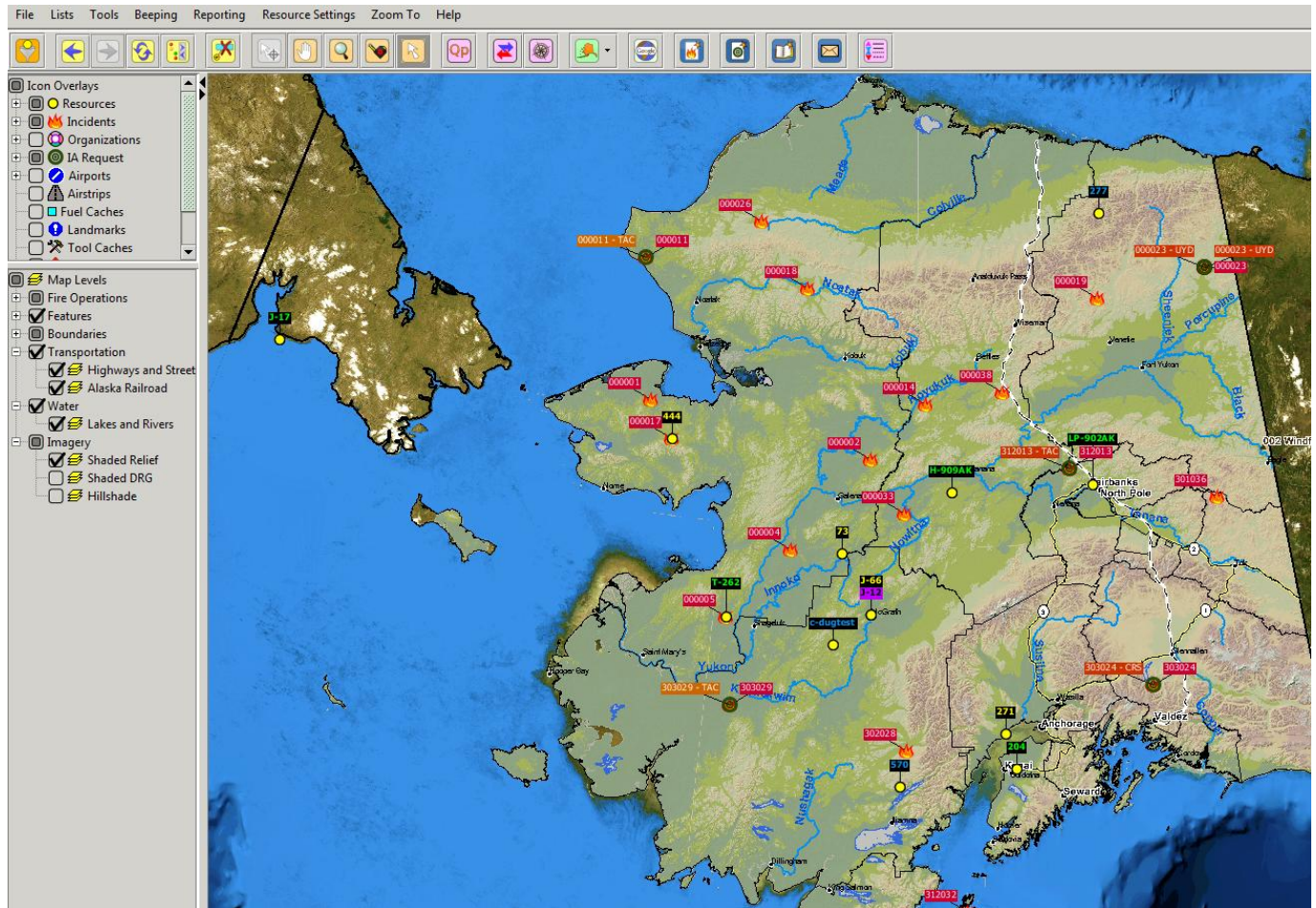


Integrated Fire Management Managers' Guide



IFM – Managers’ Guide

Introduction

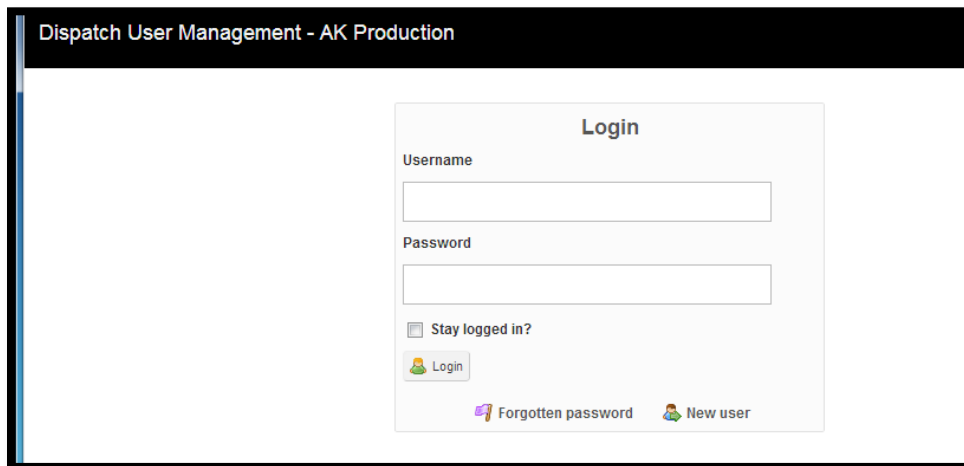
This guide is intended to assist managers in the use of the Integrated Fire Management (IFM) system. This system has been developed to provide managers with real-time information on new and on-going incidents and firefighting resource status, and to provide a common operating picture. It is intended, through the use of the capabilities described in this guide, that managers will be better informed to make strategic decisions on individual fires and statewide response and repositioning of resources. This application is web-based and therefore can be used from any computer with internet access.

Access

Create An Account

For first time users of the live, production version of IFM, go to the User Management webpage at

<http://dnratw-fordisp1.dnr.state.ak.us/akprod-user-provisioning/>

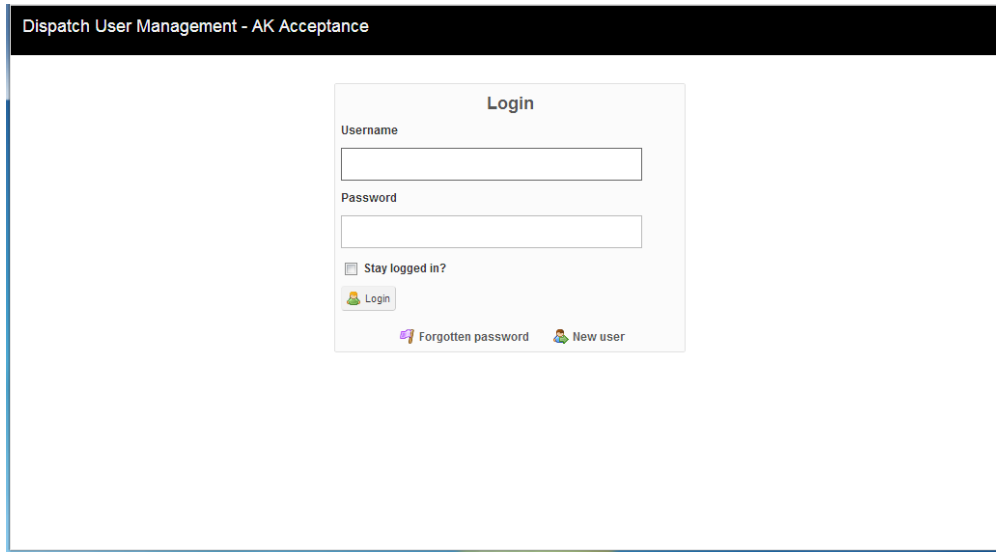


The screenshot shows a web browser window titled "Dispatch User Management - AK Production". The main content area contains a "Login" form. The form has two input fields: "Username" and "Password". Below the password field is a checkbox labeled "Stay logged in?". There is a "Login" button with a person icon. At the bottom of the form, there are two links: "Forgotten password" with a key icon and "New user" with a person icon.

For first time users of the training version of IFM, go to the Training User Management webpage at

<http://dnratw-fordisp1.dnr.state.ak.us:8080/akacpt-user-provisioning/>

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The screenshot shows a web browser window titled "Dispatch User Management - AK Acceptance". Inside the window is a "Login" form. The form has two input fields: "Username" and "Password". Below these fields is a checkbox labeled "Stay logged in?". At the bottom of the form are three buttons: "Login" (with a person icon), "Forgotten password" (with a key icon), and "New user" (with a person icon).

Click on the **New user** button on the lower right corner. Complete the information requested and click **Register account**.

You will receive an email shortly that allows you to activate your account. This activation will confirm your email address and prompt an email to be sent to the Administrative Manager of the system. Once the Administrative Manager has provided you access to the system, you will receive an email that includes a link to the IFM system.

Change or Reset Password

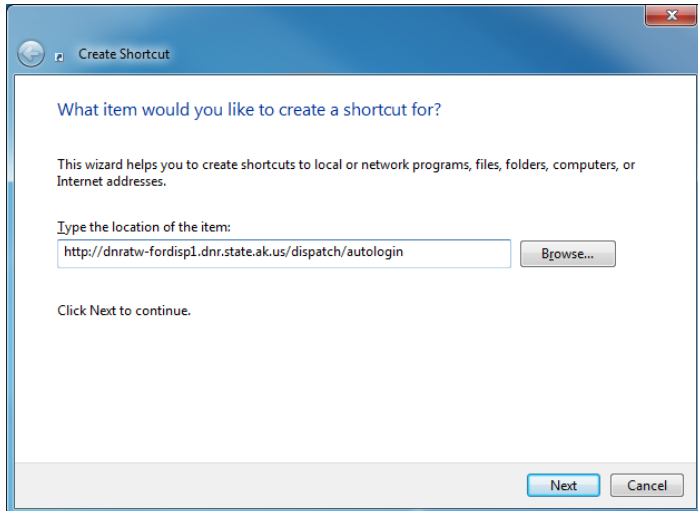
If you have forgotten your password, use the **Forgotten password** button at the User Management webpages for either the Production version or Training version of IFM. Enter the email address you used to set up your account and click **Reset password**. You will receive an email with your new password.

