Kaikohe	м	E	м	87	57	354	3.3	81	12.5	21.6	70	110	4	0.0	65	Aut					
Hokianga	н	E	м	88	65	355	4.3	89	16.4	23.6	63	084	5	0.0	65	Aut					
Towai	м	E	м	86	59	276	3.0	76	11.2	21.4	72	093	4	0.0	60	Aut					
Opouteke	м	E	м	89	50	266	4.7	68	14.9	22.1	55	-	5	0.0	55	Sub					
Mangakahia	м	E	м	88	58	307	3.8	79	13.9	22.7	65	216	5	0.0	60	Aut					
Whangarei	н	E	м	86	68	449	4.4	98	17.6	20.7	69	119	11	0.0	40	Aut					
Dargaville	н	E	н	89	61	368	6.3	86	21.4	23.6	54	205	12	0.0	65	Aut					
Pouto	м	E	м	83	22	301	3.1	37	7.5	20.3	69	195	12	0.0	65	Aut					
Mahurangi Forest	м	E	м	88	37	254	4.3	55	12.4	21.7	61	022	7	0.0	50	Aut					
Auckland		l .										Tuesd	ay, 14	Januar	y 2020	NZDT					
STATION NAME	FOREST	SCRUB	GRASS	FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT					
Great Barrier Island	1 L -	1 L -	1 L -	52	41	369	0.4	64	0.8	17.9	95	141	13	3.0	50	Aut					
Mahurangi Forest	м	E	м	88	37	254	4.3	55	12.4	21.7	61	022	7	0.0	50	Aut					
Kaipara	м	E	м	86	45	350	3.9	68	13.0	20.0	64	173	10	0.2	50	Aut					
Woodhill	н	E	м	87	43	312	5.4	64	16.2	22.4	56	216	13	0.0	50	Aut					
Clevedon Coast	м	E	м	85	59	426	4.1	88	15.5	19.8	74	062	12	0.0	60	Aut					
Cornwallis Depot	м	E	м	86	31	167	4.3	42	10.7	22.9	72	109	13	0.0	50	Aut					
Waharau	Ц.,	с. С	1 L -	56	35	331	0.5	56	0.8	20.4	78	143	8	5.0	60	Aut					
Patumahoe	м	E	м	83	42	251	3.3	59	10.4	17.7	84	094	14	0.5	60	Aut					
	M	E	м	79	26	192	2.6	39	6.6	16.6	76	123	18	1.0	60	Aut					
Te Akau	INI						_					Tuesd	ay, 14	Januar	y 2020	NZDT					
Te Akau Vaikato	W							BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT					
		SCRUB	GRASS	FFMC	DMC	DC		BUI	FVVI	LIVIE											
Vaikato		SCRUB V	GRASS	FFMC 69	DMC 45	DC 243		61	4.7	18.3	82	111	16	2.2	70	Aut					
Waikato STATION NAME	FOREST	V	_								82 97	111 096	16 23	2.2 6.2	70 70	Aut Aut					
Waikato STATION NAME Waikawau Bay	FOREST	V L L	M L L	69 34 56	45	243	.5	61	4.7	18.3				6.2 5.4							
Waikato STATION NAME Waikawau Bay Whangamata	FOREST M L	V	M	69 34	45 29	243 305	ة. 2	61 47	4.7 0.0	18.3 13.5	97	096	23	6.2	70	Aut					

• This will display the most current table available.

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ap Explorer FEN.	Z - Nationa	l Daily	Observ	ed Data	Summ	ary Tabl	е×														
IORTH ISLAND DA	TA																•				
orthland												s	unday	, 03 Ma	ay 202	0 NZST					
STATION NAME	FOREST S	CRUB	GRASS	FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT					
Aupouri Peninsula	L.	V	м	64	4	293	2.0	8	1.4	20.1	93	000	27	1.8	65	Aut					
Kaeo	L.,	E	м	69	10	342	2.1	19	3.2	19.5	88	340	25	1.8	60	Aut					
Waitangi Forest	м	E	м	78	11	385	6.1	21	9.6	18.9	94	022	36	0.0	60	Aut					
Kaikohe	1 L -	- L -	1 L -	50	з	318	0.4	5	0.2	18.8	84	345	18	6.8	55	Aut					
Hokianga	1 L -	1 L -	1 L -	34	4	479	0.0	7	0.0	18.8	95	346	19	7.6	60	Aut					
Towai	- L -	V	м	64	7	429	1.3	13	0.9	18.8	85	010	18	2.6	50	Aut					
Opouteke	- L -	1 L -	1 L -	37	5	408	0.0	10	0.0	19.3	92	-	12	7.5	50	Sub					
Mangakahia	1 L -	1 L -	1 L -	24	5	476	0.0	10	0.0	18.8	96	012	21	18.8	50	Aut					
Whangarei	1 L -	v	м	75	12	489	1.7	22	2.9	19.8	83	358	17	1.4	55	Aut					
Dargaville	1 L -	V	м	71	13	497	1.4	24	2.2	18.9	89	000	15	1.4	75	Aut					
Pouto	1 L -	1 L -	1 L -	40	2	574	0.1	5	0.0	17.7	100	021	15	3.0	80	Aut					
Mahurangi Forest	- L -	v	1 L -	63	6	418	1.4	11	0.9	17.3	98	014	21	1.5	20	Aut	_				
uckland													undav	02.84							
												-	unday	, 0 5 iwi	ay 202	0 NZST					
STATION NAME	FOREST S	CRUB	GRASS	FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT					
STATION NAME Great Barrier Island	FOREST S	CRUB	GRASS M	FFMC 55	DMC 6	DC 305	ISI 1.0	BUI 11	FWI 0.6	TEMP 20.0	RH 84				-						
		CRUB L V	_									DIR	WSP	RN24	GC%	STAT	I				
Great Barrier Island		L V L	M L L	55 63 38	6 6 7	305 418 534	1.0 1.4 0.1	11 11 13	0.6 0.9 0.1	20.0 17.3 16.7	84 98 99	DIR 004	WSP 24 21 22	RN24 6.0 1.5 3.8	GC% 80	STAT Aut	I				
Great Barrier Island Mahurangi Forest Kaipara Woodhill	L L L	L V L	M L L	55 63 38 35	6 6 7 5	305 418 534 366	1.0 1.4 0.1 0.0	11 11 13 11	0.6 0.9 0.1 0.0	20.0 17.3 16.7 17.4	84 98 99 98	DIR 004 014 - 044	WSP 24 21 22 24	RN24 6.0 1.5 3.8 5.0	GC% 80 20 20 20	STAT Aut Aut Sub Aut	I				
Great Barrier Island Mahurangi Forest Kaipara Woodhill Clevedon Coast	L L L M	L V L L	M L L L	55 63 38 35 64	6 6 7 5 26	305 418 534 366 773	1.0 1.4 0.1 0.0 2.1	11 11 13 11 47	0.6 0.9 0.1 0.0 6.0	20.0 17.3 16.7 17.4 18.2	84 98 99 98 92	DIR 004 014 - 044 028	WSP 24 21 22 24 28	RN24 6.0 1.5 3.8 5.0 2.2	GC% 80 20 20 20 30	STAT Aut Aut Sub Aut Aut	I				
Great Barrier Island Mahurangi Forest Kaipara Woodhill Clevedon Coast Cornwallis Depot	L L L M	L V L V	М L L L L	55 63 38 35 64 51	6 7 5 26 9	305 418 534 366 773 369	1.0 1.4 0.1 2.1 0.3	11 11 13 11 47 16	0.6 0.9 0.1 0.0 6.0 0.3	20.0 17.3 16.7 17.4 18.2 17.9	84 98 99 98 92 94	DIR 004 014 044 028 051	WSP 24 21 22 24 28 10	RN24 6.0 1.5 3.8 5.0 2.2 3.0	GC% 80 20 20 20 30 20	STAT Aut Aut Sub Aut Aut Aut	I				
Great Barrier Island Mahurangi Forest Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau	L L L M L	L V L V L	M L L L	55 63 38 35 64 51 75	6 7 5 26 9 17	305 418 534 366 773 369 590	1.0 1.4 0.1 0.0 2.1 0.3 1.4	11 11 13 11 47 16 32	0.6 0.9 0.1 0.0 6.0 0.3 2.8	20.0 17.3 16.7 17.4 18.2 17.9 21.0	84 98 99 98 92 94 78	DIR 004 014 044 028 051 005	WSP 24 21 22 24 28 10 11	RN24 6.0 1.5 3.8 5.0 2.2 3.0 1.5	GC% 80 20 20 20 30 20 30 30 30	STAT Aut Aut Sub Aut Aut Aut	I				
Great Barrier Island Mahurangi Forest Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau Patumahoe	L L L L L L	L V L V L V	M L L L L	55 63 38 35 64 51 75 44	6 7 5 26 9 17 6	305 418 534 366 773 369 590 315	1.0 1.4 0.1 2.1 0.3 1.4 0.2	11 11 13 11 47 16 32 12	0.6 0.9 0.1 0.0 6.0 0.3 2.8 0.1	20.0 17.3 16.7 17.4 18.2 17.9 21.0 18.3	84 98 99 98 92 94 78 92	DIR 004 014 044 028 051 005 018	WSP 24 21 22 24 28 10 11 19	RN24 6.0 1.5 3.8 5.0 2.2 3.0 1.5 5.5	GC% 80 20 20 30 20 30 30 30	STAT Aut Aut Sub Aut Aut Aut Aut	I				
Great Barrier Island Mahurangi Forest Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau Patumahoe Te Akau	L L L M L	L V L V L	M L L L	55 63 38 35 64 51 75	6 7 5 26 9 17	305 418 534 366 773 369 590	1.0 1.4 0.1 0.0 2.1 0.3 1.4	11 11 13 11 47 16 32	0.6 0.9 0.1 0.0 6.0 0.3 2.8	20.0 17.3 16.7 17.4 18.2 17.9 21.0	84 98 99 98 92 94 78	DIR 004 014 - 044 028 051 005 018 355	WSP 24 21 22 24 28 10 11 19 28	RN24 6.0 1.5 3.8 5.0 2.2 3.0 1.5 5.5 2.6	GC% 80 20 20 30 20 30 30 30	STAT Aut Aut Sub Aut Aut Aut Aut Aut Aut					
Great Barrier Island Mahurangi Forest Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau Patumahoe Te Akau Yaikato		L V L V L V L E	M L L L L L L L	55 63 38 35 64 51 75 44 64	6 7 5 26 9 17 6 9	305 418 534 366 773 369 590 315 223	1.0 1.4 0.1 0.0 2.1 0.3 1.4 0.2 2.2	11 11 13 11 47 16 32 12 16	0.6 0.9 0.1 0.0 6.0 0.3 2.8 0.1 2.8	20.0 17.3 16.7 17.4 18.2 17.9 21.0 18.3 17.4	84 98 99 98 92 94 78 92 87	DIR 004 014 044 028 051 005 018 355	WSP 24 21 22 24 28 10 11 19 28 unday	RN24 6.0 1.5 3.8 5.0 2.2 3.0 1.5 5.5 2.6 , 03 Ma	GC% 80 20 20 30 20 30 30 30 40 40	STAT Aut Aut Sub Aut Aut Aut Aut Aut Aut O NZST	1				
Great Barrier Island Mahurangi Forest Kaipara Woodhill Clevedon Coast Comwallis Depot Comwallis Depot Waharau Patumahoe Te Akau talitato STATION NARE	L L L L L L	L L L V L L L E	M L L L L L L L	55 63 38 64 51 75 44 64 FFMC	6 7 5 26 9 17 6 9 20 0 7 0 7	305 418 534 366 773 369 590 315 223	1.0 1.4 0.1 0.0 2.1 0.3 1.4 0.2 2.2 ISI	11 11 13 11 47 16 32 12 16 BUI	0.6 0.9 0.1 0.0 0.3 2.8 0.1 2.8 7.8	20.0 17.3 16.7 17.4 18.2 17.9 21.0 18.3 17.4 TEMP	84 98 99 98 92 94 78 92 87	DIR 004 014 028 051 005 018 355 S	WSP 24 21 22 24 28 10 11 19 28 unday WSP	RN24 6.0 1.5 3.8 5.0 2.2 3.0 1.5 5.5 2.6 , 03 Mit RN24	GC% 80 20 20 30 20 30 30 40 40 19 202	STAT Aut Aut Sub Aut Aut Aut Aut Aut Aut STAT	1				
Great Barrier Island Mahurangi Forest Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau Patumahoe Patumahoe Ta Kaau Fatkaato STATION NAME Waikawau Bay	L L L L L L L FOREST S	L L L L L L L L L L L L L L L L L L L	M L L L L L L L M GRASS	55 63 38 35 64 51 75 44 64 FFMC	6 7 5 26 9 17 6 9 0 MC 18	305 418 534 366 773 369 590 315 223 223 DC 577	1.0 1.4 0.1 0.0 2.1 0.3 1.4 0.2 2.2 ISI 1.0	11 11 13 11 47 16 32 12 16 BUI 33	0.6 0.9 0.1 0.0 0.3 2.8 0.1 2.8 FWI 1.9	20.0 17.3 16.7 17.4 18.2 17.9 21.0 18.3 17.4 TEMP 20.3	84 98 99 98 92 94 78 92 87 87 RH	DIR 004 014 028 051 005 018 355 S DIR 340	WSP 24 21 22 24 28 10 11 19 28 unday WSP 15	RN24 6.0 1.5 3.8 5.0 2.2 3.0 1.5 5.5 2.6 , 03 Mi RN24 4.2	GC% 80 20 20 30 20 30 30 30 40 40 9 202 8 40	STAT Aut Aut Sub Aut Aut Aut Aut Aut STAT Aut	1				
Great Barrier Island Mahurangi Forest Kaipara Woodhil Clevedon Coast Cornwalis Depot Waharau Patumahoe Te Akau Hatumahoe StoTION NAME Walkawau Bay Whangamata	L L L L L L L FOREST S	L V L V L V L E SCRUB SCRUB	M L L L L L L M GRASS	55 63 38 64 51 75 44 64 FFMC 62 37	6 7 5 26 9 17 6 9 DMC 18 8	305 418 534 366 773 369 590 315 223 223 DC 577 400	1.0 1.4 0.1 0.3 1.4 0.2 2.2 ISI 1.0 0.0	11 11 13 11 47 16 32 12 16 BUI 33 15	0.6 0.9 0.1 0.0 0.3 2.8 0.1 2.8 FWI 1.9 0.0	20.0 17.3 16.7 17.4 18.2 17.9 21.0 18.3 17.4 TEMP 20.3 17.6	84 98 99 94 78 92 87 87 RH 77 85	DIR 004 014 028 051 005 018 355 S DIR 340 128	WSP 24 21 22 24 28 10 11 19 28 Unday WSP 15 6	RN24 6.0 1.5 3.8 5.0 2.2 3.0 1.5 5.5 2.6 , 03 Mi RN24 4.2 11.4	GC% 80 20 20 30 20 30 30 40 40 40 40 40	STAT Aut Aut Sub Aut Aut Aut Aut Aut ONZST STAT Aut Aut					
Great Barrier Island Mahurangi Forest Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau Patumahoe Patumahoe Ta Kaau Fatkaato STATION NAME Waikawau Bay	L L L L L L L FOREST S	L L L L L L L L L L L L L L L L L L L	M L L L L L L L M GRASS	55 63 38 35 64 51 75 44 64 FFMC	6 7 5 26 9 17 6 9 0 MC 18	305 418 534 366 773 369 590 315 223 223 DC 577	1.0 1.4 0.1 0.0 2.1 0.3 1.4 0.2 2.2 ISI 1.0	11 11 13 11 47 16 32 12 16 BUI 33	0.6 0.9 0.1 0.0 0.3 2.8 0.1 2.8 FWI 1.9	20.0 17.3 16.7 17.4 18.2 17.9 21.0 18.3 17.4 TEMP 20.3	84 98 99 98 92 94 78 92 87 87 RH	DIR 004 014 028 051 005 018 355 S DIR 340	WSP 24 21 22 24 28 10 11 19 28 unday WSP 15	RN24 6.0 1.5 3.8 5.0 2.2 3.0 1.5 5.5 2.6 , 03 Mi RN24 4.2	GC% 80 20 20 30 20 30 30 30 40 40 9 202 8 40	STAT Aut Aut Sub Aut Aut Aut Aut Aut STAT Aut	I				

