

WildCAD

User Guide

Version 6.3.1

Bighorn Information Systems
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OVERVIEW

WildCAD is a GIS-based Computer-Aided Dispatch (CAD) system developed by Bighorn Information Systems for wildland fire agencies. WildCAD is targeted for Emergency Communications Centers of all sizes.

Features

- Multiple Response Types – e.g. wildland fire, HAZMAT, law enforcement.
- Automated Run Cards based on user-defined criteria.
- User-defined GIS layers: response areas; transportation; recreation base map image; hazards; public land survey system; vegetation; historical fires/incidents.
- Rapid, easy incident initiation and resource status.
- Complete database of incidents, dispatches, and dispositions.
- Variety of reports.

WildCAD6

In WildCAD versions through 5.0, your data – information about Resources, Incidents, Daily Log, etc. – were stored in a Microsoft Access database (WildCAD.mdb). Access is Microsoft's low end database. Their higher end database, Microsoft SQL Server, offers increased stability and security. ("SQL" stands for Structured Query Language".)

In order to address security concerns, the Department of Interior's Office of Wildland Fire (OWF) placed a contract order to upgrade all existing site licenses to WildCAD6, which was built using SQL Server. That change, moving from Access to SQL Server, is one of the two major changes in WildCAD6.

The other is that Bighorn has enhanced WildCAD6 to communicate with IRWIN (Integrated Reporting of Wildland fire INformation), a project managed by OWF described as "an end-to-end fire reporting capability that provides an integrated and coordinated process for collecting and reporting incident/event data."

Other than those two changes, you should see a common interface and features between WildCAD5 and WildCAD6.

Almost all screens are identical to WildCAD5, although you might find small differences (for example, you can now double-click on your name when logging in instead of selecting and then clicking "Login").

The significant differences are on the Incident Screen, where changes allow your incidents to communicate with other systems via IRWIN.

Format of the WildCAD User Guide

The WildCAD User Guide is designed to lead a dispatcher through a typical duty day. The Sections are broken down into nine major headings.

- **Dispatch Introduction** – which gives an overview of four key screen you will normally want to have opened in WildCAD
- **General Functions** – is the log in, preferences and system administrator mode descriptions as you first start up WildCAD.

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- **Daily Routines** – group together the functionality of WildCAD that is dealing with the update that only occur either daily, weekly or as needed.
- **Opening Operations** – are the screens in WildCAD that are open at the start of each shift.
- **Incidents** – explain how to use the incident screens and associated incident tabs.
- **Incident Record Management** – deals with how to find and manage incident records in WildCAD
- **Tools** – this section describes the use to all the tools available to the dispatcher,
- **Reports** - there are five different report groups that allow you to product over 25 reports and the ability to create any number custom reports.
- **Utilities** – provide a variety utilities and windows in the database structure of WildCAD.

DISPATCHER INTRODUCTION

Welcome to WildCAD!

While there are many advanced features in WildCAD, the core business of managing an Incident is really quite simple.

There are four screens you will normally want to have opened in WildCAD. Each can be opened with a shortcut key:

F5 (or, View Menu - Map): Opens the WildCAD map. Allow several seconds for the map to load.

F7 (or, Incidents Menu - Resource Status): Opens the screen where you can perform status changes that are not related to Incidents, such as "In Service".

F8 (or, Incidents Menu - Open Incidents): Opens the screen that displays existing, open Incidents.

F12 (or, View Menu – Daily Log): Opens the screen that display the “Daily Log” where you can document the activities not directly related to a specific Incident.

One more shortcut key is frequently used: F9 will start a new Incident, although you will have to enter all information such as location and Response Area.

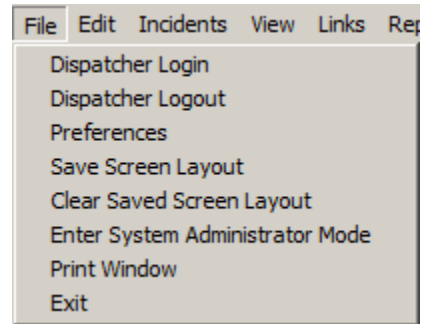
The easiest way to start a new Incident is to go to the “Find” button in the lower left of the Map window, enter the information as it is reported to you and click “Go”, this will locate the incident on the map and you click the “New Incident” button. If you know the map location you can use the map, find the location of the Incident, and click the "New Incident" button. Or

Although it is possible to leave numerous Incident windows opened on your screen in WildCAD, it is recommended that you do your work in an Incident window and then close the window by clicking on the "x" in the upper right corner.

The following pages step you through the various menus in WildCAD. Many of them are intended for advanced users, but all dispatchers should pay particular attention to the Map section and the Incident section.

GENERAL FUNCTIONS (File Menu)

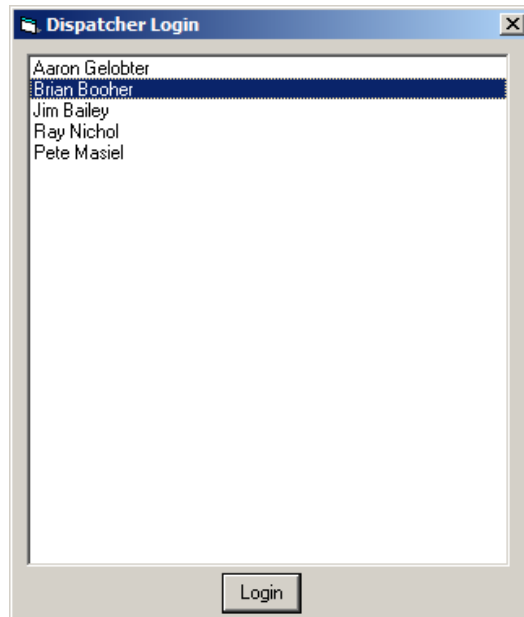
The File Menu is used to perform a variety of functions in WildCAD.



Dispatcher Login

File => Dispatcher Login or Dispatcher Logout

The first item requires Dispatchers to Login to WildCAD; this is the same window for a Dispatcher to Logout or double-click on your name when logging in instead of selecting and then clicking “**Login**”.

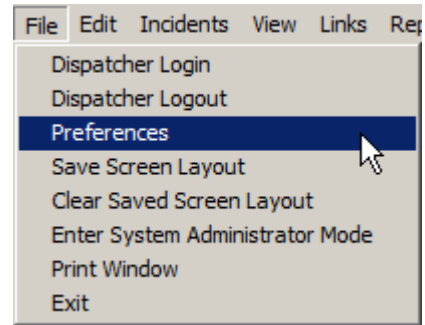
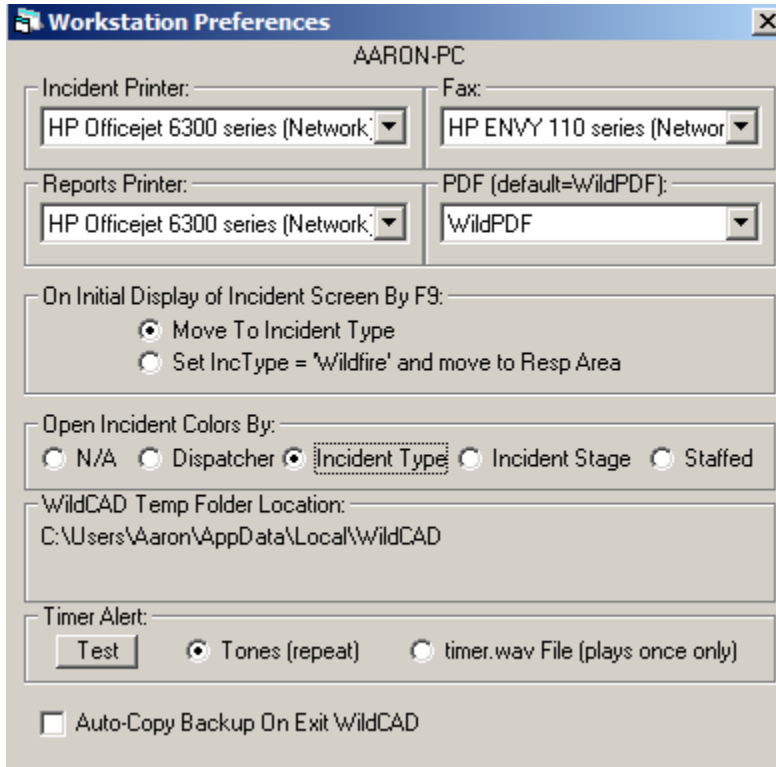


Simply select your name from the list, and click on “**Login**”. Thereafter, your name and initials will be the default in WildCAD whenever the Dispatcher name is requested. To change logins, select the “**Dispatcher Logout**” and select another name.

Preferences

File => Preferences

The Preferences screen allows you to enter information about your Workstation:



The two lists of printers show all printers which have been established on your computer. Select the printer you want to use for printing Incidents, and for all other reports. You may fax Incident Reports directly from WildCAD if your workstation has a phone

line connected and if you have established the fax as provided in Windows. If so, select the fax from the pull down. The horizontal and vertical adjustments were needed for an earlier version of the Incident report, and should not be needed in your center.

The F9 key is a shortcut key to start a new Incident. You may choose whether or not WildCAD should automatically make it a Wildfire Incident.

You may select how the F8 Open Incidents screen uses colors.

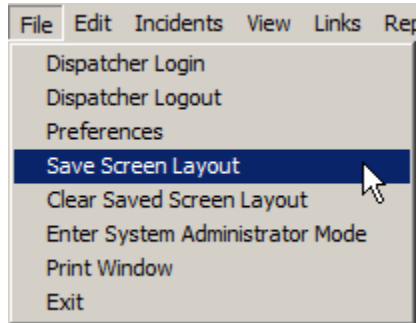
The location of the temporary folder is displayed for reference.

Select “**Timer Alert**” either as Tone (repeat) or Timer.wav File, which must be stored on the WildCAD Base Computer. Test the alert by depressing the “**Test**” button.

Auto-Copy Backup On Exit WildCAD: Click to check this, and you will be asked to navigate to any WildCAD6 backup file on your WildCAD Server. Once you do that, WildCAD6 will copy the most recent backup file to YOUR computer every time you exit WildCAD6. This is added protection in the event your WildCAD Server fails.

Save Screen Layout

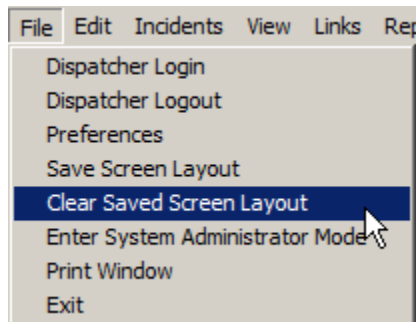
File => Enter Save Screen Layout Mode



Use this menu item to save the current layout of your screens – which windows are open and where they are located – so that the same layout will appear at startup the next time you launch WildCAD.

Clear Saved Screen Layout

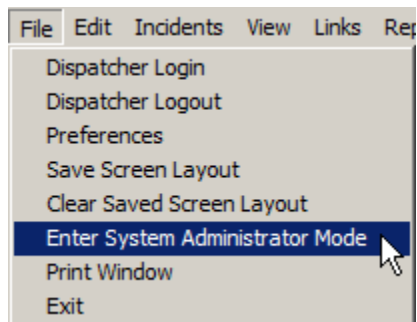
File => Clear Saved Screen Layout Mode



To delete any saved screen layout, use this menu item.

Enter System Administrator Mode

File => Enter System Administrator Mode



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If you are the System Administrator, you may enter the System Administrator Mode in WildCAD:



If you enter the correct password, a new menu item called “**SysAdmin**” will appear:



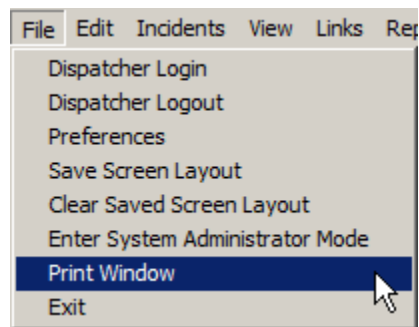
Please refer to the WildCAD System Administrator Guide for information on the use of the SysAdmin Menu.

If you enter an incorrect password, you will see:



Print Window

File => Print Window

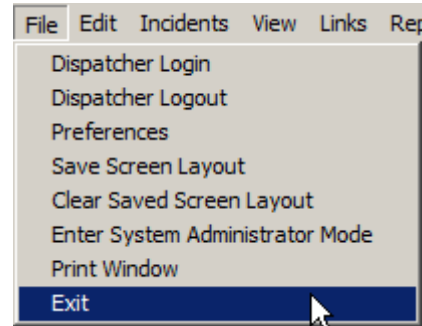


Use this menu item to print any open WildCAD window to your designated reports printer.

Exit

File => Exit

To exit from WildCAD, use the File-Exit menu item.



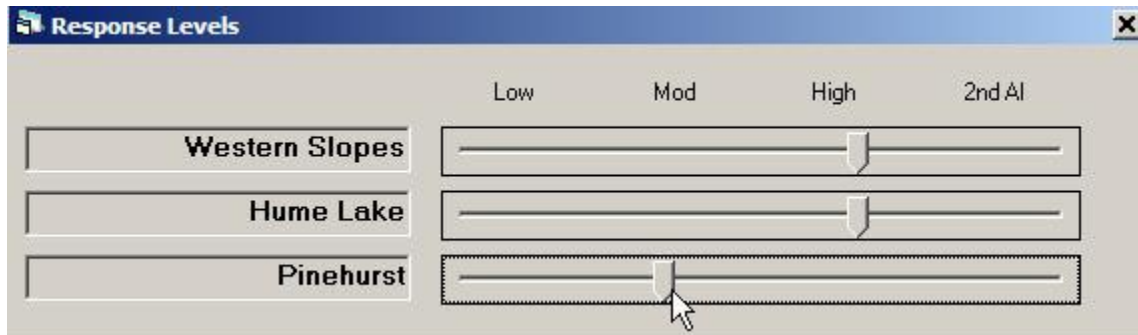
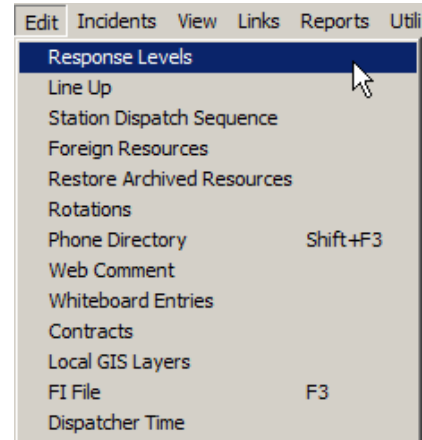
DAILY ROUTINES

The Edit Menu allows dispatchers to perform various routine, daily tasks:

Response Levels

Edit => Response Levels

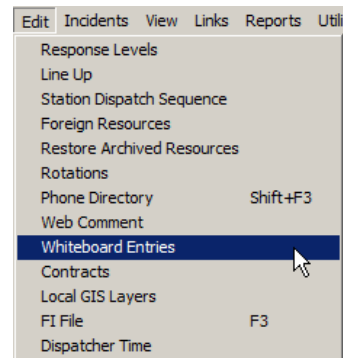
Use the Response Levels sub-menu to adjust the day's rating. Simply click and drag the "slider" to indicate the correct rating:



Whiteboard Entries

Edit => Whiteboard Entries

The Whiteboard allows dispatchers to post, edit, and view notes and general information in Categories established by your System Administrator.

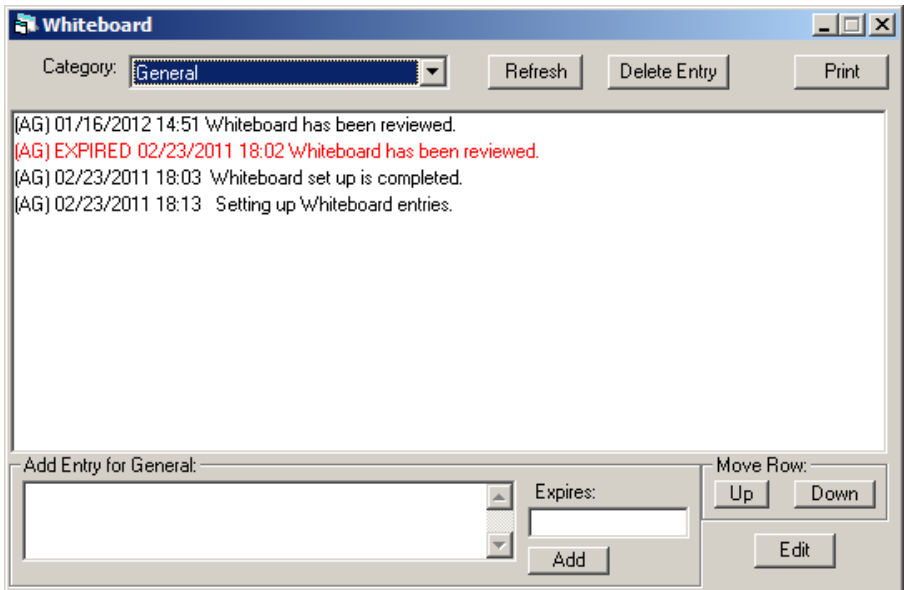
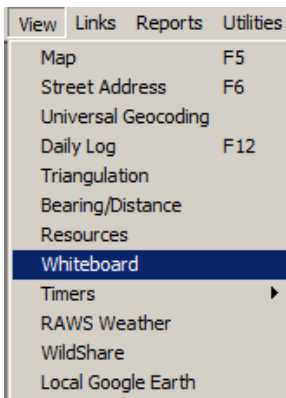


Category	Sequence	Initials	ExpDate	Describe
General	100	AG	4/2/2012	04/01/2011 10:20 Duty Officer D3: Division 3
General	100	AG	4/2/2012	04/01/2011 10:20 Duty Officer D3: Division 3
General	100	AG	2/12/2012	01/16/2012 14:51 Whiteboard has been reviewed.
General	300	AG	3/1/2011	02/23/2011 18:02 Whiteboard has been reviewed.
General	300	AG	3/1/2012	01/16/2012 14:58 Whiteboard set up is completed.
General	300	AG	3/1/2012	02/23/2011 18:13 Setting up Whiteboard entries.
Personnel	100	AG	3/1/2012	02/23/2011 18:09 ECC will be closed at 1800 hours.
Personnel	100	AG	3/1/2012	02/23/2011 18:00 ECC will start spring staff schedule on Mar 1
Alerts	200	AG	3/8/2012	02/23/2011 18:07 WildCAD Training starts Mar 8.
Alerts	200	AG	3/1/2012	02/23/2011 18:00 The Chief will be coming to GB on Monday

Although most Whiteboard work is done on the View menu (next page), you can use this program on the Edit menu to edit any Whiteboard entry or change its Sequence – the order in which it appears.

Whiteboard View, Edit, Add, or Delete

View => Whiteboard



The Whiteboard refreshes its information every 20 seconds. You can force an immediate update by clicking “Refresh”.

Select an entry and click “Delete Entry” to erase something from the Whiteboard.

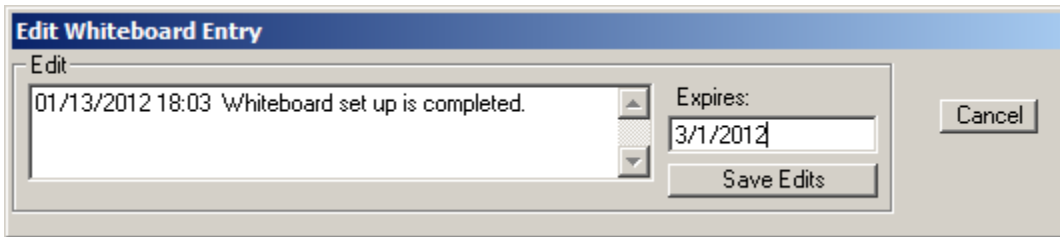
Add new entries at the bottom.

Whiteboard entries may have Expiration Dates/Times. If an entry has expired, it will be displayed in Red, and will state “Expired”.

Use the Up or Down arrows to move the selected whiteboard entry.

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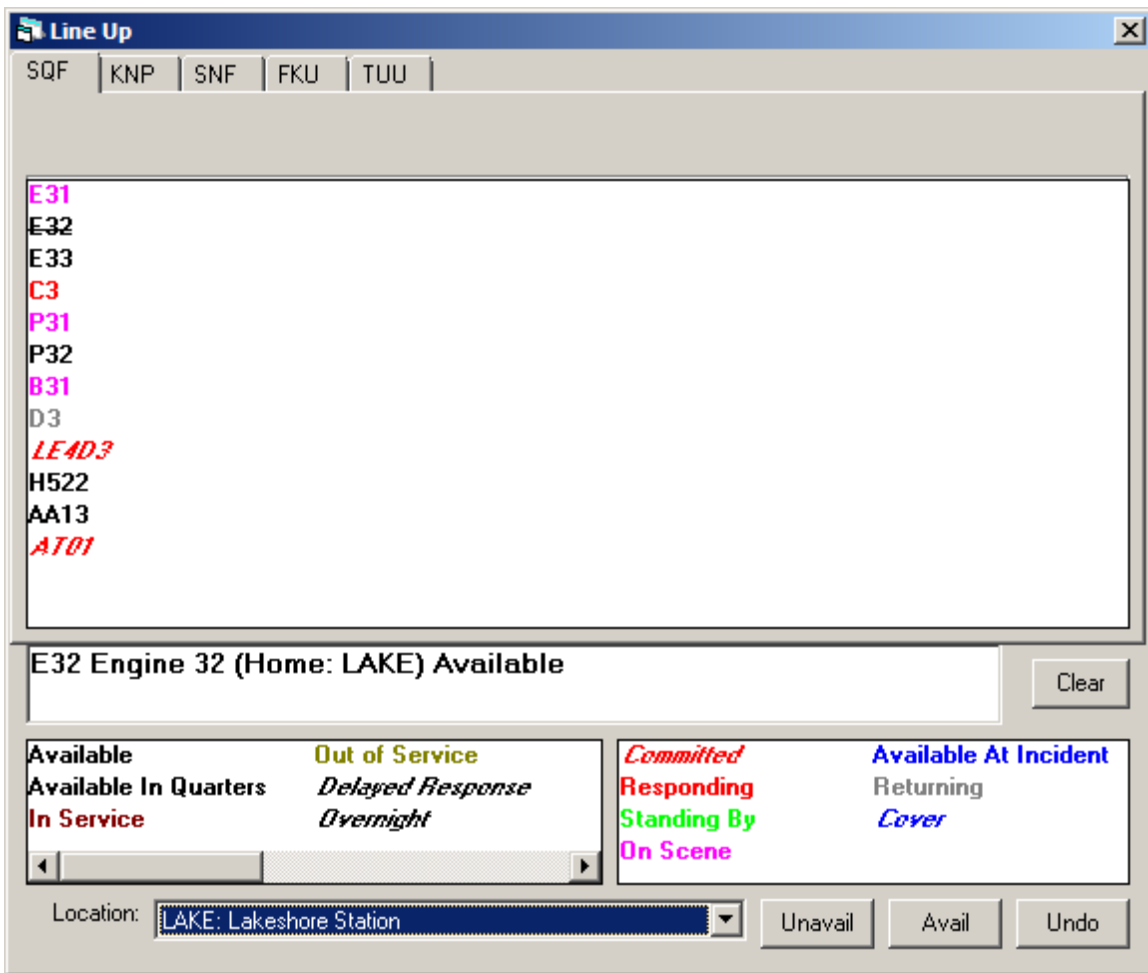
To Edit an entry select it and hit the “**Edit**” button a new window will appear, make your edits and click the “**Save Edits**” or “**Cancel**” if no changes are needed.



Line Up

Edit => Line Up

The Line Up sub-menu allows the entry of morning line up information:

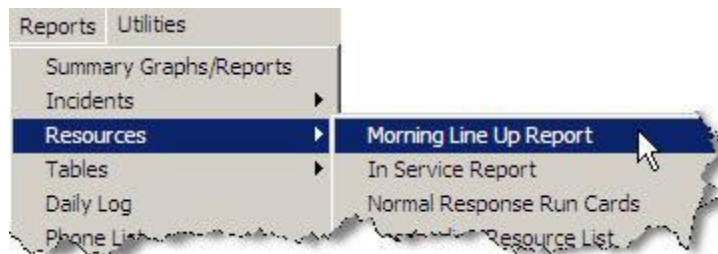


Dispatchers may **click** on any listed resource, and then change its status by clicking on the appropriate status. You can click on more than one resource prior to setting the new status. As you click on them (e.g. E32), a ~~line will be drawn through~~ them to indicate that they are selected, and ready for their status to be updated. Use the **“Clear”** button to eliminate any resource selections you have made. Present locations may be changed by using the **“Location”**; pull down box at the bottom, however only one resource at a time may have its location changed.

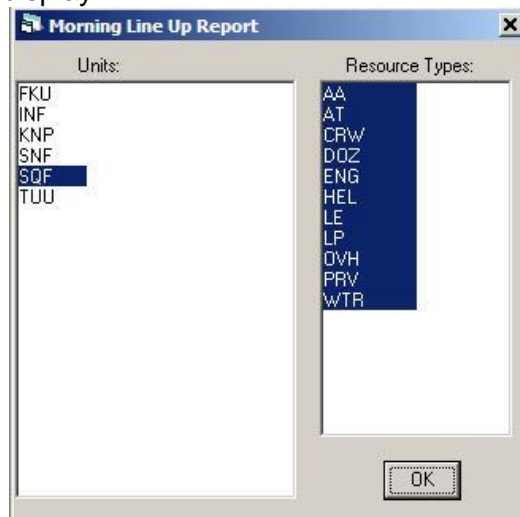
The **“Avail”** button makes all resources available at their home station, and **“Unavail”** makes all resources unavailable. **“Undo”** reverses your recent changes.

Morning Line Up Report

Reports => Resources => Morning Line Up Report



These reports concern your responding resources. Select the **“Units”** and the **“Resource Types”** to display:



Click **“OK”** and the Line Up report shows your current resource line up:

04-02-2011 WildCAD Line Up 13:07:07
Bighorn Emergency Communications Center

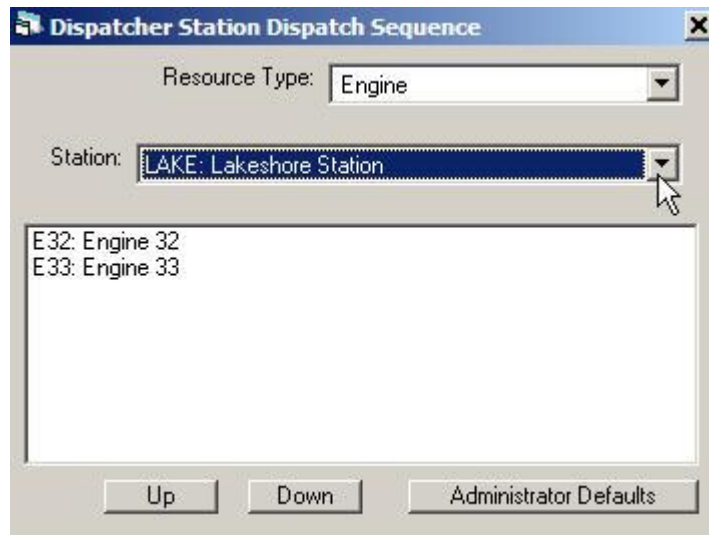
Resource	Status	Status Date	Location
AA13: Air Attack 13	Available		PORT
AT01: Air Tanker 01	Available		PORT
B31: Battalion 31	Available	04/01/2011 1025	HUME
C3: Horseshoe Hot Shots	Avail Qtrs	03/08/2011 1615	PINE
D3: Division 3	Available	04/01/2011 1025	HUME
E31: Engine 31	Available	03/08/2011 1637	PINE
E32: Engine 32	Available	03/29/2011 1612	LAKE
E33: Engine 33	Available	03/29/2011 1612	LAKE
H522: Helicopter 522	Available	03/08/2011 1615	PEPPER
LE4D3: Investigator 4D3	Available	02/23/2011 1706	HUME
P31: Prevention 31	Available	03/08/2011 1614	PINE
P32: Prevention 32	Available	03/08/2011 1637	LAKE

Station Dispatch Sequence

Edit => Station Dispatch Sequence



For those stations at which more than one Resource of the same type are based, use this screen to designate the dispatch order.



Select a **Resource Type**, and the list of **Stations** will be populated with only those Stations having the selected Type. The Resources will be shown in their dispatch order – top one goes first.

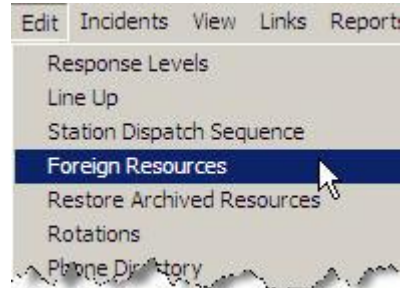
To change the order, click on a Resource and then **Up** or **Down**.

To return the selections to the default values select the **Administrator Defaults**.

Foreign Resources

Edit => Foreign Resources

In WildCAD, the term “Foreign Resource” means a Resource which is temporarily assigned to your area. Although only the WildCAD System Administrator can add or edit your own Resources, all dispatchers may add/edit/purge Foreign Resources as they come and go from your area.



To add a Foreign Resource, enter or select all required information (see below), and click “**Save**”. To find a Foreign Resource, click “**Search Criteria**”, enter the Resource ID, and then click “**Begin Search**”. Make any necessary edits, and click “**Save**”.

Foreign Resources

Resource ID: *Description:* *Unit:*

Home Location: *Type:*

Disp Seqc: *LineUp Seq:* *Line Up Group:* Purged (archived)

Foreign Res Share Status with WildShare

List On Inc Rep List On WildWeb

Resc Cat/Type:

FI File

Image: =>

EDIT 2 Active Only Purged Only

Resource ID Keep this as short as possible, since it will be displayed on numerous reports and lists. For example, use E31, not ENG31SQF

Description Type the name or description.

Unit, Home Location, and Type of resource and **Line Up Group** are Pull down lists you created earlier.

Disp Seqc means "Dispatch Sequence". For stations with more than one of the same type of Resource, you can control the Sequence = i.e. who goes first! Please be aware

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that cover Resources will automatically be dispatched *after* all "home" Resources have been sent.

LineUp Seq means "Line Up Sequence". You can control the *order in which Resources are listed* on the morning Line Up screen. This has nothing to do with the order in which they are dispatched - merely the appearance on the screen.