If you wish to change your password (there are no system requirements to do so), log in to the User Management webpage and select the **Change Password** button.

Create Shortcut on Desktop

Right click the mouse on the computer desktop. Select **New** and then select **Create Shortcut**. Paste the URL received in the email activating your account into the box.

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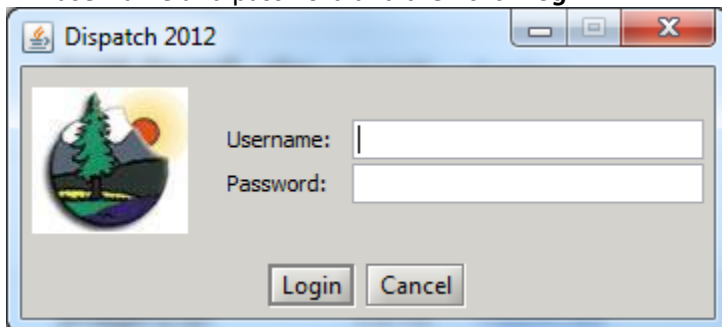
For the Production version: <http://dnratw-fordisp1.dnr.state.ak.us/dispatch/autologin>

For the Training version: <http://dnratw-fordisp1.dnr.state.ak.us:8080/dispatch/autologin>

Click **Next**. Type a name for the shortcut.

From inside the state network, you will find a shortcut on the Division of Forestry’s Internal Communications website.

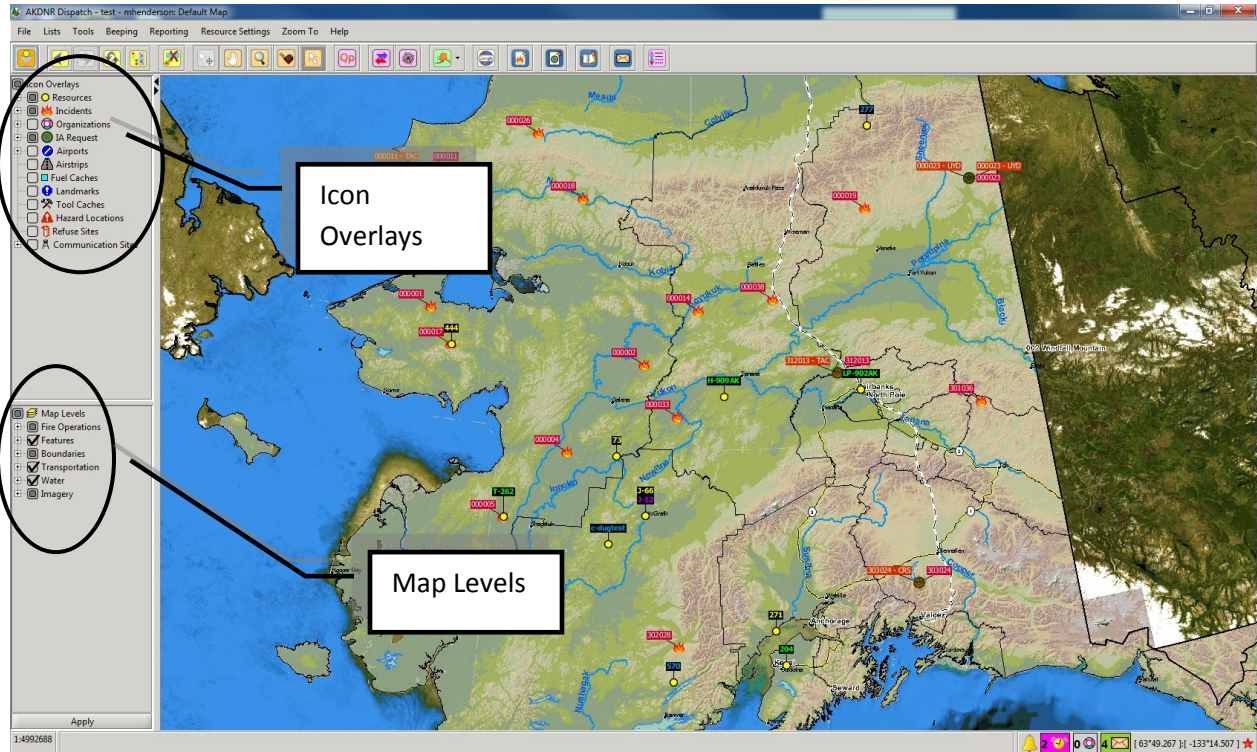
Once the application has been launched, you will enter your username and password. The username will default to your computer’s username and may be different than your IFM username. Type in your IFM username and password and then click **Login**.



Set Up Maps

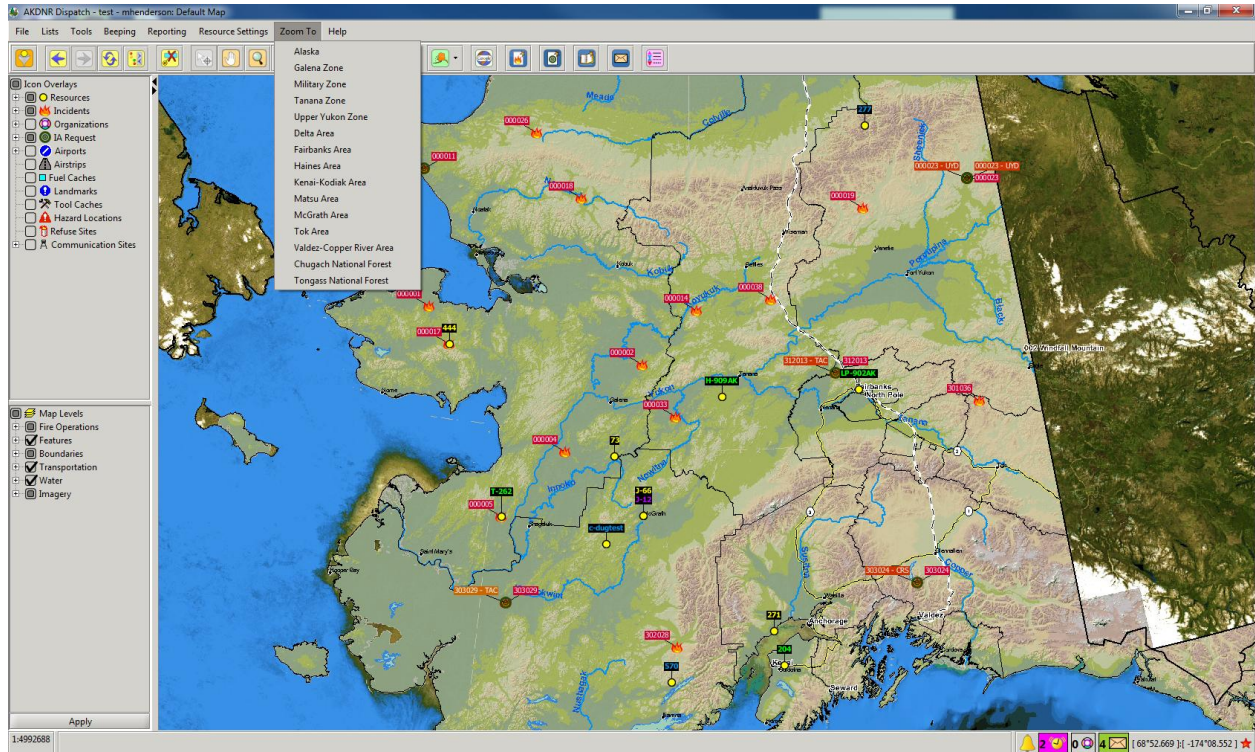
The map is one way to gain situational awareness using IFM. You can select what you want to see on your map. This can include fires that are in a variety of statuses (contained, controlled, etc), resources (aircraft, crews, and engines), Organizations (Area offices, National Forest offices), or other dispatcher controlled icons (tool caches, hazard locations, etc). You can also use the map to show much of the same information seen on the AICC mapping website. This includes some general spatial information (rivers, roads, towns, fire management options, general land status) and also fire specific information (perimeters, lightning, MODIS, and AFS fires).

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The first time the application is used, a default map of Alaska with no icons or overlays will appear. In order to set up your map, turn on the Icon Overlays and Map Levels that you want your map to default to. You can also use the *Zoom To* feature on the main menu to zoom into established locations on the map.