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ire Weather Syste	m v3.4.810.0							WOR	KSPACES	CATAI	LOGUE	MY EC	COCONN	IECT T	ools s	ETTINGS	HELP	Section 2015	۵	-	
/ap Explorer FEN2	Z - National D	aily Obse	rved Dat	a Summ	ary Tab	le X															
NORTH ISLAND DA	ТА																				
Northland											s	undav	, 03 Ma	av 202	0 NZST						
STATION NAME	FOREST SCR	UB GRAS	S FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT						
Aupouri Peninsula			64	4	293	2.0	8	1.4	20.1	93	000	27	1.8	65	Aut						
Kaeo		M	69	10	342	2.1	19	3.2	19.5	88	340	25	1.8	60	Aut						
Waitangi Forest	M	м	78	11	385	6.1	21	9.6	18.9	94	022	36	0.0	60	Aut						
Kaikohe	- L - L		50	3	318	0.4	5	0.2	18.8	84	345	18	6.8	55	Aut						
Hokianga	L 1	. L	34	4	479	0.0	7	0.0	18.8	95	346	19	7.6	60	Aut						
Towai	L	/ M	64	7	429	1.3	13	0.9	18.8	85	010	18	2.6	50	Aut						
Opouteke	- L L	. L	37	5	408	0.0	10	0.0	19.3	92	-	12	7.5	50	Sub						
Mangakahia	- L L	. L	24	5	476	0.0	10	0.0	18.8	96	012	21	18.8	50	Aut						
Whangarei	L	/ M	75	12	489	1.7	22	2.9	19.8	83	358	17	1.4	55	Aut						
Dargaville	L	/ M	71	13	497	1.4	24	2.2	18.9	89	000	15	1.4	75	Aut						
Pouto	L 1	. L	40	2	574	0.1	5	0.0	17.7	100	021	15	3.0	80	Aut						
Mahurangi Forest	L	/ L	63	6	418	1.4	11	0.9	17.3	98	014	21	1.5	20	Aut						
Auckland											S	unday	, 03 Ma	ay 202	0 NZST						
STATION NAME	FOREST SCR	UB GRAS	S FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT						
Great Barrier Island	- L - L	. М	55	6	305	1.0	11	0.6	20.0	84	004	24	6.0	80	Aut						
		_																			
Mahurangi Forest	L .	_	63	6	418	1.4	11	0.9	17.3	98	014	21	1.5	20	Aut						
Kaipara	L 1		38	7	534	0.1	13	0.1	16.7	99	-	22	3.8	20	Sub						
Kaipara Woodhill	L I	L	38 35	7 5	534 366	0.1 0.0	13 11	0.1 0.0	16.7 17.4	99 98	- 044	22 24	3.8 5.0	20 20	Sub Aut						
Kaipara Woodhill Clevedon Coast		. L . L	38 35 64	7 5 26	534 366 773	0.1 0.0 2.1	13 11 47	0.1 0.0 6.0	16.7 17.4 18.2	99 98 92	- 044 028	22 24 28	3.8 5.0 2.2	20 20 30	Sub Aut Aut						
Kaipara Woodhill Clevedon Coast Cornwallis Depot		. L . L	38 35 64 51	7 5 26 9	534 366 773 369	0.1 0.0 2.1 0.3	13 11 47 16	0.1 0.0 6.0 0.3	16.7 17.4 18.2 17.9	99 98 92 94	- 044 028 051	22 24 28 10	3.8 5.0 2.2 3.0	20 20 30 20	Sub Aut Aut Aut						
Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau			38 35 64 51 75	7 5 26 9 17	534 366 773 369 590	0.1 0.0 2.1 0.3 1.4	13 11 47 16 32	0.1 0.0 6.0 0.3 2.8	16.7 17.4 18.2 17.9 21.0	99 98 92 94 78	- 044 028 051 005	22 24 28 10 11	3.8 5.0 2.2 3.0 1.5	20 20 30 20 30	Sub Aut Aut Aut Aut						
Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau Patumahoe			38 35 64 51 75 44	7 5 26 9 17 6	534 366 773 369 590 315	0.1 0.0 2.1 0.3 1.4 0.2	13 11 47 16 32 12	0.1 0.0 6.0 0.3 2.8 0.1	16.7 17.4 18.2 17.9 21.0 18.3	99 98 92 94 78 92	- 044 028 051 005 018	22 24 28 10 11	3.8 5.0 2.2 3.0 1.5 5.5	20 20 30 20 30 30	Sub Aut Aut Aut Aut Aut						
Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau Patumahoe Te Akau			38 35 64 51 75 44	7 5 26 9 17	534 366 773 369 590	0.1 0.0 2.1 0.3 1.4	13 11 47 16 32	0.1 0.0 6.0 0.3 2.8	16.7 17.4 18.2 17.9 21.0	99 98 92 94 78	- 044 028 051 005 018 355	22 24 28 10 11 19 28	3.8 5.0 2.2 3.0 1.5 5.5 2.6	20 20 30 20 30 30 40	Sub Aut Aut Aut Aut Aut						
Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau Patumahoe Te Akau Waikato			38 35 64 51 75 44 64	7 5 9 17 6 9	534 366 773 369 590 315 223	0.1 0.0 2.1 0.3 1.4 0.2 2.2	13 11 47 16 32 12	0.1 0.0 6.0 0.3 2.8 0.1 2.8	16.7 17.4 18.2 17.9 21.0 18.3 17.4	99 98 92 94 78 92 87	- 044 028 051 005 018 355 S	22 24 28 10 11 19 28 unday	3.8 5.0 2.2 3.0 1.5 5.5 2.6 , 03 Ma	20 20 30 20 30 30 40 40	Sub Aut Aut Aut Aut Aut Aut O N2ST						
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Kaipara Woodhill Clevedon Coast Cornwallis Depot Waharau Patumahoe Te Akau Waikato STATION NAME Waikawau Bay Whangamata	L I I I I I I I I I I I I I I I I I I I	L L L L L L L L L L L L L L L L L L L	38 35 64 51 75 44 64 5 FFMC 62 37	7 5 26 9 17 6 9 DMC 18 8	534 366 773 369 590 315 223 223 DC 577 400	0.1 0.0 2.1 0.3 1.4 0.2 2.2 ISI 1.0 0.0	13 11 47 16 32 12	0.1 0.0 0.3 2.8 0.1 2.8 FWI 1.9 0.0	16.7 17.4 18.2 17.9 21.0 18.3 17.4 TEMP 20.3 17.6	99 98 92 94 78 92 87 87 RH 77 85	- 044 028 051 005 018 355 S DIR 340 128	22 24 28 10 11 19 28 unday WSP 15 6	3.8 5.0 2.2 3.0 1.5 5.5 2.6 , 03 Ma RN24 4.2 11.4	20 20 30 30 30 40 ay 202 GC% 40	Sub Aut Aut Aut Aut Aut Aut STAT Aut						
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• This will display the Export Data window.

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Export table	data to a spreadsheet:
File name:	C:\Users\mivilleb\Documents\EcoConnectExport.xls
	(₤) export now
	close

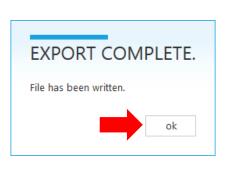
• Select a folder and file name by clicking on the Folder icon. Select a folder and enter a file name and click on the Save button.

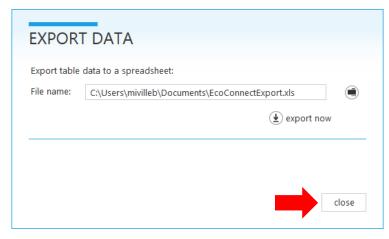
Save As		× .
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Organize 🔻 New folder		∄≕ ▾ 🔞
🜟 Favorites	Documents library	Arrange by: Folder 🔻
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Libraries Documents	My Received Files	26/08/2016 4:14 p.m.
My Documents	FWSYS	26/08/2016 9:54 a.m.
Public Documents	🔋 🔉 ws	24/08/2016 6:59 p.m.
Music	CliDEsc_GIT	24/08/2016 10:08 a.m.
Pictures	\mu FJ	21/08/2016 8:12 a.m.
Subversion	🕌 New folder (3)	16/08/2016 11:39 a.m.
Videos	📕 SB	12/08/2016 4:36 p.m.
Remard Miville	DOC_Mountain	10/08/2016 10:00 p.m.
P Computer	FSTest02	10/08/2016 5:17 p.m.
Local Disk (C:)	FSTest01	10/08/2016 3:16 p.m.
mivilleb (\\niwa.local\users\wellington) (H:)	▼ (- F
File name: EcoConnectExport.xls		•
Save as type: Excel spreadsheets (.xls) (*.xls)		
Hide Folders		Save Cancel

• Go again to the Export Data window and click on the "export now" icon.

EXPOR	T DATA	
Export table	data to a spreadsheet:	
File name:	C:\Users\mivilleb\Documents\EcoConnectExport.xls	
	(♥) export now	
	close	е

• This will bring the Export Complete window, click the OK button, then click the close button on the Export Data window.



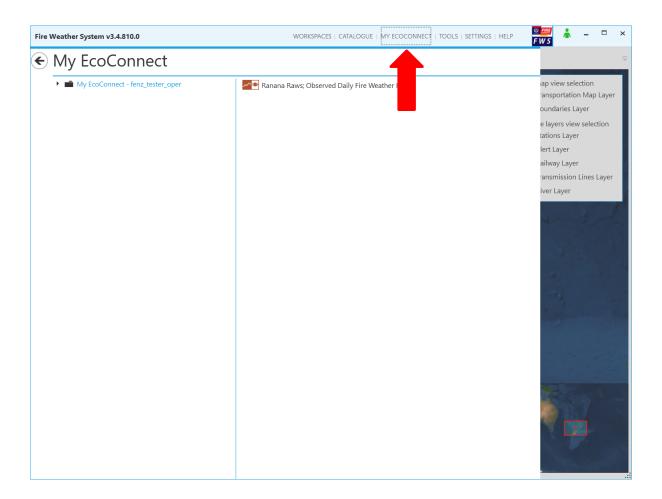


My EcoConnect

Summary

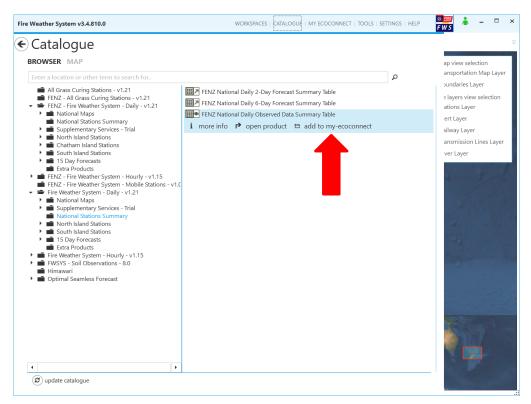
My EcoConnect allows a user to setup their own catalogue (a structured list of their favourite products). Desired products are added by clicking the "add to my-ecoconnect" option that appears on product selection using the Map/Browser/Search results. New folders/sub-folders can be added, and products dragged between/into them.

My EcoConnect can be accessed by clicking on the "MY ECOCONNECT" tab located on the top panel.

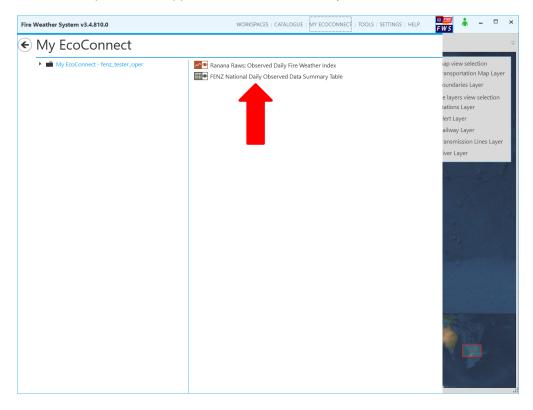


Adding Products

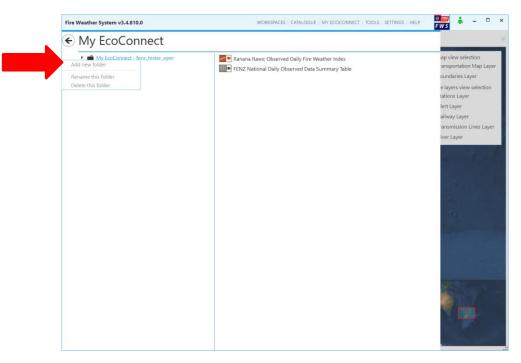
• To add a product in "My EcoConnect", select a product via the Map/Browser/Search or Catalogue utilities, click "add to my-ecoconnect".



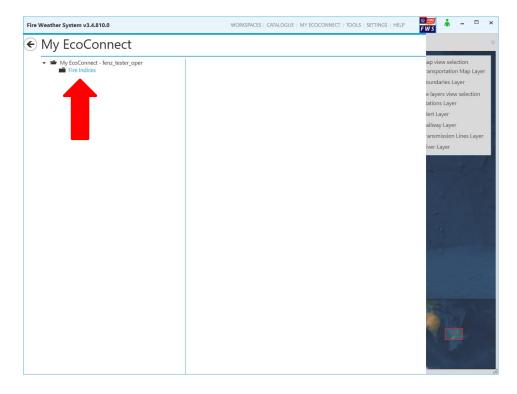
• The selected product will appear in the root folder of My EcoConnect.



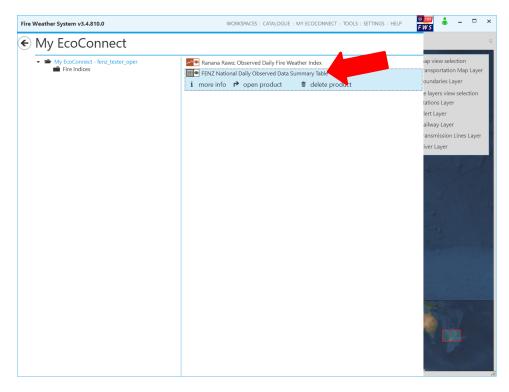
• New folders can be added by right clicking on any existing folder in My EcoConnect and select the "Add new folder" option.