Foreign Resource If this is not one of your regular Resources, but is only here temporarily, Check the box to make it a Foreign Resource. That way, all dispatchers will be able to edit the screen for this Foreign Resource. Otherwise, only you as System Administrator can manipulate the records.

List On Inc Rep Check this box if you want this Resource listed on the printed Incident Reports.

List on WildWeb Unless this is checked, this Resource will not show on the internet reports from WildCAD called WildWeb.

Share ID Enter a complete identifier if you want to share status about this Resource with other WildCAD Centers. You must then also check **Share Status with WildShare**.

Resc Cat/Type Use the pull down menu to select the Resource Category/Type.

FI File Check to have this Resource shown by default to use the law enforcement Field Interrogation File screen.

Image If you have placed a scanned image file in the WildCAD folder, place its filename here and click "=>" to view the image

Comments may be entered and edited in the space provided.

Purged (archived) Check this to "delete" the Resource. You can always "un=purge" it later!

Search Functions

To search for Resources already in the database,

- First select the "**Active Only**" or the "**Purged Only**" radio buttons,
- Click "**Clear**" to clear the form.
- Click "**Begin Search**" to retrieve all of the Resources on file.
- Use "**First**", "**Next**", "**Previous**", and "**Last**" to move among the records.

To search for particular records, enter all or part of the Unit ID before clicking "**Search**". As one example, entering "E" will find all Resources whose ID starts with "E". You cannot delete resources from the database; only archive them so the resources do not appear as active Resources.

Active Only Select before searching to view Active (not Purged) Resources.

Purged Only Select before searching to view Purged Resources.

Restore Archived Resources

Edit => Restore Archived Resources



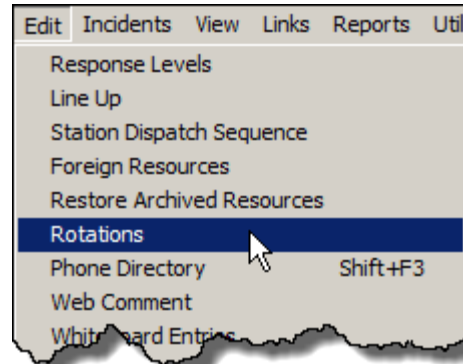
To Restore Archived Foreign Resources select the resource and click on the “**Restore**” button.



Rotations

Edit => Rotations

Crew rotations may be maintained from the Edit Menu under Rotations. First, select the rotation type previously established by your System Administrator, then click “OK”:



You will see a list of previous assignments, and room to enter a few more.

You may view and print a report by clicking the printer icon in the upper left corner of the window:

A screenshot of the 'Rotation' window, which displays a table of assignment data. The table has eight columns: Sequence, AssignDate, IncidentNam, IncidentNum, LocalNum, Assigned, and ReleaseDate. The data rows show several assignments for 'North Fork' incidents on 8/25/2010, assigned to 'ST-5650C' and scheduled for release on 8/30/2010. A printer icon is visible in the top-left corner of the window.

Sequence	AssignDate	IncidentNam	IncidentNum	LocalNum	Assigned	ReleaseDate
ENG72KNP	8/25/2010	North Fork	SQF-2010-0012		ST-5650C	8/30/2010
ENG31SQF	8/25/2010	North Fork	SQF-2010-0012		ST-5650C	8/30/2010
ENG41KNP	8/25/2010	North Fork	SQF-2010-0012		ST-5650C	8/30/2010
ENG32SQF	8/25/2010	North Fork	SQF-2010-0012		ST-5650C	8/30/2010
ENG51KNP	8/25/2010	North Fork	SQF-2010-0012		ST-5650C	8/30/2010
ENG41SNF						
ENG62KNP						
ENG72KNP						
ENG31SQF						
ENG41KNP						

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To send to your printer, click the printer icon at the top of this new form.

File: C:\WCADtemp\ROTATE.TXT



02-23-2011

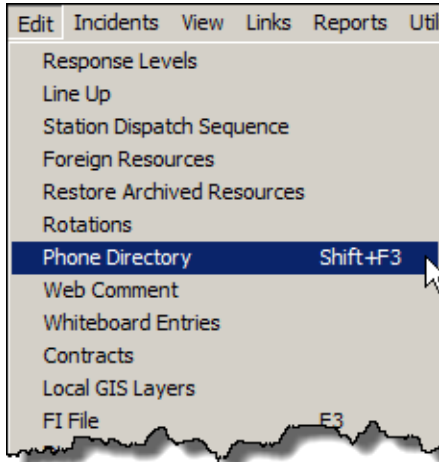
17:47:42

WildCAD
Bighorn Emergency Communications Center

AssgnDt	Incident	IncNum	Local	Resource	Released
8/25/2010	North Fork	SQF-2010-0012		ST-5650C	8/30/2010
8/25/2010	North Fork	SQF-2010-0012		ST-5650C	8/30/2010
8/25/2010	North Fork	SQF-2010-0012		ST-5650C	8/30/2010
8/25/2010	North Fork	SQF-2010-0012		ST-5650C	8/30/2010
8/25/2010	North Fork	SQF-2010-0012		ST-5650C	8/30/2010

Phone Directory (Shift+F3)

Edit => Phone Directory

A screenshot of the 'Phone Directory' form in WildCAD6. The form contains the following fields:

- First Name: John, Last: Green, Title: District Ranger
- Street Line 1: Hume Lake Ranger District, Email: jagreen@fs.fed.us
- Street Line 2: 35860 East Kings Canyon Hwy
- City: Dumlap, State: CA, Zip: 93621
- Home: 209-555-5555, Pager: [empty]
- Work: 209-338-2251, Other Phone: [empty]
- Cell Phone: 209-555-5555, Carrier: Def [empty]
- Personal Cell: [empty]
- Describe: [empty]
- Emergency Contact: [empty]
- Fax 1 Description: District Office Fax, Fax 1 Number: 209-338-2131
- Fax 2 Description: [empty], Fax 2 Number: [empty]
- Fax 3 Description: [empty], Fax 3 Number: [empty]

On the right side, there are dropdown menus for Personnel (Administrative), Offices (Hume Lake District), Cooperators, and Agencies (FS). At the bottom, there are search and navigation buttons: EDIT 2 of 2, First, Previous, Next, Last, Save, Delete, Allow Save/Delete (checkbox), Clear, Search Criteria, and Begin Search.

You may enter, edit, or view phone directory entries on this screen. Click the "**Begin Search**" button to ask WildCAD to collect all of the phone book entries. Use the "**First**", "**Next**", "**Previous**", and "**Last**" buttons to move among the records.

If you make a change, click "**Save**" to store the changes.

To add a new record, click "**Clear**" to clear the information. Type in the new record, then click "**Save**".

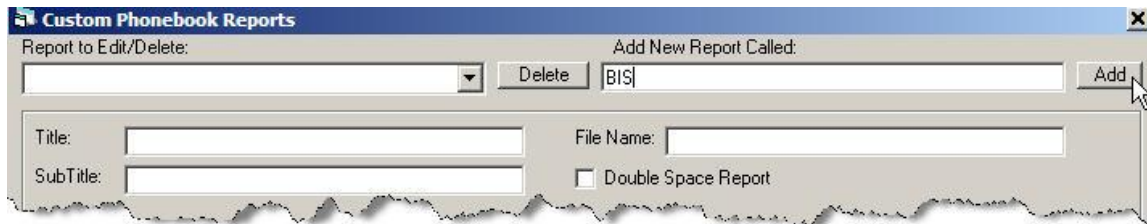
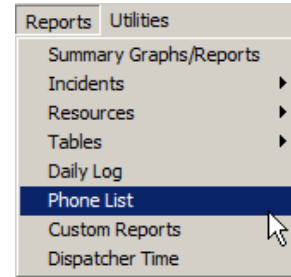
To search for specific listings enter know information into the appropriate box and click the "**Begin Search**" button, it will then display all listings that met the criteria.

Phone List (Report)

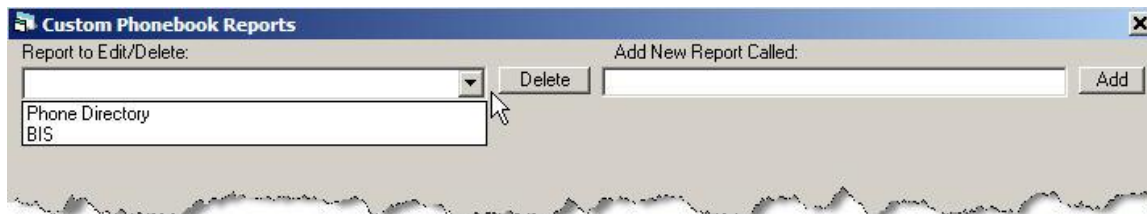
Report => Phone List

Use this menu to view numerous reports from your Phone Book:

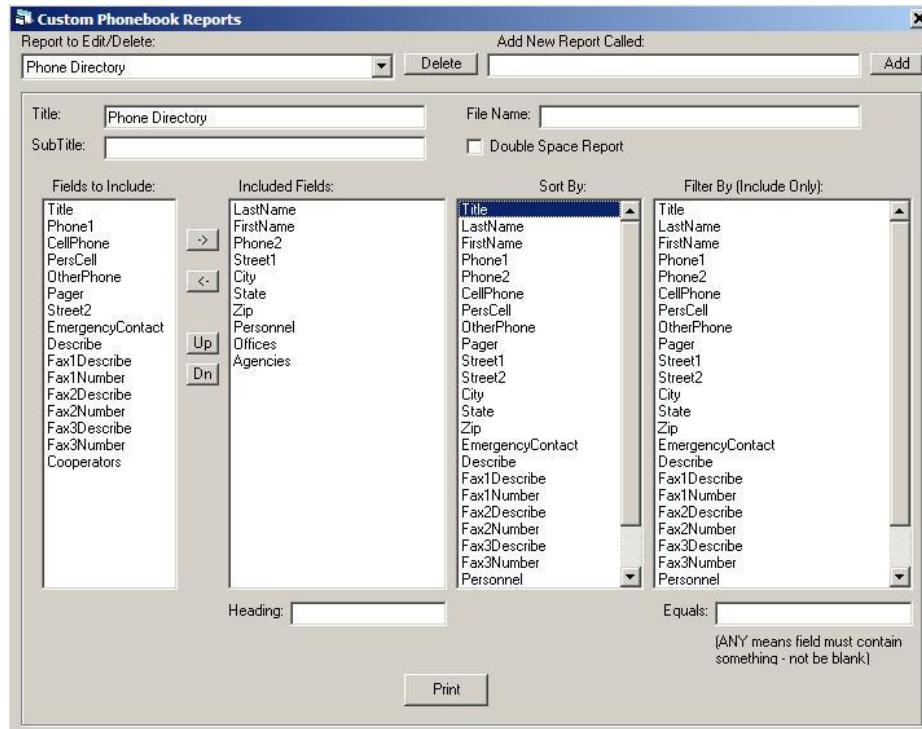
To create a Custom Report: Enter a report name in the upper right hand box the click “Add”



Then select it from the pull down in the left hand box.



Now select the Fields to include, put them in the order desired, select a sort Field and then click “Print”.

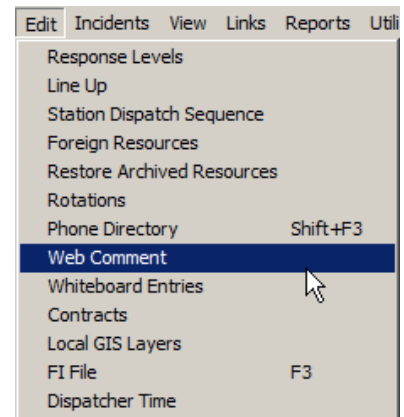
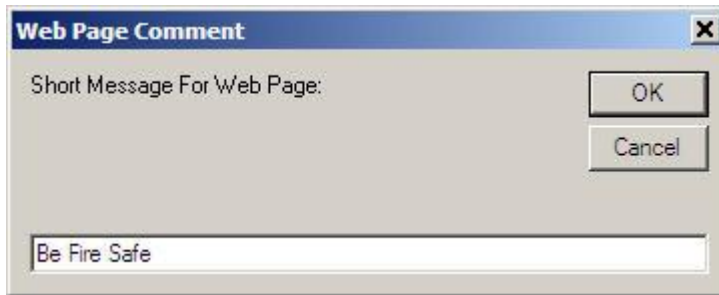




Web Comment

Edit => Web Comment

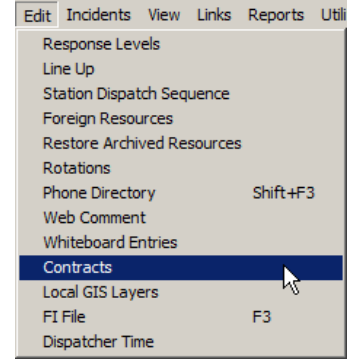
If your center uses WildWeb, set the Web Comment on this screen. Enter comments and then click “OK”:



Contracts

Edit => Contracts

WildCAD allows you to locate and select contractors for use on an Incident. Use this menu item to manage the list of contractors with which you have EERA or other Agreements/Contracts:



The screenshot shows the 'Contracts' window with a table containing the following data:

Contract Sub Type	Name	Address	Phone	Equipment	Fee	License	Lat	Lon
(LPF) Water Tenders, Type 2	United	San Luis Obispo, CA	D:(805) 555-5555	WT T2	AG-9999-C-99-7811	V: 900000	35.2875	119.6612
(LPF) Gray Water, Type 2	United	San Luis Obispo, CA	D:(805) 555-5555	Gray WT T2	AG-9999-C-99-7454	V: 900000	35.2875	119.6612
(LPF) Gray Water, Type 1	United	San Luis Obispo, CA	D:(805) 555-5555	Gray WT T1	AG-9999-C-99-7454	V: 900000	35.2875	119.6612
(LPF) Gray Water, Type 1	United	San Luis Obispo, CA	D:(805) 555-5555	Gray WT T1	AG-9999-C-99-7454	V: 900000	35.2875	119.6612
(LPF) Gray Water, Type 1	United	San Luis Obispo, CA	D:(805) 555-5555	Gray WT T1	AG-9999-C-99-7454	V: 900000	35.2875	119.6612
(LPF) Water Tenders, Type 2	United	San Luis Obispo, CA	D:(805) 555-5555	WT T2	AG-9999-C-99-7454	V: 900000	35.2875	119.6612

Select the Contract Sub Type from the list established by your System Administrator. Enter the **Name, Address, Phone, Equipment, Fee, and License information** as requested.

Enter the **latitude and longitude** from which the contractor responds.

Throughout WildCAD, wherever you are requested to enter latitude or longitude, you may enter it in a variety of formats. Use commas to separate degrees, minutes, or seconds.

The following are all valid entries:

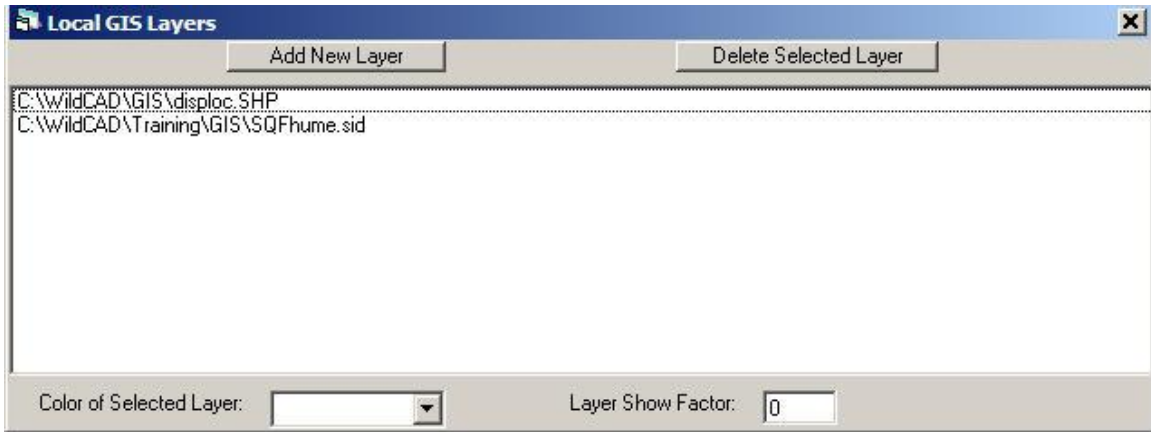
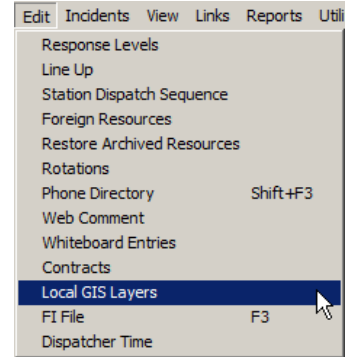
- 33,30,12 means 33 degrees, 30 minutes, 12 seconds
- 33.5 means 33.5 degrees, equivalent to 33 degrees, 30 minutes
- 33,30.2 means 33 degrees, 30.2 minutes, equivalent to the first entry above

Local GIS Layers

Edit => Local GIS Layers

Your System Administrator has established a list of the most important GIS layers for use in WildCAD, and those layers will always be available when you view the WildCAD map.

You may, however, add your own list of additional GIS layers.



Click “**Add New Layer**”, and you may navigate to the desired Shape File or georeferenced image file. You can delete a layer by highlighting and then click “**Delete Selected Layer**”.

Then, click on any of your Local Layers and set the outline color.

The “**Layer Show Factor**” indicates how many times you must zoom in on your map before the layer shows. A Layer Show Factor of zero means that the layer is always visible.

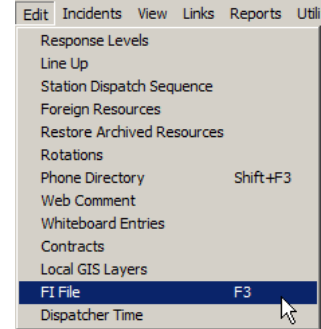
FI File (F3)

Edit => FI File

The Field Interrogation (FI) File allows you to keep a record of contacts made by your law enforcement personnel.

To enter a new FI record:

- Select the Officer making the contact. By default, only your LE officers are listed. To select from all Resources, click **“Show All”**.
- Enter additional information, including a narrative in the open box.
- Use the **“Now”** button to fill in the date and time.
- Click **“Save New”**.

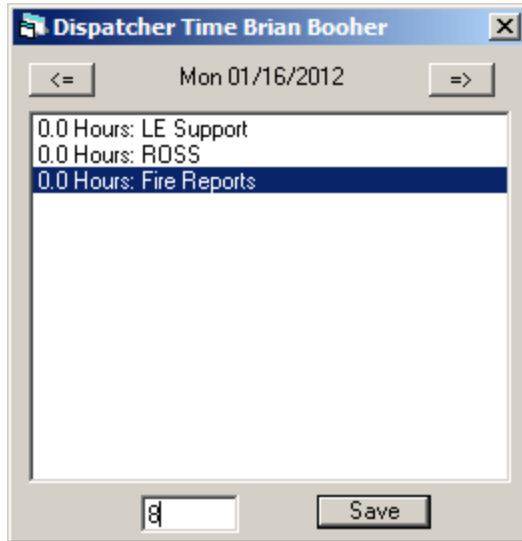
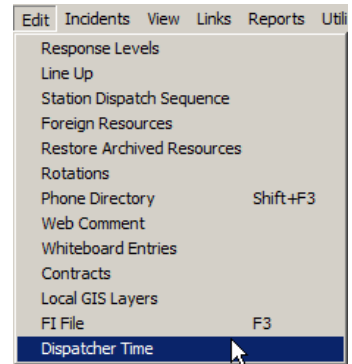
A screenshot of the 'Field Interrogation (FI) File' dialog box. The form contains the following fields: Officer (dropdown menu with 'LE4D3 Investigator 4D3' selected and a 'Show All' checkbox checked), Last (text box with 'Booher'), First (text box with 'Brian'), Middle (text box with 'Baird'), DOB (month dropdown 'Nov', day '20', year '1980'), Inc # (text box with 'U012345'), Contact Date (month dropdown 'Jul', day '4', year '2010'), Contact Time (text box with '1500' and a 'Now' button), Plate State (text box with 'CA'), Plate Number (text box with '12345'), Op Lic State (text box), and Op Lic Number (text box). Below these fields is a large text area containing the text: 'Subject observed driving a Jeep in the Kelso Closed Area. Warned and released'. At the bottom are buttons for 'Clear', 'Search', 'Save Edits', and 'Delete'. A list box at the very bottom shows a single entry: '07/04/2010 1500 Booher, Brian Baird'.A screenshot of the 'Field Interrogation (FI) File' dialog box, similar to the one above but with a different layout. It includes fields for Officer (dropdown menu with 'LE4D3 Investigator 4D3' selected and a 'Show All' checkbox checked), Last, First, Middle, DOB, Inc #, Contact Date, Contact Time (with a 'Now' button), Plate State, Plate Number, Op Lic State, and Op Lic Number. Below these fields is a large empty text area. At the bottom are buttons for 'Clear', 'Search', and 'Save New'.

You may later search for people by entering any of the information and clicking **“Search”**. The list of matching contacts will be shown in the bottom. Highlight any one of them to view the complete information. You may edit the information and then click **“Save Edits”**, or you may **“Delete”** the contact.

Dispatcher Time

Edit =>Dispatcher Time

To document Dispatcher's Hours working various tasks, select the date by moving the <= or => bottom, the task by "**Highlighting**" and entry hours and click the "**Save**".



Select a time category, enter the hours below, and click "**Save**". The number of hours for that date will appear next to the category. Use the left and right arrows to change date.

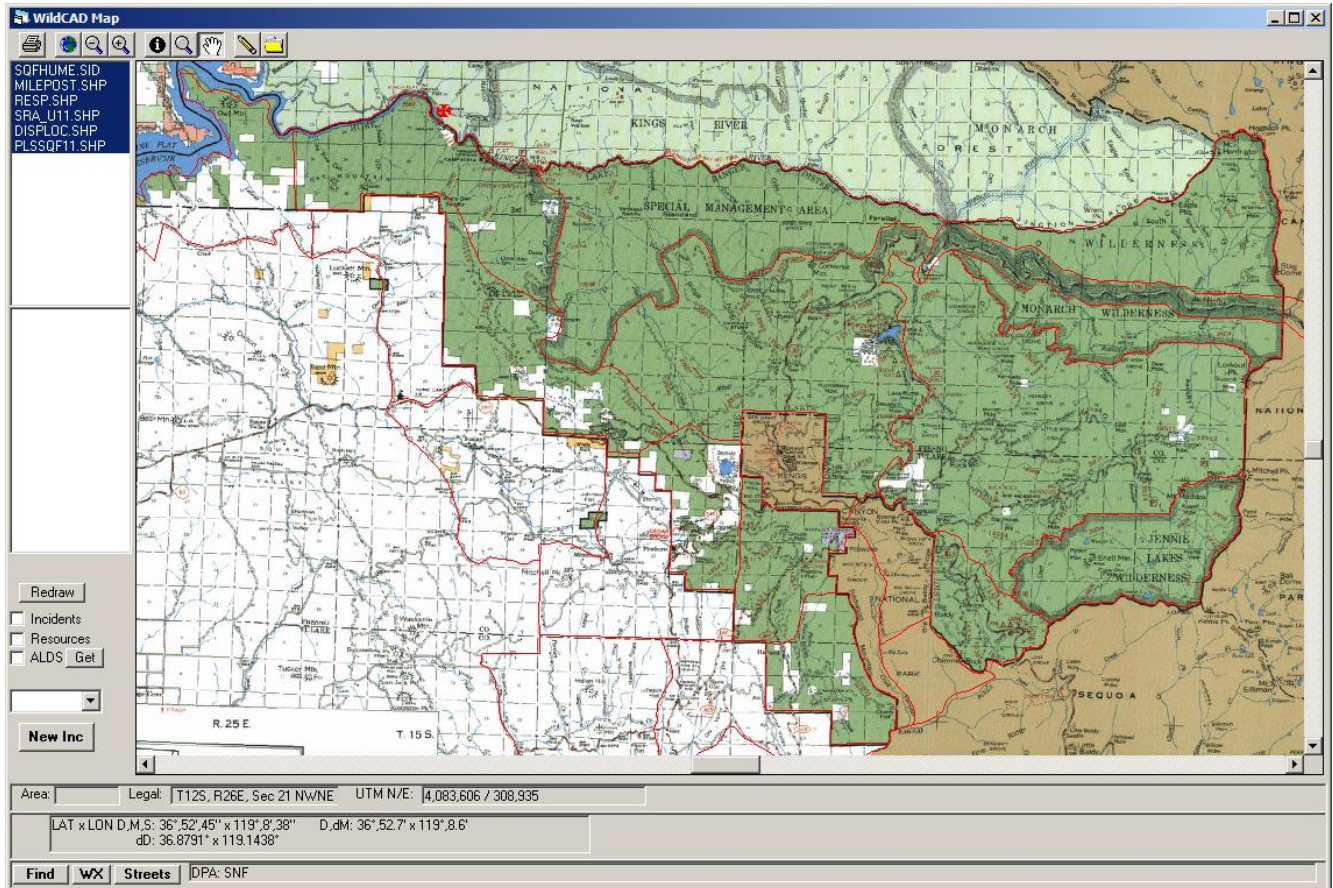
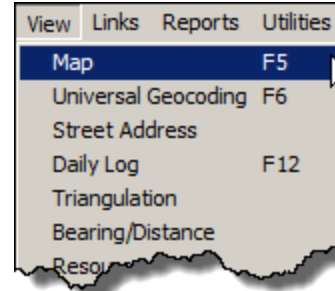


OPENING OPERATIONS










Map (F5)

View => Map

The Map Menu (F5) allows you to view and utilize various GIS layers, which were integrated with WildCAD:



The icons at the top perform a variety of tasks:

-  Printer – print visible map
-  Globe – show entire map (“full extent”)
-  Magnifying Minus – zoom out
-  Magnifying Plus – zoom in
-  I (Information) – show selected layer’s information
-  Magnifying Empty – click and drag rectangle for zoom
-  Hand – click and drag the map
-  Pencil – show legal, lat/long, and UTM as you move around
-  File – saves the map as a BMP file in C:\WildCAD\MapImages Folder


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At the left, GIS layers are listed. You may select or clear certain layers, and then click “**Redraw**” to show different GIS information.

You may turn on:

- **Incidents** – shows all Open Incidents
- **Resources** – shows Resources which have been moved to a lat/lon.
- **ALDS** – shows lightning strikes. Use “**Get**” to retrieve lightning data. Use the slide bar to set the view lightning in the past so many hours.

Be sure to click “**Redraw**” after changing any of these 3 settings.

Use the pull down beneath the “**Get**” button to select one of your GIS layers. If you then select the information icon  (“**I**” tool) at the top and click on the map, you will see information about that layer displayed.

Click the “**New Incident**” button to start a new Incident at the location shown on the map.

Beneath the map the following information will display:

- **Area** – Response Area
- **Legal** – Legal Description
- **UTM N/E** – Coordinates
- **Lat/Lon** – In Degree, Minutes, Seconds (D,M,S); Degree, decimal Minutes(D,dM); decimal Degree (dD)
- **Find** – Brings up Find window – see next page
- **Wx** – If you are connected to the internet, use the “**WX**” button to retrieve and view the latest RAWs weather for the station closest to your current point on the map.
- **Streets** – Click on it and it will take you to Street Address and Mile Post window. If you do not have Street Data you will see this message.



At the bottom of the screen, information from GIS layers selected by your System Administrator will be displayed. This might include ownership and protection responsibility.

Find Map Location

Use the “Find” button to find a location on the map.

Enter any of Lat/Long, UTM, Place Name, Legal, or Response Area and click the applicable “Go” button.

Find Map Location

Latitude/Longitude:
Lat: Lon:

UTM:
N: E:

Place Name:

Map Lat: Map Lon:

Legal (enter 1/2 and 1/4 T/R as, e.g.: 15.25N):
Mer: Township: Range: Sec:

Response Area:

Click “Search” to locate all place names containing any word. In this example, find all places containing the word Hume:

Place Search

Phrase within Placename:


Place Search

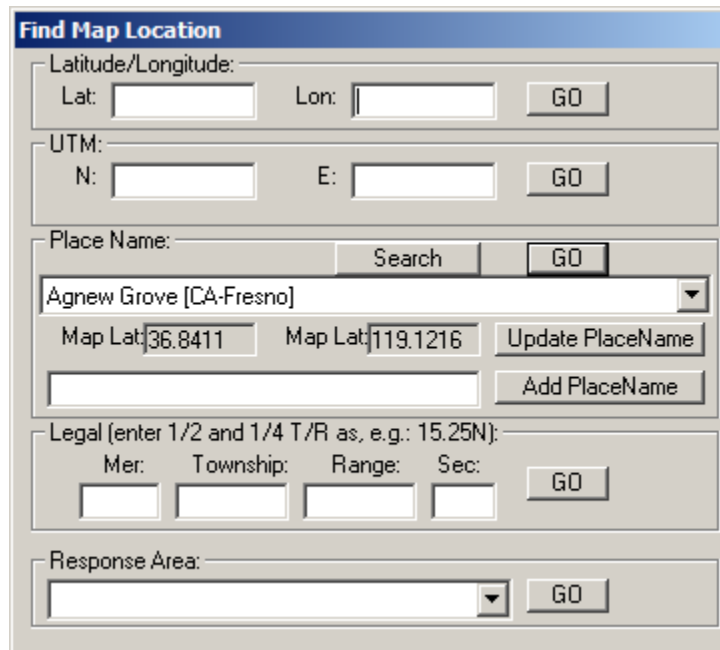
Phrase within Placename:

Hume [CA-Fresno]
Hume Forest Service Facility [CA-Fr]
Hume Lake [CA-Fresno]
Hume Lake Campground [CA-Fresno]
Hume Lake Christian Camp [CA-Fresno]
Hume Lake Ranger Station [CA-Fresno]
Hume Station [CA-Fresno]

From the resulting list of places, select one and click “Go”.