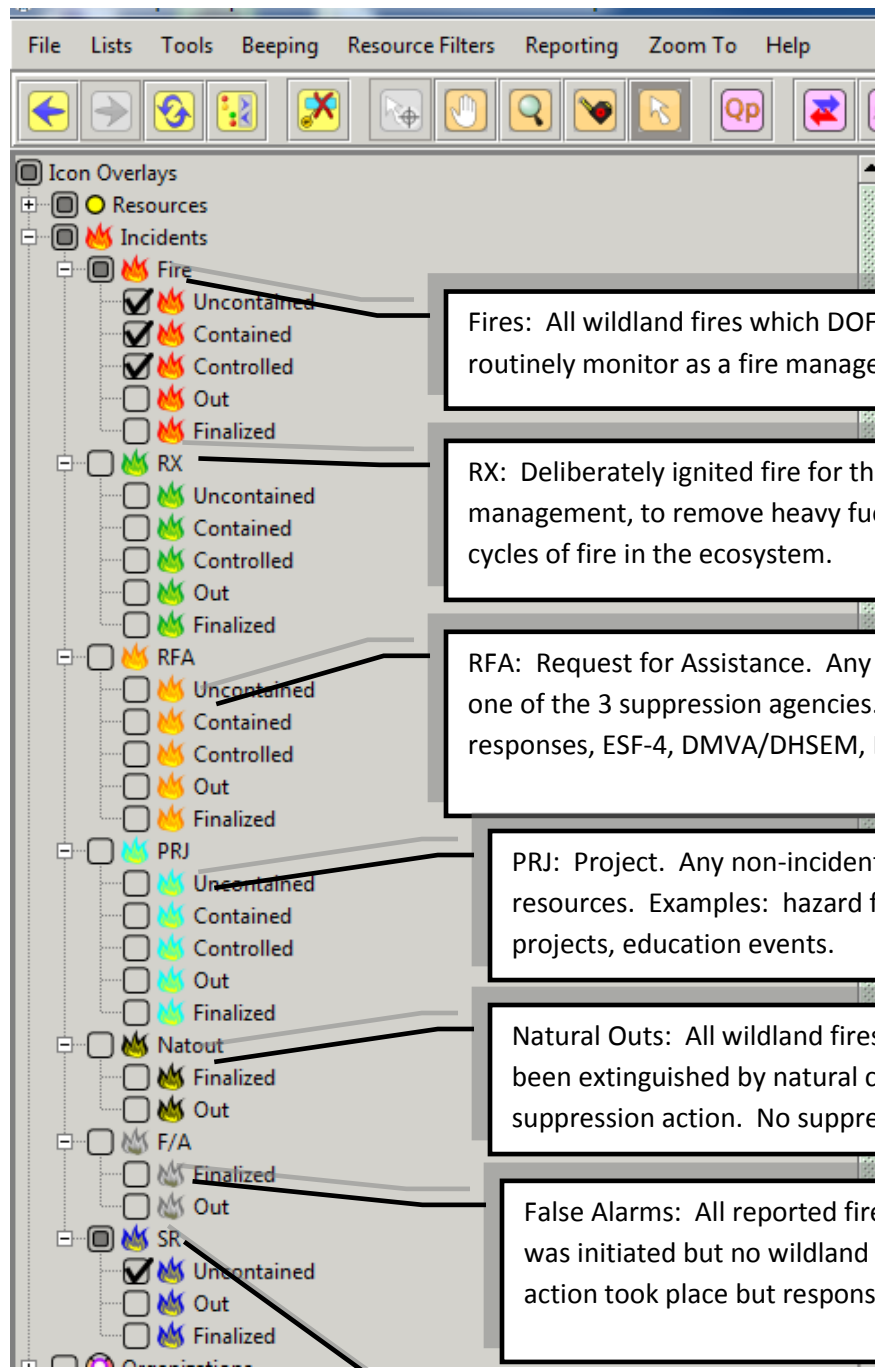
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From the list of Icon Overlays and Map Levels, select what you want displayed on your map by clicking on the box next to the item. A check mark will appear in the box once it's selected.

Icon Overlays

Fires:



The screenshot shows the 'Icon Overlays' tree view in the IFM software. The tree is organized as follows:

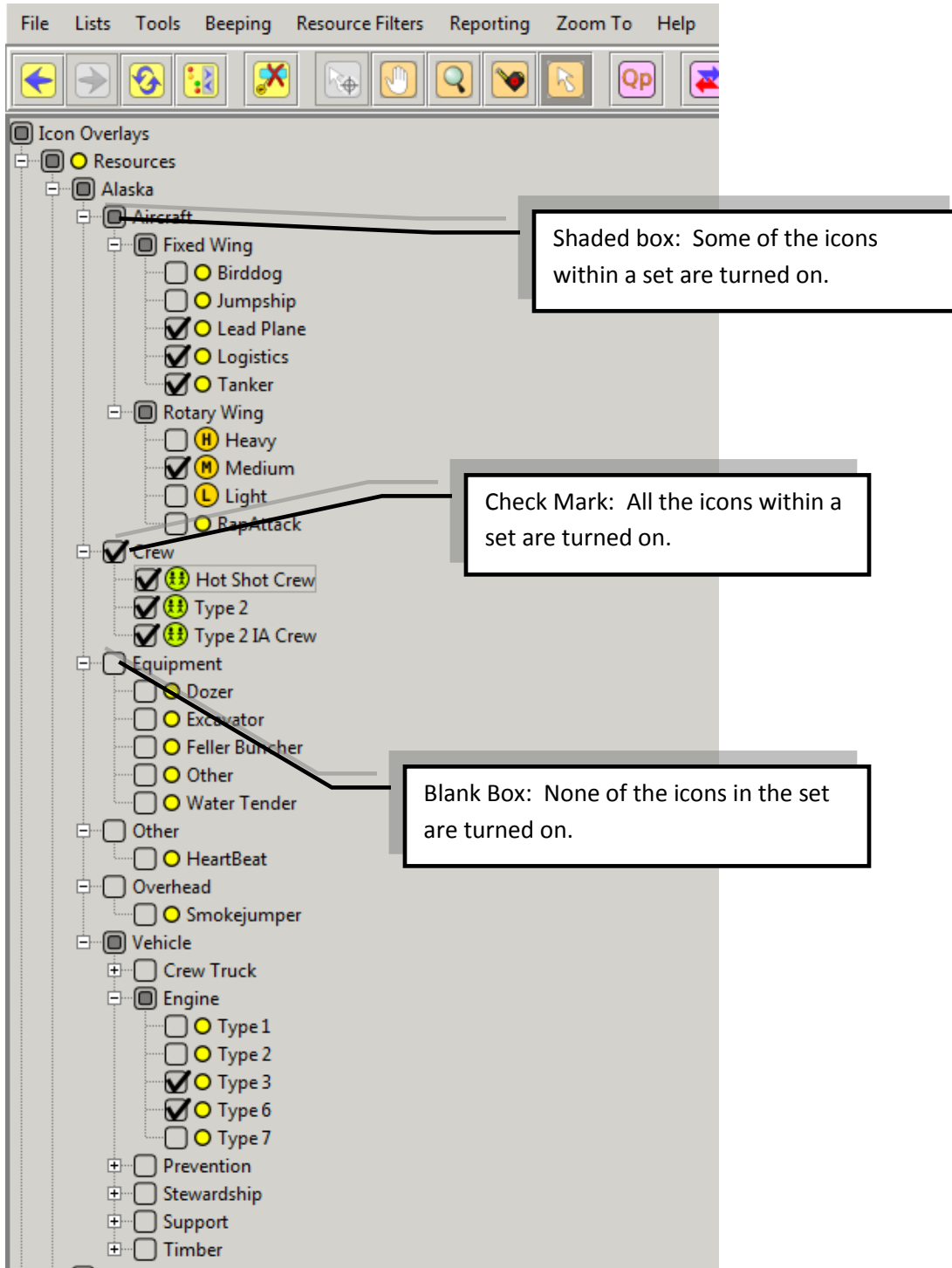
- Resources
- Incidents
 - Fire
 - Uncontained
 - Contained
 - Controlled
 - Out
 - Finalized
 - RX
 - Uncontained
 - Contained
 - Controlled
 - Out
 - Finalized
 - RFA
 - Uncontained
 - Contained
 - Controlled
 - Out
 - Finalized
 - PRJ
 - Uncontained
 - Contained
 - Controlled
 - Out
 - Finalized
 - Natout
 - Finalized
 - Out
 - F/A
 - Finalized
 - Out
 - SR
 - Uncontained
 - Out
 - Finalized

Callout boxes provide definitions for several categories:

- Fires:** All wildland fires which DOF resources attack, suppress, or routinely monitor as a fire management action.
- RX:** Deliberately ignited fire for the purpose for forest management, to remove heavy fuel buildup or simulate natural cycles of fire in the ecosystem.
- RFA:** Request for Assistance. Any incident not a fire managed by one of the 3 suppression agencies. Include: VFD fires, lower 48 responses, ESF-4, DMVA/DHSEM, Northwest Compact.
- PRJ:** Project. Any non-incident that requires the assignment of resources. Examples: hazard fuels projects, timber cruising projects, education events.
- Natural Outs:** All wildland fires which were discovered but have been extinguished by natural causes prior to initiation of suppression action. No suppression or monitoring has occurred.
- False Alarms:** All reported fires on which some type of response was initiated but no wildland fire was found and no suppression action took place but response costs were incurred.
- Smoke Reports:** All reported fires on which some type of response was initiated but no wildland fire was found and no suppression action took place and no costs were incurred.