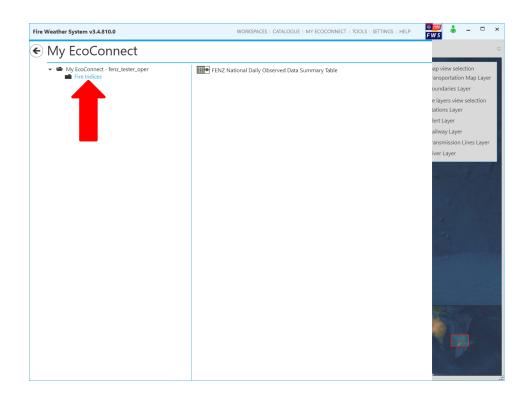


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	Fire Indices			

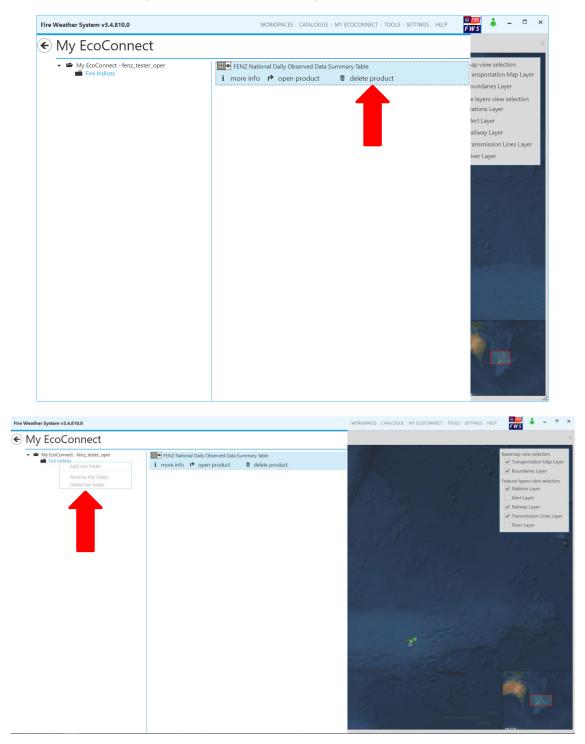


• These created folders can be dragged into other folders and products dragged from the right product list panel into any folder. Click on the root folder and click-hold-drag the newly added product from the right panel into the newly added folder in the left panel.





• To delete a folder or product in My EcoConnect just right click on the them and select the "delete Product" option or "Delete this folder" option.

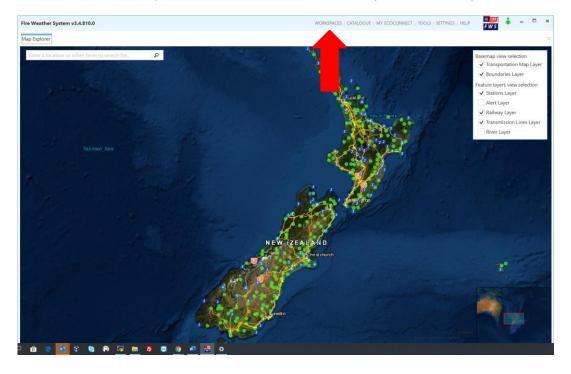


Workspace management

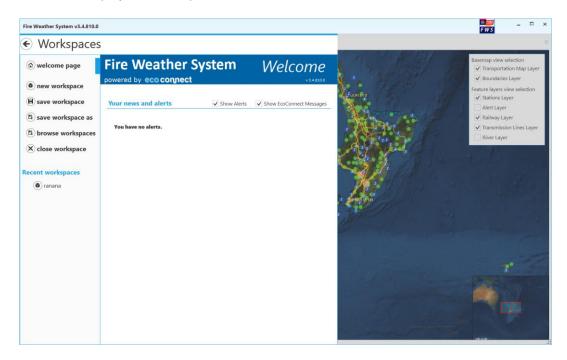
Summary

The workspaces allow a user to configure several products and their location on the screen and save that configuration for later use.

• To access the workspaces, click on the WORKSPACES option form the top bar menu.

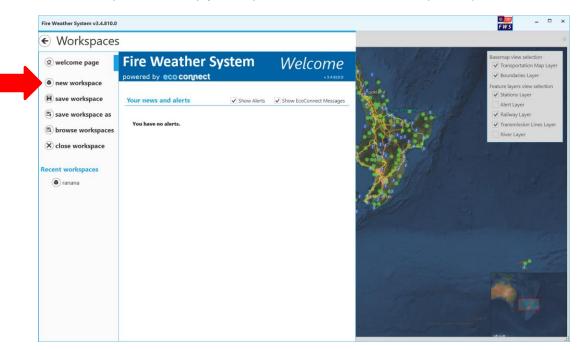


• This will display the Workspaces interface.

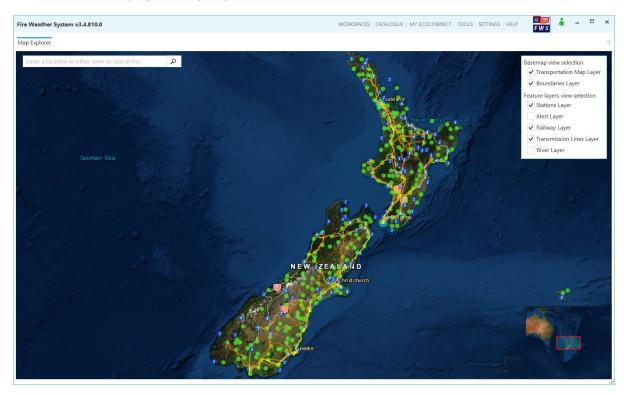


Creating a new workspace

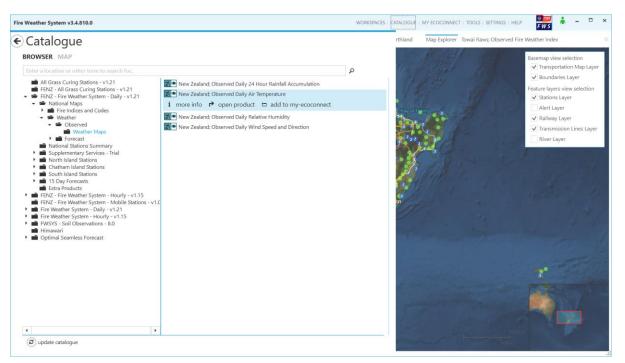
• To open a new empty workspace, click on the "new workspace" option.



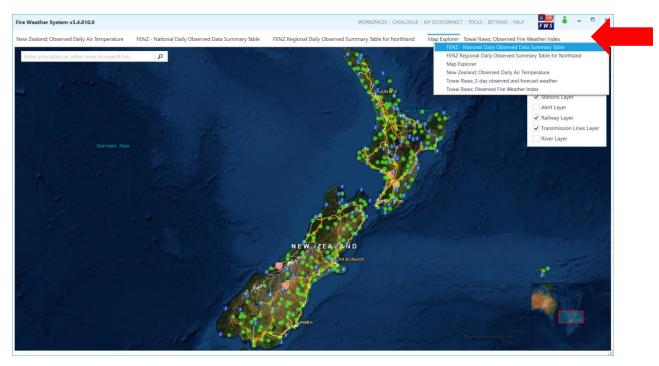
• This will display the Map Explorer.



• To add products to your empty Workspace, you need to access the Catalogue or for a single site only you can do it from the Map Explorer.



• If you have 4 products open, you will have 4 tabs on top, like this example. You can also access the products you have open from the dropdown menu at the extreme right.



• To place a product in a specific location within the view panel, click on the tab of the product you want to place, hold and start dragging. A location selector will appear in the middle, while continuing holding bring the mouse pointer to one of the choices.

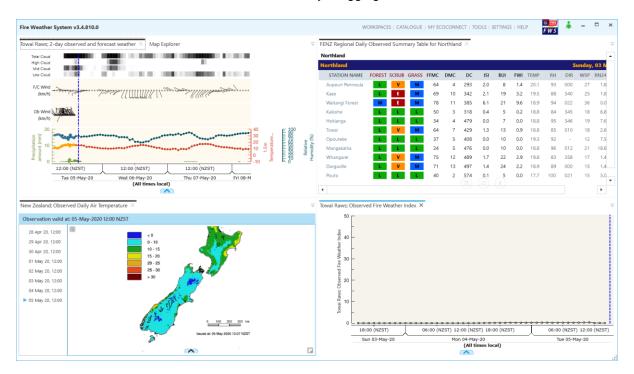
New Zealand; Observed Daily Air Temperature	X D*
	Temperature (°C) Daily Observed Vaid at: 05 May 2020 12:00 NZST Image: Construction of the second se
	0 10 200 100 km baued at: 05 May 2020 12:37 NZST

- While still holding the left mouse button down over the title of the product, move your mouse over the top locator of the middle cluster.
- When highlighted, release the mouse button while continuing holding bring the mouse pointer to one of the choices.

Fire Weather System v3.4.810.0		WORKSPACES CATALOGUE MY ECOCONNECT TOO	DLS SETTINGS HELP
Towai Raws; 2-day observed and forecast weather × FENZ Regio	onal Daily Observed Summary Table for Northland Map Explo	orer Towai Raws; Observed Fire Weather Index FENZ - Natio	nal Daily Observed Data Summary Table
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Tue 05-May-20	Wed 06-May-20 (All times local)	Thu 07-May-20	Fri 08-May-20
New Zealand; Observed Daily Air Temperature $ imes$			-
Observation valid at: 05-May-2020 12:00 NZST			
29 Apr 20, 12:00 30 Apr 20, 12:00 30 Apr 20, 12:00	< 0 0 - 10 10 - 15 15 - 20		
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04 May 20, 12:00			
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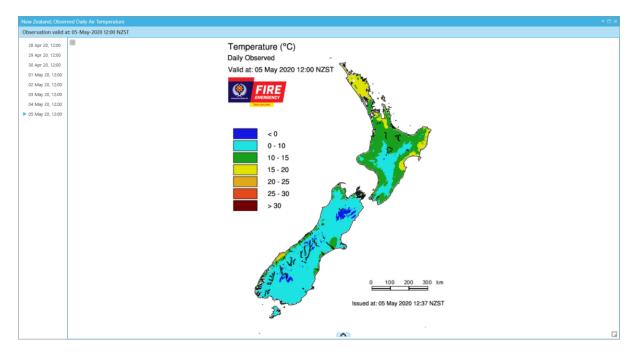
• By doing the same for the remaining windows, you can see the 4 products all at once.

• The window locator becomes visible while you move your mouse over an existing window. If no other windows are available and it is the first one you are placing, the locator will appear in the middle of the Product Viewer panel



• You can also have a stand-alone window by dragging it outside the client software.

• Stand alone window



• Once you have setup the products you want in this workspace and at the location you want, click on the Workspace option from the top menu. You will see the Workspace options.

Fire Weather System v3.4.810.0														© ==== F W S		- "	
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🕼 welcome page	Fire Weather S	System	Welcome					_		_		_				ıday, (_
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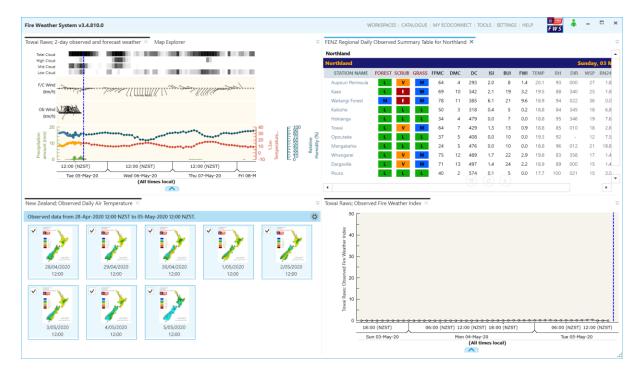
- Select the "save workspace" option
- Enter a name and click on save

Fire Weather System v3.4.810.0													© === F W S		-	□ ×
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🛱 save workspace as				L	L	34 64	4	479 429	0.4	7	0.2	18.8 18.8	95 85	345 346 010	10 19 18	0.0 7.6 2.6
(E) browse workspaces				L	L	37	5	429 408 476	0.0	10	0.9	19.3 18.8	92 96	- 012	10	7.5
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• By clicking on Workspace option form the top menu and selecting open workspace, you should now see your newly saved workspace.

Weather System v3.4.810.)													© 💷 F W S		-	
Workspace	S		nal Daily	Observe	ed Sumn	nary Tab	le for No	orthland	×								
welcome page															Su	nday,	03 N
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	open	1 delete		- L	E	M	69 78	10 11	342 385	2.1 6.1	19 21	3.2 9.6	19.5 18.9	88 94	340 022	25 36	1.8
save workspace			prest	M L	E	M L	50	3	318	0.4	5	0.2	18.8	94 84	345	30 18	6.8
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- Click on close workspace, this will close the currently opened workspace and show you an empty panel
- Click again on the Workspace option from the top menu and select open workspace
- Click on the newly saved workspace, this should reopen all the products as saved previously.

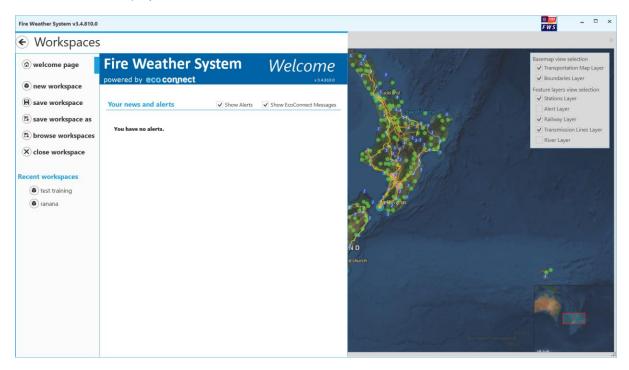


Save workspace

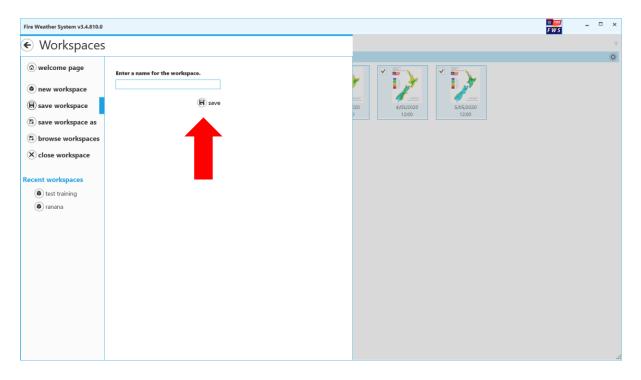


• From the top bar, select the WORKSPACES option.

• This will display the WORKSPACES interface.



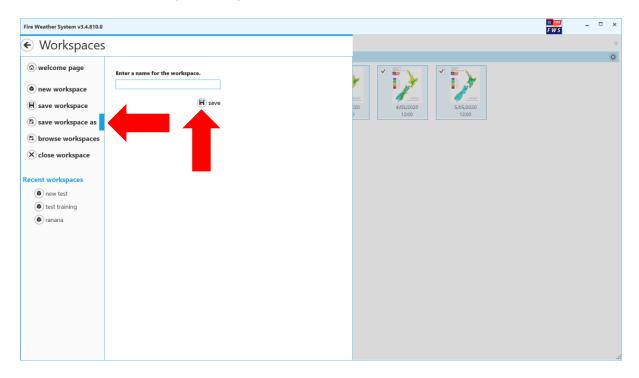
- If you have some products opened and you did not have a workspace opened, it will ask you to give a new name to the workspace.
- If you already had a workspace opened, it will just save that current workspace under the same name.



• Just click on the save icon.