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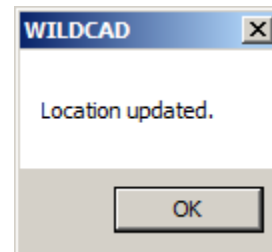
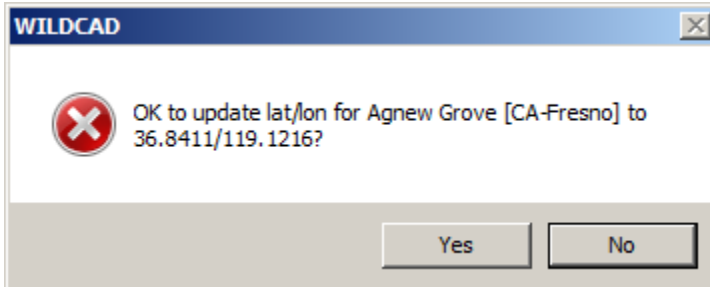
To update Place Name by selecting the Place Name then click on the Map with the Information Icon  then click on the Map Lat box and click **“Update PlaceName”**



The **Find Map Location** dialog box contains several sections for location input:

- Latitude/Longitude:** Fields for Lat: and Lon: with a GO button.
- UTM:** Fields for N: and E: with a GO button.
- Place Name:** A search field containing "Agnew Grove [CA-Fresno]", a Search button, and a GO button. Below are fields for Map Lat: (36.8411) and Map Lon: (119.1216), with an Update PlaceName button and an Add PlaceName button.
- Legal (enter 1/2 and 1/4 T/R as, e.g.: 15.25N):** Fields for Mer:, Township:, Range:, and Sec: with a GO button.
- Response Area:** A dropdown menu and a GO button.

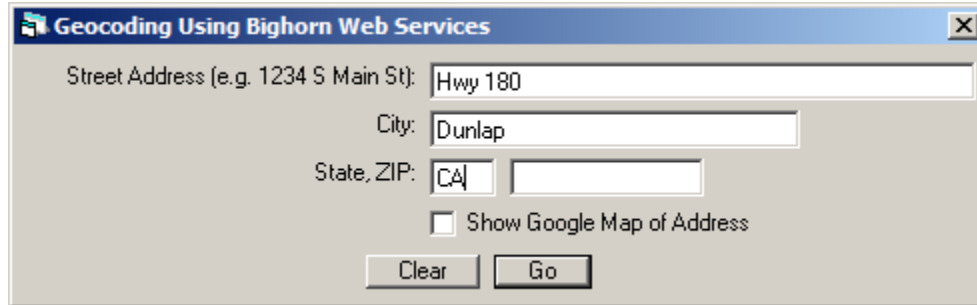
Will be asked to is it OK to update, click **“Yes”** or **“No”**



Universal Geocoding (F6)

View => Universal Geocoding

Use this menu to use a web service to locate a street address. Enter the address and click “Go”.



Geocoding Using Bighorn Web Services

Street Address (e.g. 1234 S Main St): Hwy 180

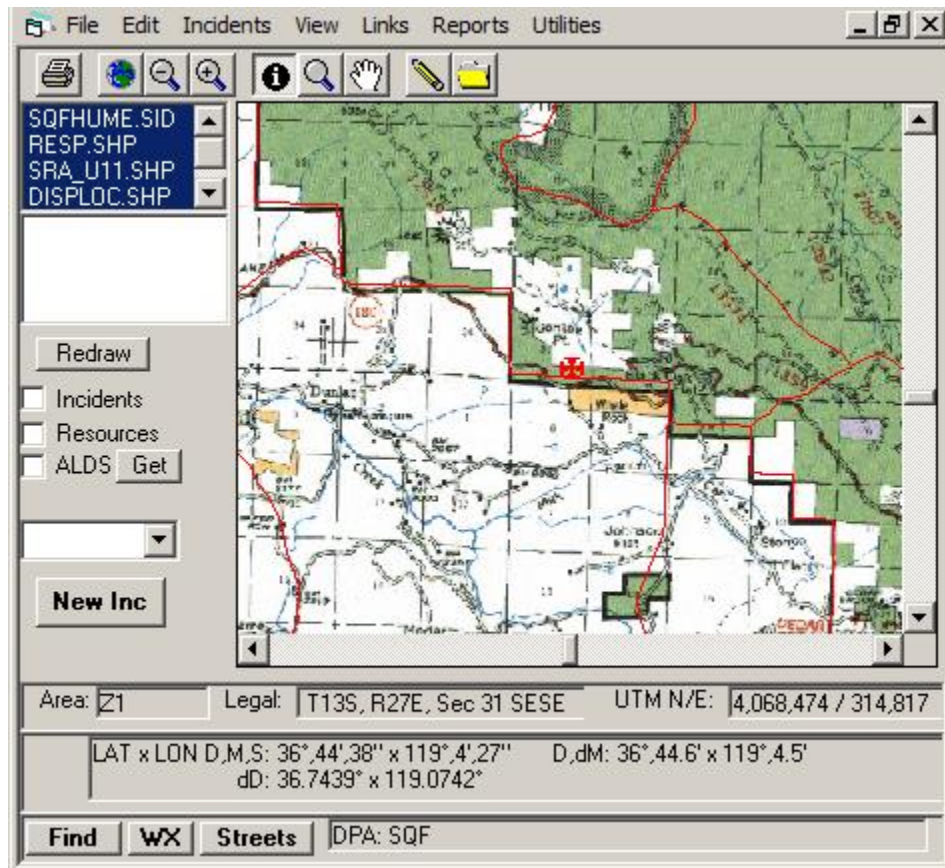
City: Dunlap

State, ZIP: CA

Show Google Map of Address

Clear Go

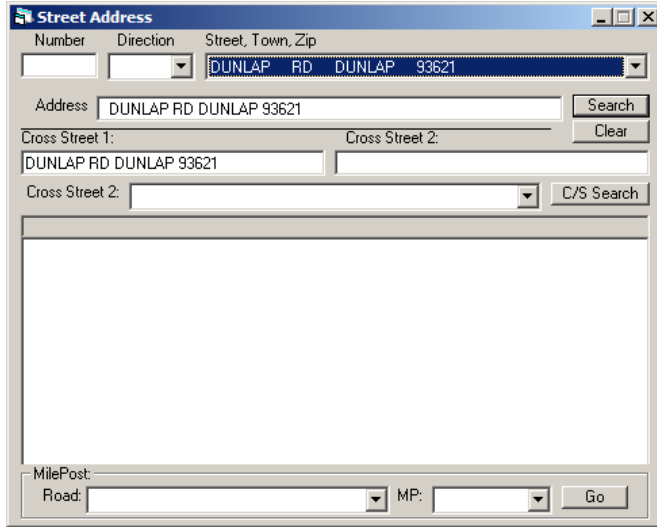
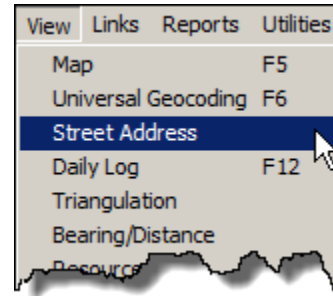
Click “Show Google Map” to also view the location in Google Maps.



Street Address and Mile Post Locations

View => Street Address

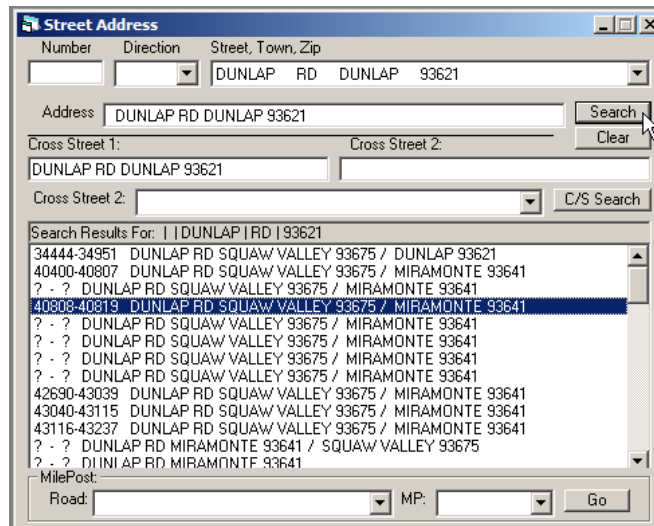
If your center has implemented the Street Address geocoding feature in WildCAD, you will see the following screen:



Note that this screen takes a long time to initially load. If you are using street addresses frequently, it is recommended that you load this screen, and then minimize it instead of closing it. You may then recall it with the F6 key.

Enter a street number (required), and pull down the direction. Select a street name/town combination from the pull down list. You may also type the street name - click Escape (ESC Key) to tell WildCAD you are starting to type a name.

Click the "Search" button to begin the search.



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A list of possible street segments will be displayed below, sorted by likely match success. If an exact match was found, the correct street segment is highlighted, and the WildCAD map moves to that location, ready for you to do a dispatch.

Street Address

Number Direction Street, Town, Zip

DUNLAP RD DUNLAP 93621

Address: DUNLAP RD DUNLAP 93621 Search Clear

Cross Street 1: DUNLAP RD DUNLAP 93621 Cross Street 2:

Cross Street 2: C/S Search

Search Results For: | | DUNLAP | RD | 93621

34444-34951 DUNLAP RD SQUAW VALLEY 93675 / DUNLAP 93621

40400-40807 DUNLAP RD SQUAW VALLEY 93675 / MIRAMONTE 93641

? - ? DUNLAP RD SQUAW VALLEY 93675 / MIRAMONTE 93641

40808-40819 DUNLAP RD SQUAW VALLEY 93675 / MIRAMONTE 93641

? - ? DUNLAP RD SQUAW VALLEY 93675 / MIRAMONTE 93641

? - ? DUNLAP RD SQUAW VALLEY 93675 / MIRAMONTE 93641

? - ? DUNLAP RD SQUAW VALLEY 93675 / MIRAMONTE 93641

? - ? DUNLAP RD SQUAW VALLEY 93675 / MIRAMONTE 93641

42690-43039 DUNLAP RD SQUAW VALLEY 93675 / MIRAMONTE 93641

43040-43115 DUNLAP RD SQUAW VALLEY 93675 / MIRAMONTE 93641

43116-43237 DUNLAP RD SQUAW VALLEY 93675 / MIRAMONTE 93641

? - ? DUNLAP RD MIRAMONTE 93641 / SQUAW VALLEY 93675

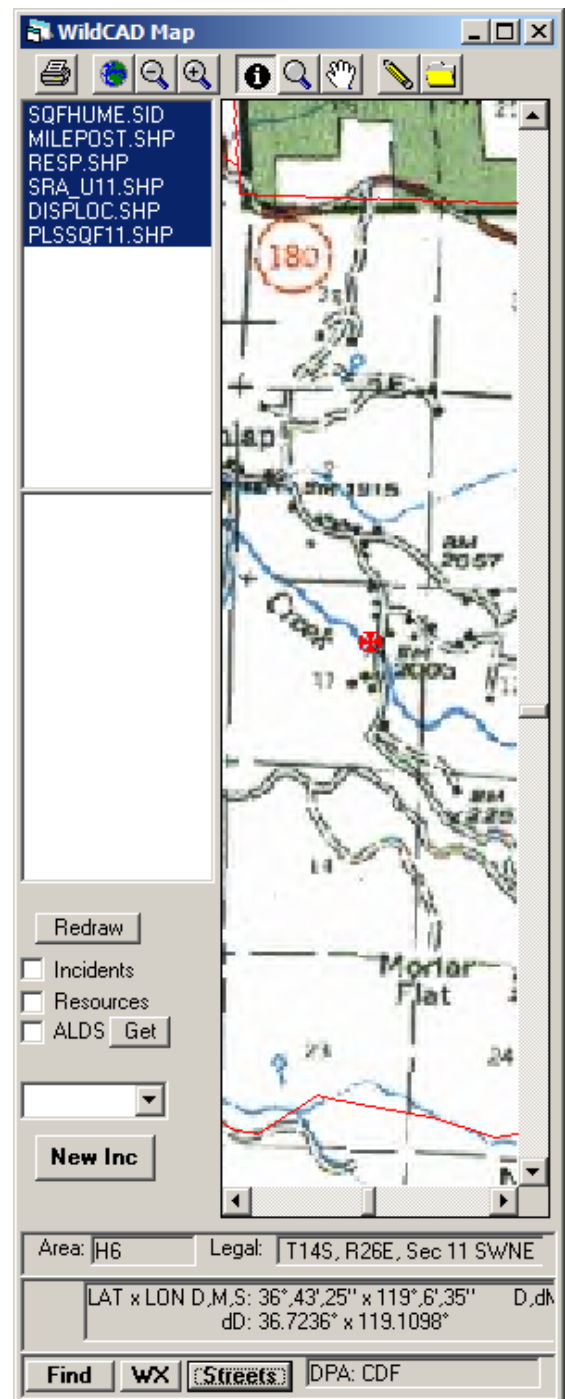
? - ? DUNLAP RD MIRAMONTE 93641

MilePost:

Road: MP: Go

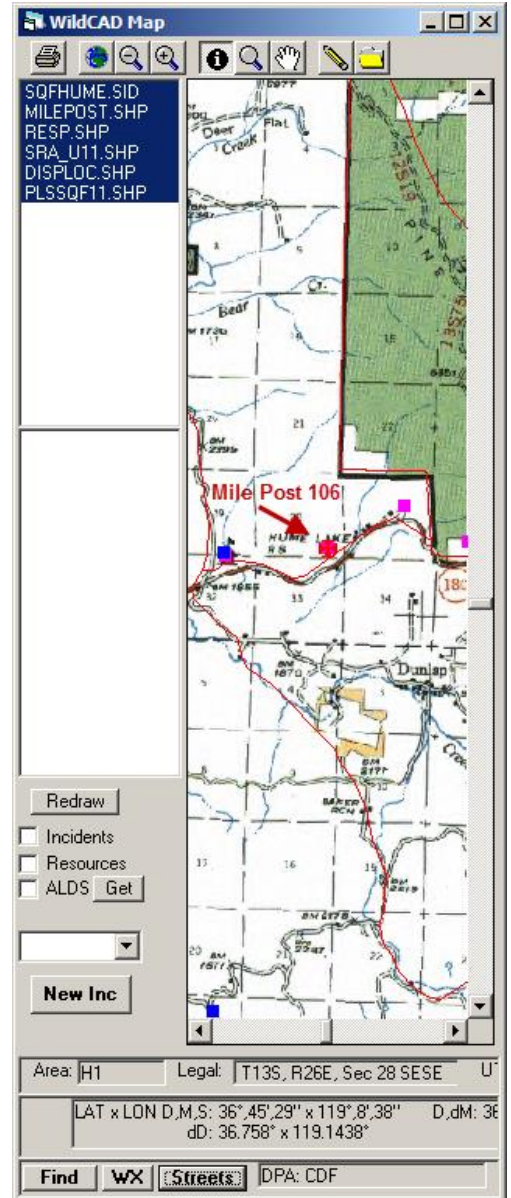
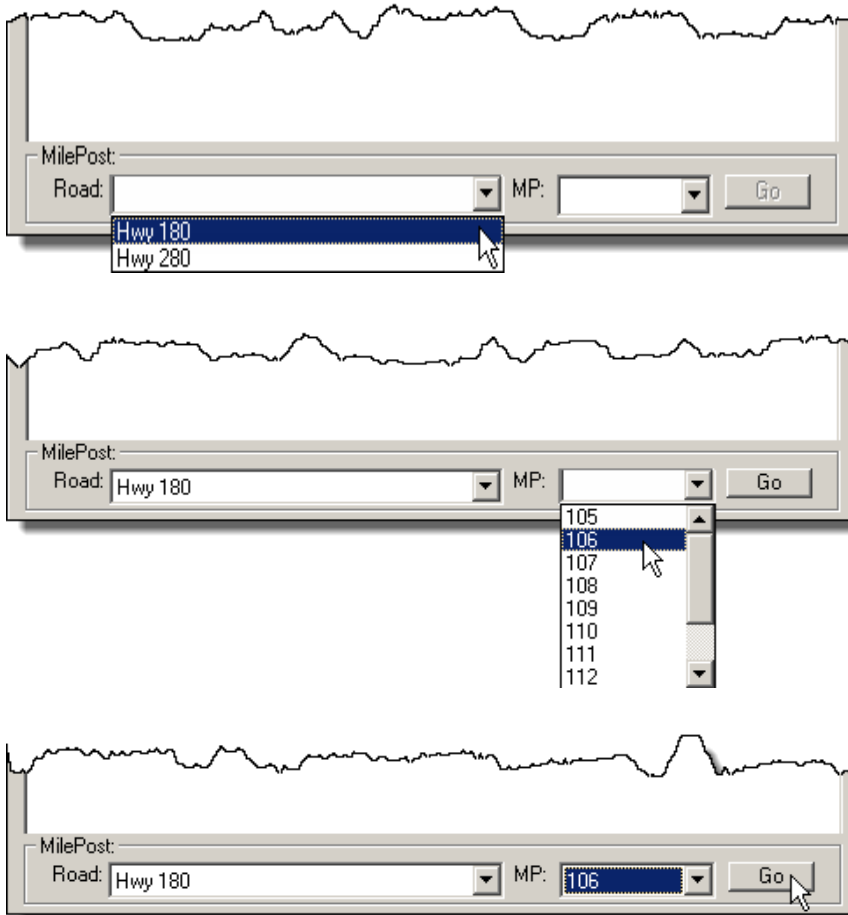
If an exact match is not found, you must click on one of the street segments to have WildCAD move to it on the map.

Note that you may also pull down a cross street, and then use the "**C/S Search**" button to search for the intersection of the two selected streets. In this case, the street number is ignored.



Mile Post Location

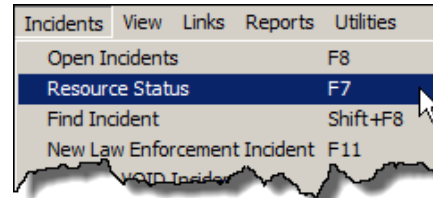
At the bottom of the Streets screen, you can use Mile Post data imported into WildCAD. First, select the road. Next, select the Milepost (“MP”). Then, click “Go”, and you will be taken to that Milepost on the map.



Resource Status (F7)

Incidents => Resource Status

The Resource Status Window (F7) shows all of your resources:

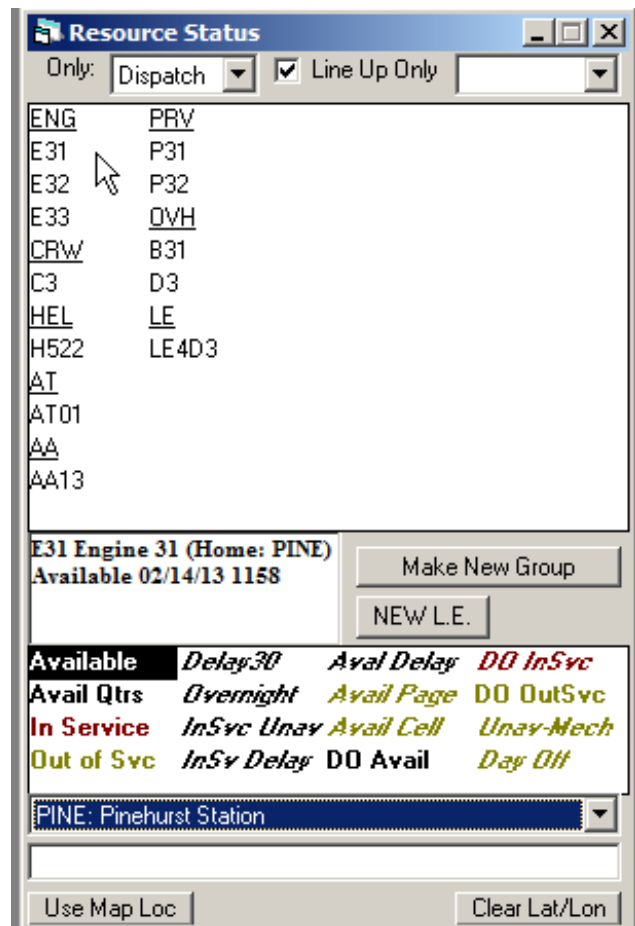
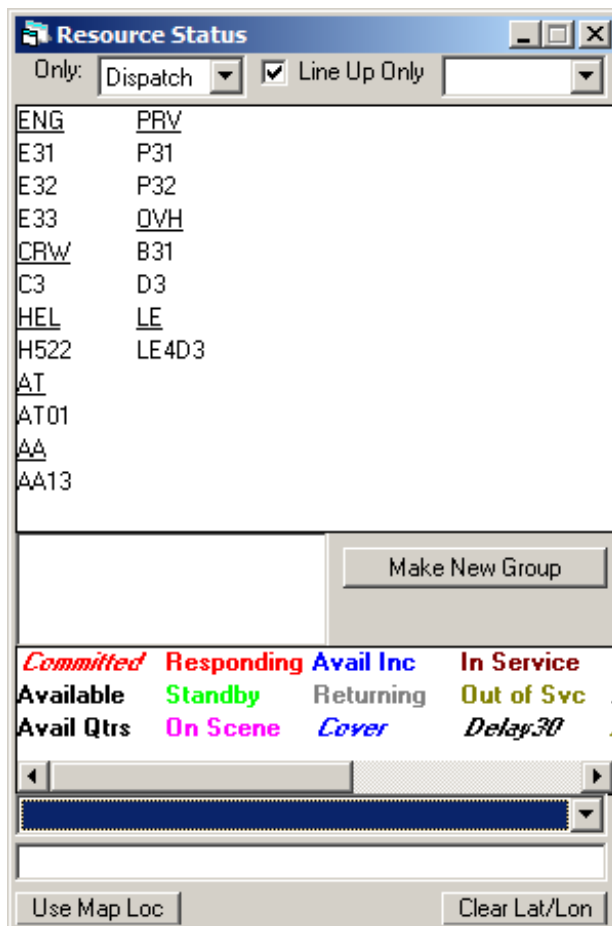


At the top, you may select from the pull down on the left which Agency resources to view (or, all of those you "Dispatch"), and on right which Resource Types (or, "All").

Click "Line Up Only" to show only those Resources, which are included in a Line Up Group.

When you click on a Resource, the information shown below about that Resource includes the date/time of last status.

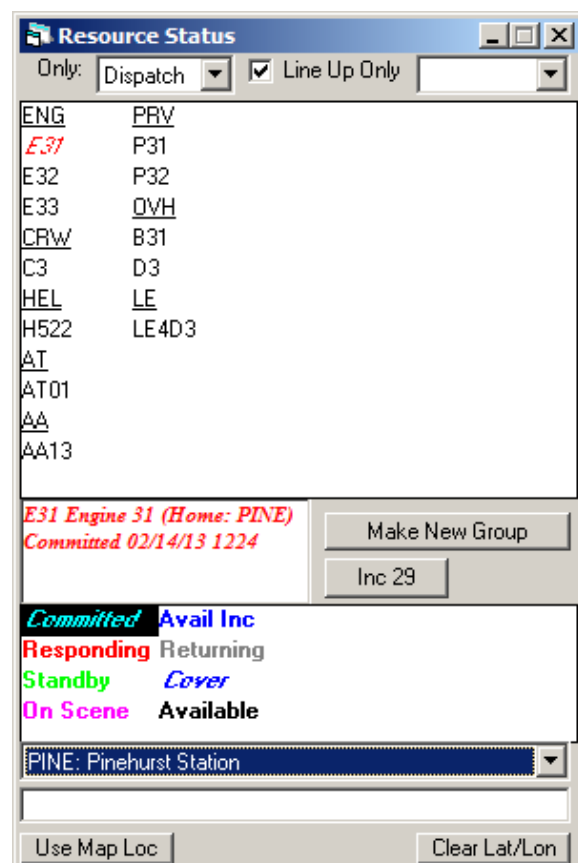
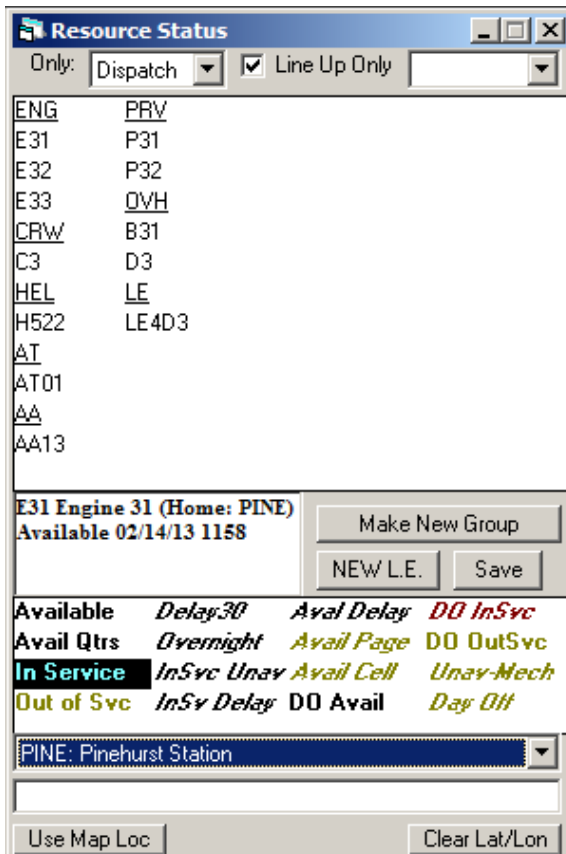
Also, after clicking on a resource, you will see a "New LE" button which allows you to initiate a new Law Enforcement Incident and commit this Resource to it.



- "Committed" – Unit is committed to an incident and unavailable for reassignment.
- "Available" – Available at station/office for response
- "Avail Qtrs" – In quarters, out-of-service", means the resource is at the station and immediate response.
- "Responding" – Unit to travel immediately to requested location.
- "Stand-by" – Unit should stop responding, stand-by at their present location, and advise of location when confirming the direction.
- "On Scene" – Unit has arrived on the incident.
- "Avail Inc" – Unit is on scene of the incident and available for immediate response to another incident.
- "Returning" – Unit release from an incident and returning to a specified location
- "Cover" – Unit to change response location and do this to a specified location.
- "In Service" – In the units response area, in the field, available for immediate for immediate dispatch delayed response. This may or may not affect the order of arrival of a response.
- "Out of Sec" – Off duty or unavailable for immediate dispatch
- "Delay 30" – Unit is available for immediate response with a 30 minute delay.

You may click on a resource to view/edit its status and location. If you change status or location, you must then click "Save"

Clicking on a resource that is committed to an incident will display a button showing which incident it is assigned to you may click the button to display that Incident screen.



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Click on “**Make New Group**” which allows you to group resources.

Select the resources you want to Group then click the “**Save Group**” button.

To cancel a Group select one of the resources in the Group then click the “**Cancel Group**” button.

Resource Status window showing a list of resources. The 'Group' field contains 'E31 E32 E33'. The 'Cancel Group' button is highlighted.

ENG	PRV
E31	P31
E32	P32
E33	DVH
CRW	B31
C3	D3
HEL	LE
H522	LE4D3
AT	
AT01	
AA	
AA13	

Group: E31 E32 E33

Cancel Group

Available Delay30 Avail Cell Unav-Mech
Avail Qtrs Overnight DO Avail Day Off
In Service InSvc Unav DO InSvc
Out of Svc Avail Page DO OutSvc

LAKE: Lakeshore Station

Use Map Loc Clear Lat/Lon

Resource Status window showing a list of resources. The 'Group' field contains 'E31 Engine 31 (Home: PINE) Available 02/14/13 1226'. The 'Save Group' button is highlighted.

ENG	PRV
E31	P31
E32	P32
E33	DVH
CRW	B31
C3	D3
HEL	LE
H522	LE4D3
AT	
AT01	
AA	
AA13	

E31 Engine 31 (Home: PINE)
Available 02/14/13 1226

Save Group

NEW L.E.

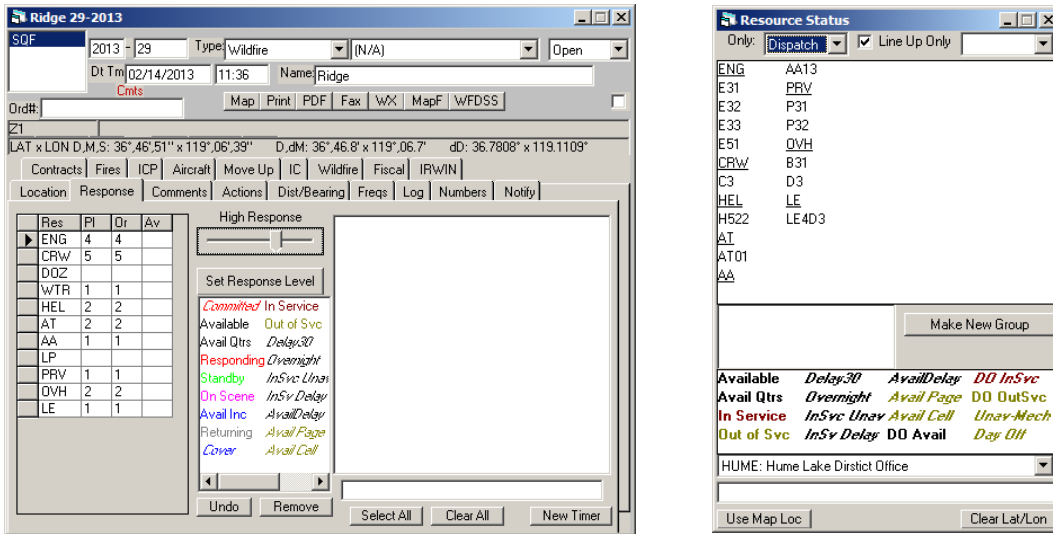
PINE: Pinehurst Station

Use Map Loc Clear Lat/Lon

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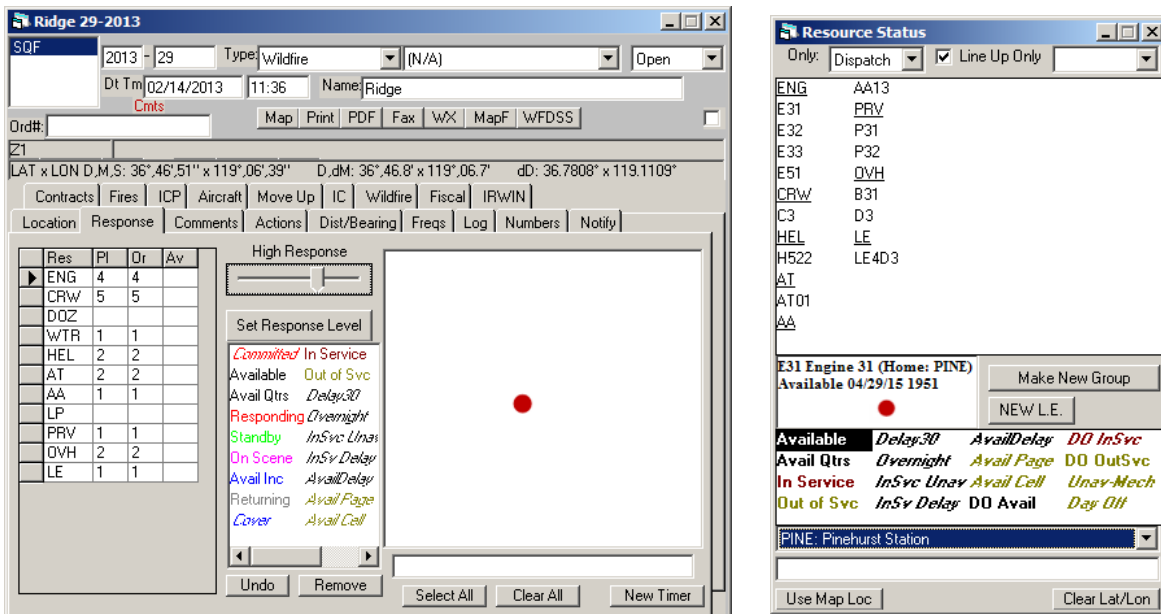
Click and Drag” Resources

After starting a new Incident Click and Drag a Resource to that Incident.