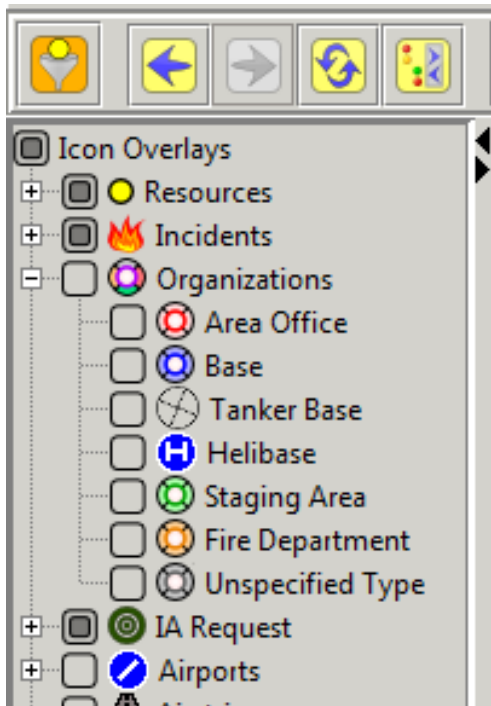
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Resources:



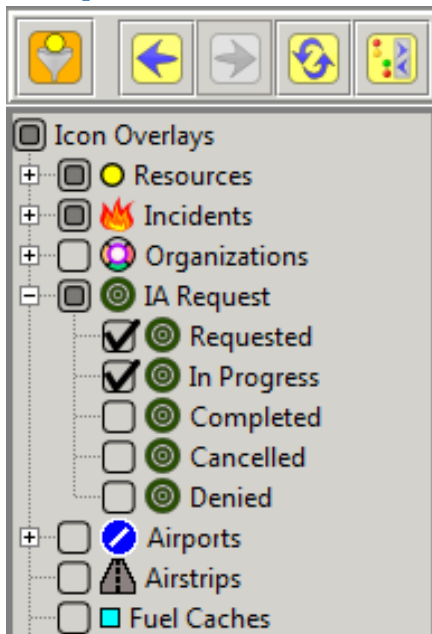
To turn all the icons within a set off or on – hold down shift key and select the ball. The resources are symbolized on the map for easy identification of resource status (See quick reference at end of this document).

Organizations:



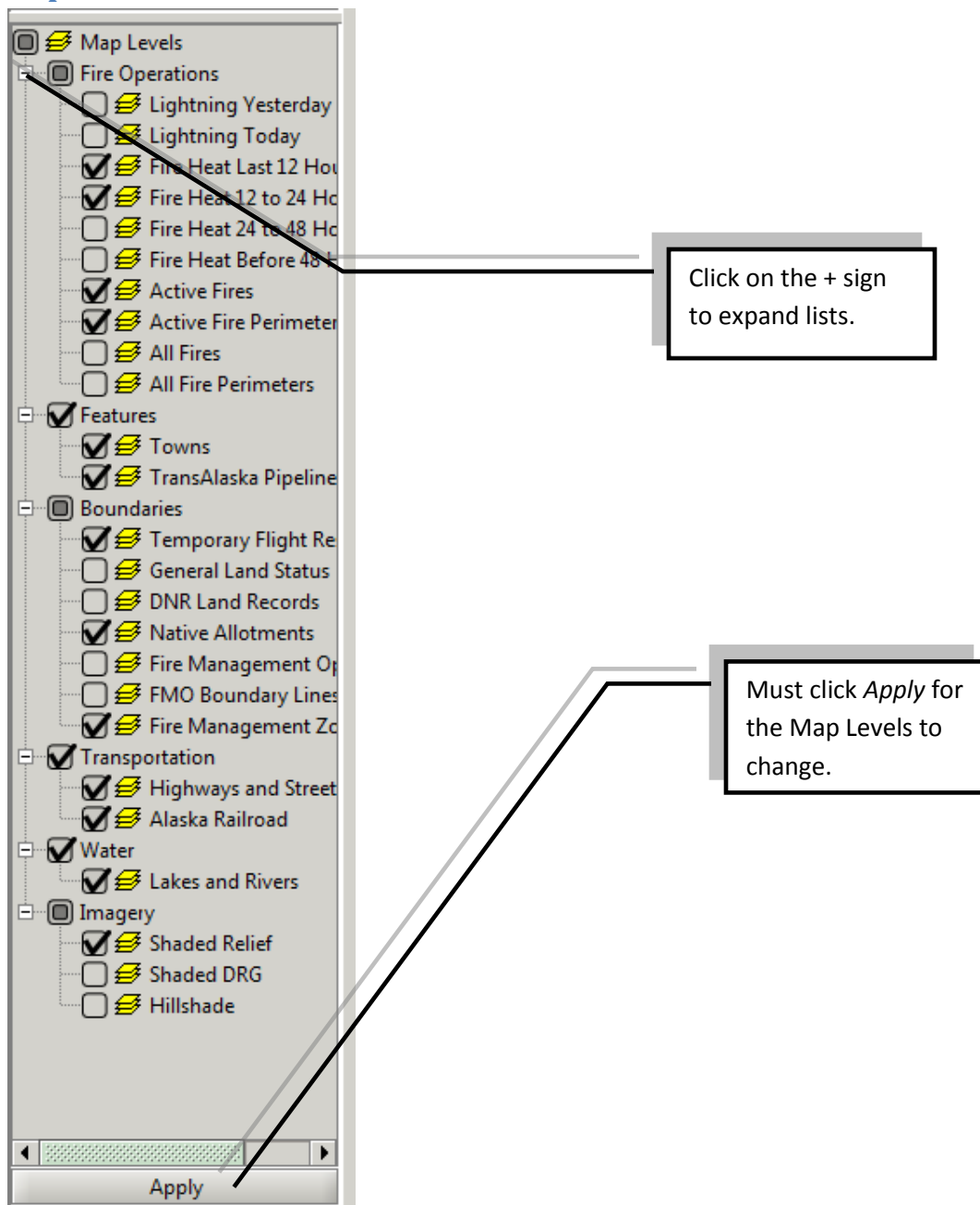
Organizations are stationary locations where resources can be assigned.

IA Requests:



IA requests indicate where statewide tactical resources (air tankers, ASM, smokejumpers) have been requested.

Map Levels

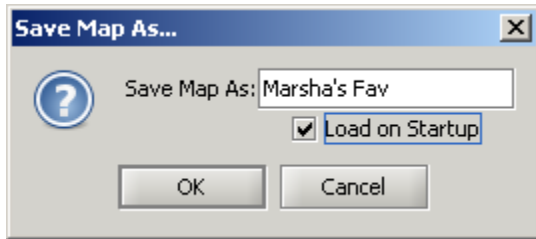


Set Up Default Map

Once you have determined what you would like your default map to look like, follow the following steps:

1. Click on File → Save Map As

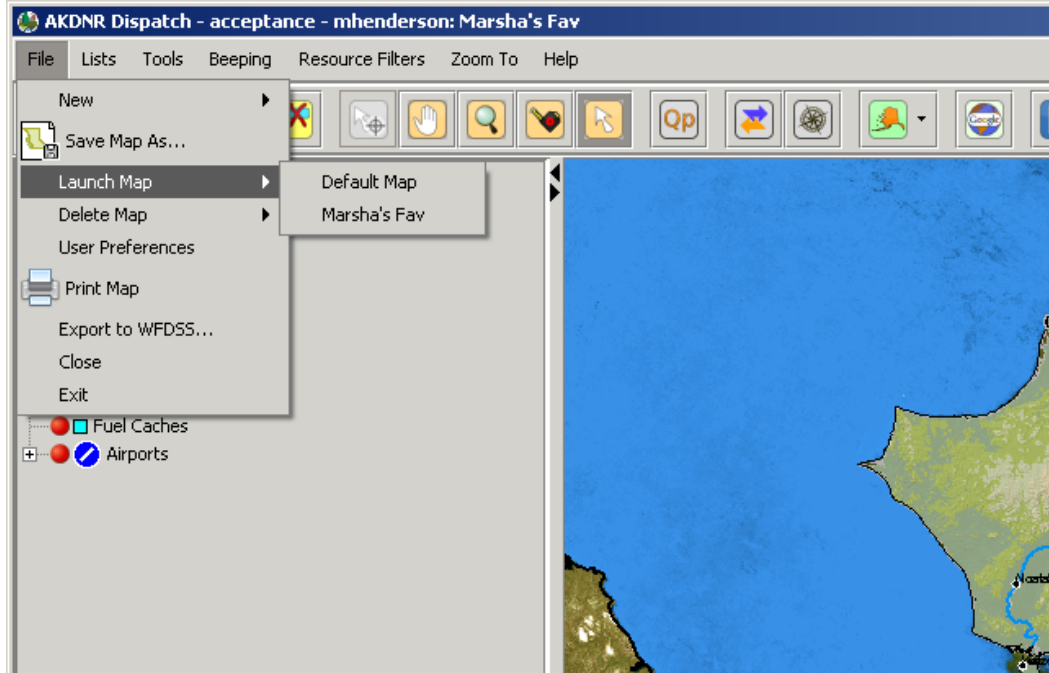
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2. Name your map. Click Load on Startup

3. Click OK

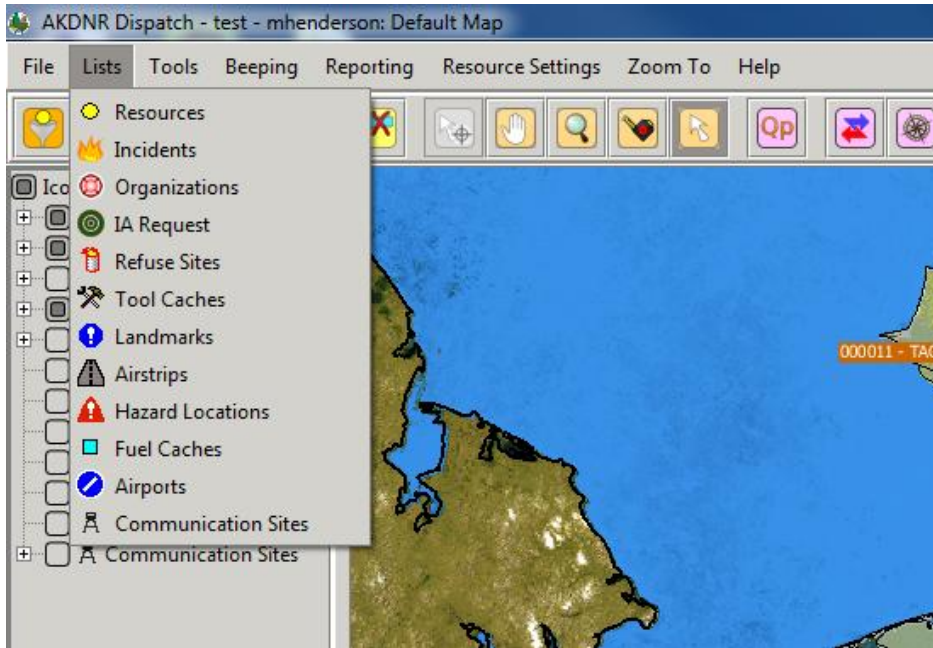
You can save various maps with specific views (different areas of the state, different resources turned on, different map layers turned on or a combination). Just name them each differently and only click **Load on Startup** for the map you would always like to open on startup in the application. Then you can launch your other maps from **File** → **Launch Map**.