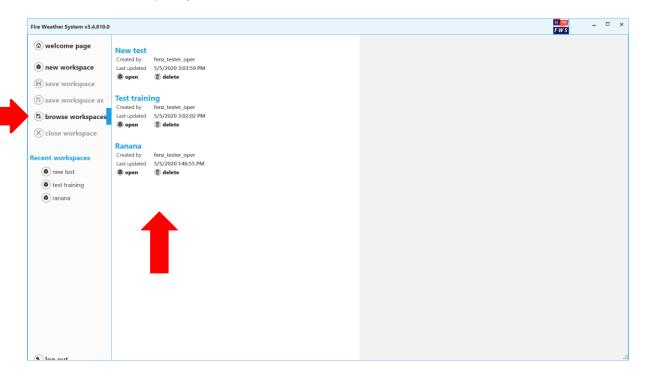
Save workspace as

• If you already have a workspace opened and you want to save it under a different name, click in the "save workspace as" option. Enter a name in the text box and click on save icon.

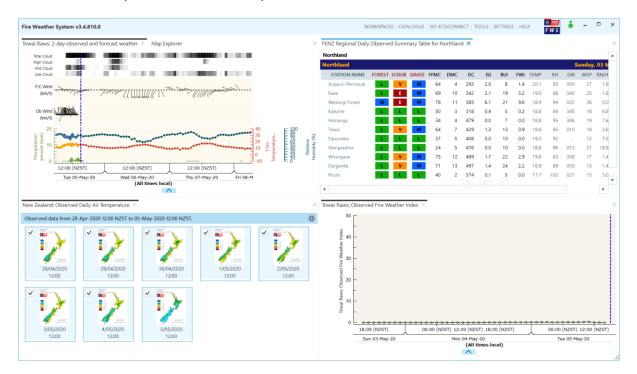


Open workspace

• To open a saved workspace, select the "browse workspaces" option and click on open icon for the Workspace you need.



• This will open the selected workspace.

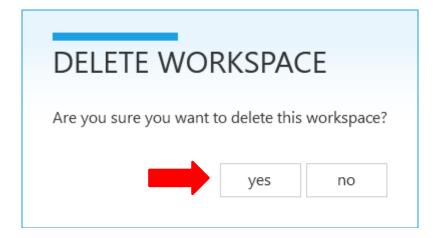


Delete workspace

• To delete a saved workspace, select the "browse workspaces" option and click on the delete icon for the Workspace you want to remove.

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save workspace	ø open	① delete	prest	ME	м	78	11	385	6.1	21	9.6	18.9	94	022	36	
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ecent workspaces	Created by	fenz_tester_oper		1 L	Т.,	40	2	574	0.1	5	0.0	17.7	100	021	15	
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						(142				1.000	.,	<u> </u>				1
			Sur	1 03-May-20			Mon	04-May-	20				Tu	e 05-May	-20	

• This will ask you to confirm that you want to delete the workspace, click yes to delete.



Tools

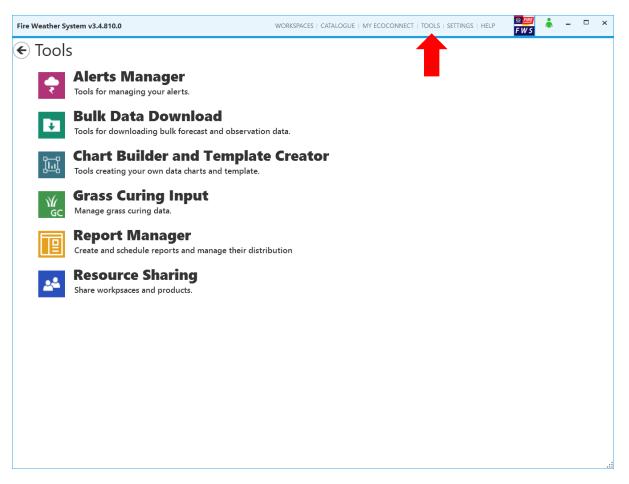
Summary

The new version of the FWSYS has several tools available to the users:

- Alerts Manager
- Bulk Data Download
- Chart Builder and Template Creator
- Grass Curing
- Report Manager
- Resource Sharing

These tools are described in the following sections.

To access the Tools, click on the TOOLS option in the top menu:



Alerts Manager

Summary

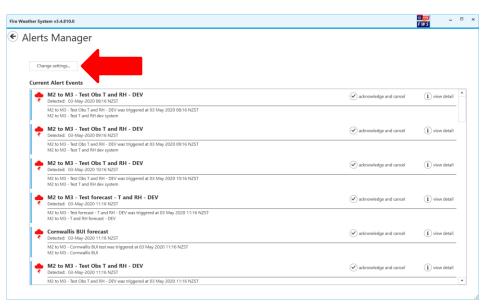
The alerts manager allows a user to set and view alerts that have been saved before. The alerts can be used to send an email or SMS when a specific trigger is met (e.g. Temperature above 30C and Relative Humidity less 25%). Alerts can be setup for both observed and forecast site data.

• From the TOOLS option, click on the Alerts Manager icon.

	Alerts Manager
र	Tools for managing your alerts.
	Bulk Data Download Tools for downloading bulk forecast and observation data.
Juj	Chart Builder and Template Creator Tools creating your own data charts and template.
₩ GC	Grass Curing Input Manage grass curing data.
	Report Manager Create and schedule reports and manage their distribution
4 4	Resource Sharing Share workpraces and products.

Setting Alerts

• This displays the "Alerts Manager" interface showing any active alerts, now click the "Change settings..." button.



• This displays an interface showing existing alerts you may have created before, which can be modified, and also a way to add new alerts. Click on the "Add new alert..." button.

re Weather System v3.4.810.0	<u>◎</u> <u>—</u> □ <i>FWS</i>	×
Alerts Manager		
Here you can set up and manage your alerts.	(X) close settings	
M2 to M3 - Rain Aupouri	(t) delete (b) copy (r) modify	
1 condition, 2 recipients.	This alert is enabled.	
M2 to M3 - Clyde T and RH	(1) delete (b) copy () modify	
2 conditions. 2 recipients.	This alert is enabled.	
M2 to M3 - Cornwallis BUI test	🔳 delete 🗈 copy 🖉 modify	
1 condition. 2 recipients.	This alert is enabled.	
M2 to M3 - Cornwallis BUI test actual	(delete Co copy modify	
1 condition. 2 recipients.	This alert is enabled.	
M2 to M3 - Cornwallis Temp	Add new alert.	

• From the resultant alert definition editor and in the "NAME AND DESCRIPTION" section you can enter a name and description for the new alert and make the alert active with the "Enable this alert" check-box.

€ Alerts Manager			
Edit alert definition			😠 save and close
NAME AND DESCRIPTION WHAT TO WATCH	Name and D Provide a name	Description and description for this alert.	
WHO TO NOTIFY	Alert Name	Test Training	
ADVANCED SETTINGS	Description	Test Training	
		C Enable this alert	

• The next section "WHAT TO WATCH" gives you the ability to add conditions and set the rules on which conditions, when satisfied, trigger the alert. Click on "Add new condition...".

Fire Weather System v3.4.810.0	
€ Alerts Manager	
Edit alert definition	(R) save and close (X) cancel
NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY ADVANCED SETTINGS	What To Watch On this page, choose which observations and/or forecasts to monitor. You can also specify whether to trigger an alert only when all conditions are true or when any condition is true.
	Conditions for this alert:
	Add new condition
	Trigger this alert when ALL conditions are true

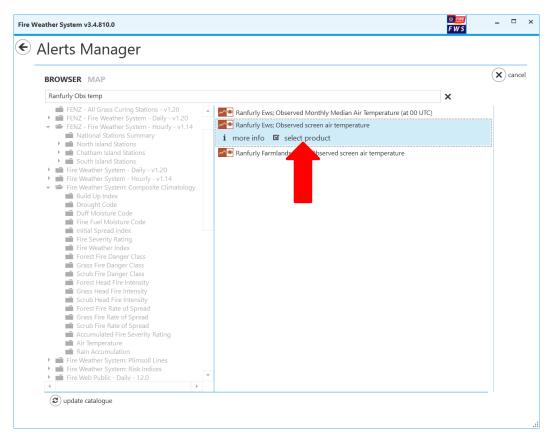
• The now shown "Edit condition" page allows you to choose a name, description, product, and trigger-level/threshold on which the new/existing condition will be satisfied. You can enter a "Condition Name" and "Description" in the text box and then click on the next icon.

Fire W	/eather System v3.4.810.0				FWS	□ ×
€	Alerts Manager					
	Edit alert definition				save and close	cancel
	NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY	Edit condition Use the options on this	: page to decide which forecast or observati	on to monitor and what con	dition should trigger an alert	
	ADVANCED SETTINGS	Condition Name: Description:	Test T and RH Test T and RH		→ net	
		No data stream chose	en.		modify	
		No threshold chosen.			() modify	
				save this condition	\mathbf{X} cancel editing this co	ondition

• A new icon will appear saying "click to select a forecast or observation to watch", click on it.

Fire Weather System v3.4.810.0					© 🚾 F W S	□ ×
€ Alerts Manager						
Edit alert definition					save and close	cancel
NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY ADVANCED SETTINGS	Edit condition Use the options on thi Condition Name: Description:	s page to decide which Test T and RH Test T and RH	h forecast or observa	tion to monitor and what cone	dition should trigger an aler	t
	Click to select a	i forecast or observati	on to watch		(e) modify	
				R save this condition	× cancel editing this of	condition

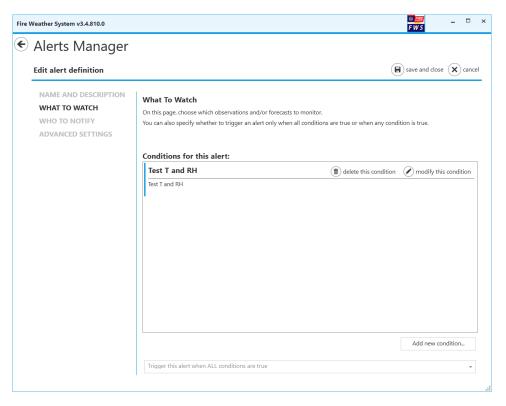
• A Browser/Map/Filter-box interface will appear. Use this to find your desired product, then select and click "select product".



• The "Edit condition" form will reappear with options for setting the trigger-level/threshold for the chosen product. Set these to what you require, then click "save this condition".

Fire Weather System v3.4.810.0		
€ Alerts Manager		
Edit alert definition		H save and close X cancel
NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY ADVANCED SETTINGS	Edit condition Use the options on this page to decide which forecast or observation to monitor and what co Condition Name: Test T and RH Description: Test T and RH	ondition should trigger an alert.
	Selected product: Ranfurly Ews; Observed screen air temperature	() modify
	Choose the condition that triggers an alert: Trigger alert when the Temperature is:	
	greater than 🔹 20 °C 🔹	
	for at least 0 hours	
	R save this condition	n (X) cancel editing this condition
		.:

• You can then add more conditions by clicking again on the "Add new condition..." button.



• The conditions will appear in the "Conditions for this alert" list box. You can now decide if you want the multiple conditions to be inclusive (all conditions met) or independent (any conditions met) using the drop-down menu to select the conditional operator:

Fire Weather System v3.4.810.0		
€ Alerts Manager		
Edit alert definition		F save and close X cancel
NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY ADVANCED SETTINGS	What To Watch On this page, choose which observations and/or foreo You can also specify whether to trigger an alert only w Conditions for this alert:	casts to monitor. when all conditions are true or when any condition is true.
	Test T and RH	(iii) delete this condition 🖉 modify this condition
	Test T and RH Obs RH Obs RH	(1) delete this condition (2) modify this condition
		Add new condition
	Trigger this alert when ALL conditions are true	•
	Trigger this alert when ALL conditions are true Trigger this alert when ANY condition is true	······································

• The next step is to click on the "WHO TO NOTIFY" in the left list of items where you can add recipients for you newly created alert. Click on the "Add new recipient" button.

Fire Weather System v3.4.810.0		© F W S
🗲 Alerts Manager		
Edit alert definition		save and close
NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY	Who to Notify Choose who will receive a message (and what kind) if this alert gets triggered.	
ADVANCED SETTINGS	Recipients:	
		Add new recipi

• The "Add New Recipient" interface contains the manual entry and associated check boxes for the name, email, and mobile number for SMS.

Fire Weather System v3.4.810.0	<mark>⊙</mark> 2007 – □ × FWS
€ Alerts Manager	
Edit alert definition	(\mathbf{R}) save and close (\mathbf{X}) cancel
NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY ADVANCED SETTINGS	Add New Recipient Add a new recipient here and specify how they will receive alerts.
	Recipient Name:
	Enable notification via email Email address:
	Enable notification via SMS Mobile number:
	(R) save this recipient (X) cancel editing this recipient
	1

- You can add a user already registered in EcoConnect that is part of the same organisation you are and/or add a recipient by email or SMS that is outside the registered users list.
- To add a registered user including yourself, click on the "find system user" icon.

lit alert definition				(🔚) save and	l close 🛛 🗙
				U	Ċ
NAME AND DESCRIPTION	Add New Recipient				
WHAT TO WATCH					
WHO TO NOTIFY	Add a new recipient here and sp	ecify how they will rec	eive alerts.		
	(ind system user				
ADVANCED SETTINGS	ind system user				
	Search contacts				
	Name	Username	Email	Phone	•
	Ben Harding	HARDINGBG	b.harding@niwa.co.nz		
	Benjamin Noll Noll	nollb	Benjamin.Noll@niwa.co.nz	043860845	
	Benjamin Robinson Robinso	robinsonb	Benjamin.Robinson@niwa.co.nz	078561784	
	Bernard Miville	mivilleb_tester	bernard.miville@niwa.co.nz	+64 04 386088	
	Bernard Miville	mivilleb_604	b.miville@niwa.co.nz		
	Bernard Miville	mivilleb_test	b.miville@niwa.co.nz	+64 04 386088	
	Bernard Miville	genesis_3.1	bernard_miville@yahoo.ca	+64 04 386088	
	Bernard Miville	nzcsm_all_sites_2.0	bernard.miville@niwa.co.nz	+64 04 386088	
	Bernard Miville	mivilleb_tester2	Bernard.Miville@niwa.co.nz	+64 04 386088	
	Bernard Miville	mivilleb_uat	bernard_miville@yahoo.ca	+64 04 528831	
	Bernard Miville	fire_test	Bernard.Miville@niwa.co.nz	+64 04 386088	
	Bernard Miville Miville	grass_curing	Bernard.Miville@niwa.co.nz	043860889	
	Bernard Miville Miville	farmmet	Bernard.Miville@niwa.co.nz	043860889	
	Bernard Miville Miville	fwsys_lookup	Bernard.Miville@niwa.co.nz	043860889	
		mivillebernard	Bernard.Miville@niwa.co.nz		
	Bernard Miville Miville	mivilebernaru			

• Once you selected a user, click on the "select contact" icon in the lower right corner. If you want your own user to see the alerts in the Alert manager event window or in the Welcome page as they get triggered, you should select your own user too.