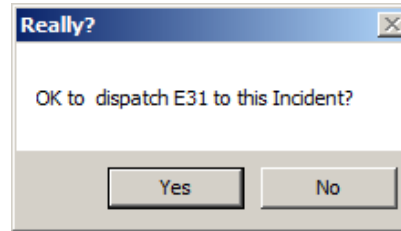
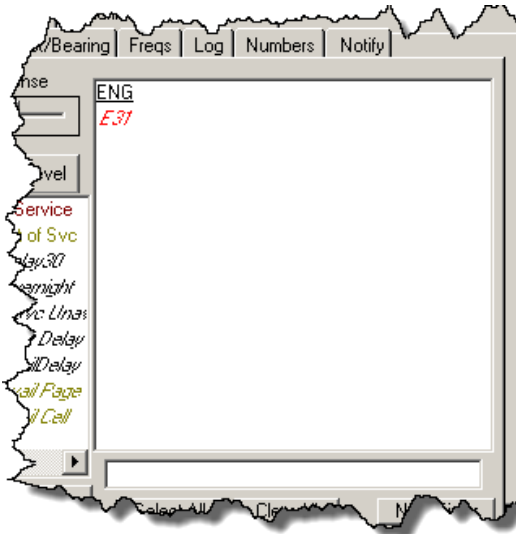


Select “E31” then “Click and Drag” to the Response Tab

First click on the resource that will be committed (“E31”). The resource name and location will be displayed below - click into that box hold down the mouse button (**Click**) a Red Dot will appear and “**Drag**” to the “**Response Tab**” and release mouse.

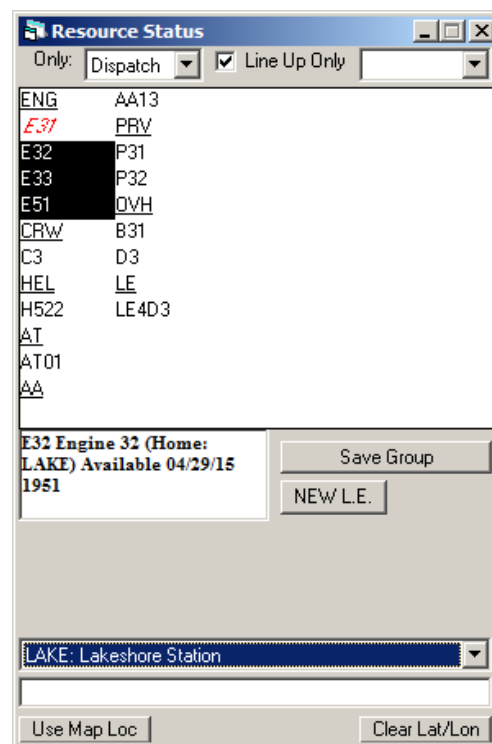
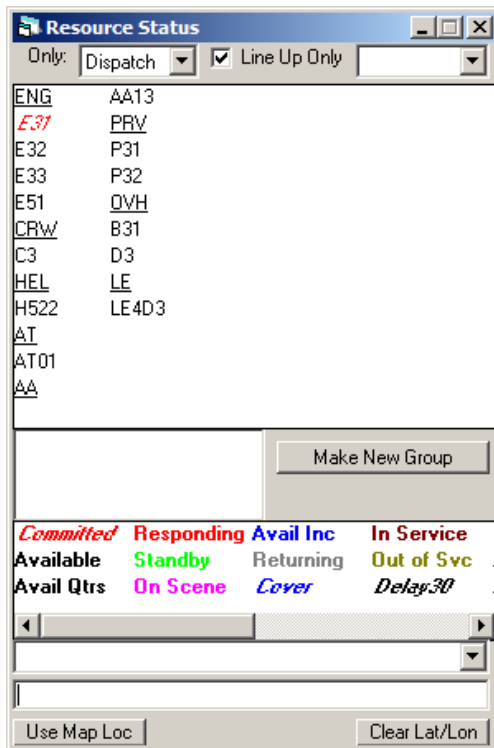


Then a text box will open, click **“Yes”** to commit the resource or click **“No”** to not commit the resource. After clicking the **“Yes”** the resource will display on the **“Resource Tab”**.



“Click and Drag” Groups

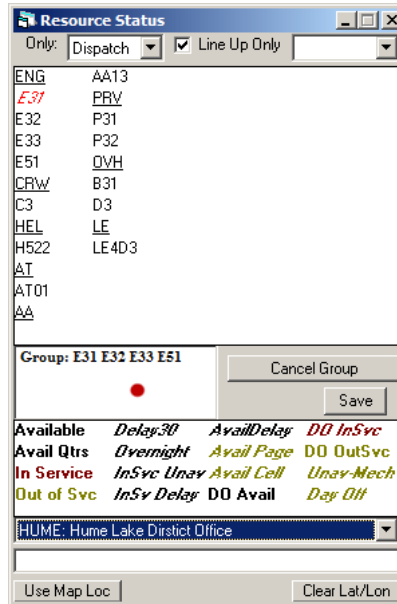
To create a Group – Click on **“Make New Group”** then selecting the resources and then click **”Save Group”**.



Select any one of the resources in the **“Group”** then **“Click Drag”** from the box with the list of resources in the Group to the Response Tab.

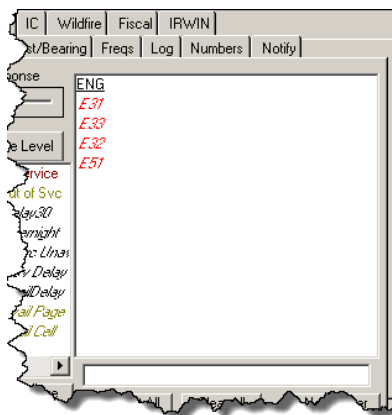
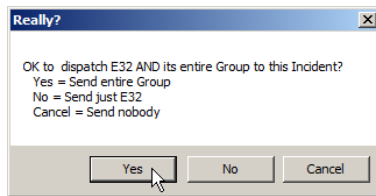
WildCAD6 – WildCAD User Guide

The “Group” will be displayed below - click into that box hold down the mouse button (**Click**) a Red Dot will appear and “**Drag**” to the “**Response Tab**” and release mouse.

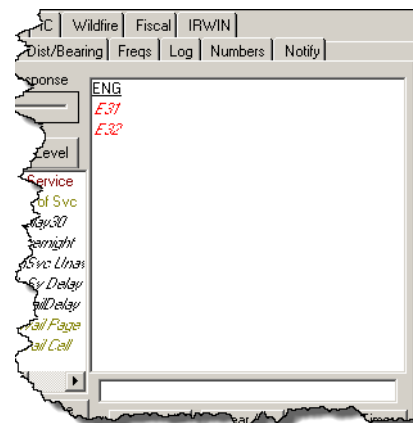
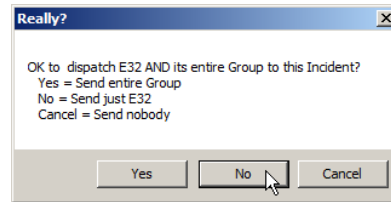


A box will open; click “**Yes**” to commit the entire group. Click “**No**” to send only the one resource you selected. Click “**Cancel**” to send nobody.

“**Yes**” Click:



“**No**” Click:

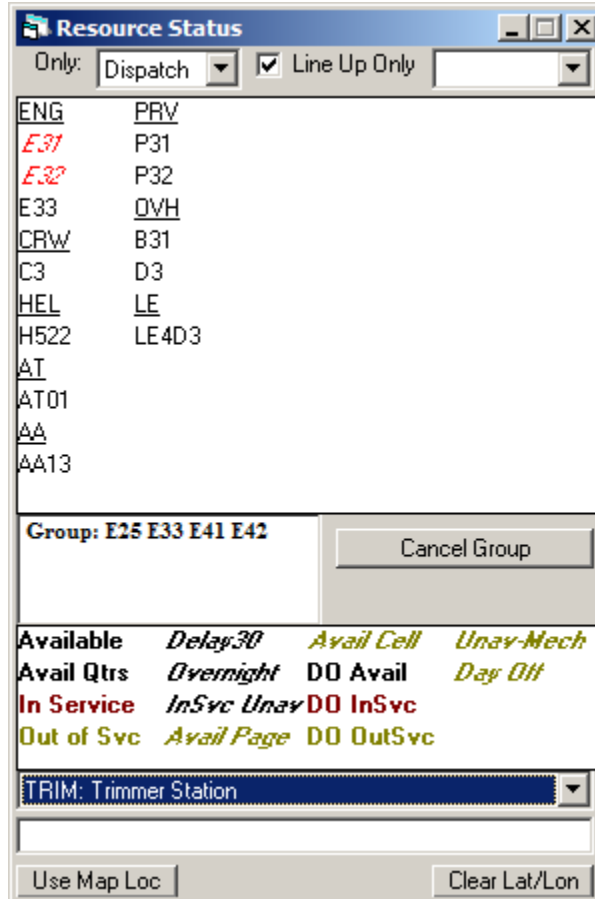


(E32 was already committed)

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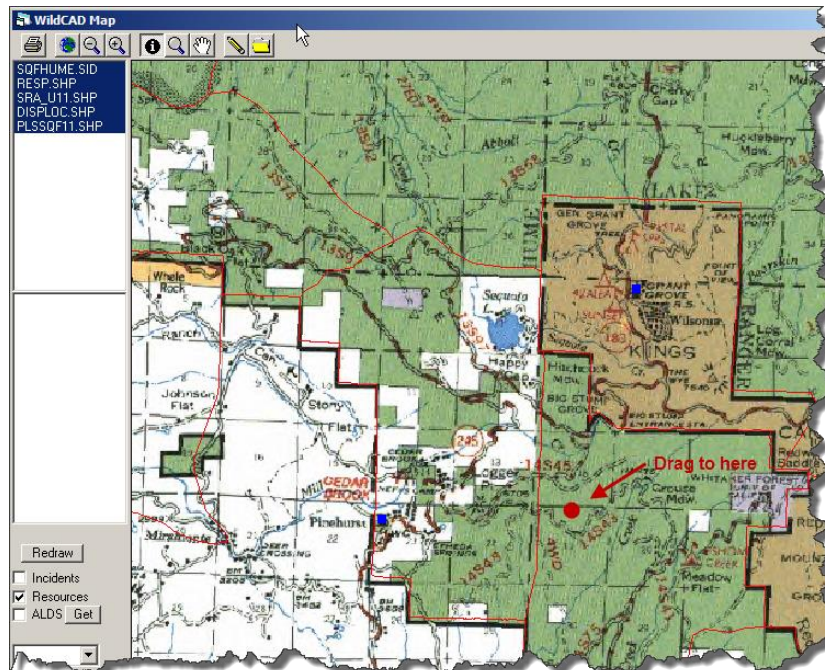
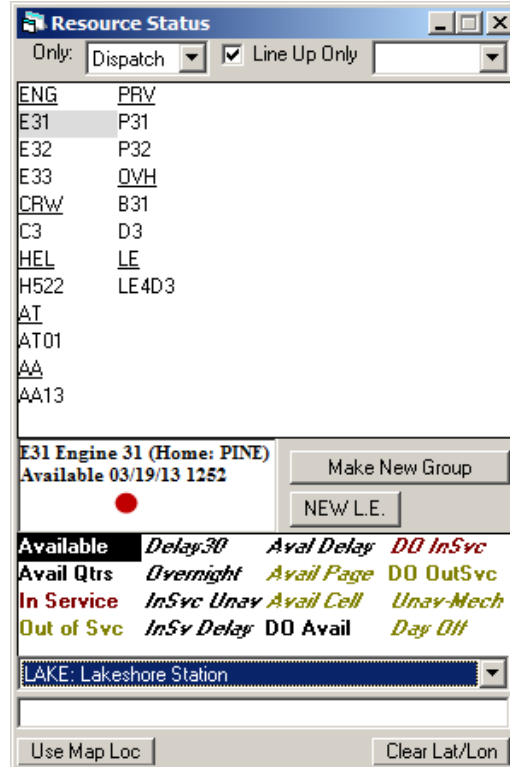
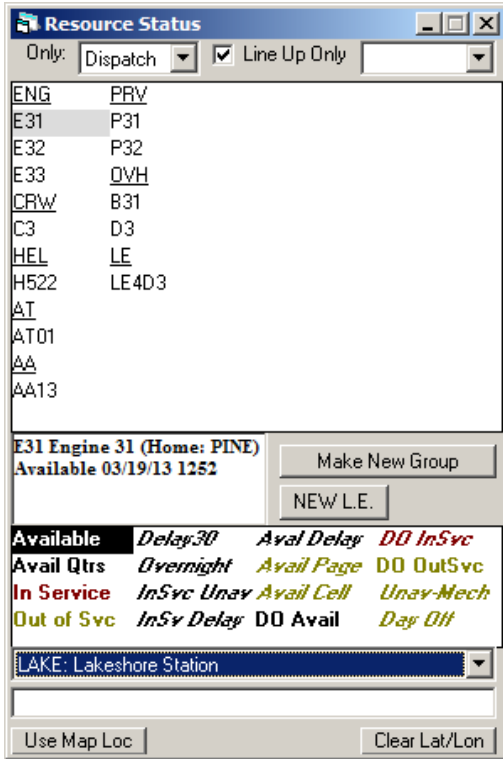
After sending just one resource from a Group, the remaining resource are still available to be send as a group or by single resources

If you no longer want to maintain the Group, select one of the remaining resources and click “**Cancel Group**”



“Click and Drag” to Change Location

First click on the resource that will be moving (“E31”). The resource name and location will be displayed below - click into that box hold down the mouse button (**Click**) a Red Dot will appear and “**Drag**” to the map location and release mouse.



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Resource Status

Only: Dispatch Line Up Only

ENG	PRV
E31	P31
E32	P32
E33	OVH
CRW	B31
C3	D3
HEL	LE
H522	LE4D3
AT	
AT01	
AA	
AA13	

E31 Engine 31 (Home: PINE)
In Service 03/19/13 1306

Make New Group
NEW LE.

Available	Delay:30	Aval Delay	DO InSvc
Avail Qtrs	Overnight	Avail Page	DO OutSvc
In Service	InSvc	Unav	Avail Cell
Out of Svc	InSy Delay	DO Avail	Day Off

PINE: Pinehurst Station

Use Map Loc 36.6959x118.9734 Clear Lat/Lon

WildCAD Map

SQFHUME.SID
RESP.SHP
SR4_U11.SHP
DISPLOC.SHP
PLSSQF11.SHP

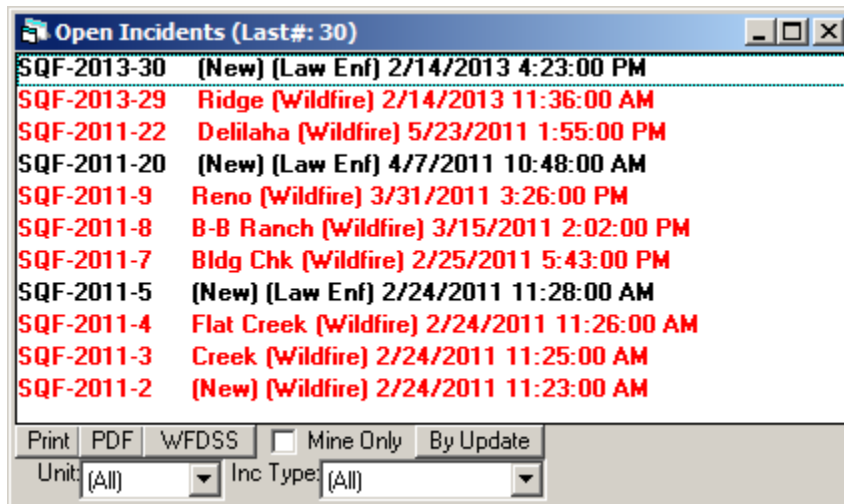
Redraw
 Incidents
 Resources
 ALDS Get

Open Incidents (F8)

Incidents => Open Incident



The Open Incidents Window (F8) shows all open incidents:



Double-click on a listed incident to open its window. To remove an incident from this list, change its status to “Closed”. It may later be changed back to “Open” - the only impact of setting an incident’s status to “Closed” is to remove it from this list.

Print – Print this Incident Report to a Printer

PDF – Print this Incident Report to a PDF File

WFDSS – This feature has been eliminated.

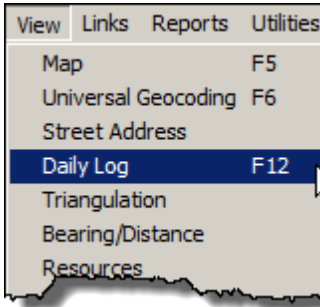
Mine Only – IF check it will only display incidents that show you as Dispatcher.

By Update – Allow you to sort by Last Access or Number

- **By Access** – List the Incidents by last access date and time.
- **By Number** – List the Incidents by Incident Number

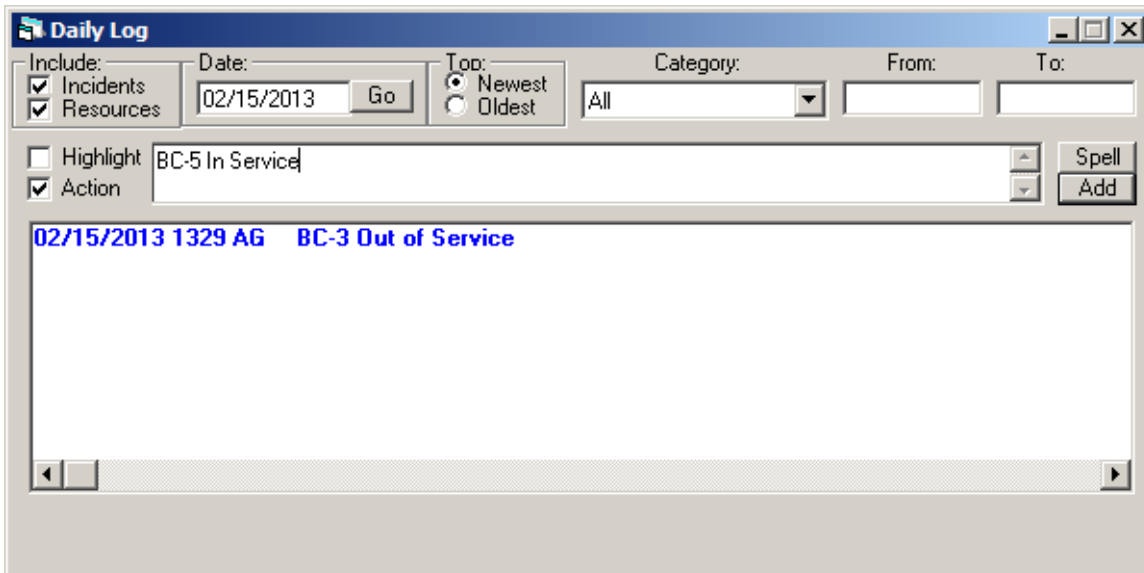
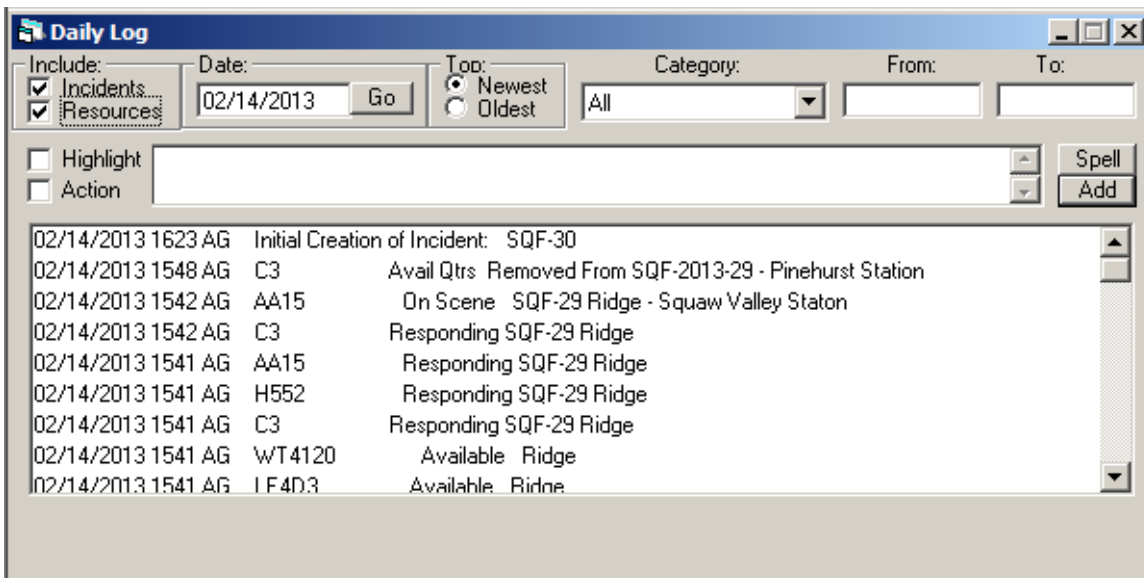
Daily Log (F12)

View => Daily Log



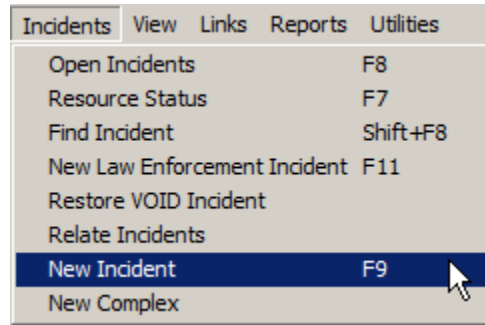
The Daily Log allows you to enter log comments each day, without the need to open a separate Incident just for this purpose. You may also view all Incident and/or Resource activities for the day.

Checking “**Highlight**” shows the entry in red. “**Action**” shows in blue until the item is again status and action turned off.



INCIDENTS

Use the Incidents Menu to select the main working screens in WildCAD. Many of the items on this menu have a shortcut key that may be click instead of using the menu. For example, you may start a new incident by clicking F9.



New Incident (F9)

Incidents => New Incident

Clicking F9 to start a new incident will show the incident form, with no location, Response Area, or other information. F9 means that you want to initiate the Incident manually, as opposed to starting the Incident from the map

Before examining the Incidents Menu items, let us discuss the primary screen you will use in WildCAD - the Incident Screen.

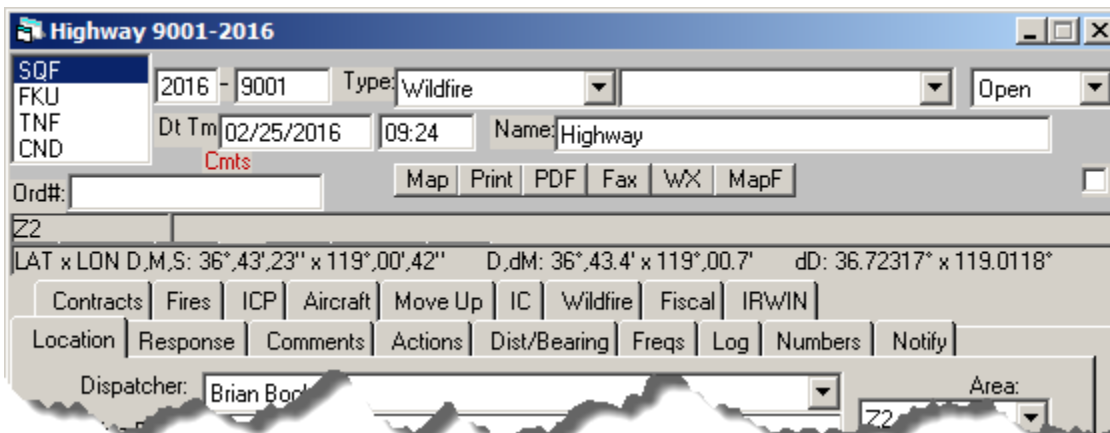
The fields required in order to have an Incident be sent to IRWIN are:

- Discovery Date/Time (auto in WildCAD)
- Incident Number (auto in WildCAD)
- Unit (generally auto in WildCAD)
- Incident Type = Wildfire, Structure Fire, Vehicle Fire or RX Fire
- Discovery Size (new field "Disc Acres" on Location Tab)
- Fire Name (other than "New!")
- Latitude / Longitude
- This Center has primary responsibility for this Incident must be checked - another new field on the Location Tab. If your center is NOT responsible for the incident you would un-check the box. If you UNCHECK this on a fire, your information about this Incident will not flow through IRWIN to other systems

Incident Screen

As you work with WildCAD, you will frequently manage Incidents on this Incident Screen. The screen contains numerous "Tabs", each of which is described below:

Header Information



The top portion of the Incident Screen contains the **Agency**, **Year**, and **Incident Number**. The Incident Number will be automatically assigned by WildCAD.

You also see the **Incident Type**, and, if established in your center, **Incident Sub-Types**. The Incident Status is shown - either "**Open**" or "**Closed**", along with the **Date**, **Time**, and **Incident Name** (other than "New" are shown). The Date and Time will be automatically assigned by WildCAD. If this Incident is in support of a Resource Order, the Order Number (**Ord#**) is shown. If comments are present "**Cmts**" indicates they need to be reviewed.

You may use the following buttons:

Map – have the WildCAD Map move to the Incident location.

Print – Print this Incident Report to a Printer

PDF – Print this Incident Report to a PDF File

Fax – Fax this Incident Report.

WX – if you are connected to the Internet, view most recent RAWS weather from the RAWS station closest to this Incident.

MapF – Save the Map as a BMP File

WFDSS – This feature has been eliminated – replaced by the IRWIN interface.

The **Response Area** and **Incident Location (lat/long)** are also displayed in the Incident Header area.

Location Tab

The screenshot shows the 'Highway 9001-2016' window with the following details:

- Incident Info:** SQF, 2016 - 9001, Type: Wildfire, (N/A), Open
- Date/Time:** Dt Tm: 02/25/2016 09:24, Name: Highway
- Coordinates:** LAT x LON D,M,S: 36°.43'.23" x 119°.00'.42", D,dM: 36°.43.4' x 119°.00.7', dD: 36.72317° x 119.0118°
- Response Info:** Dispatcher: Brian Booher, Reporting Party: (empty), Initial Report: 2 to 3 Acres, Initial Location: (empty)
- Area:** Z2, Disc Acres: 3, Station: PINE, Give ADS to Sit/209:
- Responsibility:** This Center has primary responsibility
- Coordinates Grid:**

T	NS	R	EW	Sec	SubSec
14	S	27	E	11	SENW
- HAZARDS:** HAZARDS (highlighted in red)
- Notes:** DPA: SQF
- Buttons:** Update, Web Comment, No WildWeb, Void

The “**Dispatcher**” is automatically entered, to change use the pull down menu. Enter information about the “**Reporting Party**”, and “**Initial Location. Response Area**” is automatically entered but can be changed using the pull down menu.

Disc Acres – Enter the size of the fire at the discovery time.

If you select a “**Related Station**”, then Resources on this Incident will have their locations moved to that station when you put them “**On Scene**”.

This Center has primary responsibility – (Important only for Incident Types that go to IRWIN.) The default is true (checked). If your center is NOT responsible for the incident you would un-check the box. If you UNCHECK this for a fire, IRWIN will treat the incident as a Support Incident.

Once an Incident has gone to IRWIN, any updates you make are sent immediately, provided you have changed one of the fields IRWIN is interested in. (You must “**Tab Out**” of a data entry box before it will be sent to IRWIN.)

Give ADS (Authoritative Data Source) to Sit/209 – (Important only for IRWIN Incident Types where your Center has primary responsibility.) If your Center has turned over

WildCAD6 – WildCAD User Guide

responsibility for updating the Incident in to someone else (e.g. to an Incident Management Team), check “Give ADS to Sit/209”. From then on, changes to *your* data for this Incident will not flow to IRWIN.

Enter the “**Initial Location**” of the Lat/long and legal description, this information is automatically entered, selecting a location of the **Map (F5)** and clicking “**New Inc**”

Enter the “**Actual Location**” of the Lat/long and legal description (optional)

Click “**Use Area Lat Lon**” to use a representative latitude/longitude for this Response Area. Click “**Use Map Location**” to use the location shown on the WildCAD map.

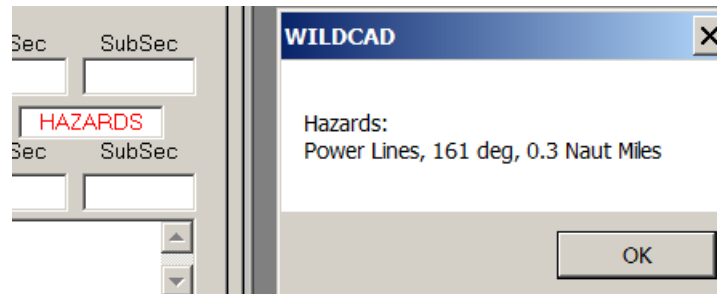
You may include narratives about the “**Initial Report on Conditions**”, “**Notes**”, and the “**Web Comment**”, which will appear on the WildWeb web page. To prevent this Incident from being displayed by WildWeb, click the “**No WildWeb**” box.

Update From – if you have Unchecked “This Center has...”, you may enter the year, unit, and incident number of the incident in the center having primary responsibility and then click “Get” to have the Name and Lat/Lon on your record be updated with information from that other incident.