Lists

Lists are a way for you to see information on all the Icon Overlays in a list format. This can be useful to you to filter what you want to see (i.e. new fires on your lands, resources in your area, etc). Select which list you would like to view by going to **Lists** on the main menu and selecting from the dropdown list.

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All lists are set up the same way so although the Incident List is used as an example below, each list will have the same features.

The screenshot shows the 'Incident List' window. It features a search bar at the top left, a table of incident data, and a summary section at the bottom. Callouts point to various features:

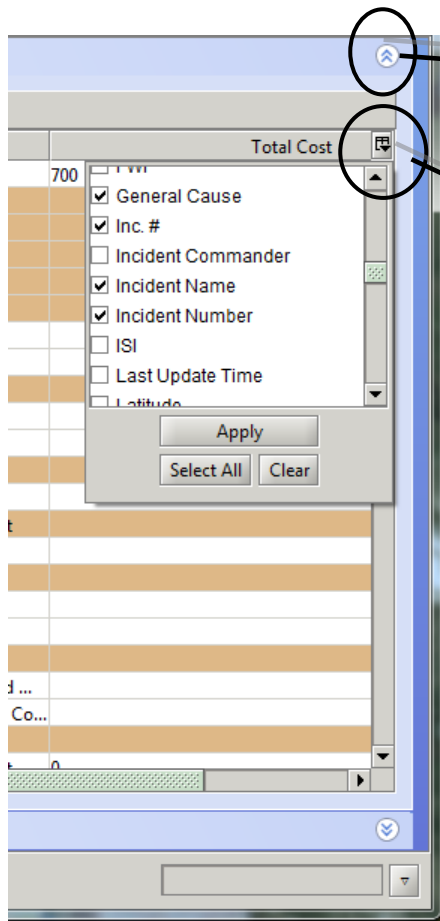
- Export list to Excel:** Points to the Excel icon in the top toolbar.
- List Filters:** Points to the search bar.
- Incident List:** Points to the main data table.
- Select list items:** Points to the selection checkboxes in the table.
- Incident List Summaries:** Points to the summary table at the bottom.
- Open/Close Panels:** Points to the expand/collapse icons on the right side of the window.

Incident Number	Type	Status	Management Office	Incident Commander	Size (acres)	Last Update Time	Night Report Req'd	Primary Admin Unit	Primary Protec
101002	F/A - False Alarm	F - Finalized	Mat-Su Area	Kevin Menkens	0.0	01/08/2013 11:14	NO	PRI - Private	Critical
101004	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/15/2012 09:49	NO	PRI - Private	Critical
101005	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/15/2012 10:11	NO	PRI - Private	Critical
101006	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/15/2012 10:14	NO	PRI - Private	Critical
101007	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/15/2012 10:17	NO	PRI - Private	Critical
101011	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/15/2012 11:11	NO	PRI - Private	Critical
101012	F/A - False Alarm	F - Finalized	Mat-Su Area	Kevin Menkens	0.0	09/14/2011 11:16	NO	PRI - Private	Critical
101013	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/15/2012 11:11	NO	PRI - Private	Critical
101014	F/A - False Alarm	F - Finalized	Mat-Su Area	Kevin Menkens	0.0	09/14/2011 11:16	NO	PRI - Private	Critical
101015	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/15/2012 11:11	NO	PRI - Private	Critical
101016	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/15/2012 11:11	NO	PRI - Private	Critical
101017	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	3.2	02/15/2012 11:45	NO	BURU - Borough/City	Full
101018	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	2.0	02/15/2012 11:45	NO	PRI - Private	Critical
101025	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	1.0	02/15/2012 12:29	NO	PRI - Private	Critical
101026	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/15/2012 12:33	NO	PRI - Private	Critical
101029	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/15/2012 12:37	NO	PRI - Private	Critical
101033	RFA - Request for Assistance	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/17/2012 11:25	NO	PRI - Private	Critical
101034	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/17/2012 11:28	NO	PRI - Private	Critical
101037	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/17/2012 11:37	NO	PRI - Private	Critical
101040	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/17/2012 11:41	NO	PRI - Private	Critical
101042	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/17/2012 11:45	NO	PRI - Private	Critical
101047	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/17/2012 11:56	NO	PRI - Private	Critical
101048	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/17/2012 12:00	NO	PRI - Private	Critical
101050	Fire - Wildland Fire	F - Finalized	Mat-Su Area	Kevin Menkens	0.1	02/17/2012 12:09	NO	PRI - Private	Critical

Status	Type	Night Report Req'd	Specific Cause	Detail Cause
F - Finalized 979	F/A - False Alarm 77	NO 1001	Campfire 146	Burn Barrel 8
O - Fire Out 5	Fire - Wildland Fire 445	YES 6	Children 28	Campfire 28
T - Controlled 1	Natout - Natural Out 5			Children 10
U - Uncountained 22	RFA - Request for Assistance 41			Cutting, Welding, Grinding 1
	RX - Prescribed Fire 13			Dump Fire 1
	SR - Smoke Report 426			Exhaust 3
				F/A 214
				Firearms Use 2
				Fireworks 6

Total: 1,007 (Matches: 1,007)

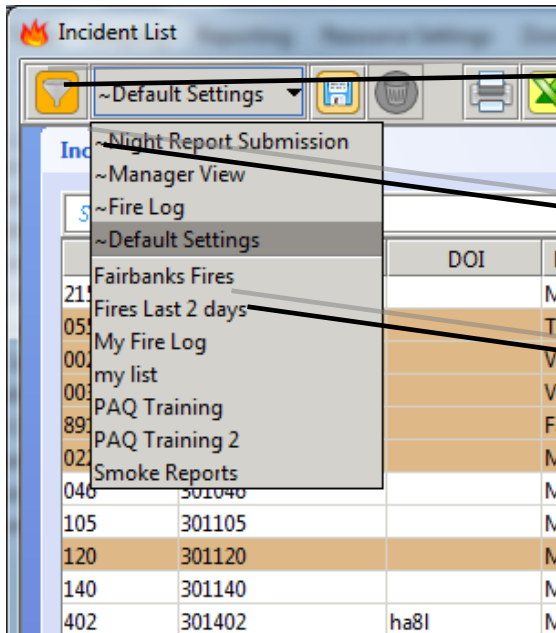
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Use the Open/Close Panel arrows to open or close the Incident List Filters, Incident List, or Incident List Summaries.

Use Select List Items to select what fields will appear in the list. You can also change the size and/or order of the items in the list by clicking on the title in the list and dragging.

Incident Filter Lists

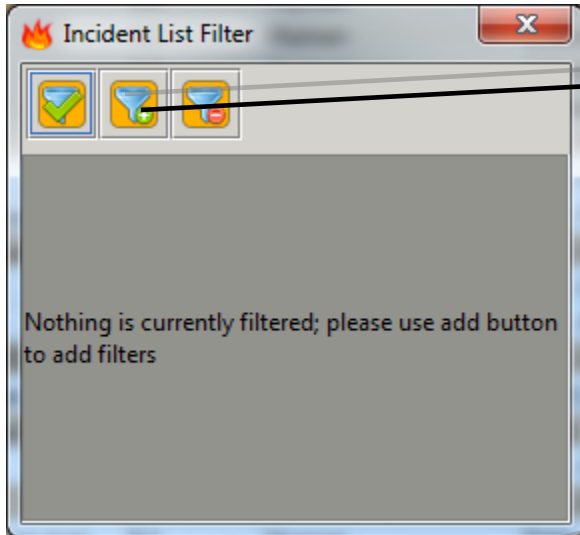


Click the filter button to create new filters.