Alerts Manager				save and	close 🗙
NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY ADVANCED SETTINGS	Add New Recipient Add a new recipient here and sp	ecify how they will rea	zeive alerts.		
	Search contacts				
	Name	Username	Email	Phone	•
	Ben Harding Benjamin Noll Noll Benjamin Robinson Robinso	HARDINGBG nollb robinsonb	b.harding@niwa.co.nz Benjamin.Noll@niwa.co.nz Benjamin.Robinson@niwa.co.nz	043860845 078561784	
	Bernard Miville Bernard Miville	mivilleb_tester mivilleb_604	bernard.miville@niwa.co.nz b.miville@niwa.co.nz	+64 04 386088	
	Bernard Miville Bernard Miville	mivilleb_test genesis_3.1	b.miville@niwa.co.nz bernard_miville@yahoo.ca	+64 04 386088 +64 04 386088	
	Bernard Miville Bernard Miville	nzcsm_all_sites_2.0 mivilleb_tester2		+64 04 386088 +64 04 386088	
	Bernard Miville Bernard Miville Bernard Miville Miville	mivilleb_uat fire_test grass_curing	bernard_miville@yahoo.ca Bernard.Miville@niwa.co.nz Bernard.Miville@niwa.co.nz	+64 04 528831 +64 04 386088 043860889	
	Bernard Miville Miville Bernard Miville Miville	farmmet fwsys_lookup	Bernard.Miville@niwa.co.nz Bernard.Miville@niwa.co.nz	043860889 043860889	
	Bernard Miville Miville Bernard WEATHER - ALL MO	mivillebernard niwa_weather_2.0_a	Bernard.Miville@niwa.co.nz bernard.miville@niwa.co.nz	+64 04 386088	•

• It will then bring you back to the "Add New Recipient" window and by default it will show the registered email and SMS of the selected user. You can deselect it if you don't want that user to receive email or SMS alerts. You can now click on the "save this recipient" icon.

Fire Weather System v3.4.810.0			
€ Alerts Manager			
Edit alert definition			save and close (X) cancel
NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY ADVANCED SETTINGS	Add New Recip Add a new recipient	here and specify how they will receive alerts.	
	Recipient Name: User Name:	Bernard Miville mivilleb_test	
	Enable notificatio Email address:	on via email b.miville@niwa.co.nz	
	Denable notification	on via SMS	
		R save this recipient	(\mathbf{X}) cancel editing this recipient

• You can also add non-registered users to send them either email or SMS alerts. Click on the "Add new recipient" icon.

save and a	close 🕱 ca
1) delete	Ø modify
delete	🖉 modify
delete	🖉 modify
Add n	new recipient
	Add r

• Enter a Recipient Name and email and/or Mobile Number, then click on the "save this recipient" icon.

Fire Weather System v3.4.810.0		<u>♥ व्यक</u> □ × FWS
🗲 Alerts Manag	jer	
Edit alert definition		save and close (X) cancel
NAME AND DESCRIPT WHAT TO WATCH WHO TO NOTIFY ADVANCED SETTINGS	ON Add New Recipient Add a new recipient here and specify how they will receive alerts.	Cancel editing this recipient

• You now have 2 recipients for that new alert. You can continue by adding more as needed.

Weather System v3.4.810.0		© 🔤 F W S	
Alerts Manager			
Edit alert definition		save and	I close 🗙 car
NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY ADVANCED SETTINGS	Who to Notify Choose who will receive a message (and what kind) if this alert gets triggered.		
AD VARCED DET INGD	Recipients: Bernard Miville	(delete	(🖉) modify
	✓ Via EcoConnect User: mivilleb_test ✓ Via Email: b.miville@niwa.co.nz ✓ Via Mobile (SMS):		
	Bernard Miville	(t) delete	🖉 modify
	Via Enail: bernard.miville@niwa.co.nz Via Mobile (SMS):		
		Add	new recipient

- Clicking on the "ADVANCED SETTINGS" will allow you to customize the Email and SMS message.
- It also gives you the ability to set a timeout on an alert (so they only appear in the notifications areas for a specified length of time), and a suppression time (so the same alert will not send new event messages within the interval starting from the last event and extending out to the given suppression time).
- You can also click on the "include triggering data in the email message" to show what data the alert was triggered on.

 Alerts Manager Edit alert definition 		R save and close
NAME AND DESCRIPTION WHAT TO WATCH WHO TO NOTIFY	Other Settings Here you can specify	y message content and timeouts.
ADVANCED SETTINGS	SMS message:	Alert for Ranfurly
		(b) copy from name (b) copy from description
	Email message:	Alert for Ranfurly
		 (b) copy from name (b) copy from description Include triggering data in email message.
	Expire alerts after :	0 minutes.

• At the top right of the alert editor click the "save and close" icon. The alert should now appear in the alert definition box, and if the conditions are met, an alert will be sent to the recipient(s) and shown in the user's notification areas (on the Workspace page and the Alerts Manager interface) of the system user recipient. You may need to close settings and come back to see it listed.

eather System v3.4.810.0	<u>■</u> _ □ <i>Fws</i>
Alerts Manager	
Here you can set up and manage your alerts.	€ close settings
M2 to M3 - Wanaka	(1) delete (2) copy (2) modify
2 conditions. 1 recipient.	This alert is enabled.
M2 to M3 - Westport ISI Obsl > 1	(1) delete (b) copy () modify
2 conditions. 2 recipients.	This alert is enabled.
M2 to M3 - Wind test Test	() delete () copy () modify
2 conditions. No recipients defined.	This alert is enabled.
Test Training Test Training	(1) delete (b) copy (2) modify
2 conditions. 1 recipient.	This alert is enabled.
•	- Add new alert

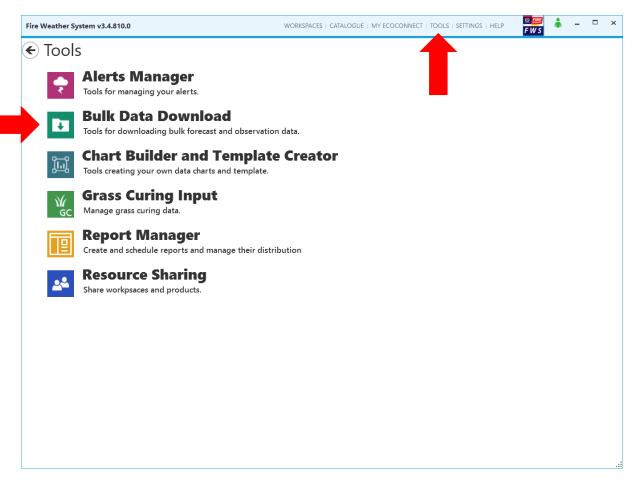
Bulk Data Download

Summary

The Bulk data download allows a user to download a large amount of data for any of the site-specific forecast products.

Download

- You first need to access the Bulk Data Download tool by clicking on the TOOLS option form the top menu.
- Then click on the Bulk Data Download icon.



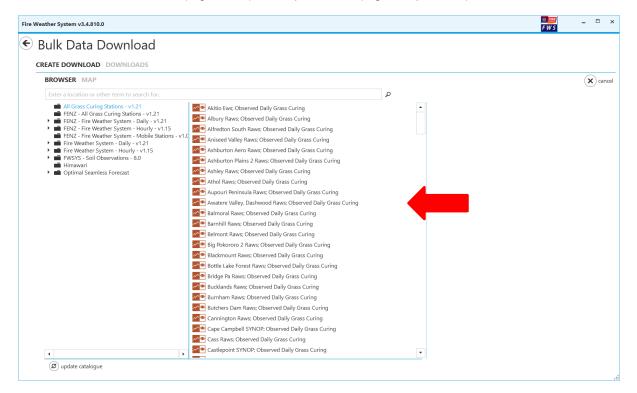
• This will display the Bulk Data Download interface.

Fire Weather System v3.4.810.0	© [### F W S	 ×
🗲 Bulk Data Download		
CREATE DOWNLOAD DOWNLOADS Use this page to create a new bulk download task. View active and complete downloads by clicking on 'Downloads' above. A range of dates can be selected. All available data for the date range will be downloaded.		
Product to download:		

• Click on the "pick a product" icon.

Fire Weather System v3.4.810.0		- • ×
🗲 Bulk Data D	ownload	
CREATE DOWNLOAD	DOWNLOADS	
	/ bulk download task. View active and complete downloads by clicking on 'Downloads' above. ted. All available data for the date range will be downloaded.	
Product to download:	Pick a product to download	

- This will display the catalogue browser. From there you can select a product or search for a specific one using the search text box.
- If you use the search box you need to use a term that is part of the product name, like the name of the station (e.g. Towai) and a parameter (e.g. Temperature). Partial terms are fine.



- Using the search box.
- Just click on a product then click on "select product"

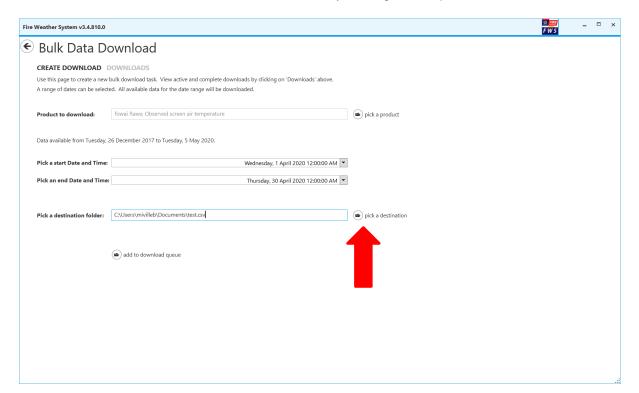
ather System v3.4.810.0			☑ 100 FWS	-
Bulk Data Download				
REATE DOWNLOAD DOWNLOADS				
BROWSER MAP				(
Towai obse temperature		×		
 FENZ - All Grass Curing Stations - v1.21 FENZ - Fire Weather System - Daily - v1.21 	i more info 🖾 select product			
 Total Total Maps National Maps National Maps National Stations Summary Supplementary Services - Trial North Island Stations North Island Stations Regional Summary Aupouri Peninsula (ST) Kase (Hv) Kalkohe (Hv) Kalkohe (Hv) Kalkohe (Hv) Hokiang (ST) Kaikohe (Avs - Old (OD) Kalkohe (Avs - Cld (OD) Kalkohe (Avs - Cld (OD) Kalkohe (Avs - Cld (OD) Kalkohe (FV) Hokiang (ST) Kalkohe (ST) Dialy Forecast Fire Indices and Co Observed and Forecast Weather Opouteke (ST) Whangarei (Hv) Whangarei (Hv) Whangarei (Hv) Whangarei (Hv) 				
Initial State				

• This will bring you back to the Bulk Data Download interface.

• Once a product has been selected, you can select a start and end date by clicking on the calendar. If you select a very large date range (e.g. 10 years), it will take longer to get all the data.

Fire Weather System v3.4	310.0	S FWS	 ×
🗲 Bulk Dat	Download		
Use this page to crea	AD DOWNLOADS a new bulk download task. View active and complete downloads by clicking on 'Downloads' above. selected. All available data for the date range will be downloaded.		
Product to downloa	Towal Raws; Observed screen air temperature		
Data available from T	esday, 26 December 2017 to Tuesday, 5 May 2020.		
Pick a start Date an	Time: Wednesday, 1 April 2020 12:00:00 AM 💌		
Pick an end Date a	Time: Select date time V April 2020		
	Su Mo Tu We Th Fr Sa So 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 93 0 1 2 3 4 5 X X X		

• Select a destination folder and enter a file name by clicking on the "pick a destination" icon.



- Once finished filling the form, you can click on the "add to download queue" icon.
- This will send a request to the server to prepare the data, it will not save it to your computer yet.

Fire	Weather System v3.4.810.0			© 🔤 F W S	-	×
€	Bulk Data Do	ownload				
		OWWLOADS bulk download task. View active and complete downloads by clicking on 'Downloads' above. ed. All available data for the date range will be downloaded.				
	Product to download:	Towai Raws; Observed screen air temperature	pick a product			
	Data available from Tuesday, a	26 December 2017 to Tuesday, 5 May 2020.				
	Pick a start Date and Time:	Wednesday, 1 April 2020 12:00:00 AM 💌				
	Pick an end Date and Time:	Thursday, 30 April 2020 12:00:00 AM 💌				
	Pick a destination folder:	C:\Users\mivilleb\Documents\test.csv	pick a destination			
		add to download queue				
						.::

- You will now be back to the Bulk Data Download page.
- To see if your data is ready for download, click on the DOWNLOADS option,

Fire W	eather System v3.4.810.0			- • ×
€	Bulk Data D	ownload		
l		DOWNLOADS y bulk download task. Wy Pactive and complete dow ted. All available data for the date range will be dow		
F	Product to download:		 pick a product 	
				.:1

- You should now see your request status.
- If it shows the status as completed, it means that it is now available on your compupter in the folder and file name you selected.

ire Weather System v3.4.810.0				© 7995 FWS	-	×
Bulk Data Download						
CREATE DOWNLOAD DOWNLOADS						
Product name	Date created	Filename	Status			
X Towai Raws; Observed screen air temperature	05-May-2020 13:18 NZST	C:\Users\mivilleb\Documents\test.csv	Completed			
1						

Chart Builder

Summary

The chart builder allows a user to create completely new charts or edit existing ones and save it as a new one.

• From the TOOLS option click on the Chart Builder icon

Fire	Weather Sy	/stem v3.4.810.0	WORKSPACES CATALOGUE MY ECOCONN	ect tool	s settings	HELP	© 🛲 FWS	٨	-	□ ×
€	Tools	5								
	•	Alerts Manager Tools for managing your alerts.								
	B	Bulk Data Download Tools for downloading bulk forecast and observation data.								
	Ш	Chart Builder and Template Creator Tools creating your own data charts and template.								
	₩ GC	Grass Curing Input Manage grass curing data.								
		Report Manager Create and schedule reports and manage their distribution								
	<u>2</u> 2	Resource Sharing Share workpsaces and products.								

Create a new chart

• Select the "create a new chart" entry in the Chart Builder options.

Fire Weather System	S FWS	-	
ullet Chart Builder			
Create a new chart			
open and edit a my ecoconnect chart			
y open a copy of a catalogue chart			

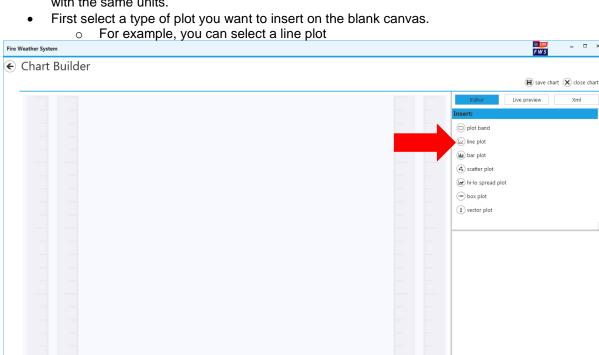
• Give it a name, then click on the ok button.

once saved	ate a new empty chart with default settings. it will be available in your My-EcoConnect
oldel.	
Гуре:	Default chart (linear time line)
Name:	New Fire Weather Meteogram

This will display the chart editor. ٠

Chart Bu	uilder						
Chart De	anaci						(🗑 save chart (🗙 cl
	_					_	Editor Live preview Xr
							Insert:
							plot band
							⊭ line plot
							🔟 bar plot
							scatter plot
							⊭ hi-lo spread plot
							box plot
							(t) vector plot
							vector plot
	Г	06:00 (NZST) 12:00 (NZST) 18:00 (NZST)	06:00 (NZST) 12:00 (NZST) 18:00 (NZST)	06:00 (NZST)	_		
	~	Sun 25-Jun-17	Mon 26-Jun-17 (All times local)	Tue 27-Jun-17	_		

You can add up to 4 different type of graphs with different units but can have multiple chart • with the same units.