The screenshot shows the WildCAD6 software interface for incident management. The window title is "Highway 9001-2016". The interface includes a header with incident details: SQF, FKU, TNF, and CND. The incident number is 2016 - 9001, Type is Wildfire, and Name is Highway. The date and time are 02/25/2016 09:24. There are buttons for Map, Print, PDF, Fax, WX, and MapF. The location is Z2, with coordinates LAT x LDN D,M,S: 36°43'23" x 119°00'42" and D,dM: 36°43.4' x 119°00.7'. Below this are tabs for Contracts, Fires, ICP, Aircraft, Move Up, IC, Wildfire, Fiscal, and IRWIN. The main form has tabs for Location, Response, Comments, Actions, Dist/Bearing, Freqs, Log, Numbers, and Notify. The form fields include: Dispatcher: Brian Booher, Reporting Party: (empty), Initial Report: 2 to 3 Acres, Initial Location: (empty), This Center has primary responsibility: (unchecked), Update From: 2016-CASQF-9008, Initial Latitude: 36.72317, Lon: 119.0118, Actual Location: (empty), Actual Latitude: (empty), Lon: (empty), Notes: DPA: SQF, Web Comment: (empty). There are also buttons for Get, Sec, SubSec, and a HAZARDS button. A checkbox for Give ADS to Sit/209 is present, and a No WildWeb checkbox is at the bottom right.

HAZARDS

If the word “Hazards” shows in red, click on that word to see a list of nearby hazards.



LOWER PORTION OF THE LOCATION TAB

Notes: This is an area to enter any additional comments about the Incident. If you originated the Incident from the map, the comments at the very bottom of the map – often DPA, Ownership or sensitive resource concerns – will carry over as a start.

Update: Click “**Update**” and any contents of the Notes section will be lost and replaced with the comments from the bottom of the map, after it automatically moves to the Incident location.

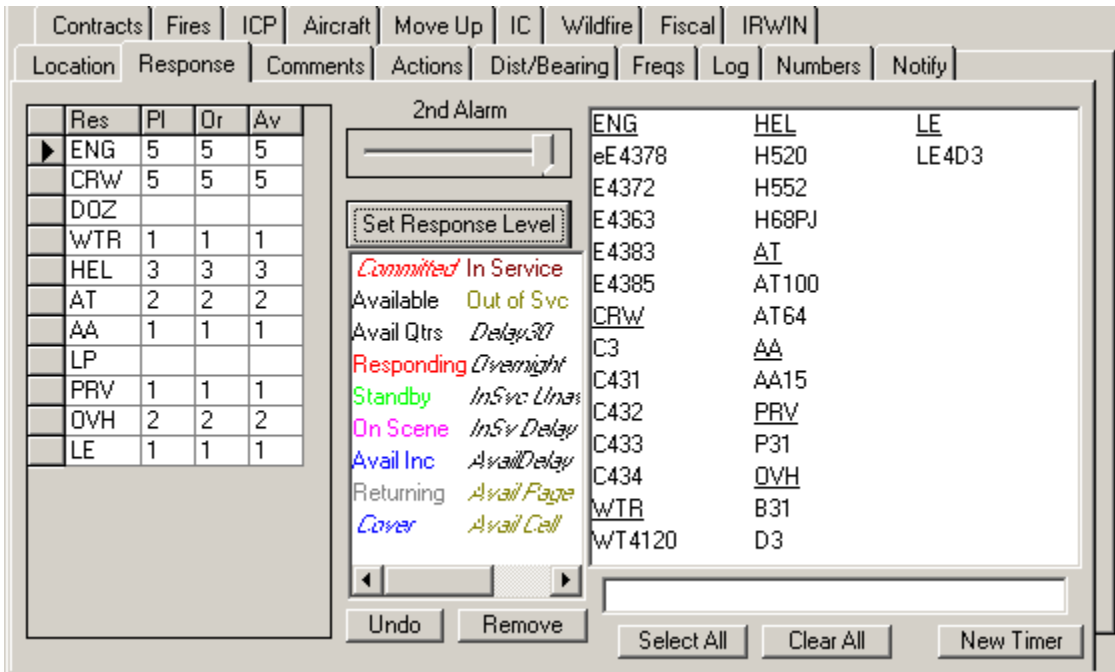
Web Comment: Enter comments to show on WildWeb, if your System Administrator has chosen this feature.

No WildWeb: Check this to prevent this Incident from showing on WildWeb.

VOID: You may “**VOID**” this incident only no resources are assigned to the Incident.

Response Tab

Manage your responding resources on this tab:



Click and drag the Response Level slider to the appropriate level, and click "**Set Response Level**". WildCAD will recommend those resources which it thinks should respond. Click on one or more resources (a line will be drawn through those you have selected) and then click on a status code. It is important to at least commit the resources to your incident quickly, so that another dispatcher may not use them for another incident.

The columns at the left are:

- **Res** – Resource Type
- **PI** – Number preplanned
- **Or** – Number requested for this Incident
- **Av** – Number available

You may change the quantities in the Or (ordered) column to, for example, request the next closest engine.

Use the "**Select All**" or "**Clear All**" as shortcuts.

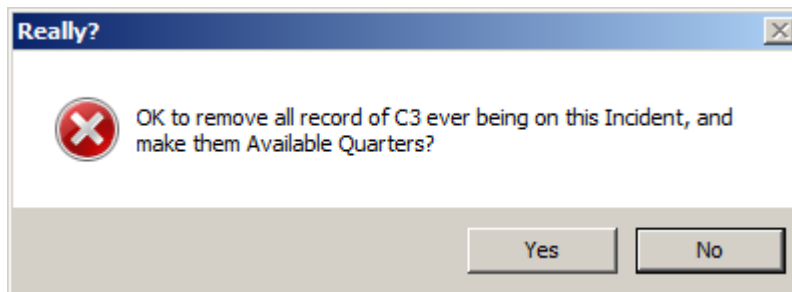
Select a resource and click "**New Timer**" to start a timer for that resource.

The "**Undo**" button at the bottom can be used to undo recent status changes. Click it, and you will see a list of status changes you have made:



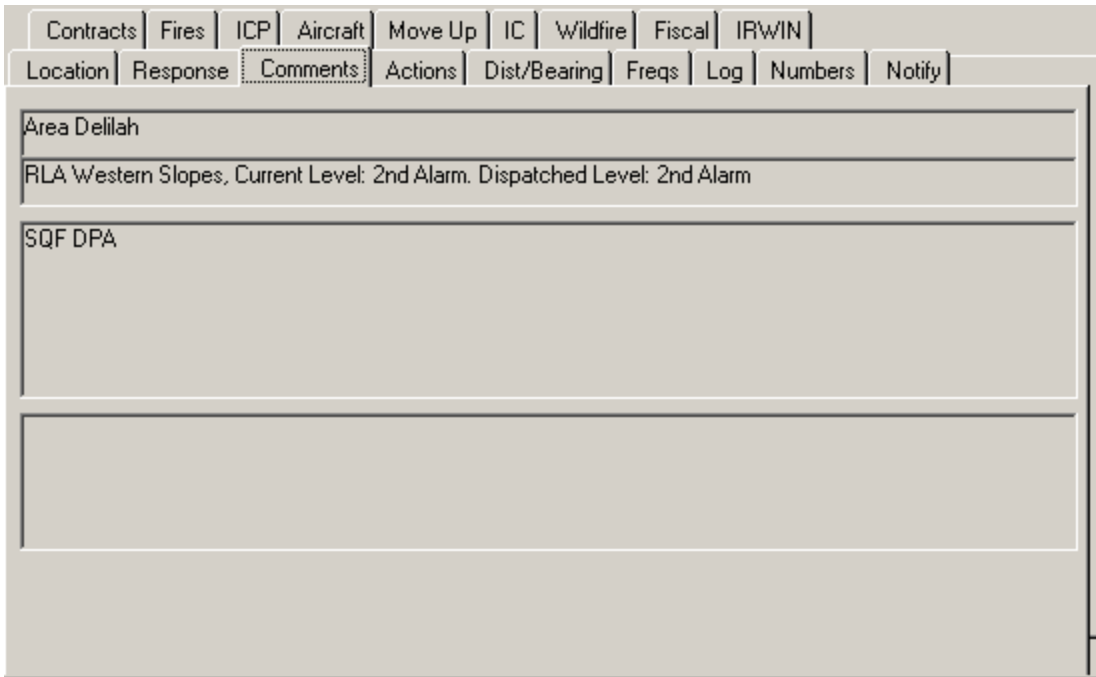
Select one of the listed actions, and then click “Undo”.

The “**Remove**” button at the bottom will be present if the System Administrator has allowed “**Removal Of Resource From Incident**” and can be used to completely remove a resource from the incident, along with any history that it was ever on this Incident. Click, and you will be asked to confirm:

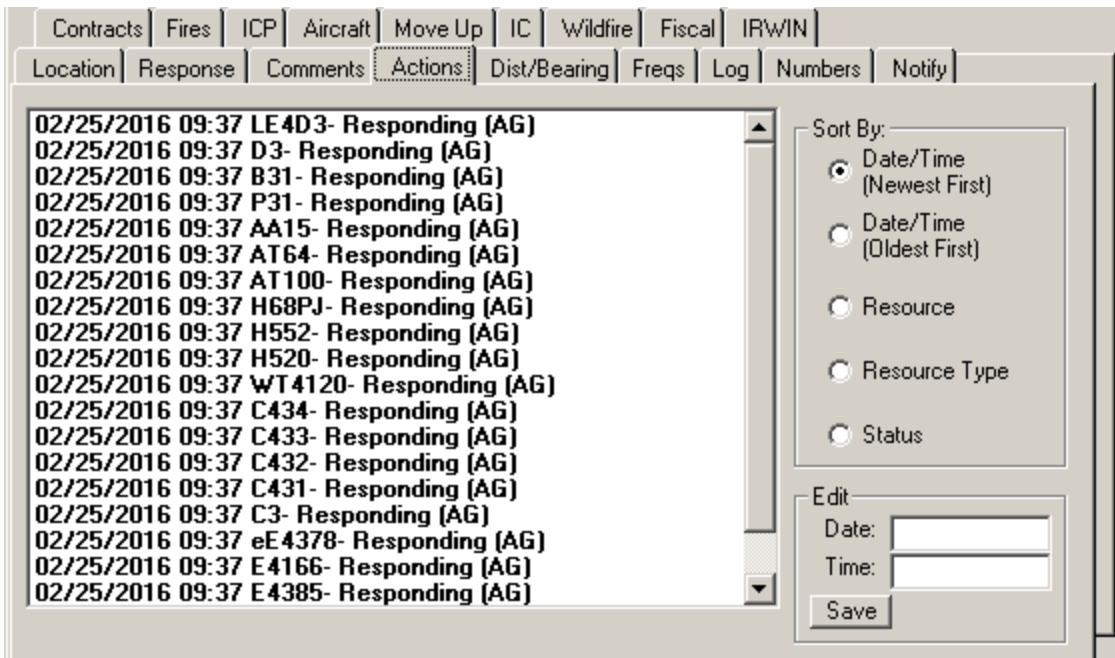


Comments Tab

This tab shows information entered by the System Administrator and Related incidents.



Actions Tab



The Actions Tab shows all of the status changes for resources on this Incident. You can sort actions by selecting the different option below “**Sort By**”. If you select (click on) one of the statuses, you may then edit its Date and Time in the lower right. Click Save to update the database.

Note: The ability to edit these dates and times is a decision made by your System Administrator. If you do not see the **"Edit"** block in the lower right, your center has chosen to not allow dates and times to be changed.

Dist/Bearing Tab

Contracts Fires ICP Aircraft Move Up IC Wildfire Fiscal IRWIN											
Location		Response		Comments		Actions		Dist/Bearing		Freqs Log Numbers Notify	
VOR				Air Tanker Base				Helibase			
30nm	077°	CUK:	ACADEMY NDE	34nm	079°	FAT:	FRESNO AIF ▲	13nm	300°	AMH:	ASH MT ▲
31nm	031°	VIS:	VISALIA VOR/D	41nm	348°	PTV:	PORTERVIL	17nm	111°	TRM:	TRIMME
40nm	075°	FCH:	CHANDLER ND	49nm	204°	BIH:	BISHOP AIR	39nm	247°	207:	INDEPEN
40nm	089°	CZQ:	CLOVIS VORTA	100nm	035°	PRB:	PASO ROB	45nm	314°	PMT:	PEPPEF
47nm	017°	COR:	SALYER FARM	103nm	124°	O22:	COLUMBIA	67nm	318°	KNV:	KERNVII
49nm	345°	TTE:	TULE VOR/DM	115nm	078°	HTR:	HOLLISTEI	73nm	130°	CFL:	CRANE F
51nm	048°	NLC:	LEMOORE TAC	125nm	328°	WJF:	FOX AIR TA	78nm	349°	BFL:	MEADOV
74nm	349°	EHF:	SHAFTER VOR	127nm	106°	SCK:	STOCKTON	93nm	155°	BRG:	BRIDGE
78nm	001°	BFL:	BAKERSFIELD	141nm	149°	MEV:	MINDEN A	93nm	332°	KEE:	KEENE F
80nm	020°	AVE:	AVENAL VORT	143nm	000°	SBA:	SANTA BAF	100nm	132°	BAD:	BALD M
106nm	007°	FLW:	FELLOWS VO	153nm	336°	VNY:	VAN NUYS	102nm	118°	BSL:	BASELIN
				154nm	118°	MHR:	MATHER A	105nm	070°	BVH:	BEAR V
				155nm	333°	BUR:	BURBANK	114nm	021°	ARG:	ARROY
				161nm	258°	INS:	INDIAN SPF	115nm	345°	CHU:	CHUCH
				170nm	151°	RNO:	RENO AIR	140nm	351°	CAS:	CASITA
				177nm	131°	O17:	GRASS VAL	144nm	135°	BHL:	BIG HILI
				181nm	149°	4SD:	STEAD AIR ▼	145nm	085°	ALM:	ALMA H ▼

These three lists are sorted according to air miles - with closest shown at the top. Every time you visit this tab, the lists are recalculated based on the lat/long shown on the Location tab.

Freqs Tab

Enter Frequencies for the Incident, using categories (e.g. Ground) established by your System Administrator. If established by your System Administrator, you may use “Assign Default Frequencies”.

Use the “**Defaults**” block at the bottom to select first a Frequency Type, and then a Frequency to add. It will appear in the “**Add a Frequency**” block.

You may, instead, manually enter a Frequency, or edit a default, in the “Add a Frequency” block.

Click “**Add**” to add it to this Incident Clicking any Frequency assigned to this Incident allows you to edit it (then use “**Save Edits**”), or delete it.

Log Tab

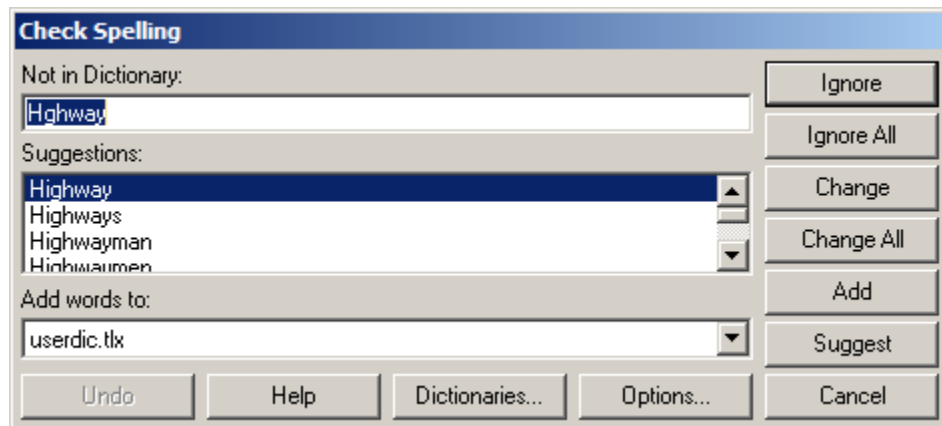
DATE	TIME	FROM	TO	DETAILS
02/25/16	0941	IC	B3	The IC will be B 31 - Jones

Enter any log items on this screen. You may also click on an existing item and edit it. Click "**Save**" to save it. If you have logged in as a Dispatcher, your initials will appear in whichever From/To block you do not initially type into.

Click "**Strikethrough (mark as deleted)**" to indicate this entry was void.

DATE	TIME	FROM	TO	DETAILS
02/25/16	0945	IC	B3	The fire is on both side of Highway 180-
02/25/16	0941	IC	B3	The IC will be B 31 - Jones

Select the Log entry and click on “**Spell Check**” to check the spelling.

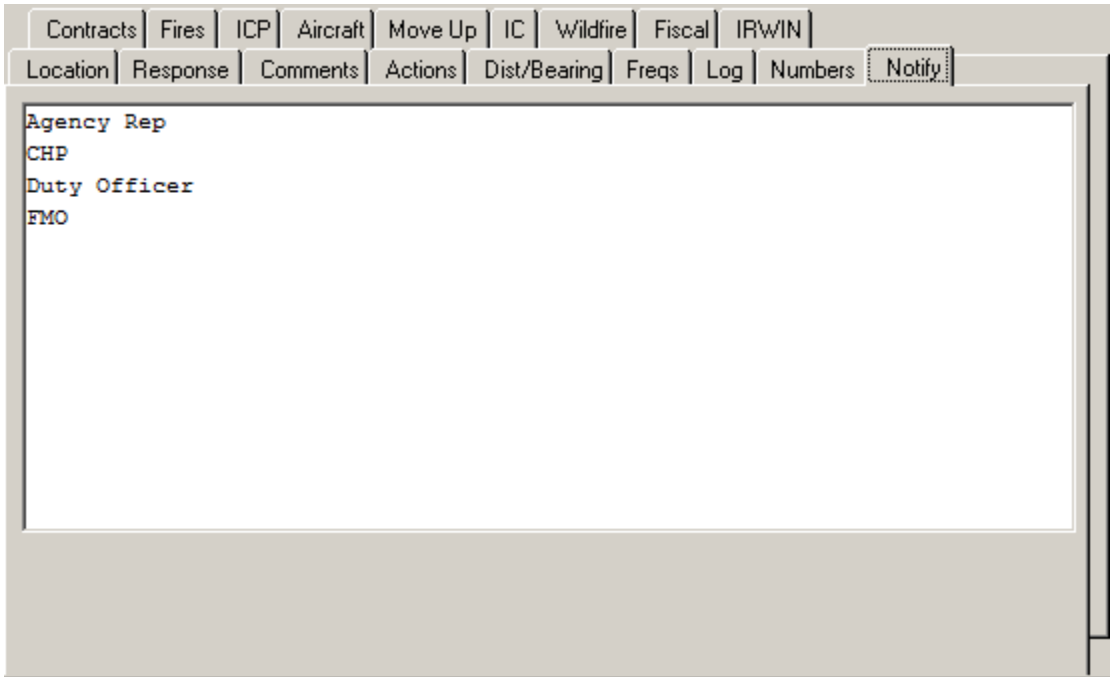


Numbers Tab

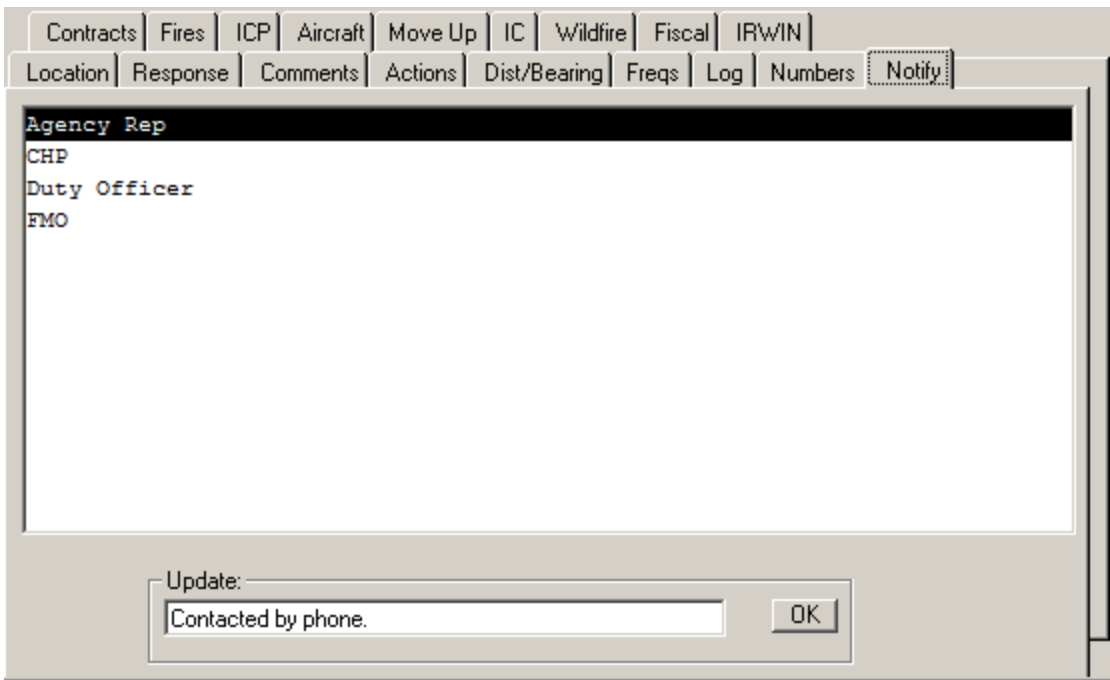


Your System Administrator has the opportunity to create up to twenty different categories of numbers, which you can then enter on this tab.

Notify Tab



Your System Administrator can also create a **"prompt list"** of Notifications. Click on any one of them, and then enter brief details about the Notification and click **"OK"**. If certain Notifications are required, for this Incident, they will appear at the top in red.



Contracts Tab

Location | Response | Comments | Actions | Dist/Bearing | Freqs | Log | Numbers | Notify

Contracts | Fires | ICP | Aircraft | Move Up | IC | Wildfire | Fiscal | IRWIN

Contract Type: Water Tender

Contract SubType: Support, Type 2

9999 miles: (000) Water Delivery Inc.
9999 miles: (001) H2O Products

Water Delivery Inc.
5673 Main St.
Water Tender
\$2000 + miles
555-555-8888-

Add:
Date: 03/14/2013 Ord#

F - Filled Add

F - Filled
D - Declined
U - Unable to Contact

Select the **“Type”** and **“Sub Type”** of contract, and a list of known Contractors will be displayed, sorted by air miles to the Incident. Click on one of them, and you will see information about their EERA/Contract.

At the bottom, you may then enter the **“Date”** and **“Order Number”**, and select status for this Contractor on this order:

- F – Filled
- D – Declined
- U – Unable to Contact

Click **“Add”** to add this history for this Contractor.

Fires Tab

The Fires Tab is used for two different purposes.

On the left, enter the “**Initial Report of Conditions**”, using free text along with a pull down menu for “**Initial Strategy**”.

The screenshot shows the WildCAD interface with the 'Fires' tab selected. The interface is divided into two main sections:

- Initial Report of Conditions:** This section includes fields for Fuels, Jurisdiction, Acres, Wind Speed, Dir, Slope, Aspect, Spread, Complexity (1-5), Initial Strategy (a dropdown menu), Structs Threat'd, Access, and Hazards/Concerns (a text area).
- Fire Report Information:** This section includes fields for Fire # (with an Auto button), Sub (a dropdown menu), # (with an Auto button), Acres, Cls (with a History button), Land Stat, Wilderness? (checkbox), Elevation, Date, Time, Contain, Control, Out, Stat Cause (a dropdown menu), and Spec Cause (a dropdown menu). A Center Data button is located at the bottom right of this section.

On the right, enter the final “**Fire Report Information**”, which will be used for the fire summary reports.

The “**Auto**” buttons will automatically assign the next Fire Number and next Sub Unit Fire Number. “**History**” lists changes to Acres.

Two addition buttons “**AZ Fire info**” (for the Arizona State Lands, if activated) and “**Center Data**” allow you enter addition data. These entry tabs are established by the System Administrator.

Center Data example:

The screenshot shows the Center Data dialog box. It has a title bar with the text 'SQF-2016-9001 Highway 02/25/2016 09:24:36'. Below the title bar, there is a 'Select:' section with two radio buttons: 'Initial Report' (which is selected) and 'Fire Report'. Below this, there are three rows of input fields:

- Powerlines:** A dropdown menu with 'KV Line' selected.
- Evacuation:** A text input field.
- Fuels:** A dropdown menu.

ICP Tab

Enter information about the Incident Command Post on this tab.

If you select by a check the **“Use Incident Lat/Lon for ICP”**, then Contractor distances shown on the Contracts tab will be based on the Incident location.

If you do not select **“Use Incident Lat/Lon for ICP”**, and, instead, enter a different location for the ICP, then that location you enter will be used to calculate Contractor distances. You may also **“Find ICP”** which allows you to automatically fill in the lat/long based on Dispatch Location, Place Name, or Legal:

The Functions are established by the System Administrator. Enter the **“Expanded TN”** (Telephone Numbers) and **“ICP Telephone Numbers”**.

Aircraft Tab

The Aircraft Tab combines information from three other tabs, and allows you to enter additional information and print a **“PDF Aviation Report”**.

Location | Response | Comments | Actions | Dist/Bearing | Freqs | Log | Numbers | Notify

Contracts | Fires | ICP | **Aircraft** | Move Up | IC | Wildfire | Fiscal | IRWIN

Legal:
T13S, R26E, Sec 23 (SWNE)

Frequencies:
Ground : CH5-168.200 Crew Net
Air Tactics : 170.000 Air/Ground

Flight Restrictions:
None in Place

MTR / SUA:

Hazards:

ATB:
29nm 073° FAT: FRESNO AIR
45nm 341° PTV: PORTERVILL
50nm 210° BIH: BISHOP AIRPI
97nm 124° O22: COLUMBIA AI

HELIBASE:
12nm 112° TRM: TRIMMER HI
19nm 297° AMH: ASH MT HEL
44nm 252° 207: INDEPENDEN

Other Aircraft:

Reload Base:

Grd Contact:

PDF Aviation Report

Move Up Tab

Pre-planned Move Ups for this Response Area, Response Type, and Level are shown:

Location | Response | Comments | Actions | Dist/Bearing | Freqs | Log | Numbers | Notify

Contracts | Fires | ICP | Aircraft | **Move Up** | IC | Wildfire | Fiscal | IRWIN

Pre Planned Move Ups

E31 -> FRESNO

Additional Move Ups

Move:

To:

Move Up

Move Up

Select one of the items, and click **“Move Up”**. You may also manually Move Up additional Resources using the right side of this screen.

IC Tab

Use this tab to create a history of the Incident Commander. You may also enter Trainees – enter the same information and click **“Trainee”**.

Location	Response	Comments	Actions	Dist/Bearing	Freqs	Log	Numbers	Notify
Contracts	Fires	ICP	Aircraft	Move Up	IC	Wildfire	Fiscal	IRWIN

02/25/2016 0955: Ed Williams (Trainee) Effective 2/26/2016
(AG) Other Comments:

02/25/2016 0954: Bob Jones Effective 2/25/2016
(AG) Other Comments: Call sign B 31

Add Information About IC:

IC Name: Trainee Effective:

Other IC Comments:

Wildfire Tab

The name of the Tab between IC and Fiscal will change according to the Incident Type, and will contain additional questions (for this Incident Type) developed for use in your Center.

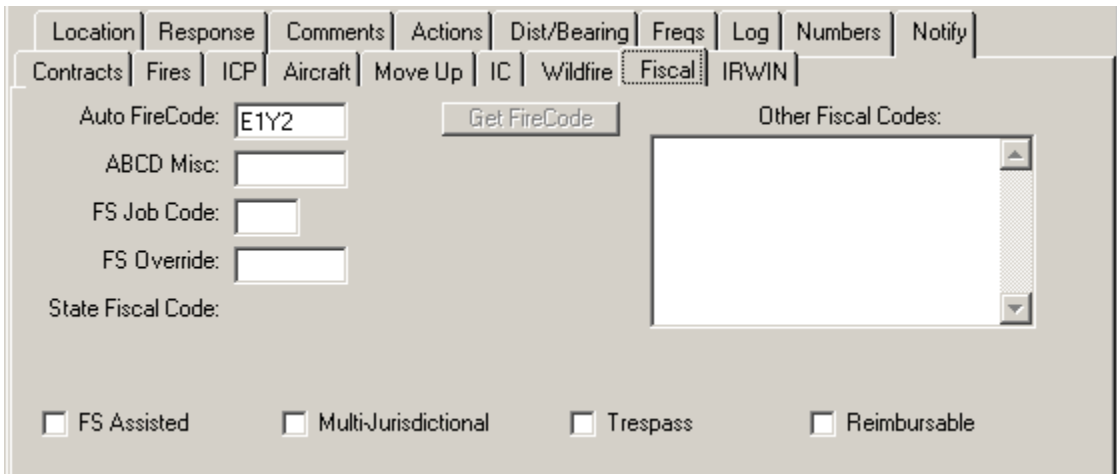
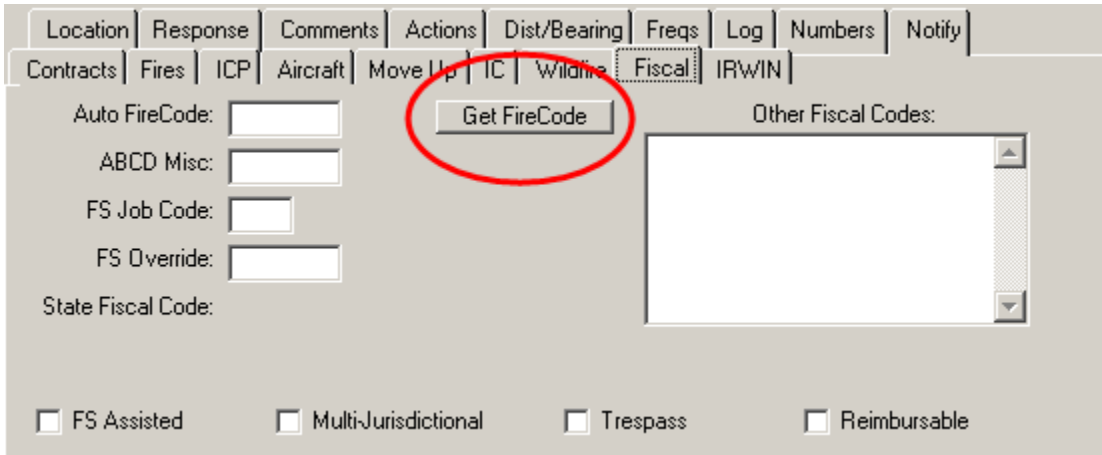
To enter information for a question, click on it, type the response below, and click **“Save”**.

Location	Response	Comments	Actions	Dist/Bearing	Freqs	Log	Numbers	Notify
Contracts	Fires	ICP	Aircraft	Move Up	IC	Wildfire	Fiscal	IRWIN

What is the size?