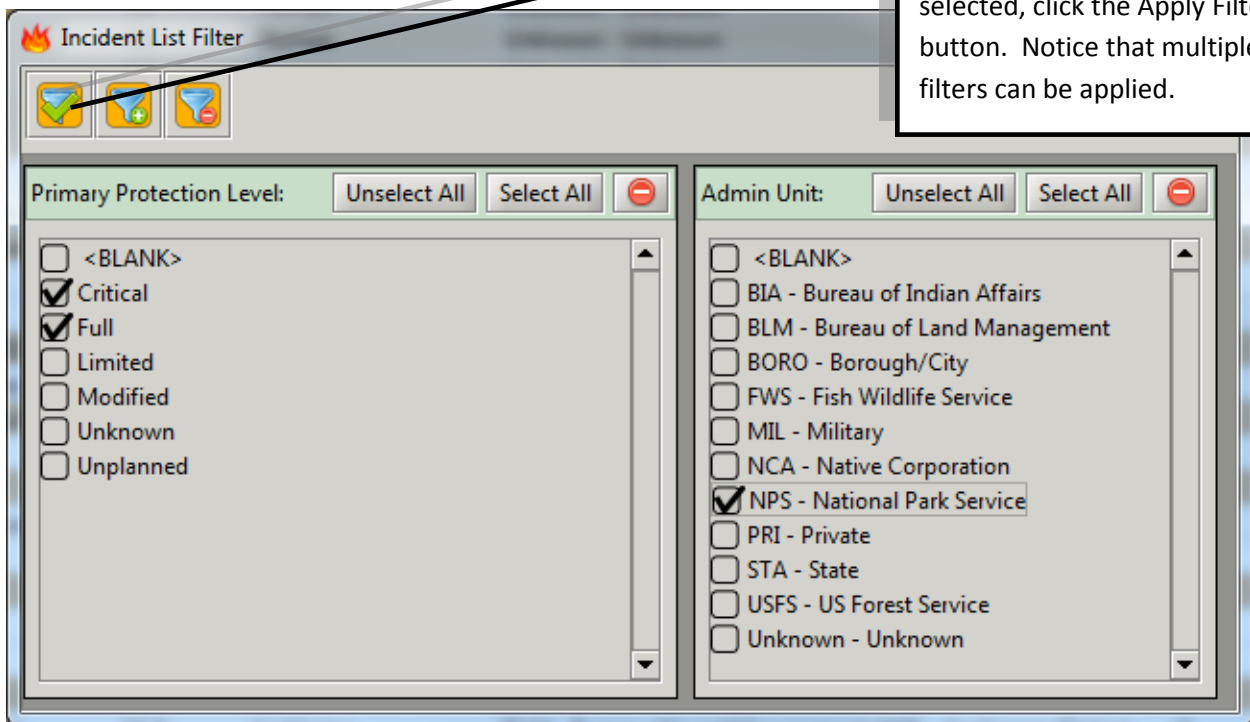
Filters with a ~ are global and are available for all users.

Filters without a ~ are created by a specific user and are available for only that user.


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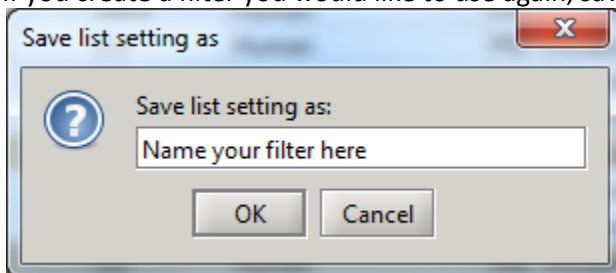


Click the Add a Filter button to add a new filter or additional filter.



Once criteria for the filter is selected, click the Apply Filter button. Notice that multiple filters can be applied.

If you create a filter you would like to use again, save the filter by clicking the Save Filter button .



Then name your filter and click OK.

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Incident List Summaries

Incident List Summaries:			
Status	Type	Night Report Req'd	Cause
C - Contained 4	F/A - False Alarm 89	false 281	F/A - False Alarm 9
F - Finalized 6	Fire - Wildland Fire 203	true 72	Human 56
O - Fire Out 238	Natout - Natural Out 5		Lightning 28
R - Reported 88	RX - Prescribed Fire 4		Unknown 260
T - Controlled 6	SR - Smoke Report 50		
U - Uncontained 11	VFD - Volunteer Fire Dept 2		

Total: 353 (Matches: 353)

All the Lists function in the same way. Select any of the Lists from the Menu.

View Fires

There are two different panels that contain incident information. One, the Incident Form, is where data from the Incident is input by the Dispatcher into a summary form. Two, the Radio Log, is where the activities that are occurring on the fire are input by Dispatchers.

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Incident Form

The screenshot shows the Incident Form for incident 311106. The interface includes a toolbar at the top with various icons. Three callout boxes provide instructions:

- Open Log Entry Form:** A callout box on the left points to a document icon in the toolbar, with the text: "Click the Open Log Entry Form button to open the radio log."
- View Change History:** A callout box on the right points to a circular arrow icon in the toolbar, with the text: "The View Change History button."
- Open Panels:** A callout box on the right points to a series of downward-pointing arrows on the right side of the form, with the text: "Open Panels"

The form fields include:

- Status: U - Uncontained
- Incident Number: 311106
- Incident Name: Ferry Roadside
- Incident Commander: Goyette
- Current Size (ac): 0.2
- Cause: General: Human, Specific: Equipment, Detail: Exhaust
- Dominant Fire Behavior: Rank 1
- Fuel Type: Grass
- Owning Org: Fairbanks
- Other Responding Agencies: VFD
- Complexity: [Dropdown]
- Fire of Interest:

The bottom section of the form contains several expandable panels, each with a summary line and a downward arrow on the right:

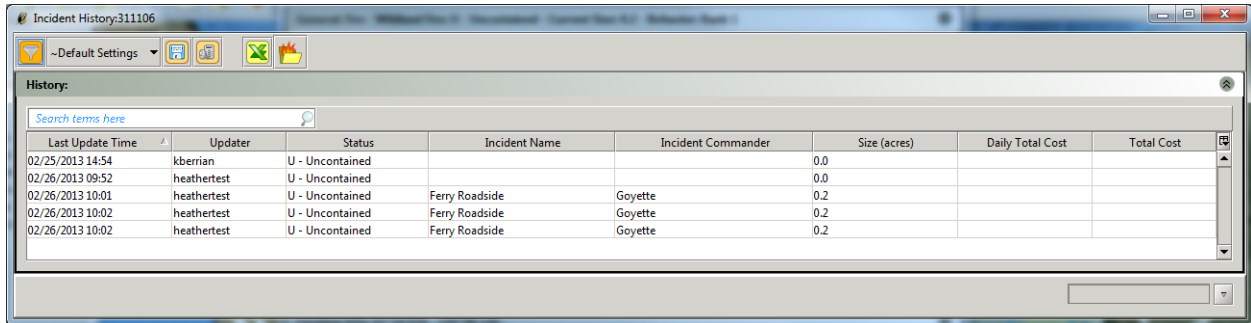
- Location Info: 63°59.920, -149°08.140 -
- Site Info: Topo: Unknown - Aspect: Unknown - Slope: Unknown - Elevation: Unknown
- Values at Risk: Daily Threatened: 0 - Total Lost: 0
- Incident Status Summary: Reported: 02/25/2013 14:54 - Reported Size: 0.0
- Land Status: 1 entry - Primary Admin Unit: DOT - Dept. of Transportation - Prot. Lev.: Critical - Size: 0.2 ac
- Incident Details: Roadside - Approved? (No)
- Night Report: Night Report Req'd? (Yes) - Tot. Cost to Date: \$0
- Resources:
- Attachments: 0

Last Update: 02/26/2013 10:02 (heathertest)

The Incident Form has 11 panels that can be opened for additional information. Open these panels using the arrows on the right side of the form. On the green banner above each panel is a summary of the information within the panel.

The Change History button can be used to look at when and by whom changes were made to the Incident Form. This Incident History has the same features as all the lists including Select Visible Columns, rearrange columns by clicking and dragging, and filters.

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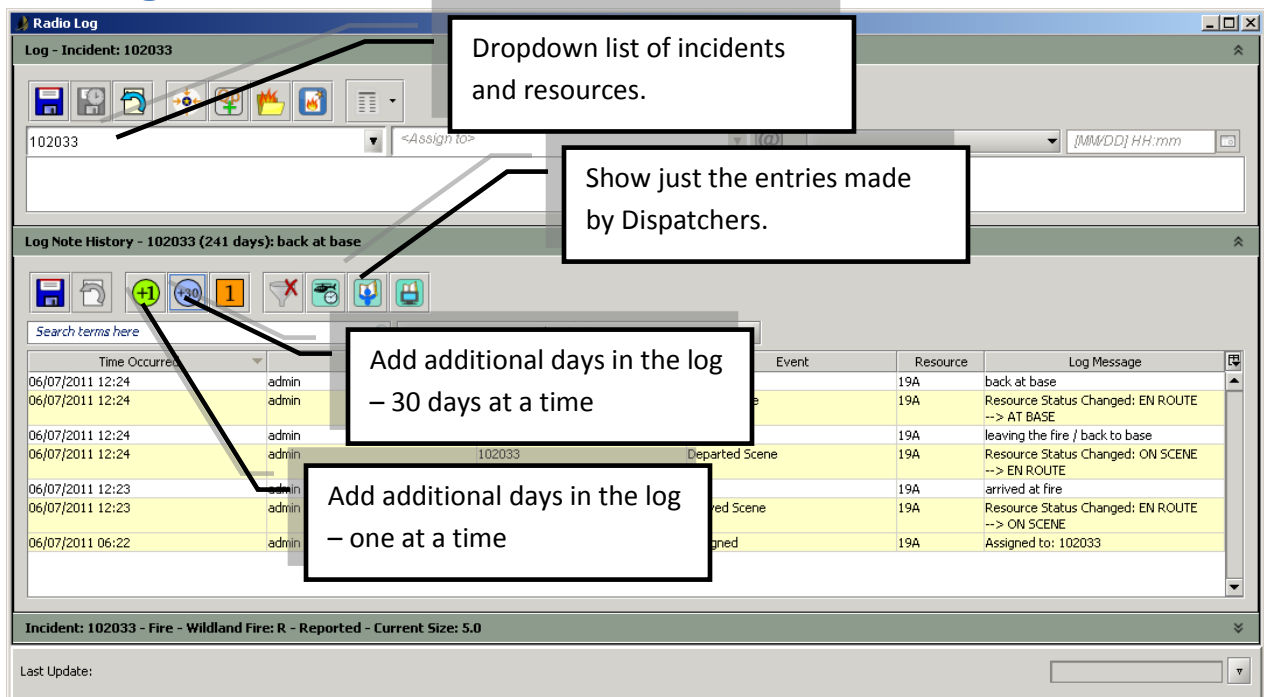
Incident History:311106