06:00 (NZST) 12:00 (NZST) 18:00 (NZST)

Mon 26-Jun-17 (All times local)

06:00 (NZST) Tue 27-Jun-17

06:00 (NZST) 12:00 (NZST) 18:00 (NZST) Sun 25-Jun-17

- 🗆 ×

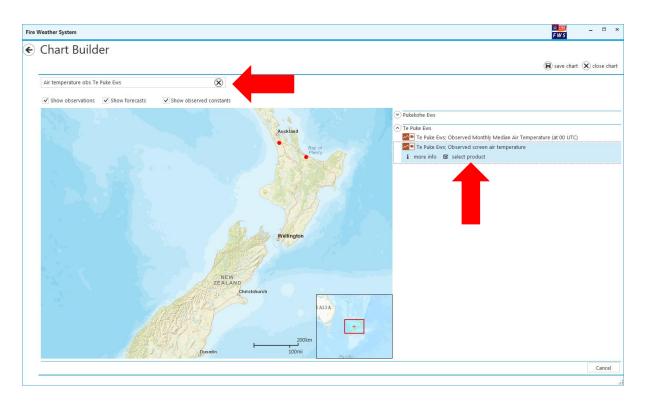
Xml

• This will display an interface where you can enter the plot name and select the data source.

Fire Weather System					<u>♀</u> <u></u> <i>FWS</i> → ×
€ Chart Builder					(\mathbf{R}) save chart (\mathbf{X}) close chart
Create new line plot					
Plot Name:	Air Temperature				
Magnitude data source:	(Not defined)		© select		
Cancel plot Plac	e plot				
			-		

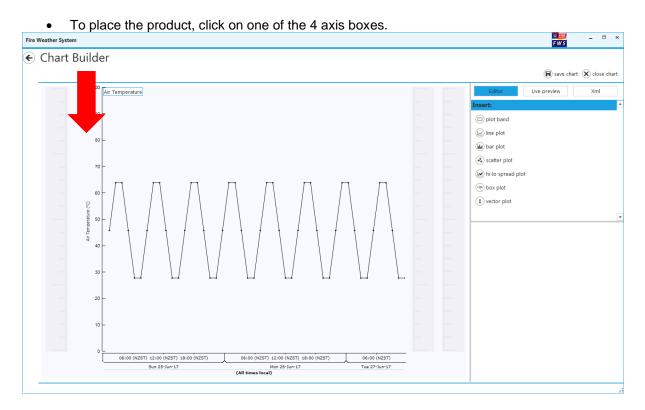
Weather System	<u>∞</u> _ □ <i>FWS</i>
Chart Builder	(A) save chart (X) close cl
Enter a location or other term to search for.	6
✓ Show observations ✓ Show observed constants	
Bartestar (n. 173) 🗣 🖓 (S) " Parific	Cano

• After you click on select, it will display the map explorer where you can select the product.



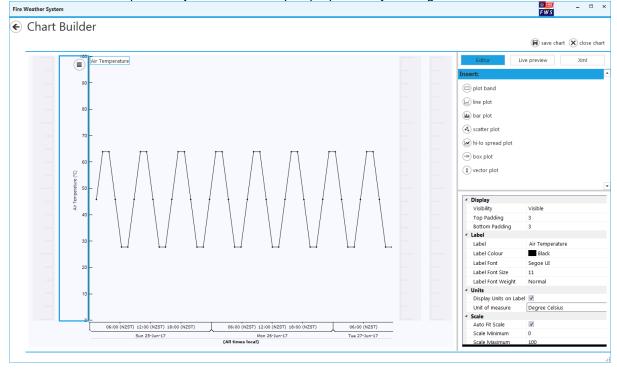
• Once the product is selected, you can change the units, and adjust the time scale range, then click on the "Place Plot" button.

save chart 🛞 c

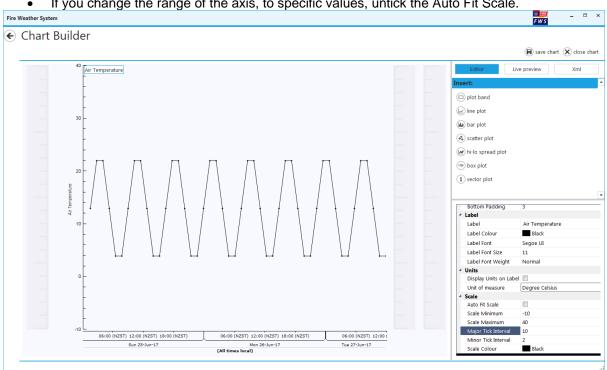


• This will create a default Sine Wave graph and axis with a default range from 0 to 100.



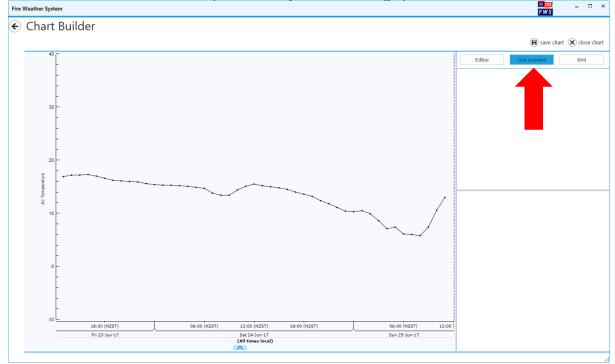


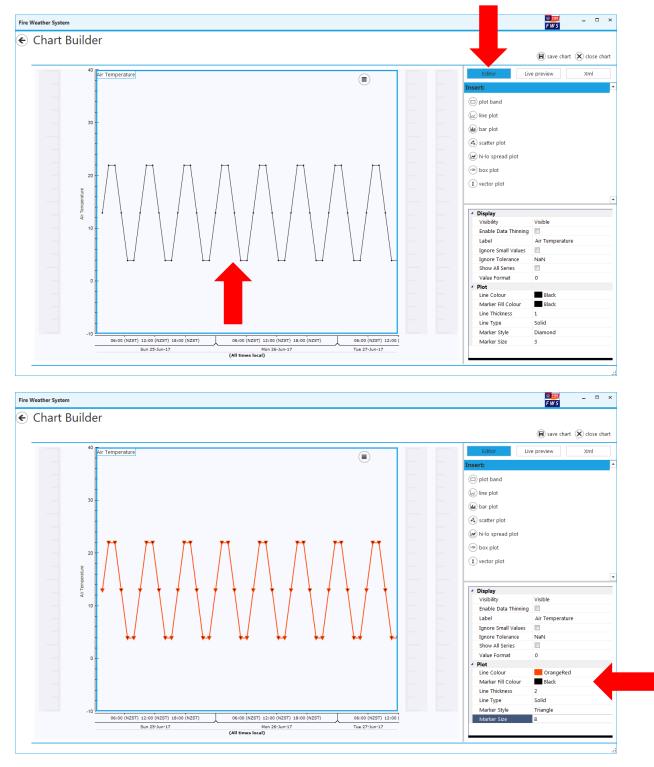
• You can now change all aspects of the axis, from label colour, name, range, etc.



٠ If you change the range of the axis, to specific values, untick the Auto Fit Scale.

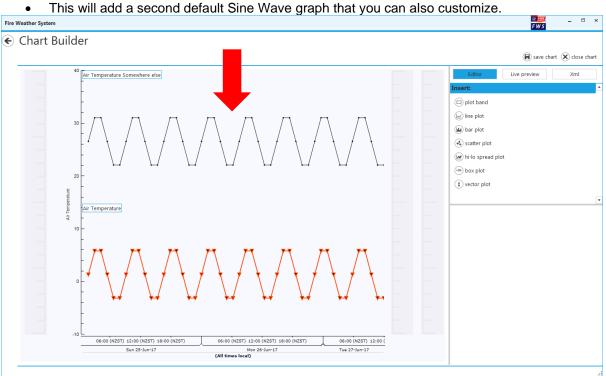
You can now click on Live preview and you will see the graph with actual data. ٠



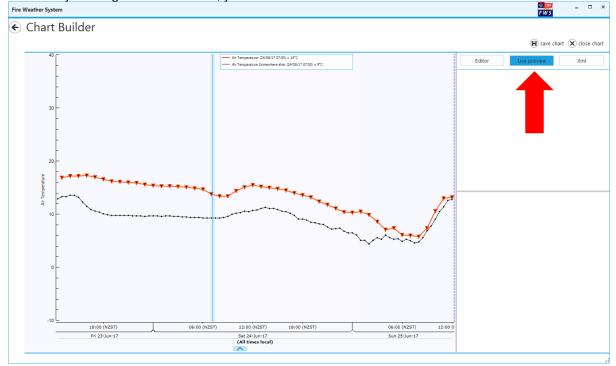


• To change the plot properties. Go back in Editor mode and click on the chart itself.

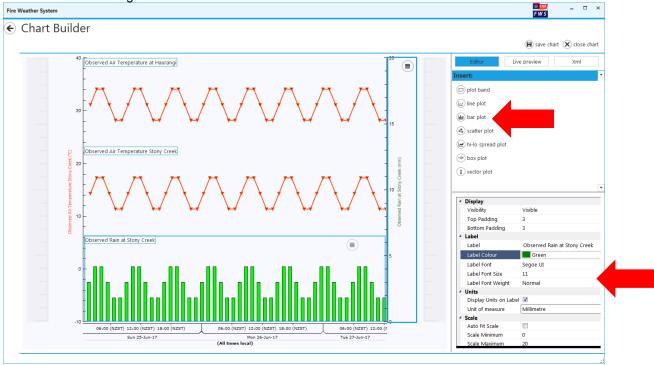
To add another graph with the same units and type of products (e.g. Obs air temperature at a • different station), select the same type (e.g. line plot) and place it by clicking on the same axis.



By clicking on Live Preview, you will see the actual result. •



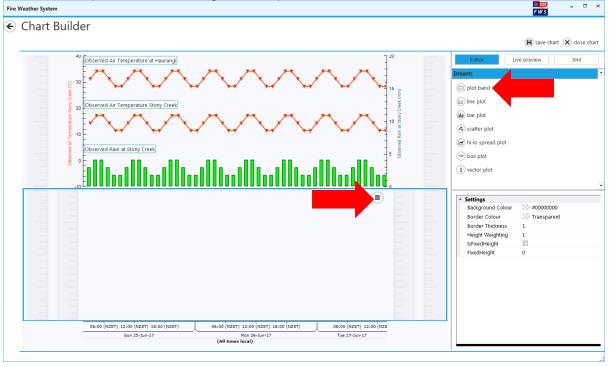
• You can also add a different type of plot, for example bars. This time select a different axis as the units and range will be different.



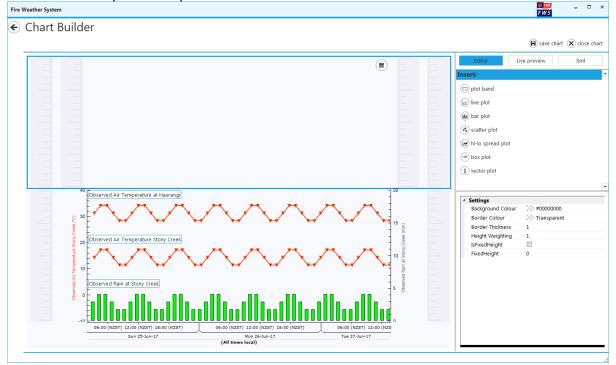
For rain bars you can change the width in seconds to match the observed frequency (30 minutes -> 1800 seconds, 10 minutes -> 360 seconds, etc.).



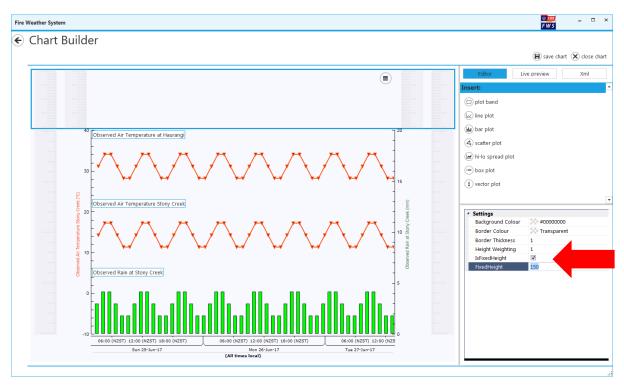
- It is also possible to add multiple bands to a graph where each band can have its own axis.
- Select plot band from the right Insert options.



 The new band can be moved up and down by clicking on the upper right menu and selectiong "Move band up" for example.



• The height of the band can also be modified by first clicking in the band and then selecting "IsFixedHeight" option and changing the "FixedHeight" value in pixels (e.g. 150 pixels).



Once the band has been created, you need to select a type of band and product to be ploted.
 For wind you would select the vector plot type for example.

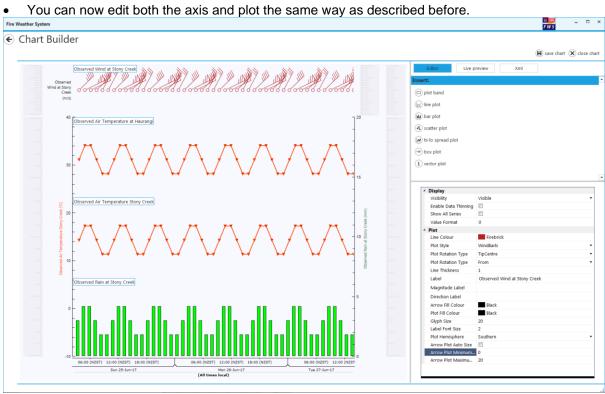


• Enter a name and select the magnitude and directions sources.

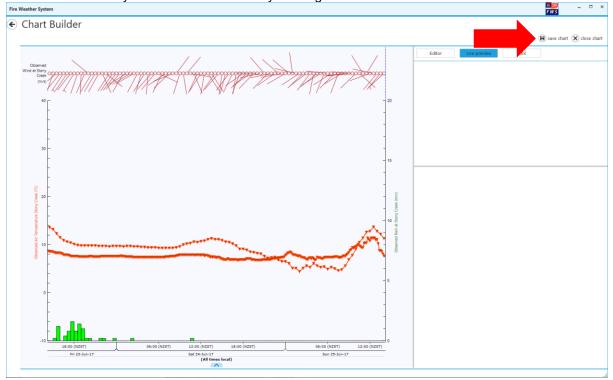
Fire Weather System			• • • • • • • • • • • • • • • • • • •	□ ×
🗲 Chart Builder				
			$\textcircled{\textbf{B}}$ save chart $\overleftrightarrow{\textbf{X}}$ cl	lose chart
Create new vector plot				
Plot Name:	Observed wind at Stony Creek			
Magnitude data source:	CliDB wind_speed: 41.426675 175.48056E V1.0	Ø select		
	Stony Creek Raws; Observed surface wind speed (10m)			
Direction data source:	CliDB wind_from_direction: 41.42667S 175.48056E V1.0	Select		
	Stony Creek Raws; Observed surface wind direction (10m)			
This plot will measure Spee	d. Select display unit below.			
Unit of measure:	Metre Per Second			
✓ Use the end date of this	s plot's data to automatically set the initial x-axis start date on load.) plot's data to automatically set the initial x-axis end date on load.) range. (Leave unchecked to use default latest data.)			
Cancel plot Plac	e plot (Click 'Place plot' to return to the layout view and choose an axis for this	plot.)		

 Select an axis of the top band and the wind product will then appear using the default settings.





Once done you can save the chart by clicking on the save chart icon



• If you already saved it, it will ask if you want to overwrite the existing chart.

ct.	
oy.)	

• The new chart will appear in your My EcoConnect.