Fiscal Tab

Once an Incident has gone to IRWIN, you can have WildCAD automatically request a FireCode via IRWIN. This is done on the Fiscal Tab by pressing the button “**Get FireCode**”. That button is only enabled for your use once the required fields have been successfully sent to IRWIN, and IRWIN has accepted them. After clicking “**Get FireCode**”, wait several seconds and the Auto FireCode will appear. You cannot edit this Auto FireCode.

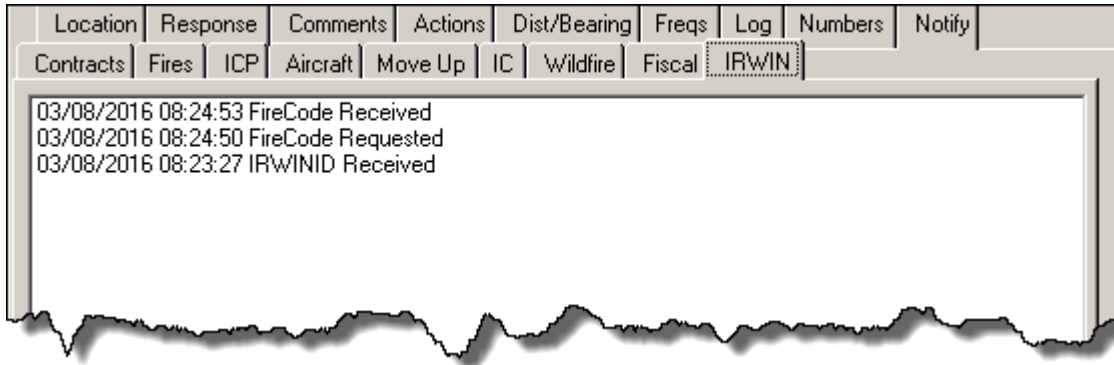


You may manually enter the “ABCD Misc” FireCode, the FS Job Code and FS Override, and can list any other Fiscal Codes in the block to the right. These additional Fiscal Codes will not be sent to IRWIN.

IRWIN Tab

This tab displays information about this Incident and IRWIN:

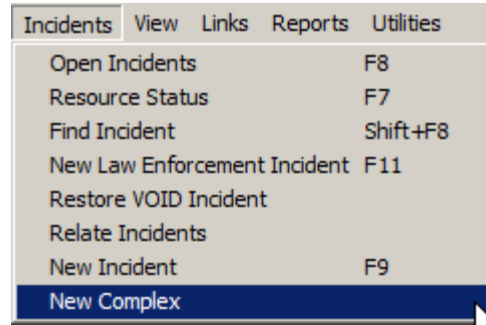
- The Date/Time the IRWINID was received (IRWIN accepted the Incident)
- When a FireCode was requested
- When a FireCode was received
- Any error messages from IRWIN in response to your attempt to update this Incident in IRWIN
-



New Complex

Incidents => New Complex

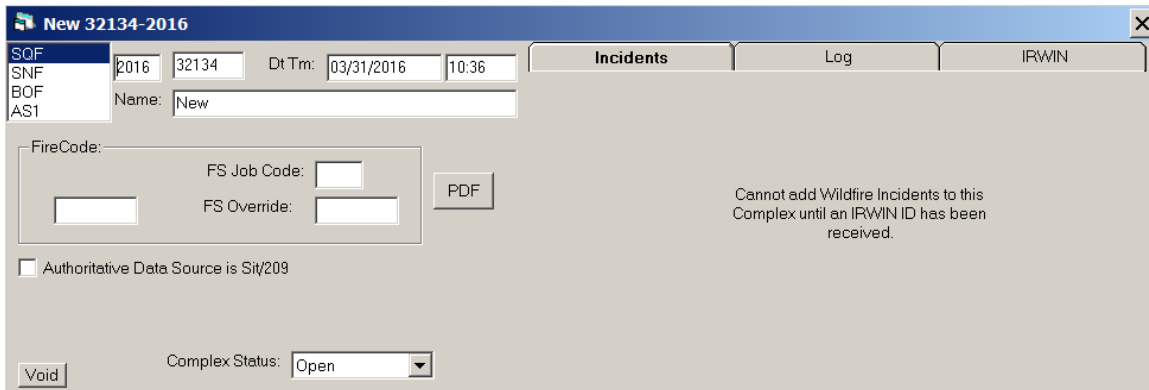
Use this menu item to start a new complex.



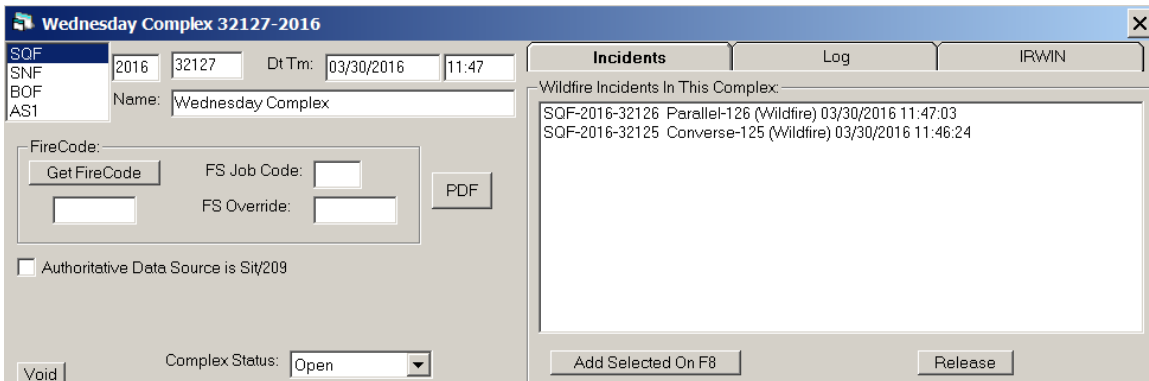
Complex Screen

To allow your new Complex to flow to IRWIN, enter a Name for the Complex.

Incidents Tab



Once the Complex has been accepted into IRWIN, a block will open on the Incidents Tab. To add an Incident to this Complex, select the Wildfire Incident on your Open Incidents screen (F8) and then click "Add Selected on F8". To release an Incident from the Complex, select the Incident and click "Release". Entries will be made in the Incident Log.



Log Tab

Enter any comments regarding the Complex and click “Save”.

The screenshot shows the WildCAD6 interface for 'Wednesday Complex 32127-2016'. The 'Log' tab is selected. The interface includes a header with 'Incidents', 'Log', and 'IRWIN' tabs. Below the header, there are input fields for 'Year' (2016), 'Complex ID' (32127), 'Dt Tm' (03/30/2016), and 'Time' (11:47). A 'Name' field contains 'Wednesday Complex'. There are also fields for 'FireCode', 'FS Job Code', and 'FS Override', along with a 'Get FireCode' button and a 'PDF' button. A checkbox for 'Authoritative Data Source is Sit/209' is present. At the bottom, there is a 'Void' button and a 'Complex Status' dropdown menu set to 'Open'. The main content area displays a table with columns 'DATE', 'TIME FROM', and 'DETAILS'. The table contains one entry: '03/31/16 1034 B3 Complex IC: Aaron Gelobter'. Below the table are 'Clear' and 'Save' buttons, and a 'Log Message:' text area.

DATE	TIME FROM	DETAILS
03/31/16	1034 B3	Complex IC: Aaron Gelobter

IRWIN Tab

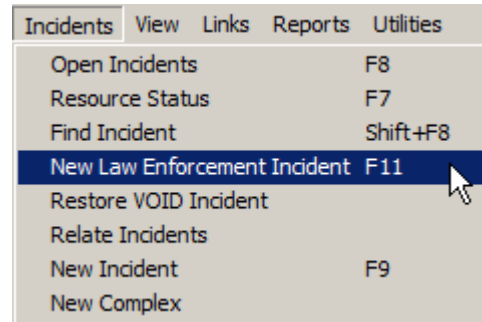
The IRWIN Tab shows a record of certain communications with IRWIN.

The screenshot shows the WildCAD6 interface for 'Wednesday Complex 32127-2016'. The 'IRWIN' tab is selected. The interface includes a header with 'Incidents', 'Log', and 'IRWIN' tabs. Below the header, there are input fields for 'Year' (2016), 'Complex ID' (32127), 'Dt Tm' (03/30/2016), and 'Time' (11:47). A 'Name' field contains 'Wednesday Complex'. There are also fields for 'FireCode', 'FS Job Code', and 'FS Override', along with a 'Get FireCode' button and a 'PDF' button. A checkbox for 'Authoritative Data Source is Sit/209' is present. At the bottom, there is a 'Void' button and a 'Complex Status' dropdown menu set to 'Open'. The main content area displays a single record: '03/30/2016 11:49:34 IRWINID Received'.

New Law Enforcement Incident (F11)

Edit => New Law Enforcement Incident

Use F11 to start a new Incident and have WildCAD set its Incident Type to "**Law Enforcement**". You may then enter any other desired information about the Incident.

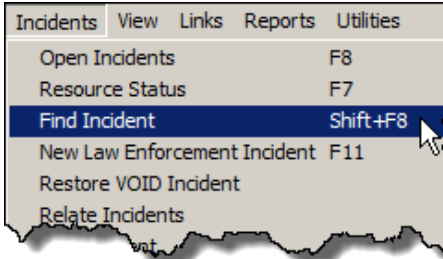


The screenshot shows the 'New 9002-2016' incident form with the following fields and options:

- Incident Info:** SQF, FKU, TNF, CND. Year: 2016, Incident #: 9002, Type: Law Enforcement, Status: Open.
- Date/Time:** Dt Tm: 02/25/2016 10:09, Name: New.
- Buttons:** Ord#, Map, Print, PDF, Fax, WX, MapF.
- Coordinates:** LAT x LON D,M,S: 0°00'00" x 0°00'00" D,dM: 0°00.' x 0°00.' dD: 0° x 0°.
- Category Selection:** Contracts, Fires, ICP, Aircraft, Move Up, IC, Law Enforcement (selected), Fiscal, IRWIN.
- Sub-Category Selection:** Location, Response, Comments, Actions, Dist/Bearing, Freqs, Log, Numbers, Notify.
- Dispatcher:** Brian Booher.
- Reporting Party:** [Empty field]
- Initial Report:** [Empty field]
- Initial Location:** [Empty field]
- Area:** [Empty dropdown]
- Disc Acres:** [Empty field]
- Station:** (None) [Empty dropdown]
- Initial Latitude:** 0 [Empty field] Lon: 0 [Empty field] T NS R EW Sec SubSec
- Actual Location:** [Empty field]
- Actual Latitude:** [Empty field] Lon: [Empty field] T NS R EW Sec SubSec
- Buttons:** Use Area Lat Lon, Use Map Location.
- Notes:** [Empty text area]
- Update:** [Button]
- Web Comment:** [Empty field]
- Options:** No WildWeb, Void [Button]

INCIDENT RECORD MANAGEMENT

Find Incident (Shift+F8)



Incidents => Find Incident

You can find an Incident by any of the shown Search Criteria. In the above example, we are asking for a list of SQF Incidents when we click "**Find**". Use the "Any" buttons to remove criteria for the applicable block.

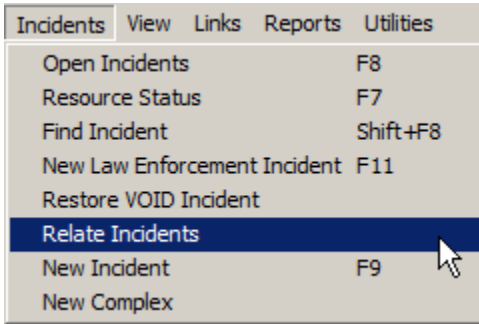
After clicking "**Find**", a list of qualifying Incidents is displayed.

Highlight the desired Incident, and click "**View**" to open the Incident window.

You may also "**Print**", "**PDF**" or "**Fax**" the Incident from this screen, or prepare a report "**Print Timer**" of any Timers associated with the Incident.

A screenshot of the 'Find Incident' dialog box. The dialog has a title bar with a close button. It contains several search criteria sections: 'Date Range' (From and Through fields with an 'Any' button), 'Unit' (SQF field with an 'Any' button), 'Incident Number' (Year: 2012, Incident: empty field with an 'Any' button), 'Incident Type' (two dropdown menus with an 'Any' button), 'Incident Name' (empty field with an 'Any' button), 'Resource Order' (empty field with an 'Any' button), 'Area' (dropdown menu with an 'Any' button), 'Dispatcher' (empty field with an 'Any' button), 'Fire Number' (empty field with an 'Any' button), and 'Sub Fire #' (empty field with an 'Any' button). There is a 'Clear' button and a 'Find' button. Below the search criteria is a list of results: 'SQF-2012-00024 01/16/2012 1832 (New)' and 'SQF-2012-00008 03/15/2012 1402 B-B Ranch'. To the right of the list, it says '2 found.' and 'Select Incident from list, then click to view:'. At the bottom right, there are buttons for 'View', 'Print', 'PDF', 'Fax', and 'Print Timers'.

Relate Incidents

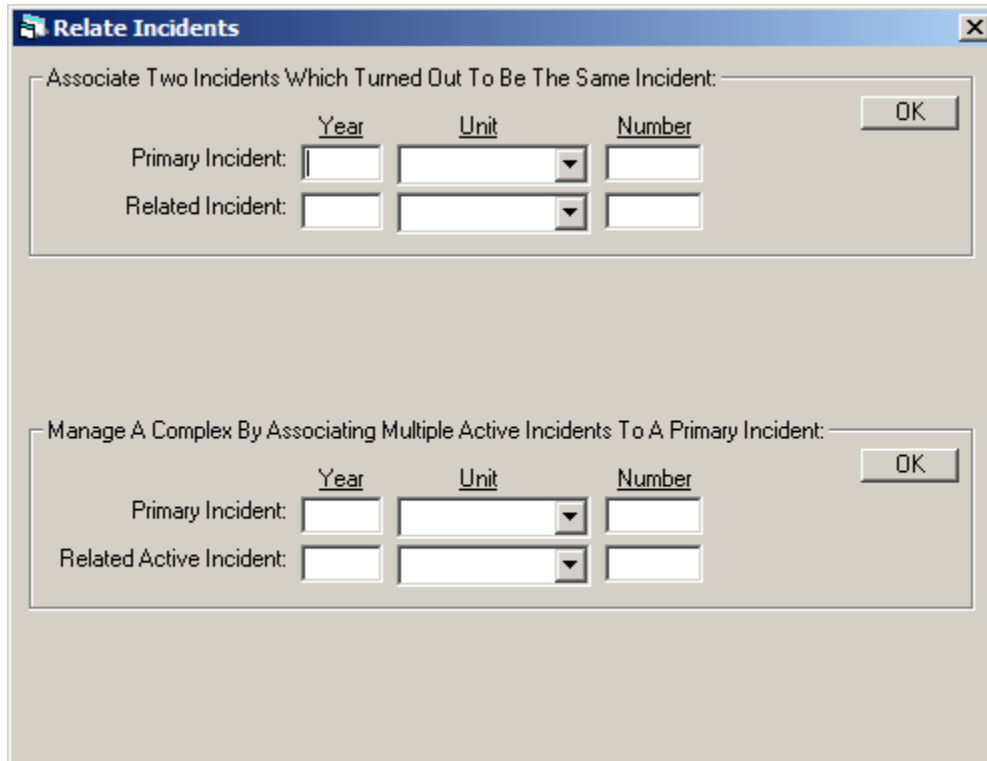


Incidents => Relate Incident

WildCAD allows Incidents to be “related” for two different purposes.

First, two Incidents may have been started (e.g. due to two different reporting parties), but they in fact turned out to be the exact same Incident. In this scenario, all Resources on the second (“Related”) Incident will be diverted to the Primary Incident. However, all comments and other information will remain for both Incidents.

Second, you may establish a Complex of related Incidents. In this situation, no Resources or other information are diverted from one Incident to another, but you will be able to quickly move from the Primary Incident for the Complex to any Related Incidents.



WildCAD6 – WildCAD User Guide

Associate Two Incidents Which Turned Out To Be The Same Incident:

	Year	Unit	Number	
Primary Incident:	2014	SQF	42	Game
Related Incident:	2014	SQF	49	Pine

Resources on the second (Related) Incident will be automatically DIVERTED to the first (Primary) Incident. All log entries, etc will remain with their current Incident.

Relate

WILDCAD

Incidents have been related, and all Resources diverted.

OK

Manage A Complex By Associating Multiple Active Incidents To A Primary Incident:

	Year	Unit	Number	
Primary Incident:	2014	SQF	49	Pine
Related Active Incident:	2014	SQF	42	Game

All assigned Resources, log entries, etc remain with their current Incident. From the Primary Incident, you will be able to quickly jump to Related Active Incidents by viewing and clicking on any Resource assigned to any Incident in the Complex.

Relate

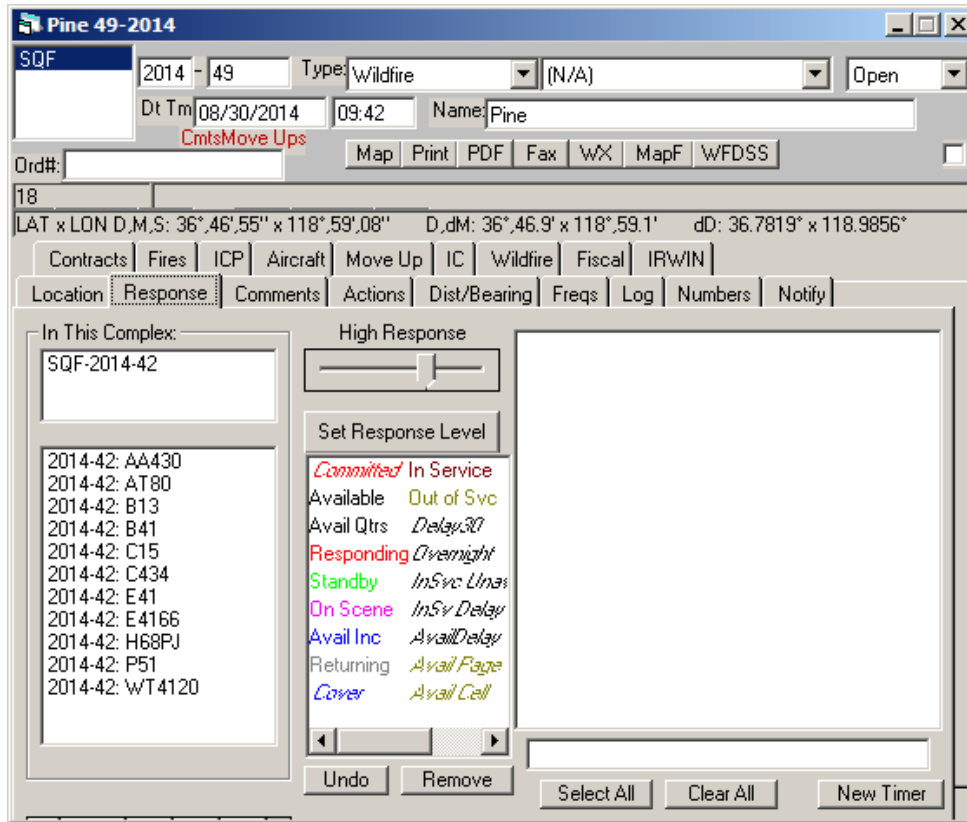
WILDCAD

Incidents have been related.

OK

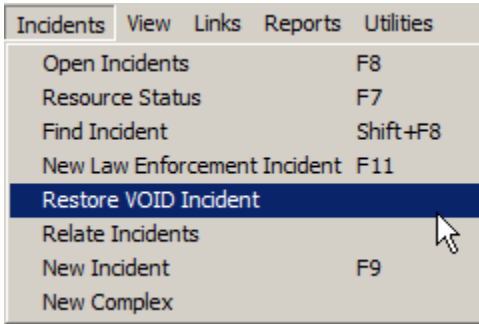
If you relate Incidents into a Complex, the Response Tab on the Primary Incident will be changed so that Related Incidents and Resources on Related Incidents are listed:

WildCAD6 – WildCAD User Guide



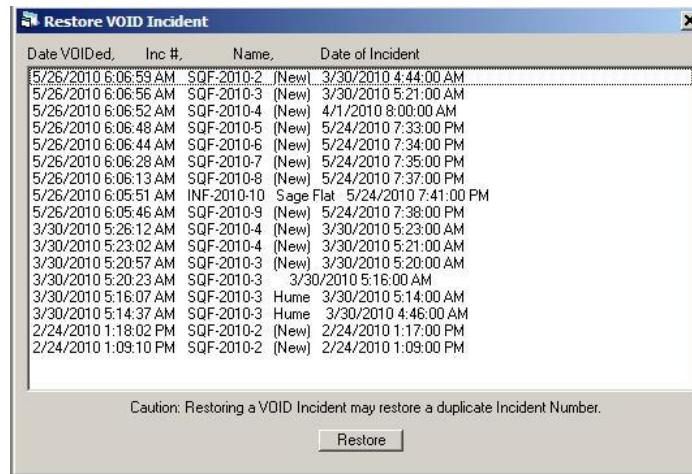
Click on any of the Related Incidents, or on a Resource on a Related Incident, and that Incident Window will open. Comments Tab has a feature for retrieving Related Incidents.

Restore VOID Incident



Incidents => Restore VOID Incident

If you accidentally VOID an Incident, you may use this screen to restore it:



Keep in mind that it is possible that this Incident's Incident Number was reused for a different Incident, so you may see duplicate Incident Numbers

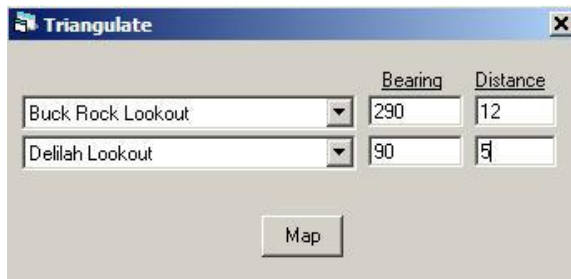
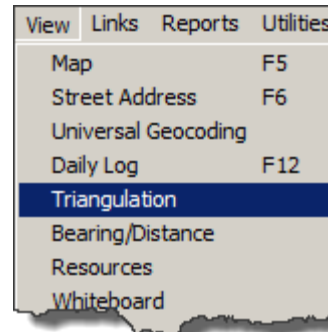
TOOLS (View Menu)

Use the View Menu to view certain screens in WildCAD.

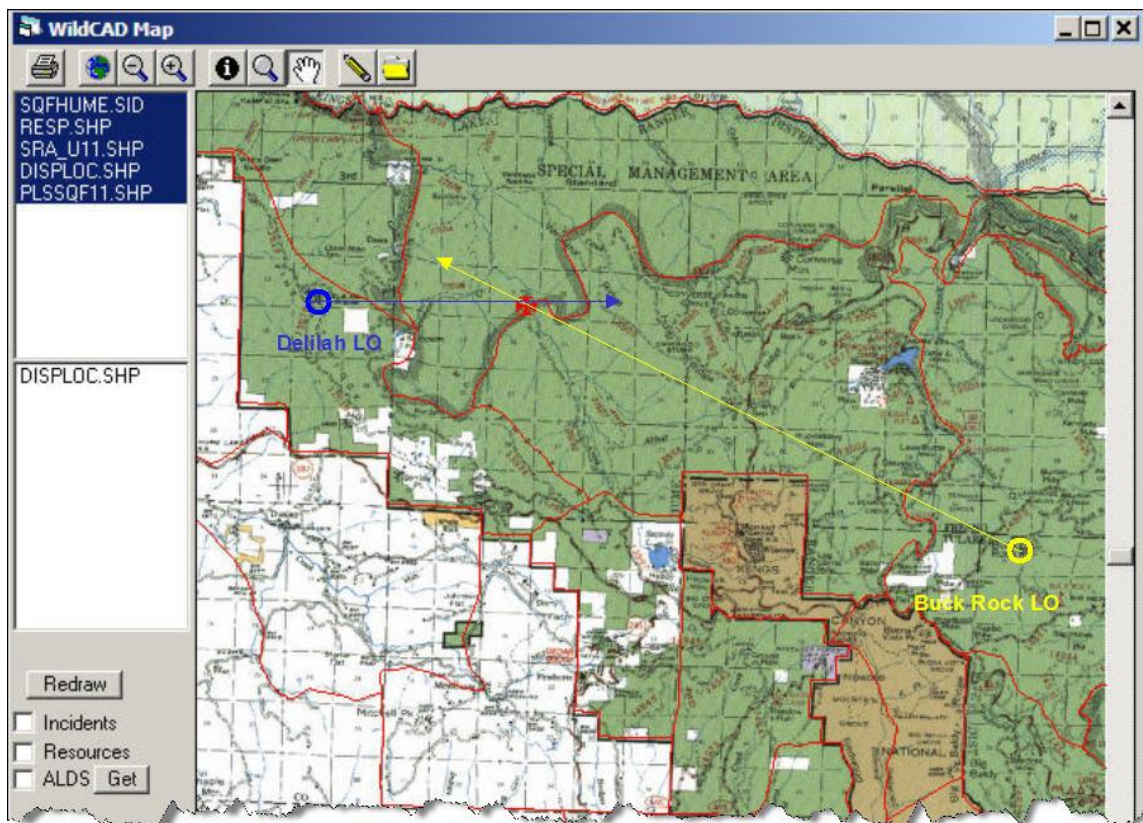
Triangulation

View => Triangulation

Use the Triangulation Menu to calculate a point when you are given one or two bearings and distances:



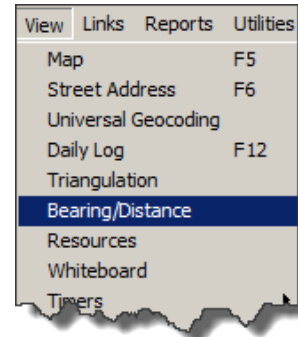
Click "Map" to go to the resulting spot on the Map.



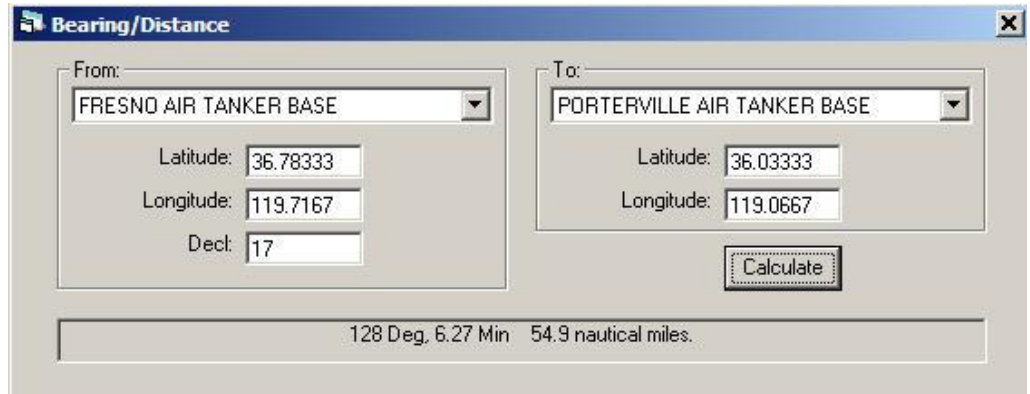
Bearing/Distance

View => Bearing/Distance

Use the Bearing/Distance menu item (F3) to calculate bearings and nautical miles from any location to any other location:



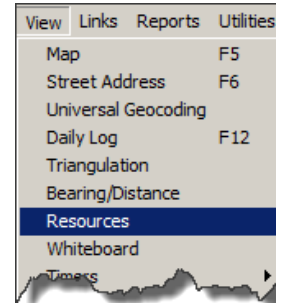
You may either enter the latitude and longitude values directly, or may select from WildCAD's built-in list. Click the "Calculate" button to perform the calculations. The result is displayed for you.



Resources

View => Resources

On this screen, you may view, but not change, information about your responding Resources.



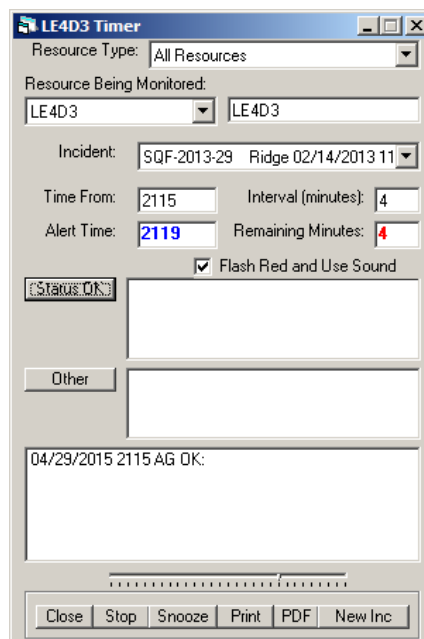
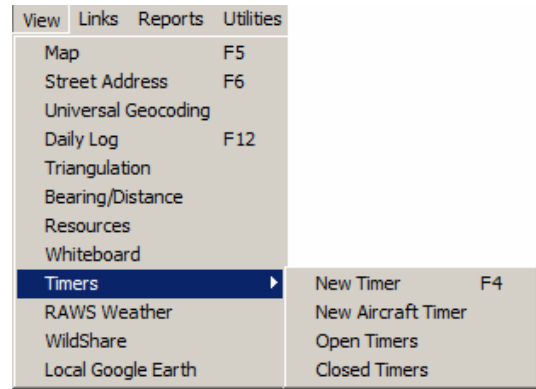
Timers

WildCAD allows the creation of “Timers” which remind you to take an action after a certain number of minutes.

From the View Menu, Timers, you may either open a new Timer (or use F4), or view a list of all Open Timers:

View => Timer => New Timer

Start a New Timer with F4 or from the menu, and you will see the Timer screen:



Select the “**Resource Being Monitored**” from the pull down, or enter one manually to the right. You **MUST** select or enter a Resource, or the Timer will not function.

You may attach this Timer to an Incident. If you do, then a red notice: “**TIMER**” will appear in the upper right of the Incident screen. You may click on it to open the Timers attached to that Incident.

Enter the “**Time From**” and “**Interval**”. The alert time will be calculated, and remaining minutes will be displayed.

The **Flash Red and Use Sound** will automatically be checked, uncheck to disable the flashing and sound.

Click “**Status OK**” to enter a normal status check. This will reset the time. Or, enter other text and click “**Other**” this will log the information but not reset the timer.