History:

Search terms here

Last Update Time	Updater	Status	Incident Name	Incident Commander	Size (acres)	Daily Total Cost	Total Cost
02/25/2013 14:54	kbermian	U - Uncontained			0.0		
02/26/2013 09:52	heatheritest	U - Uncontained			0.0		
02/26/2013 10:01	heatheritest	U - Uncontained	Ferry Roadside	Goyette	0.2		
02/26/2013 10:02	heatheritest	U - Uncontained	Ferry Roadside	Goyette	0.2		
02/26/2013 10:02	heatheritest	U - Uncontained	Ferry Roadside	Goyette	0.2		

Radio Log



Radio Log

Log - Incident: 102033

102033 <Assign to> [MM/DD] HH:mm

Log Note History - 102033 (241 days): back at base

Search terms here

Time Occurred	Resource	Event	Log Message
06/07/2011 12:24	admin		back at base
06/07/2011 12:24	admin		Resource Status Changed: EN ROUTE --> AT BASE
06/07/2011 12:24	admin		leaving the fire / back to base
06/07/2011 12:24	admin	102033 Departed Scene	Resource Status Changed: ON SCENE --> EN ROUTE
06/07/2011 12:23	admin		arrived at fire
06/07/2011 12:23	admin	red Scene	Resource Status Changed: EN ROUTE --> ON SCENE
06/07/2011 06:22	admin	igned	Assigned to: 102033

Incident: 102033 - Fire - Wildland Fire: R - Reported - Current Size: 5.0

Last Update:

Callouts:

- Dropdown list of incidents and resources.
- Show just the entries made by Dispatchers.
- Add additional days in the log - 30 days at a time
- Add additional days in the log - one at a time

The Radio Log can be opened for all resources and incidents by using the dropdown list and selecting the resource/incident of interest.

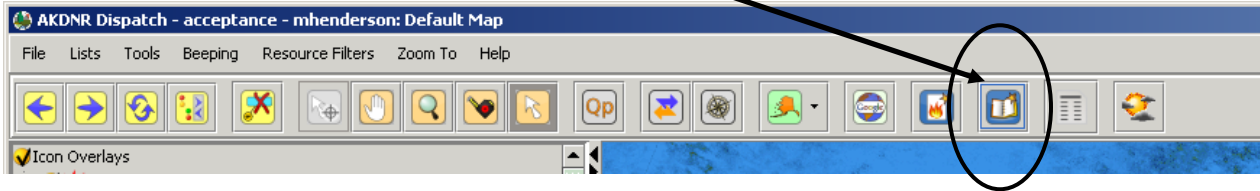
There are four different ways to open the Incident Form for an incident:

1. **From the Incident List:** Double click on the incident from the Incident List or click once and type "o".
2. **From the Map:** Double click on the fire icon on the map or click the tag for the incident.
3. **From the Quick Picks:** See the description below for setting up Quick Picks.
4. **From the Radio Log:** Click the folder on the toolbar.

There are three different ways to open the Radio Log for an incident or resource:

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1. **From the main toolbar:** Click the logbook icon.



2. **From the Incident or Resource List:** Click on the incident or Resource then type "I".

3. **From the Incident Form:** Click the logbook icon from the toolbar.

View Reports



There are currently seven reports available. The report button is found on the main toolbar, the Incident Form toolbar, and the Radio Log toolbar. Different reports are available from each of these buttons, click the down arrow on the button to see a list of all reports available from individual buttons. All the reports are displayed as .pdfs.

Incident Form Reports:

1. **Incident Report** – this is the final fire report. As data is input into the fields of the Incident Form this report will be populated. The Fire Status will be set to Finalized once all data and approvals have been completed.

A screenshot of the Incident Form report for "Mothershead". The report header includes the name "Mothershead" and the incident number "001081", which is circled in red. The header also features the "Division of Forestry" logo and "Alaska Department of Natural Resources". The report contains the following information:
Fire Status: F - Finalized
Incident Number: 001081
Incident Name: Mothershead
General Cause: Human
Latitude: 61° 33.010
DOI Fire Code: [blank]
Type: Fire - Wildland Fire
Specific Cause: Children
Longitude: -149° 03.300
USFS: [blank]
Management Office: Delta
Below this information is a "Land Status" section with a table:

Land Status Type	Admin Unit	Protection Level	Size	Primary
PRI - Private		Critical	0.0X	

2. **Incident Status Summary** – this report provides a summary of the contained, controlled, and out dates and times.

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Incident Status Summary:

Example

104123



Division of Forestry
Alaska Department of Natural Resources

Suppression Data:

Incident Status	Date	Size (ac)
Reported	01/18/2012 10:17	25.0
Contained	01/19/2012 10:43	50.0
Controlled		
Fire Out		

3. Historical Daily Total Costs – This report summarizes the daily estimated costs of the fire split by state costs, reimbursable costs, and other.

Radio Log Reports:

1. Log History Report – This report is a list of all the inputs into the radio log. This can be requested by incident or by resource. If you want to see the radio log for an engine open the Radio Log for that engine, select the Log History Report and identify the time period you wish the report for.

Resource Log History:

H-398EH



Division of Forestry
Alaska Department of Natural Resources

Type: Aircraft:Rotary Wing:Medium

Make/Model: BELL-212

Date Range:

08/01/2011 11:19 AKDT - 01/19/2012 11:19 AKST

Time Occurred	User	Deployment	Event	Log Message
01/19/2012 10:33	mhenderson	AK-0055	Arrived Scene	Resource Status Changed: EN ROUTE --> ON SCENE
01/18/2012 10:20	mhenderson	AK-0055	Rerouted	Rerouted to: AK-0055
01/18/2012 10:20	mhenderson	AK-0055	Assigned	Assigned to: AK-0055
09/27/2011 15:51	BlueSkyAK	Mat-Su	Departed Base	Based on location, H-398EH Departed Delta
09/27/2011 15:30	BlueSkyAK	Mat-Su	Arrived Base	Based on location, H-398EH is At Base Delta
08/03/2011 09:33	BlueSkyAK	Mat-Su	Departed Base	Based on location, H-398EH Departed Station D5
08/03/2011 09:31	BlueSkyAK	Mat-Su	Arrived Base	Based on location, H-398EH is At Base Station D5
08/03/2011 09:31	BlueSkyAK	Mat-Su	Departed Base	Based on location, H-398EH Departed Delta

2. Active Duration Report – this report summarizes the length of time engines, aircraft, and crews have been assigned to an incident. It also summarizes the cost of those resources for that duration. If you want to know what incidents an engine has been assigned to, open the Radio Log for that engine, select the Log History Report and identify the time period you wish the report for.

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Active Duration Report: TQH		Division of Forestry Alaska Department of Natural Resources			
04/03/2013 00:00 - 04/05/2013 23:59					
Incident/Area Office	Start Time	Events	Duration (h)	Rate	Cost
000019	04.05.2013 13:14	EN ROUTE -> AT BASE	0.7	\$1,600.00	\$1,120.00
000017	04.05.2013 12:53	Tracking Started -> Reassigned	0.3	\$1,600.00	\$480.00
000017	04.05.2013 12:16	Tracking Started -> Tracking Stopped	0.3	\$1,600.00	\$480.00
Delta	04.05.2013 10:01	Tracking Started -> Tracking Stopped	1.4	\$0.00	\$0.00

3. Active Duration Summary – this report summarizes by resource per incident or by incident per resource. Duration and cost are both summarized.

Main Toolbar Reports:

1. Incident Status List – this report summarizes by Area/Forest for new fires, active fires, and out fires. This is a quick report to see what’s new or out by Area. A better way to see this may be through filtering incident lists.

Quick Picks

Using the Quick Picks tool is an easy way to access specific incidents or resources that you want to keep track of. The Quick Picks tool is found on the main toolbar, the Incident Form toolbar, and the Radio Log toolbar.



The Quick Picks tool will stay on top of anything you may have open on your computer and will allow you access to the incidents, resources, and Area offices that you want instant access to. All the forms (Incident Form, Radio Log) have Quick Pick buttons in their menus. If you have an Incident Form open for a fire you’re interested in and would like to add it to your Quick Picks, just click the QP button and that fire will be added. The same is true for resources or incidents you have open in the Radio Log, click the QP button and that incident or resource will be added to your Quick Picks. They will remain there and be available to you if you log off and log back in. The only way to remove them from your Quick Picks is to click on it and then hit delete. This only deletes it from your list, not the system.

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Incident	Status
Belly Up	U - Uncontained
AK-0051	U - Uncontained
AK-0050	R - Reported
AK-0027	U - Uncontained
104123	C - Contained
010101	C - Contained

Callsign	Status
D-61	ON SCENE
F-66	ON SCENE
F-69	ON SCENE
H-398EH	ON SCENE
H-59633	ON SCENE
H-909AK	EN ROUTE
N-57954	ON SCENE
T-238	EN ROUTE
T-455	EN ROUTE

Organization Code	Organization Name
TAS	Tok Area

Saved 1 resources.

Drop down list of Resources/Incident/Offices or start typing the Incident Number, Call Sign, or office name.

List of selected Incidents. To open the Incident Form, select and hit "o". To open the Radio Log, select and hit "l" or double click on the item.