My EtaConnect My EtaCo	Fire Weather System		WORKSPACES CATALOGUE MY ECOCOMMECT TOOLS SETTINGS HELP
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	-	Feld Feld	

Open and edit a my ecoconnect chart

• You can open any existing My EcoConnect chart even if it has not been created with the chart builder.

	ire Weather System	9 200 FWS	-	□ ×
(E) Chart Builder			
	∠ create a new chart			
	✓ open and edit a my ecoconnect chart			
	Popen a copy of a catalogue chart			
L				.:

• This will display your list of available products in My EcoConnect.

Fire Weather System		
€ Chart Builder		
		\bigotimes cancel selection
My EcoConnect - mivilleb_ecov1	 Te Puke Ews; Observed and climatological median air temperature at 00 UTC Test Fire Index Northalind Fire Index Northalind Stony Creek Raws; - Observed Daily Fuel Moisture Stony Creek Raws; - Observed Daily Fuel Moisture Stony Creek Raws; - Observed Daily Fuel Moisture Te Puke Ews; Observed and climatological median Fire Duff Moisture Code Te Puke Ews; Observed and forecast weather Te Puke Ews; Observed and forecast weather Te Puke Ews; 2-day observed and forecast weather New FVSYS Meteograms New FVSYS Meteograms New FVSYS Meteograms 	

Click on one product and click on the open product option. ٠

Fire Weather System		<u>♥</u> <i>FWS</i>	- 🗆 ×
€ Chart Builder			
			\otimes cancel selection
My EcoConnect - mivilleb_ecov1	Performance in the product of th		



• You can then continue editing this existing product and save it with the modification.

Open a copy of a catalogue chart

- This option allows you to edit any existing chart available in your catalogue and save it as a • new product in your My EcoConnect.
- Select the third option. •

Chart Builder					
∠ create a new chart					
 open and edit a my ecoconnect chart 					
v open a copy of a catalogue chart					
This displays your catalogue where you can	select any a	vailable ch	nart. Just se	S 182	a
Weather System	select any a	vailable ch	art. Just se	lect a ch	ai
• This displays your catalogue where you can Weather System Chart Builder	select any a	vailable ch	art. Just se	© ™ FWS	-
Weather System Chart Builder	select any a	vailable ch	art. Just se	© ™ FWS	-
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Weather System Chart Builder Enter a location or other term to search for. • FramMet: Climale Explorer - JSON • Free Weather System - Daily - 0.1.00 • Mational Maps • National Maps • Wakaton • Wapanuit Anawawatu <		vailable ch	art. Just se	© ™ FWS	-
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FWSYS EC3 - User Guide - Version 1.0

• You can then modify any of the charts the same way as creating a n	iew one.	
Fire Weather System		<u>♀</u> <i>FWS</i> – □ ×
€ Chart Builder		🗑 save chart 🕱 close chart
Deserved Forest Fire Rate of Spread	Editor Liv Insert: D plot band W line plot ab ap plot Call of the plot D plot band D plot	e preview Xml
Dobserved Forest Head Fire Intensity	box plot i vector plot vector plot vesibility Enable Data Thinning Label	▼ Visible Observed Forest Fire Danger Clar
	Ignore Small Values Ignore Tolerance Show All Series Value Format Piot Line Colour Marker Fill Colour Line Thickness Line Type Marker Style Marker Size	INAN I I I I I I I I I I I I I I I I I

• Once you have modified the chart you just need to save it.

AVE CUSTO	M CHART
Name to save as:	Copy of Stony Creek Raws; - Observed Daily Forest Danger Class
This item does not exi	ists in MyEcoConnect.

• It will then appear as a new product in your My EcoConnect list.

Grass Curing

Summary

The Grass Curing tool allows a user with special access to update and commit grass curing values for stations in their area of responsibility.

• From the TOOLS option click on the Grass Curing icon.

Fire Weather Sy	ystem v3.4.810.0	WORKSPACES CATALOGUE MY ECOCONNER	T TOOL	S SETTINGS	HELP	S FWS	۵	-	□ ×
€ Tools	5								
-	Alerts Manager Tools for managing your alerts.								
R.	Bulk Data Download Tools for downloading bulk forecast and observation data.								
	Chart Builder and Template Creator Tools creating your own data charts and template.								
₩ GC	Grass Curing Input Manage grass curing data.								
	Report Manager Create and schedule reports and manage their distribution								
22	Resource Sharing Share workpsaces and products.								

• This will display the Grass Curing Input interface.

Fire Weather System v3.4.810.0	© [[[]]] F W S	 ×
🗲 Grass Curing Input		
VIEW AND MODIFY Grass Curing Value History		
Select a station from the list below. You will be able to view the current value and history for up to the the last five years and also make changes.		
Select a station:		
•		

• You can select a station by clicking on the dropdown menu and click on a station.

Fire Weather System v3.4.810.0		♥ F W S	-	□ ×
🗲 Grass Curing Inp	ut			
VIEW AND MODIFY	Grass Curing Value History			
	Select a station from the list below. You will be able to view the current value and history for up to the the last five years and also make changes.			
	Select a station:			
	Aktio Ews Albury Raws Albury Raws Alfredton South Raws Aniseed Valley Raws Aniseed Valley Raws Ashburton Aero Raws Ashburton Paina 2: Raws Ashburton Paina 2: Raws Ashburton Paina 2: Raws Bathmore Naina 2: Raws Balarmore Raws Big Pokorora 2: Raws Bidartmourt Raws Biddren Raws Bidd			

• This will display a list of the past entries and a text box to enter a new one.

Fire Weather System v3.4.810.0		© ==== F W S	- • ×
€ Grass Curing Input			
	Curing Value History		
	station from the list below. You will be able to view the current value and history for up to the the last five nd also make changes.		
Select a	station:		
Ashley	∕ Raws ▼		
Historic	ai values:		
	ve Date and Time Value pr-2020 09:03 NZST 60		
22-Ja	n-2020 11:21 NZDT 80		
	in-2020 09:00 NZDT 60 ov-2019 10:46 NZDT 20		
	ug-2019 11:32 NZST 10 Iav-2019 16:45 NZST 20		
Current	value is 60, valid at 15-Apr-2020 09:03 NZST		
Submit	a new value:		
Effective	e date and time: 2020-05-05T13:34:14 💌		
(E) upl	load new value		

• Enter a new grass curing value in the box. By default, this value will be assigned the current time. You can however change the validity time by using the calendar icon.

Fire Weather System v3.4.810.0		© 🎫 F W S	- • ×
🗲 Grass Curing Inpu	ut		
VIEW AND MODIFY	Grass Curing Value History		
	Select a station from the list below. You will be able to view the current value and history for up to the the last five years and also make changes.		
	Select a station:		
	Ashley Raws 🗸		
	Historical values:		
	Effective Date and Time Value		
	15-Apr-2020 09:03 NZST 60		
	22-Jan-2020 11:21 NZDT 80		
	10-Jan-2020 09:00 NZDT 60		
	26-Nov-2019 10:46 NZDT 20		
	20-Aug-2019 11:32 NZST 10 06-May-2019 16:45 NZST 20 ▼		
	Current value is 60, valid 2020 09:03 NZST		
	Submit a new value: 65		
	Effective date and time: 2020-05-05T13:34:14 💌		
	(B) upload new value		

• Enter a new date/time if required.

← Grass Curing	nput	
VIEW AND MODIFY	Grass Curing Value History	
	Select a station from the list below. You will be able to view the current value and history for up to the the last five years and also make changes.	
	Select a station:	
	Ashley Raws 🗸	
	Historical values:	
	Effective Date and Time Value	
	15-Apr-2020 09:03 NZST 60	
	22-Jan-2020 11:21 NZDT 80	
	10-Jan-2020 09:00 NZDT 60	
	26-Nov-2019 10:46 NZDT 20	
	20-Aug-2019 11:32 NZST 10	
	20-Aug-2019 11:32 NZST 10	
	20-Aug-2019 11:32 NZST 10	
	20-Aug-2019 11:32 NZST 10 06-May-2019 16:45 NZST 20 ▼	
	20-Aug-2019 11:32 NZST 10 06-May-2019 16:45 NZST 20 ✓ Current value is 60, valid at 15-Apr-2020 09:03 NZST	
	20-Aug-2019 11:32 NZST 10 06-May-2019 16:45 NZST 20 Current value is 60, valid at 15-Apr-2020 09:03 NZST Submit a new value: 65 Effective date and time: 2020-05-04T12:00:00 ♥ Current value 4 May 2020 ▶	
	20-Aug-2019 11:32 NZST 10 06-May-2019 16:45 NZST 20 Current value is 60, valid at 15-Apr-2020 09:03 NZST Submit a new value: 65 Effective date and time: 2020-05-04T12:00:00 ♥ Bu upload new value ■ May 2020 ▶ Su Mo Tu We Th Fr Sa	
	20-Aug-2019 11:32 NZST 10 06-Mav-2019 16:45 NZST 20 Current value is 60, valid at 15-Apr-2020 09:03 NZST Submit a new value: 65 Effective date and time: 2020-05-04T12:00:00 ♥ (a) upload new value 4 May 2020 ↓ Su Mo Tu We Th Fr Sa 26 27 28 29 30 1 2	
	20-Aug-2019 11:32 NZST 10 06-Mav-2019 16:45 NZST 20 ▼ Current value is 60, valid at 15-Apr-2020 09:03 NZST Submit a new value: 65 Effective date and time: 2020-05-04T12:00:00 ▼ © upload new value ■ May 2020 ▶ Su Mo Tu We Th Fr Sa 26 27 28 29 30 1 2 3 4 5 6 7 7 8 9	
	20-Aug-2019 11:32 NZST 10 06-May-2019 16:45 NZST 20 Current value is 60, valid at 15-Apr-2020 09:03 NZST Submit a new value: 65 Effective date and time: 2020-05-04T12:00:00 ♥ Su Mo Tu We Th. Fr. Sa 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	
	20-Aug-2019 11:32 NZST 10 06-Mav-2019 16:45 NZST 20 ▼ Current value is 60, valid at 15-Apr-2020 09:03 NZST Submit a new value: 65 Effective date and time: 2020-05-04T12:00:00 ▼ © upload new value ■ May 2020 ▶ Su Mo Tu We Th Fr Sa 26 27 28 29 30 1 2 3 4 5 6 7 7 8 9	
	20-Aug-2019 11:32 NZST 10 06-Mav-2019 16:45 NZST 20 Current value is 60, valid at 15-Apr-2020 09:03 NZST Submit a new value: 65 Effective date and time: 2020-05-04T12:00:00 ♥ w upload new value May 2020 ▶ Su Mo Tu We Th Fr Sa 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	

• Once the value is entered click on the "upload new value" icon.

Fire Weather System v3.4.810.0		© 🔤 F W S	-	□ ×
€ Grass Curing Inpu	t			
VIEW AND MODIFY	Grass Curing Value History			
	Select a station from the list below. You will be able to view the current value and history for up to the the last five years and also make changes.			
	Select a station:			
	Ashley Raws 🔹			
	Historical values:			
	Effective Date and Time Value			
	15-Apr-2020 09:03 NZST 60			
	22-Jan-2020 11:21 NZDT 80			
	10-Jan-2020 09:00 NZDT 60			
	26-Nov-2019 10:46 NZDT 20			
	20-Aug-2019 11:32 NZST 10 06-May-2019 16:45 NZST 20 ▼			
	Current value is 60, valid at 15-Apr-2020 09:03 NZST			
	Submit a new value: 65			
	Effective date and time: 2020-05-05T12:00:00			
	(p) upload new value			

• If your account has both update and commit access, the update will be done immediately. Just click on the "ok" button.

GRASS CURING UPDATE	
Your account allows GC value commit. This update will be committed im	mediately.
[ok

• Then click on the ok button confirming that the data has been uploaded.

GRASS CURING UP	DATE
Data updated.	
	ok

• If you do not have commit access, the update will go into a commit queue awaiting someone with the correct access to commit the changes.

Report Manager

Summary

The report manager allows a user to create a custom document containing text, images and products as a one off or scheduled to be sent by email at a regular interval.

• From the TOOLS option click on the Report Manager icon.

Fire Weather S	System v3.4.810.0	WORKSPACES	CATALOGUE	MY ECOCONNECT	TOOLS	SETTINGS	HELP	© 🔤 FWS	٨	-	□ ×
🗲 Too	€ Tools										
-	Alerts Manager Tools for managing your alerts.										
÷	Bulk Data Download Tools for downloading bulk forecast and observation data.										
<u>ju</u> j	Chart Builder and Template Creator Tools creating your own data charts and template.										
₩ GC	Grass Curing Input Manage grass curing data.										
	Report Manager Create and schedule reports and manage their distribution										
24	Resource Sharing Share workpsaces and products.										

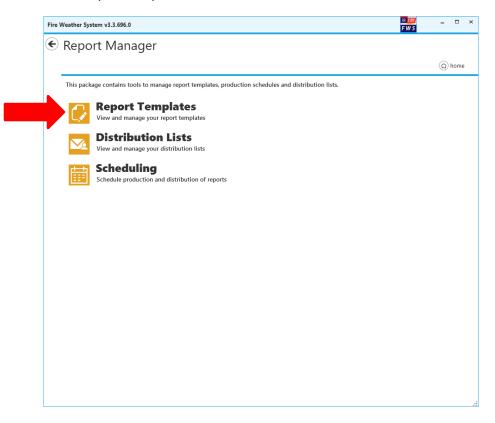
• This will display the Report Manager interface.

Fire	Weather Sys	tem v3.3.696.0	♀ <mark>मार</mark> F W S	- • ×		
€	Repo	rt Manager				
				D home		
	This package contains tools to manage report templates, production schedules and distribution lists.					
	\mathbf{C}	Report Templates View and manage your report templates				
	<u>×</u>	Distribution Lists View and manage your distribution lists				
	₿	Scheduling Schedule production and distribution of reports				
				.:		

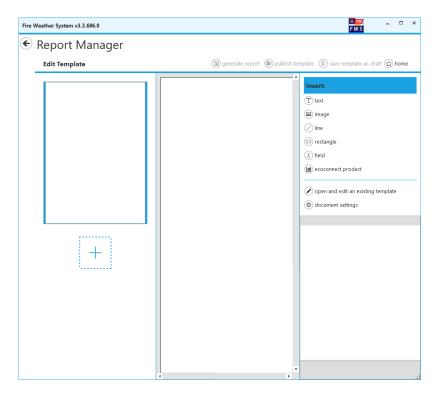
Report Template

The report template is where you will build a report structure and content.

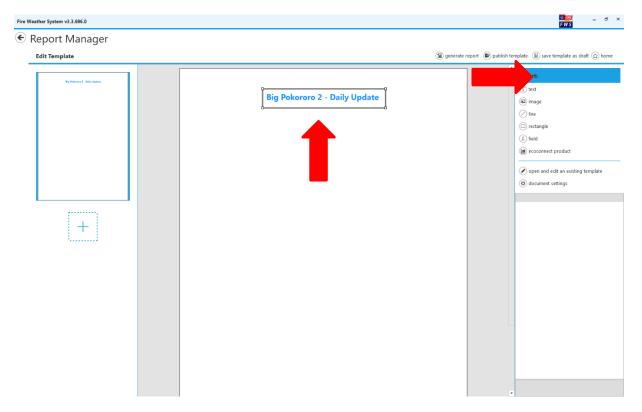
• Click on the Report Templates



• This will display the interface to start building your report.