WildCAD6 – WildCAD User Guide

The “**Slider Bar**” controls how many characters are displayed per line in the log. Move the slider all the way to the right to display more characters or move to left to display fewer characters.

Use the “**Close**” button to end this Timer.

Use the “**Stop Alert**” button to stop the Alert Sound.

Use the “**Snooze**” button to put the Timer on hold.

The “**Print**” button will send the Timer to a printer and the “**PDF**” button creates a PDF document.

The “**New Inc**” button starts a new Incident tied to this timer.

View => Timer => New Aircraft Timer

Aircraft timers include additional fields, such as lat/lon, Heading, Altitude, etc.

AA15 Timer

Resource Type: All Resources

Resource Being Monitored: AA15

Incident: SQF-2013-29 Ridge 02/14/2013 11

Time From: 2113 Interval (minutes): 15

Alert Time: 2128 Remaining Minutes: 15

Flash Red and Use Sound

Status OK

Other

Lat: Lon: Hdg: Alt: Spd: Pax: Fuel:

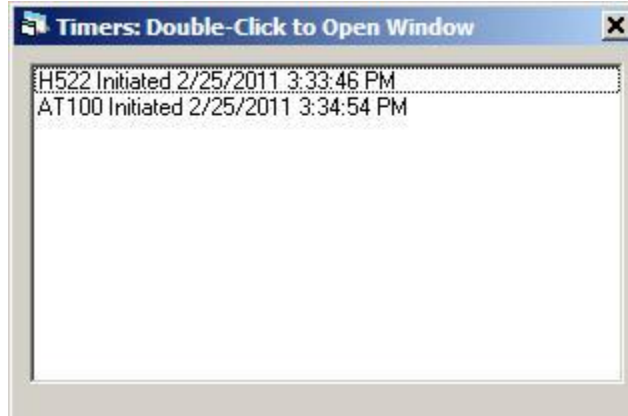
04/29/2015 2113 AG OK:

Close Stop Snooze Print PDF New Inc

WildCAD6 – WildCAD User Guide

View => Timer => Open Timers

Open Timers – presents you with a list of all pending Timers. Double click on one to open it:



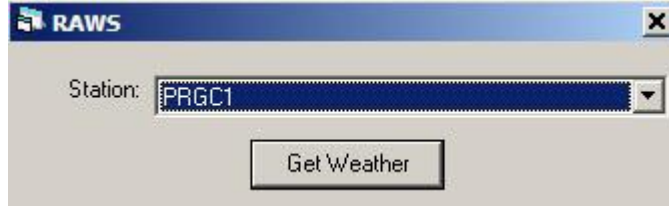
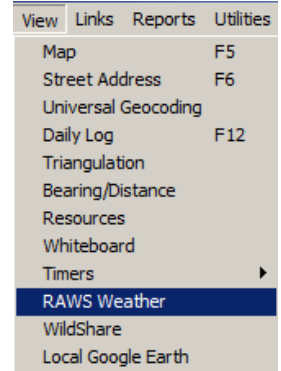
View => Timer => Closed Timers



RAWS Weather

View => RAWS Weather


Finally, from the View menu you may retrieve RAWS weather for any RAWS Station included by your System Administrator in your WildCAD database:



Select the Station and click “**Get Weather**”, and, provided you re connected to the Internet, the latest observations will appear:

SITE INFORMATION

ID: PRGC1
 NAME: PARK RIDGE
 LATITUDE: 36.7242
 LONGITUDE: -118.9425
 ELEVATION: 7540 ft
 MNET: RAWS



[\(Click for topo/terrain map\)](#)
[\(Click for satellite\)](#)

SITE LINKS

- [Help](#)
- [ROMAN](#)
- [Metric Units](#)
- [Greenwich Mean Time](#)
- [2 Week Summary](#)
- [Past Data](#)
- [Data Quality](#)
- [Station Information](#)
- [Station Status](#)
- [Restrictions](#)
- [Data in Spreadsheet Format](#)

DATA COURTESY OF
[Bureau of Land Management](#)
 and
[National Park Service](#)

Weather Conditions for PRGC1

Current time: February 25, 2011 - 15:44 PST
 Most Recent Observations at February 25, 2011 - 14:55 PST

	14:55	Max since Midnight	Min since Midnight	24 Hour Max	24 Hour Min
Temperature	24.0° F	25.0 at 11:55	22.0 at 0:55	29.0 at 15:55	22.0 at 20:55
Dew Point	23.8° F	24.8 at 11:55	21.8 at 0:55	25.9 at 15:55	16.2 at 17:55
Relative Humidity	99%	99 at 0:55	99 at 0:55	100 at 22:55	64 at 16:55
Wind Speed	7 mph from SSW	9 at 6:55	3 at 0:55	9 at 6:55	0 at 15:55
Wind Gust	14 mph	19 at 7:55	6 at 0:55	19 at 7:55	3 at 15:55
Solar Radiation	75.0 W/m ²	123.0 at 12:55	0.0 at 0:55	220.0 at 15:55	0.0 at 18:55
Fuel Temperature	-32.0° F	-32.0 at 0:55	-32.0 at 0:55	-32.0 at 15:55	-32.0 at 15:55
10 hr Fuel Moisture	28 gm	29 at 1:55	28 at 14:55	29 at 1:55	27 at 15:55
Battery voltage	13.30 volt	13.60 at 11:55	12.50 at 4:55	14.60 at 15:55	12.50 at 4:55

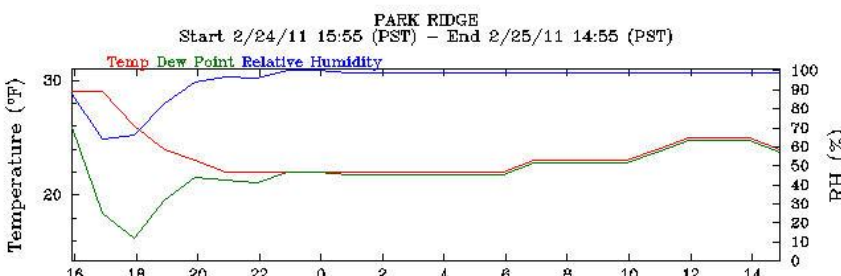
Precipitation accumulated since midnight: 0.00", in 24 hours: 0.00"

Tabular Listing: February 24, 2011 - 14:44 through February 25, 2011 - 15:44 PST

Time(PST)	Temperature	Dew	Relative	Wind	Wind	Wind	Quality	Solar	Precipitation	Fuel	10 hr Fuel	Battery
	° F	° F	%	Speed	Gust	Direction	check	Radiation	accumulated	Temperature	Moisture	voltage
	° F	° F	%	mph	mph			W/m ²	in	° F	gm	volt
14:55	24.0	23.8	99	7	14	SSW	OK	75.0	17.77	-32.0	28	13.30
13:55	25.0	24.8	99	6	13	SSW	OK	89.0	17.77	-32.0	28	13.40
12:55	25.0	24.8	99	7	18	SSW	OK	123.0	17.77	-32.0	28	13.50
11:55	25.0	24.8	99	7	19	SSW	OK	122.0	17.77	-32.0	29	13.60
10:55	24.0	23.8	99	7	17	SSW	OK	76.0	17.77	-32.0	28	13.10

Select Previous Periods: [12 Hours](#) [24 Hours](#) [2 Days](#) [5 Days](#) [7 Days](#) [10 Days](#) [30 Days](#)

[Hodograph](#)

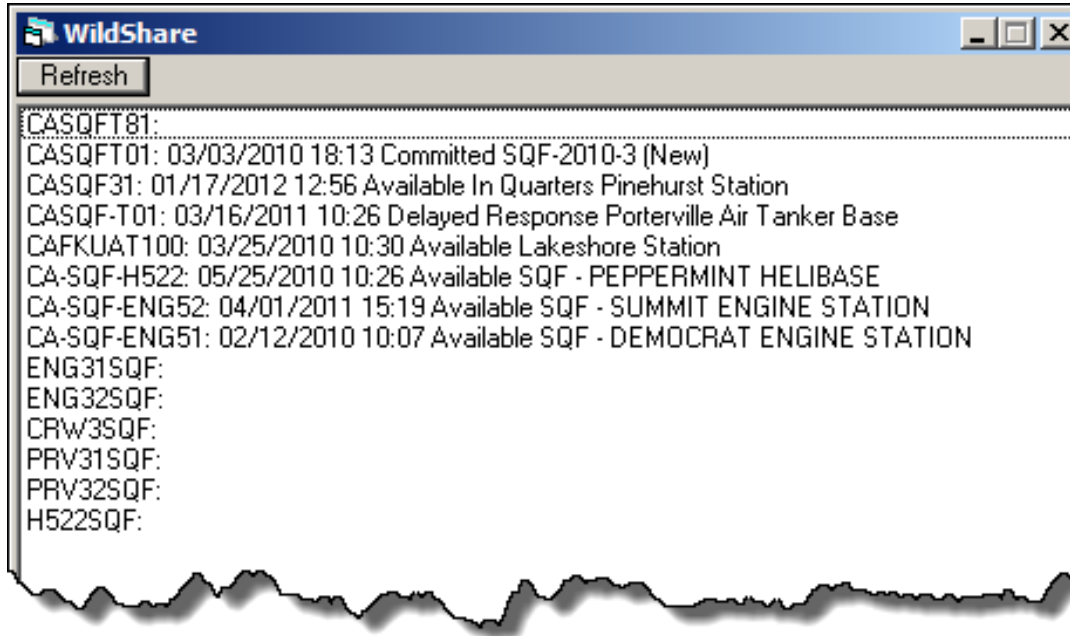
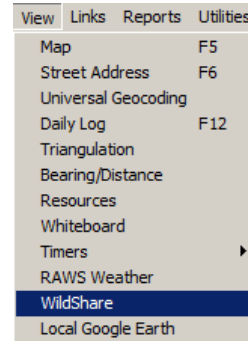


The chart shows three data series: Temperature (red line), Dew Point (green line), and Relative Humidity (blue line). The x-axis represents time from 16:00 on 2/24 to 14:00 on 2/25. The left y-axis is Temperature in °F (0-30), and the right y-axis is Relative Humidity in % (0-100). Temperature starts at ~24°F, peaks at ~25°F, and ends at ~24°F. Dew point starts at ~23.8°F and remains relatively stable. Relative humidity starts at ~99% and stays near 100%.

WildShare

View => WildShare

View the status of Resources from other WildCAD Centers who are sharing their information with you

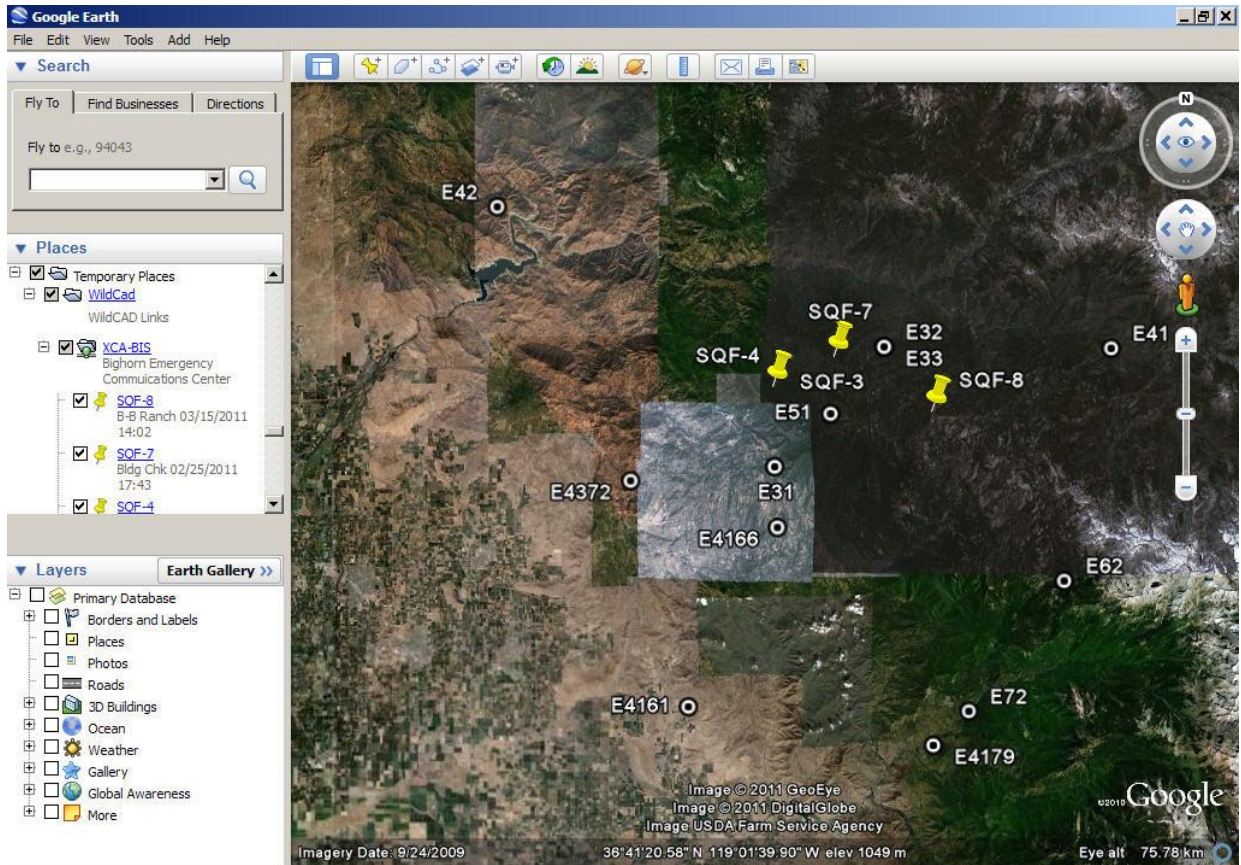


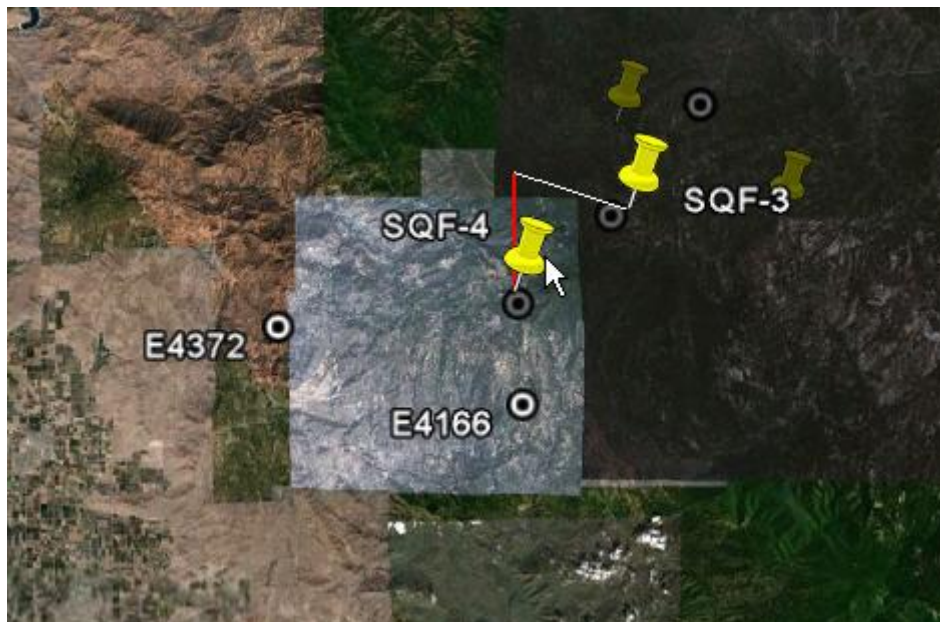
View	Links	Reports	Utilities
Map			F5
Street Address			F6
Universal Geocoding			
Daily Log			F12
Triangulation			
Bearing/Distance			
Resources			
Whiteboard			
Timers			
RAWS Weather			
WildShare			
Local Google Earth			

Local Google Earth

View => Local Google Earth

View your Incidents and Resources selected by the System Administrator in Google Earth. This will update every minute.





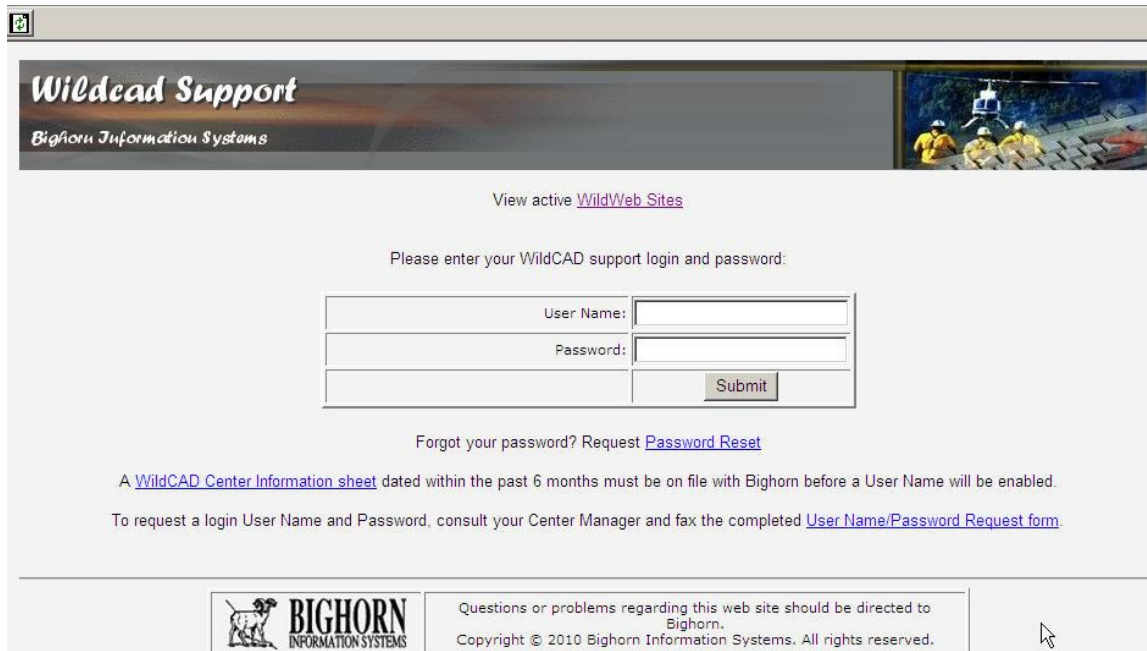
Links

Web Sites

Links => Web Sites (Then select the web site posted by the System Administrator)



The Links Menu will only appear if your System Administrator has created a list of web pages for use by Dispatchers. If the menu is shown, merely select any one of the listed sites.



Right-click on the display to pop up a menu that allows you to perform tasks such as going Back, Forward, Printing, etc.

Documents

Links => Documents (Then select the document posted by the System Administrator)



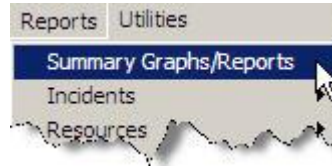
If your System Administrator has established a list in WildCAD, you can open one or more documents from this menu. Examples might include User Guides or word processing templates

REPORTS

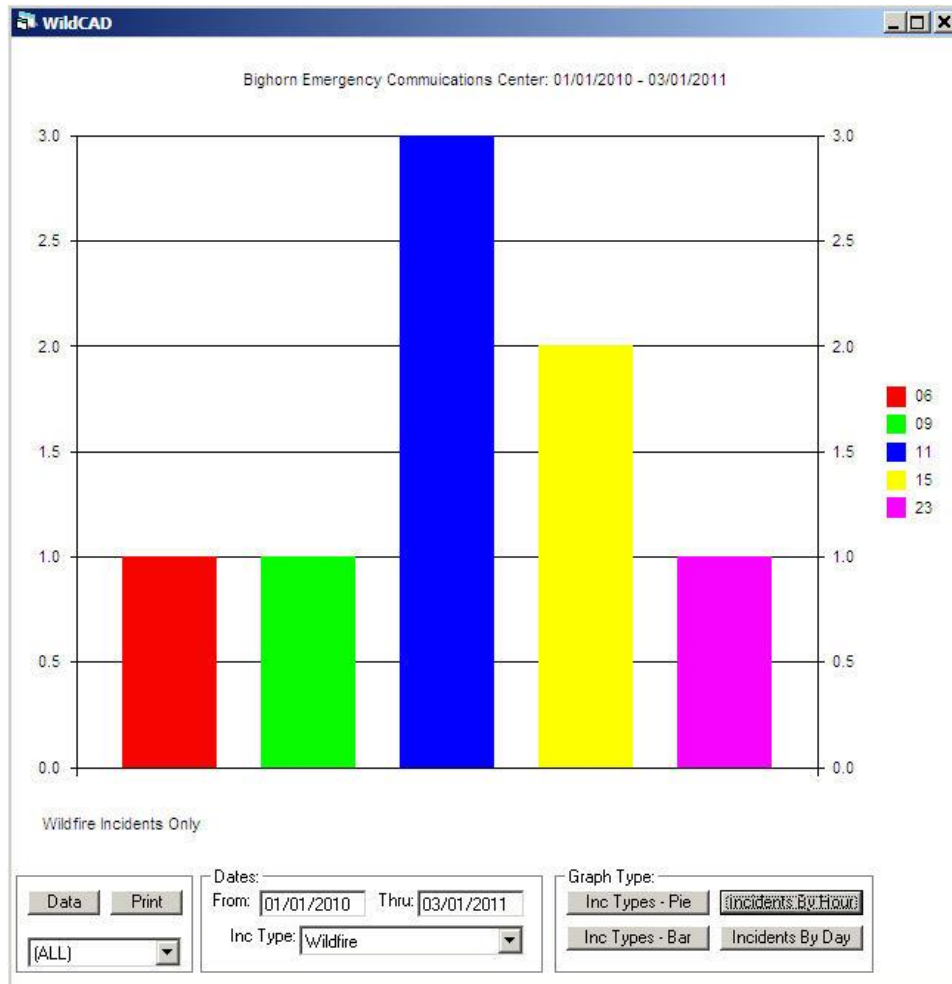
View and print a variety of reports from the Reports Menu. A few sample reports are displayed below:

Summary Graphs/Reports

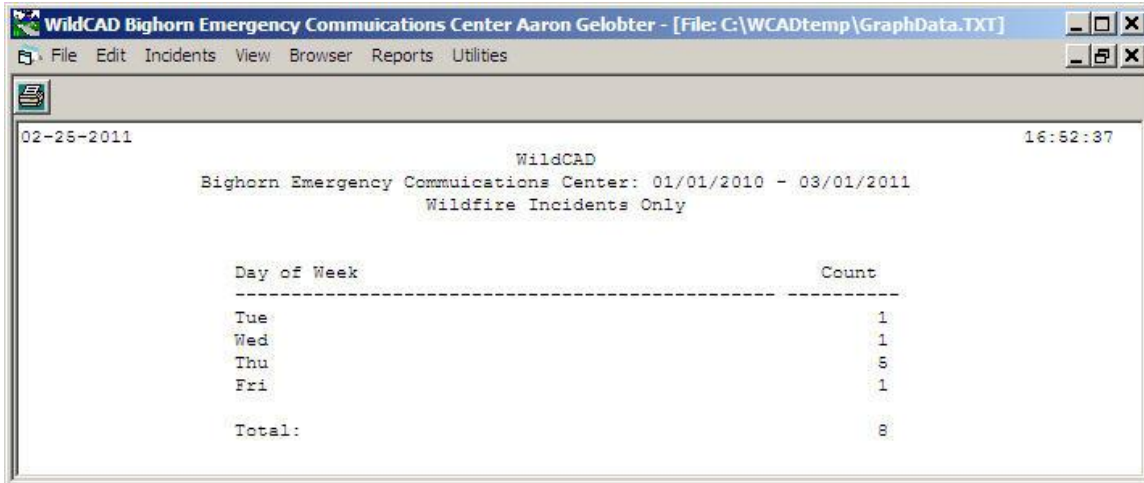
Reports => Summary Graphs/Reports



View incidents by type, hour, and day of the week on this form.



Click the "Data" button to view the underlying data:



The "Print" button will send the graph to your WildCAD reports printer.

Incidents

A variety of reports concerning Incidents in WildCAD is available here:

Open Incidents

Reports => Incidents => Open Incidents



The Open Incidents report shows all incidents whose status is "Open":

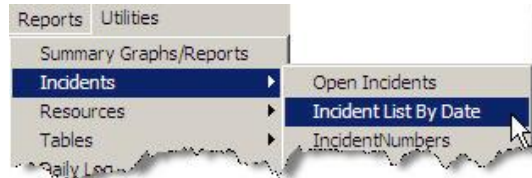


This creates a report in HTML format that utilizes the toolbar functions of your browser to Copy, Print, Save, etc.

Incident List By Date

Reports => Incidents => Incident List By Date

You provide a date range, and WildCAD will list your Incidents.

A dialog box titled 'Incident Dates'. It contains two text input fields: 'FROM Date:' with the value '1/1/2010' and 'THROUGH Date:' with the value '4/30/2011'. At the bottom of the dialog are 'OK' and 'Cancel' buttons.A screenshot of an Internet Explorer browser window displaying a web page titled 'WildCAD Incidents 01/01/2010 - 04/30/2011 11:59:59 PM'. The page content includes the title 'Bighorn Emergency Communications Center' and a table of incident data.

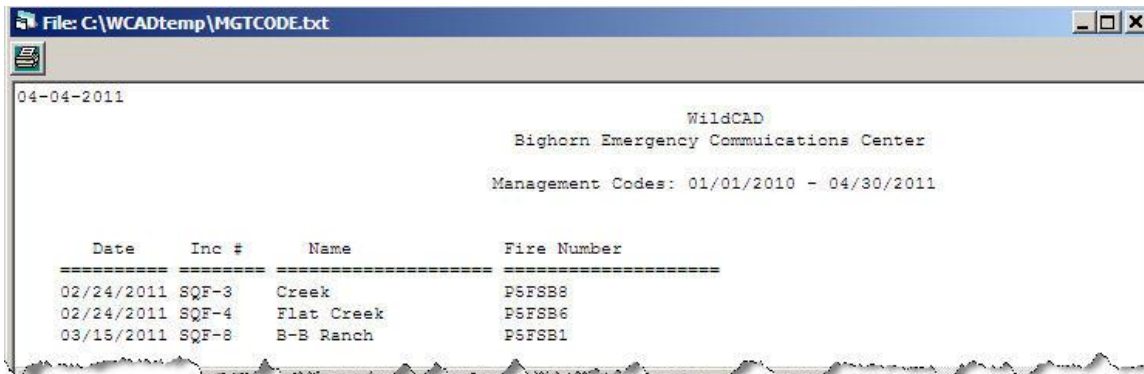
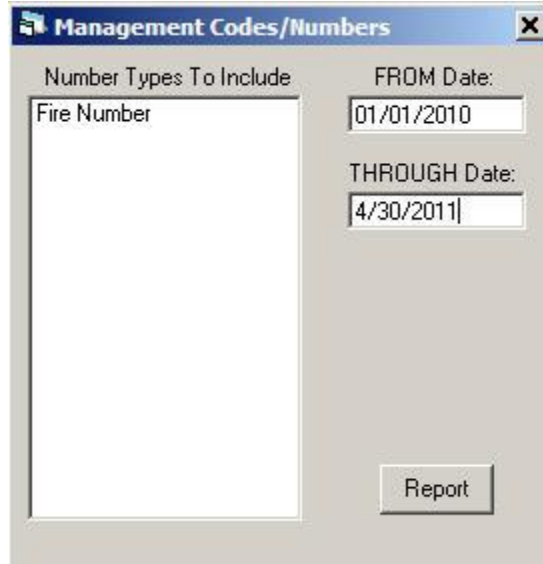
Incident #	Date	Name	Area	Disp	Type	SubType
SQF-2010-1	2/18/2010 3:58:00 PM	Pinehurst	Z2	AG	Wildfire	
SQF-2010-1	3/24/2010 11:35:00 AM (New)			AG	Law Enf	
INF-2010-10	5/26/2010 6:08:00 AM	Sage		AG	Wildfire	
SQF-2010-11	6/1/2010 11:13:00 PM	Test	18	AG	Wildfire	
SQF-2010-12	6/24/2010 9:30:00 AM	Grove	Z2	AG	Wildfire	
SQF-2011-2	2/24/2011 11:23:00 AM (New)			AG	Wildfire	
SQF-2011-3	2/24/2011 11:25:00 AM	Creek	18	AG	Wildfire	
SQF-2011-4	2/24/2011 11:26:00 AM	Flat Creek	18	AG	Wildfire	

Incident Numbers

Reports => Incidents => Incident Numbers

For a specified date range, you will receive a list of assigned Fire Numbers.

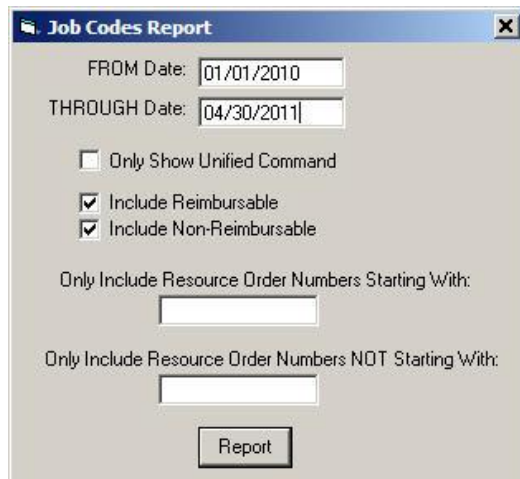
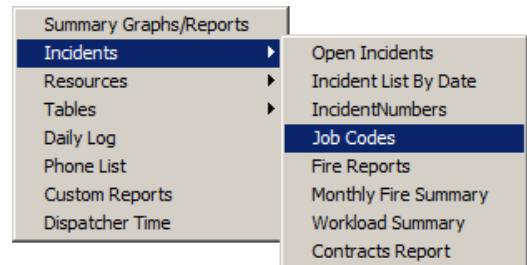




Job Codes

Reports => Incidents => Job Codes

For a specified date range, you will receive a list of assigned Job Codes.