List of selected Resources. To open the Incident Form, select and click "o". To open the Radio Log, select and hit "l" or double click on the item.

List of selected Offices. To open the Incident Form, select and click "o". To open the Radio Log, select and hit "l" or double click on the item.

Quick Reference for Resource Status Colors

The status of a resource can be determined by the resource flag and font color. These icons can be updated through Automated Flight Following devices feeding point locations to satellites/ cell towers or they can be user-edited. The flag color is based on In Service vs. Out of Service, Assigned vs. Unassigned and Tracking vs. Not Tracking.

There are seven different flag colors that define resource statuses:

-  **Yellow flag/ black text:** signifies Assigned and had a recent position update (tracking)
-  **Black flag/ yellow text:** signifies an Assigned and non-tracking resource
-  **Green flag/ black text:** signifies Available and had a recent position update (tracking)
-  **Black flag/ green text:** signifies an Available and non-tracking resource
-  **Blue flag/ black text:** signifies Out of Service and had a recent position update (tracking)
-  **Black flag/ blue text:** signifies an Out of Service and non-tracking resource
-  **Red flag/ black text:** signifies a resource previously yellow, that has lost tracking for a period longer than 10 minutes
-  **Purple flag/ black text:** signifies a resource is overdue for a check-in. See Log Entry for details.

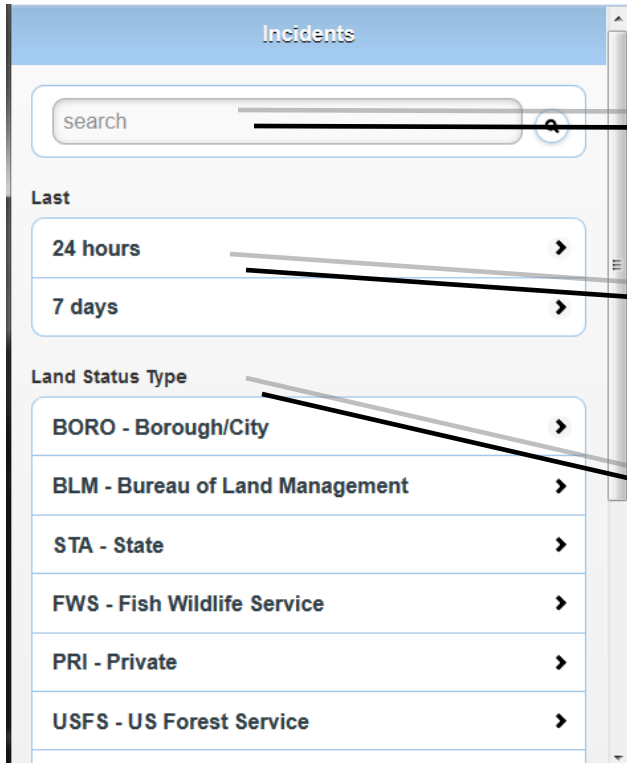
Mobile IFM

Incident updates in IFM can be viewed on a smart phone or tablet (touch screen). Click on the link below and enter your regular IFM account details.

<http://dnratw-fordisp1.dnr.state.ak.us/dispatch/m/>

You can search for a specific incident name/ number or filter the incidents by time range (Last 24 hour or 7 days) or Land Status Type.

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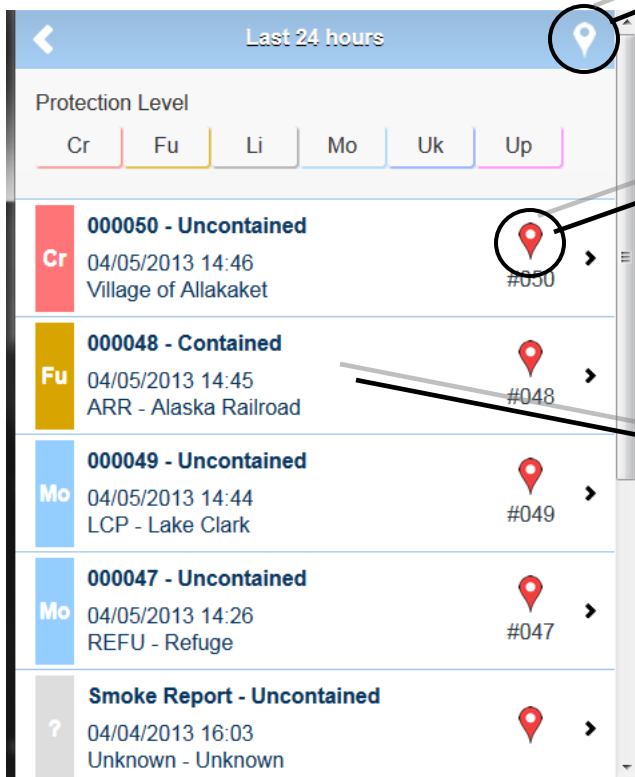


Search for incidents by Name or Number

Filter Incidents by time range

Filter incidents by Land Status type (the land where the incident started).

Filtered Incidents:



Select the map icon to open a map with all of the incidents listed below ('Last 24h' in this example)

Select the map icon to open a map of the single incident

Select any incident to view specific details about the incident

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Detailed information is available for single incidents:

The screenshot displays the incident details for incident # 000050. At the top, there is a back arrow, the incident number '000050', and a location pin icon. Below this is a fire icon with '5 ac' and the text 'Wildland Fire Uncontained'. A list of details follows: Incident # 000050, Type Wildland Fire, Protection Critical, Primary Admin Village of Allakaket, Complexity (blank), Of Interest No, Threatened No, and Tankers Yes. At the bottom, under 'Details', it says 'Reported 04/04/2013 16:05'. Callout boxes point to the location pin icon and the 'Village of Allakaket' text.

Incident #	000050
Type	Wildland Fire
Protection	Critical
Primary Admin	Village of Allakaket
Complexity	
Of Interest	No
Threatened	No
Tankers	Yes

Reported 04/04/2013 16:05

View log notes for this incident that have been entered via IFM

Land ownership for where the incident started

Mobile Map view.

The screenshot shows a mobile map view for incident # 000048. The map displays a fire icon at Swatch Lake. A callout box provides details: 000048 more info, Number 000048, Name Swatch Lake, Reported 04/04/2013 16:21, Size (ac) 3, and Status Contained. Callout boxes point to the 'more info' link and the map navigation tools.




Return to detailed incident information (link)

Google map tools for browsing the map

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BUTTONS / ICONS	DESCRIPTION
	Back/ Forward: allows users to move through the map history
	Reset Map: resets map to last saved state
	Turn On/Off Legend: retracts or expands the Icon and Map overlay legends
	Turn On/Off Icon Flags: when the map gets cluttered with icons (turns off all flags except for resources)
	Pan: used for navigating around the map area at the same zoom level
	Magnify: alters the map scale by zooming in or out
	Measure: ability to measure lines, areas or curved lines (Alt S) on the map
	Select: used for opening up detailed information for icons displayed on the map
	Quick Picks: a pop-up that allows the user to have quick access to their Incidents, Resources and their Base logs and forms.
	Location conversion (LOCO): allows user to convert between various coordinate formats and perform a Google location search
	Bearing & Distance: used for determining the bearing and distance from a specified icon to a specified location on the map
	Modis map Engine: allows users to view potential fire detections
	AFS map Engine: various map overlays provided by AFS
	Selkirk map Engine: basic map overlays
	Google Earth: launches Google Earth in the web browser
	Create a new incident: opens empty incident form
	New IA Request: creates a new IA Request form
	Log Entry Form: a place to enter radio logs for Resources, Incidents or Area Offices
	Reports: launches various pdf reports from other forms (eg: incident)
	AFS map legend: a map legend based on what map layers are currently enabled
	Save with Check-in: saves changes and updates the check-in time (if there is a default set)
	Save without Check-in: saves changes without updating the check-in time (if there is a default set)
	Revert: reverts any unsaved changes
	Center Map: centers the map on the icon that is associated with the form that is currently open (note must enable icon type)
	Crosshairs: puts red crosshairs on the map to show the icon location
	Add to QP: this button adds the Incident/ Resource to the Quick Pick List from the form

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	Move to: moves the Resource to the Incident or Base location (as listed in the field beside)
	Open Resource Form: opens the resource form for the resource currently selected in the log entry
	Open Incident Form: opens the incident form for the incident currently selected in the log entry
	Copy to TTY: copies a few defined fields to the clipboard in order to paste them in the TTY (Ctrl V)
	Opens an email pre-populated with incident form details
	Open incident History viewer: shows all changes for all fields on the form
	Add file/ Add Row: attach a file to the incident form (uploads to remote server) or Add a new row to a table
	Remove file/ Remove Row: removes an attachment from the incident form or a Row from a table
	Open file: downloads locally, prompts to save, then opens the file
	Deletes the Incident form (should only be used when incident is created by mistake)
	Filter: opens the List filter or
	Add filter: choose which filter options you would like to use
	Remove filter: remove certain selections from your current filter
	Apply filter: apply current filter selections to your list/ resource icon overlay
	Column selector: choose which columns to appear in a List/ Table
	Add Log History: add one day to the current history
	Add Log History: add one month
	Log History: show one day of log history (since midnight)
	Un-filter: removes any filters applied to the Log History
	Show Duration Events: filters the Log History to show resource statuses that trigger durations to start or stop
	User Entered Logs: filters the Log History to show only user-typed log notes
	System-generated Logs: filters the Log History to show only system-generated log notes
	Set Lat Lon: fills in the coordinates based where you have clicked on the map
	Lock Coords: the lat and long fields become un-editable on the incident form
	Retract all panels: quickly close all panels
	Unload History: Remove resource history trail from the map