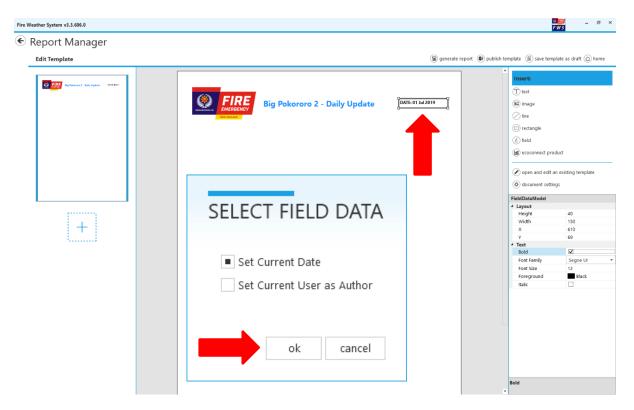
• From the template manager, click on text and add a text window on the page where you can type in some text.



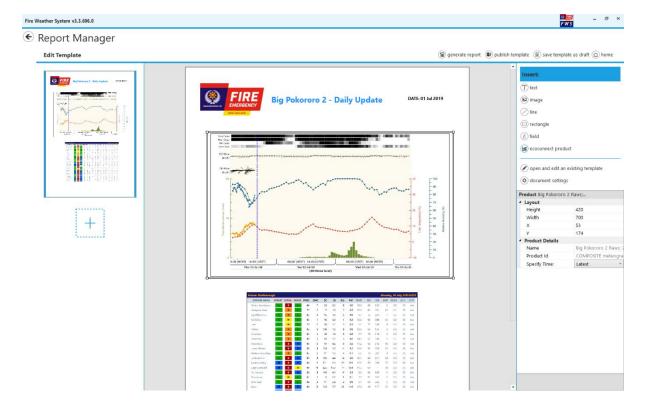
- You can change the font, colour etc. by using the lower right panel. The text box can also be moved and resized.
- Click on the Image icon and load an image form your computer. You can resize the box and move it around.

EIRE By Polence 2 - Daily Up link			• Insert:	
A THE PARTY OF THE			T) text	
		EIRE Big Pokororo 2 - Daily Update	(image	
		EMERGENCY EMERGENCY		
			⊘ line	
			rectangle	
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+	SELECT	T IMAGE	х	222
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	l	(inc_bernee/ennend/indining/ienz logo.ping	Italic	

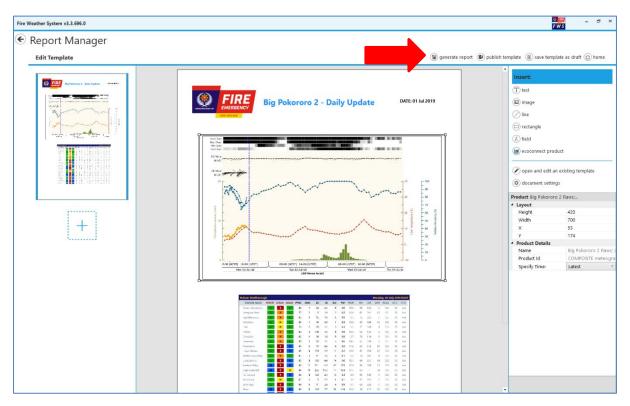
• Click on the field icon and select "Set Current Date". The box can be resized and moved around.



• Click on the ecoconnect product icon and select one product, and then select another one.



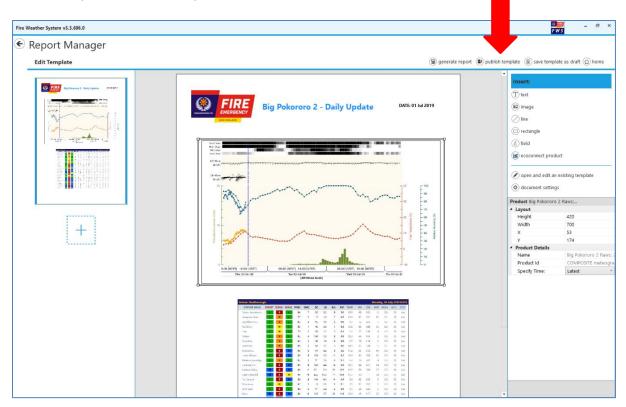
• Generate the report by clicking on the generate report icon in the top menu.



• This will save a PDF of the report on your computer.



• To schedule the report for automatic distribution, you need to publish it, click on the publish template icon on the top menu



• The save template window will appear. Just click on the "ok" button.

SAVE REPORT	TEMPLATE
Name to save as:	Big Pokororo Daily Report
Description:	Big Pokororo Daily Update
	es not exist in report template. plate to the new name above. ok cancel

Distribution Lists

The distribution list is used to select who will be receiving the scheduled report. Users in the same organisation will appear as EcoConnect users, but external users can also be added using their emails.



• Click on Home (top right corner) to get back to the main Report manager.

• Select the "Distribution Lists" option.



• You will now have access to the Distribution List editor.

Fire We	eather System v3.3.696.0		• 2005 FWS	- 8 ×
€ F	Report Manager			
	Edit Distribution List		🕼 save distribution list 🤅	🗋 home
	Recipients:	Add new recipient Add new recipient Ind system user Ind distribution list Recipient Name:		
		(R) save this recipient	: 🛞 cancel editing this re	ecipient
	(iii) delete selected			

• Enter a name and email address, then click on the "save this recipient" icon, in the lower right corner. They do not need to be users of the FWSYS.

Weather System v3.3.696.0		<mark>⊗</mark> ஊ _ □ FWS
Report Manager		
Edit Distribution List		🗑 save distribution list 🙆 hom
Recipients:	Add new recipient	
Name Email	add new recipient ind system user ind find dist	tribution list
	Recipient Name: Bernard Miville	
	Email Address bernard.miville@niwa.co.nz	
		save this recipient (🗙) cancel editing this recipient
(iii) delete	selected	

• The new recipient will appear in the left panel.

Fire Weather System v3.3.696.0		<u>◎</u> 222 _ □ × FWS
🗲 Report Manager		
Edit Distribution List		ave distribution list 🙆 home
Recipients:	Add new recipient (1) add new recipient (1) find system user (1) find distribution list	
Name Email Bernard Miville bernard.miville@niwa.co.nz		
	Recipient Name:	
	Email Address	
	() save this r	recipient 🗙 cancel editing this recipient
iii) delete selected	S	

• Add as many members as you want by selecting them in the left panel. Then click on the "save distribution list" icon in the upper right corner.

Fire	Weather System v3.3.696.0	<u>♥</u>	
e	Report Manager		
	Edit Distribution List	$(\widehat{\ensuremath{\mathfrak{g}}})$ save distribution list $(\widehat{\ensuremath{\Omega}})$ home	
	Recipients:	Add new recipient	
	Bernard Miville bernard.miville@niwa.co.nz	Recipient Name:	
		Email Address	
	as: Big Pokororo Report does not exist in distribution list. e this list to the new name above.	SAVING DISTRIBUTION L	IST
		ok cancel Big Pokororo Report has been saved.	
			k
	(all delete selected	(用) save this recipient (X) cancel editing this recipient	

• This will show the users that are part of the new distribution list.

Fire Weather System v3.3.696.0	
🗲 Report Manager	
Edit Distribution List	(iii) save distribution list (iii) home
Recipients:	Add new recipient (1) add new recipient (1) find system user (1) find distribution list
✓ Name Email	
	Select a existing distribution list: Big Pokororo Report • Name User Name Email Bernard Miville bernard.miville@nivia.co.nz
(iii) delete selec	(iii) delete selected list 🕢 add selected list 🖉 edit selected list 🛞 cancel

• You can also add registered FWSYS users to the distribution list if they belong to the same organisation as you. Click on the "find system user" icon (top menu), select a user, then click on the "save selected contacts" icon (lower right corner). You can then click on the "save distribution list" icon.

Fire Weather System v3.3.696.0			
 Report Manager Edit Distribution List 			ⓐ save distribution list ⓒ home
Recipients:	Add new recipient	id system user 🏾 👪 find	distribution list
Bernard Miville bernard.miville@niwa.co.nz	Search contacts		
	Name	User Name	Email
	✓ Kym Fowlie	t nrfa_niva_test	Zabe,Orchard@provoke.co.nz
(jjii) delete selected			Save selected contacts (X) cancel

- The selected FWSYS user will appear in the left panel.
- You can then save the distribution list again by clicking on the "save distribution list" icon.

Fire V	Veather System v3.3.696.0	<mark>⊚ ∰</mark> _ □ × <i>FW</i> S
¢	Report Manager Edit Distribution List	🛞 save distribution list ⓒ home
	Edit Distribution List Recipients: Bernard Miville Email Bernard Miville bernard.miville@niva.co.nz Kym.Fowlie@fire.org.nz	(@) save distribution list (@) home
	(jji) delete selected	(\mathbf{R}) save this recipient (\mathbf{X}) cancel editing this recipient

- Users can also be deleted from a distribution list.
 - 1. First click on the "find distribution list".
 - 2. Then from the dropdown menu select a distribution list.
 - 3. Then click on the "edit selected list" icon from the lower right menu.
 - 4. This will show the list of users in the left panel, you can then select one or more members.
 - 5. And click on the "delete selected" icon.

Fire W	Veather System v3.3.696.0	<u>₽</u> Fws					
€ Report Manager 1							
	Edit Distribution List	save distribution list home					
	Recipients:	Add new recipient					
	Name Email	add new recipient ind system user ind distribution list					
	Bernard Miville bernard.miville@niwa.co.nz Kym Fowlie Kym.Fowlie@fire.org.nz	Select a existing distribution list: Big Pokororo Report -					
		Name User Name Email Bernard Miville Dernard.miville@niva.co.nz					
	4	Kym Fowlie fowliek Kym.Fowlie@fire.org.nz					
	(iii) delete selected	(ii) delete selected list Ø add selected list Ø edit selected list Ø cancel :					
L	0	-					

Resource Sharing

Summary

The resource sharing tool allows users within the same organisation to share a workspace and new charts they have created.

• To access the Resource Sharing tool, click on the TOOLS options from the top menu then click on the Resource Sharing icon.

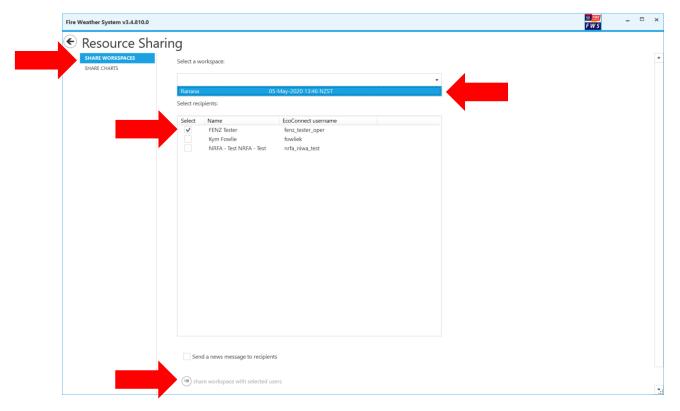
Fire Weather System v3.4.810.0	WORKSPACES CATALOGUE MY ECOCONNECT TOOLS SETTINGS HELP
€ Tools	
Alerts Manager Tools for managing your alerts.	
Bulk Data Download Tools for downloading bulk forecast and observation data.	-
Chart Builder and Template Creator Tools creating your own data charts and template.	
Grass Curing Input Manage grass curing data.	
Report Manager Create and schedule reports and manage their distribution	
Resource Sharing Share workpsaces and products.	

• This will display the Resource Sharing interface.

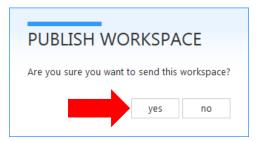
Fire Weather System v3.4.810.0				<u>♥</u> 287 _ □ FWS	×
Resource Shari share workspaces share charts	Select a workspace:				•
al INNE CLIMICIA	Select recipients:		*		
	Select Name	EcoConnect username			
	FENZ Tester Kym Fowlie NRFA - Test NRFA - Tes	fenz_tester_oper fowliek			
	Send a news message to reci				

Share Workspaces

- To share a workspace, you need to have at least one workspace saved in your account.
- First select the "SHARE WORKSPACES" option.
- Then select a workspace from the dropdown menu.
- Finally select one or multiple users from the recipients list.
- If you tick the "Send a news message to the recipients" they will also be informed on their Welcome page that a new workspace is available to them.
- Then click on the "share workspace with selected users" icon.



• This will ask you to confirm that you want to publish your workspace, select "yes".



• Click "ok" on the pop-up window.



• The selected users will now have access to the new workspace in their own Workspace area.

Share Charts

- To share charts with other users you need to have at least one chart in under "My EcoConnect".
- First select the "SHARE CHARTS" option.
- Then select a product by clicking on the "choose" icon.

<form></form>	Fire Weather System v3.4.810.0				e mar FWS
SHARE CHARTS Select a product: (Not selected) Select a product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) Select are product: (Not selected) NRFA-Test NRFA-Test fend; test nrfa; nina, test Select are product: (Not selected) Select are product; (Not selected) Select are product: (Not selected) Select are product; (Not selected) Select are product: (Not selected) Select are product; (Not selected) Select are product: (Not selected) Select are product; (Not selected) Select are product: (Not selected) Select are product; (Not selected) Select are product: (Not selected) Select are product; (Not selected) Select are product: (Not selected) Select are product; (Not selected) Select are product: (Not selected)		ing			
FENZ Tester fenz, tester, oper Kym Fowlie fowliek NRFA - Test nrfa_niwa_test				(c) choose	
			enz_tester_oper owliek		
() share chart with selected users		Send a news message to recipients			

• This will display the list of products available in "My EcoConnect".

Fire	Weather System v3.4.810.0				© 🔤 F W S	-	×
€	Resource Sha	ring					
	SHARE WORKSPACES	Select a product: (Not selected)	(k) choose	$(\mathbf{\hat{X}})$ cancel selection			*
		My EcoConnect - fenz_tester_oper	Ranana Raws; Observed Daily Fire Weather Index				
							•

• Click on a product in the list and the click on "select product".

Fire Weather System v3.4.810.0				© 🔤 FWS	 ×
€ Resource Sh	aring				
SHARE WORKSPACES	Select a product: Ranana Raws; Observed Daily Fir	e Weather Index	🛞 cancel selection		•
	My EcoConnect - fenz_tester_oper	Ranana Raws; Observed Daily Fire Weather Index			
		i more info ⊠ select product			
					 •

• Then select one or more users to share this chart with.

Fire Weather System v3.4.810.0				
🗲 Resource Sharir	าต			
SHARE WORKSPACES				•
SHARE CHARTS	Select a product: Ranana Raws; Observ	ved Daily Fire Weather Index	(choose	
	Select recipients:			
	Select Name	EcoConnect username		
	FENZ Tester	fenz_tester_oper fowliek		
	NRFA - Test NRFA - Test	nrfa_niwa_test		
	Send a news message to recipien	ts		
	() share chart with selected users			
	\bigcirc			
				.

- If you tick the "Send a news message to the recipients" they will also be informed on their Welcome page that a new chart is available to them.
- Then click on the "share chart with selected users" icon.
- This will ask you to confirm that you want to publish your workspace, select "yes".

PUBLISH CHART				
Are you sure you want to send this chart?				
yes	no			

• Click "ok" on the pop-up window.

SHARE PRODUCT.
OK. The following users received a copy of this product: fenz_tester_oper

 The selected users will now have access to the new chart in their own "My EcoConnect" section.