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04-04-2011

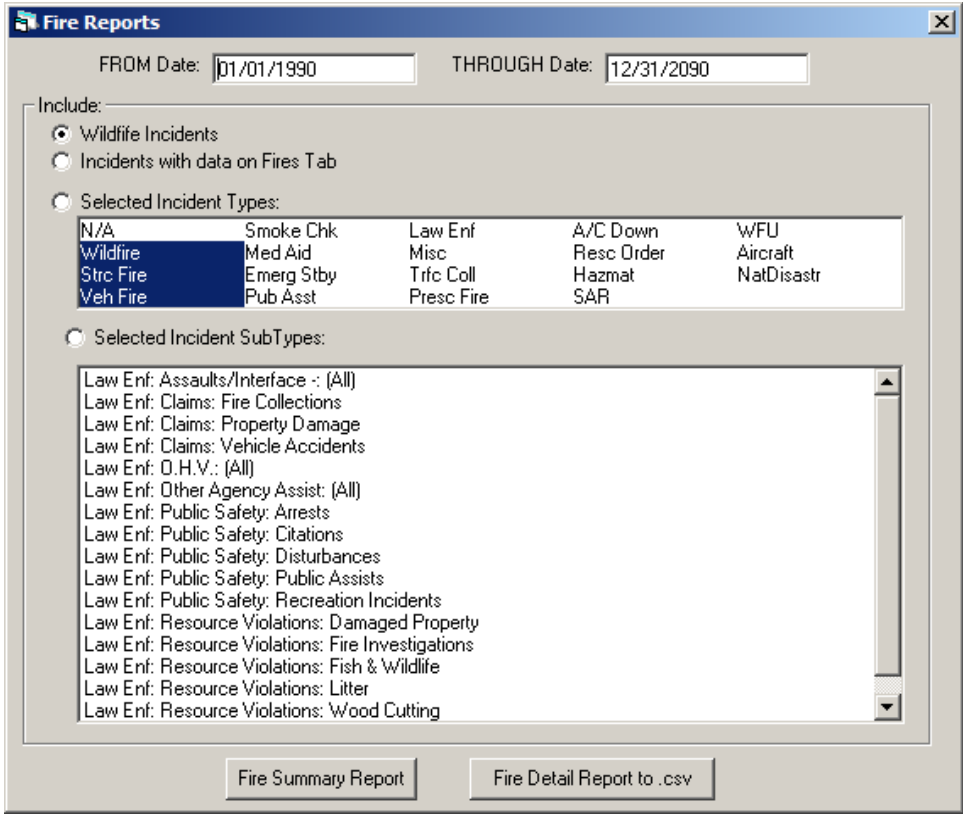
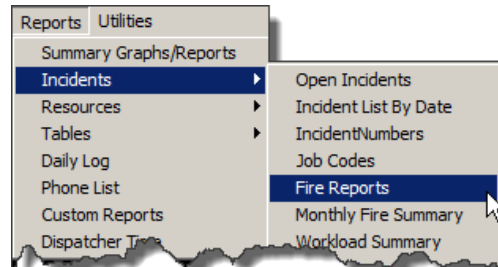
WildCAD
Bighorn Emergency Communications Center
Job Codes: 01/01/2010 - 04/30/2011

Date	Inc #	Name	Unified Command	Reimbursable	Resource Order Number	Job Code(s)
02/18/2010	SQF-1	Pinehurst	Yes	No		PTEST1 0513
05/26/2010	INF-10	Sage	No	No		PTEST1
06/01/2010	SQF-11	Test	No	No		PTEST1
06/24/2010	SQF-12	Grove	No	No		PTEST1
02/24/2011	SQF-4	Flat Creek	No	No		PSFSB8
03/15/2011	SQF-8	B-B Ranch	No	No		PSFSB1 0513

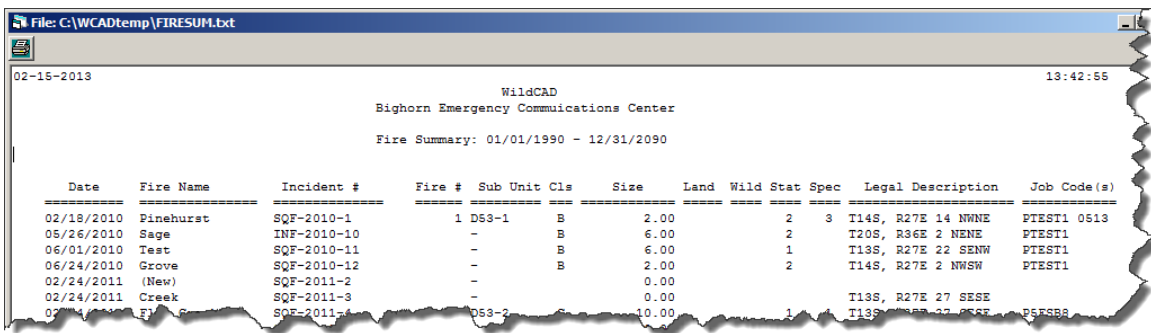
Fire Reports

Reports => Incidents => Fire Reports

Enter a **“FROM date”** and **“THROUGH date”**, and the set of Incidents you want included.



The **“Fire Summary Report”** prepares a text file report of selected Incidents.

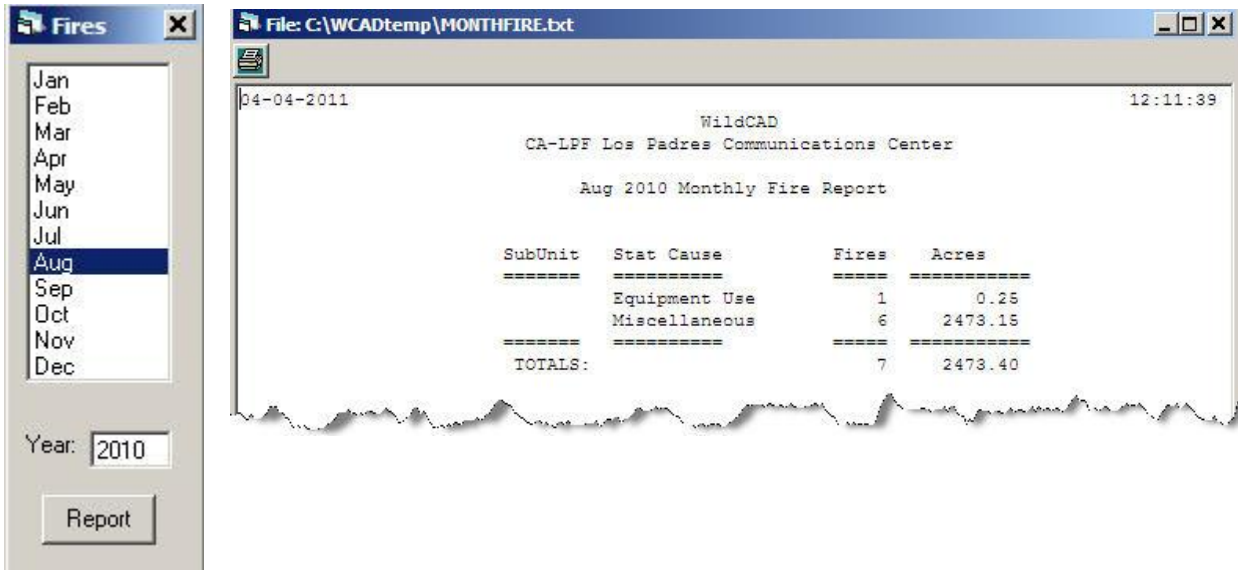
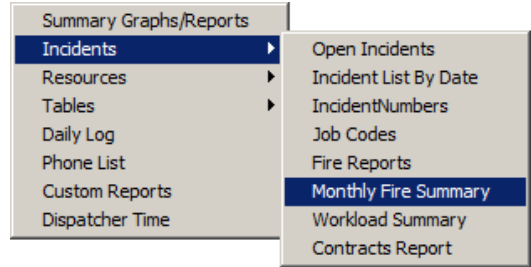


The **“Fire Detail Report to .csv”** exports fire details to a spreadsheet file.

Monthly Fire Summary

Reports => Incidents => Monthly Fire Summary

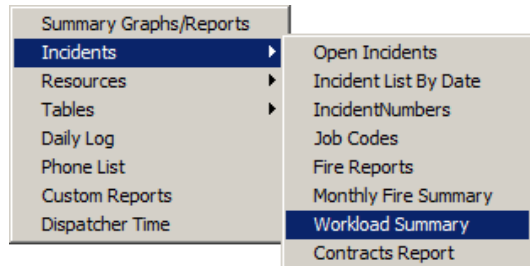
This report lists information about your fire activity during a specified month and year.



Workload Summary

Reports => Incidents => Workload Summary

Collects and displays information about Incidents and dispatcher time per Agency:



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File: C:\WCADtemp\Workload.txt

04-04-2011 12:22:31

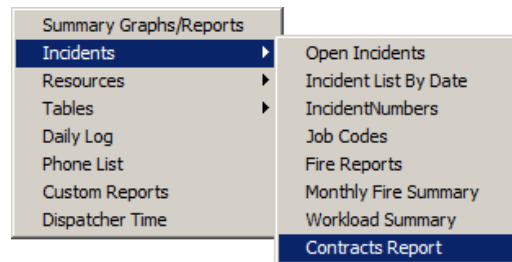
WildCAD
Bighorn Emergency Communications Center
Workload Report 01/01/2010 - 04/30/2011
Times Are Totals From Incident Open Through Close

Agency	Incident Type	Sub-Type	Incidents	Minutes	= Hours
INF	Wildfire	N/A	1	393,777	6,563
INF Subtotals:			1	393,777	6,563
SQF		N/A	6		
		N/A	10	1,268,793	21,147
	Law Enf	N/A	2		
		N/A	4	484,170	8,070
SQF Subtotals:			22	1,752,963	29,216
Report Totals:			23	2,146,740	35,779

Contracts Report

Reports => Incidents => Contracts Report

Shows history of EERA/Contract activities:



Contract History Report

Contractor: (All)

From Date: [] Thru: []

Disposition: (All)

Order Number: []

File: C:\WCADtemp\Contracts.TXT

04-04-2011 12:31:27

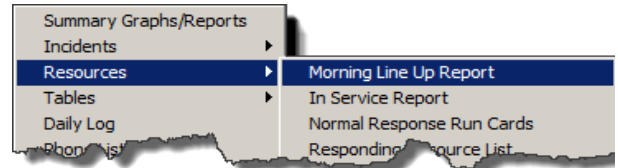
WildCAD
Contract History

Date	D	Name	Equipment	OrderNum
10/12/2009	F			ca-lpf-263
10/12/2009	D			ca-lpf-263
10/22/2009	U	A&G Pumping Inc. (1)	Potable WT T2	LPF1738
10/22/2009	F	A1 Water (3)	Potable WT T2	LPF1738
10/22/2009	D	Bowne Water (7)	Potable WT T2	LPF1738

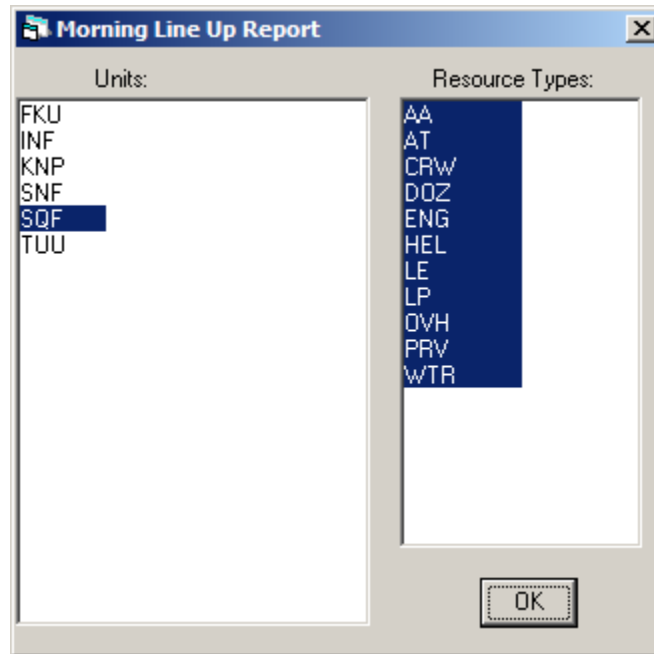
Resources

Morning Line Up Report

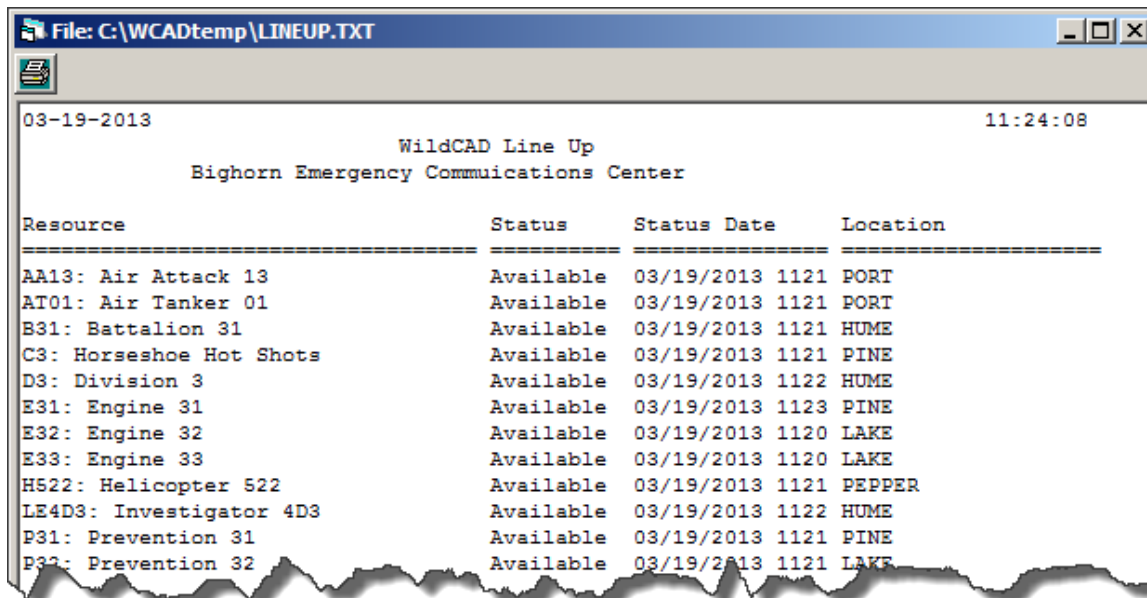
Reports => Resources => Morning Line Up Report



This report shows the current status of each selected Resource:

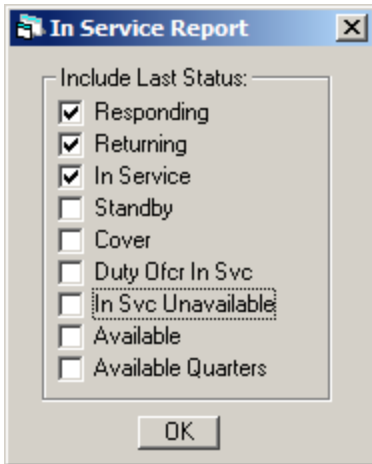


Click on “OK” to view the report.

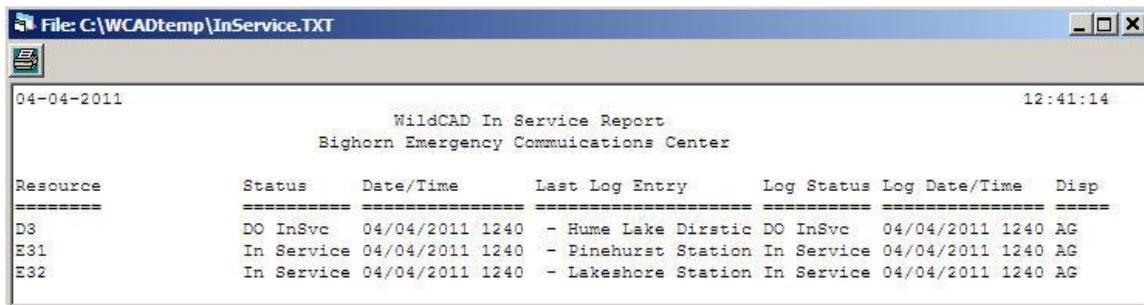


In Service Report

Reports => Resources => In Service Report

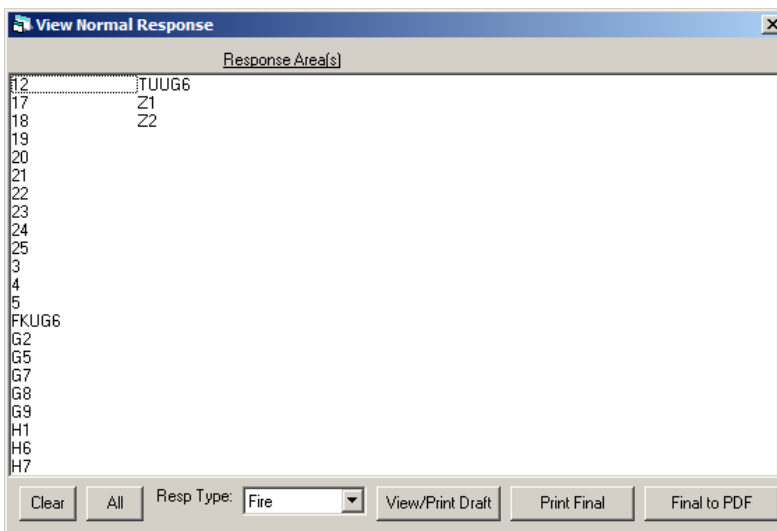
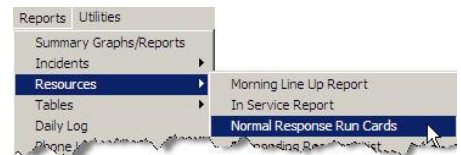


This report shows resources still in the field, and is intended to help you at the end of the day:



Normal Response Run Cards

Reports => Resources => Normal Response Run Cards

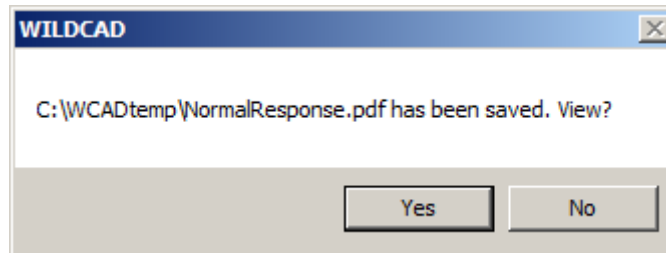
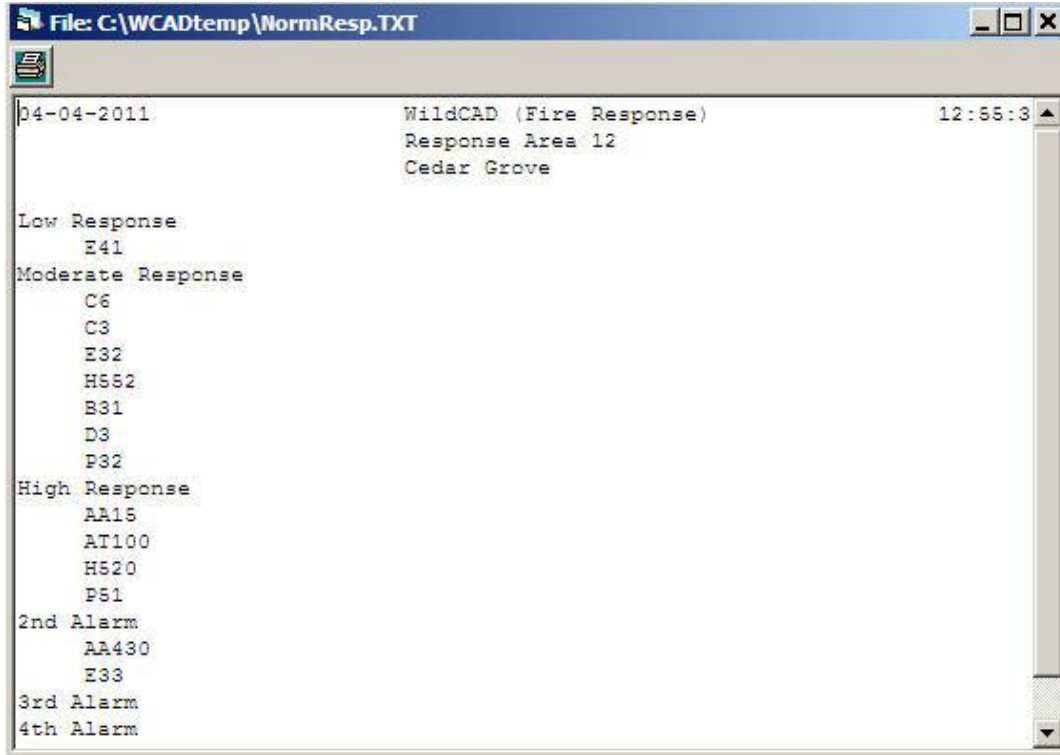


You may print (normal response) run cards:

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Select one or more areas, the incident type, and draft or final (text files) or send the “Final to PDF” file.

Example of Final (text file):



Example of “Final to PDF” file.

WildCAD Run Card

Bighorn Emergency Communications Center (Fire Response)

Area 12 (Cedar Grove)

Low Response

Engine (1): E41

Moderate Response

Engine (1): E32
Crew (2): C6, C3
Helicopter (1): H552
Prevention (1): P32
Overhead (2): B31, D3

High Response

Helicopter (1): H520
Air Tanker (1): AT01
Air Attack (1): AA13
Prevention (1): P51
Move Up E31 to FRESNO

2nd Alarm

Engine (1): E33
Air Attack (1): AA410

3rd Alarm

4th Alarm

Note: KNP DPA

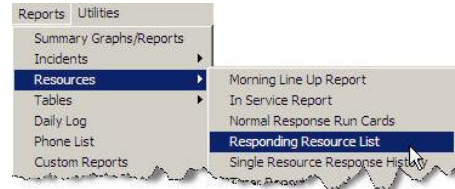
- Mineshaft hazards
- Notify Aircraft of Powerline
- 2nd Alarm Move-up an Engine
- 2nd Alarm Move-up an Engine

Prepared 03-19-2013 11:29:33

Responding Resource List

Reports => Resources => Responding Resource List

This report shows all of the Resources in your WildCAD database:

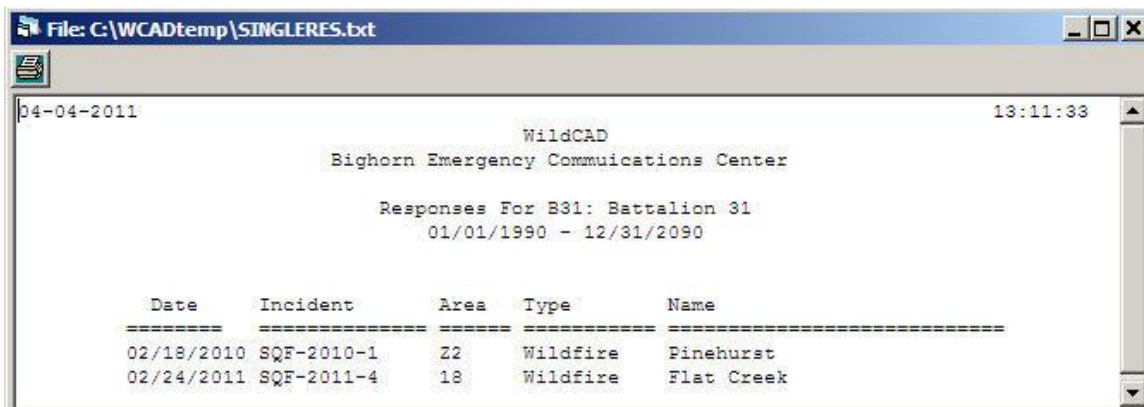
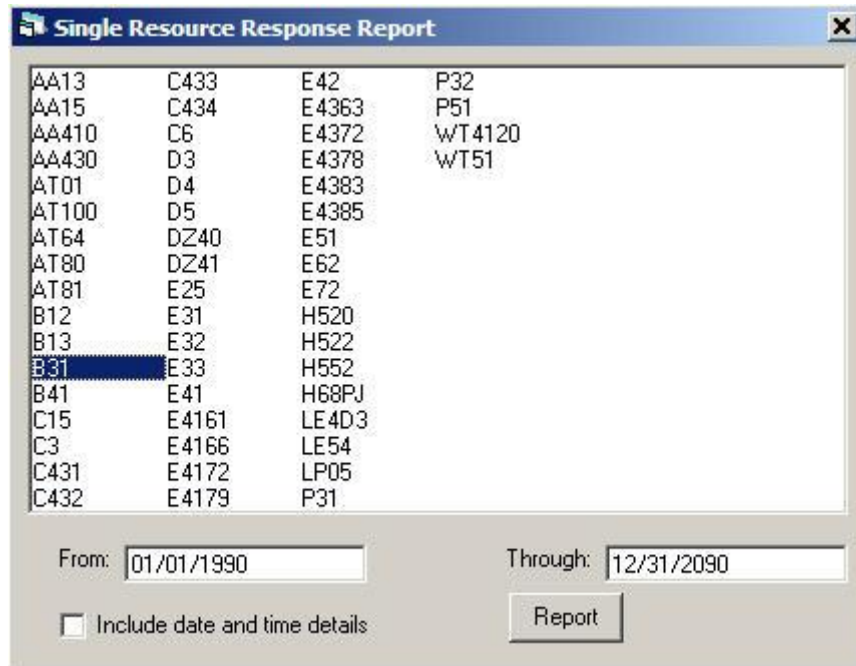
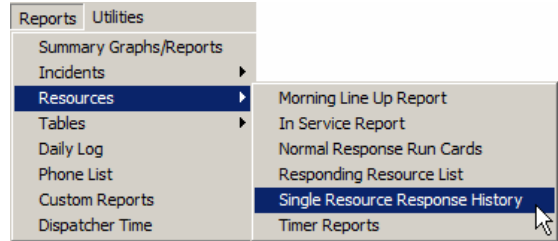
A screenshot of an Internet Explorer browser window. The address bar shows the file path 'C:\WCADtemp\Resources.html'. The page content displays the title 'WildCAD Resources' and 'Bighorn Emergency Communications Center'. Below the title is a table with columns: Code, Resource, Type, Location, Line Up, Grp, and Foreign. The table lists various resources such as Helicopter - Type 1, Air Attack units, Air Tankers, and Battalions with their respective codes and details.

Code	Resource	Type	Location	Line Up	Grp	Foreign
68PJ	Helicopter - Type 1	HEL	FRESNO	FKU		True
AA13	Air Attack 13	AA	PORT	SQF		False
AA15	Air Attack 15	AA	LAKE	SNF		False
AA410	Air Attack 410	AA	PORT	TUU		False
AA430	Air Attack 430	AA	FRESNO	FKU		False
AT01	Air Tanker 01	AT	PORT	SQF		False
AT100	Air Tanker 100	AT	LAKE	FKU		False
AT64	Air Tanker 64	AT	LAKE	SNF		False
AT80	Air Tanker 80	AT	PORT	TUU		False
AT81	Air Tanker 81	AT	PORT	TUU		False
B12	Battalion 4112	OVH	HAM	TUU		False
B13	Battalion 4313	OVH	SQUAW	FKU		False
B31	Battalion 31	OVH	LAKE	SQF		False
1			TRIM			False

Single Resource Response History

Reports => Resources => Single Resource Response History

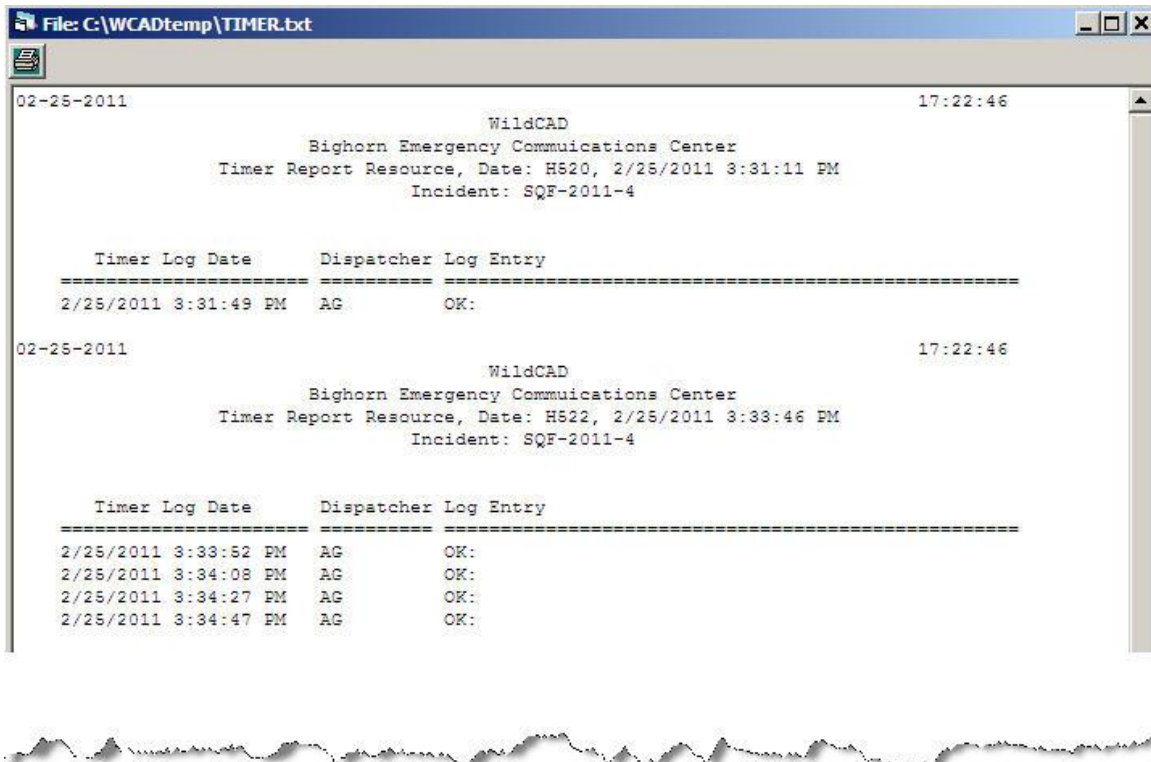
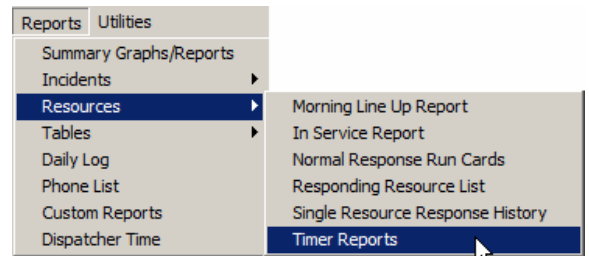
Select a Resource and a date range, and this report shows all of the responses made by that Resource.



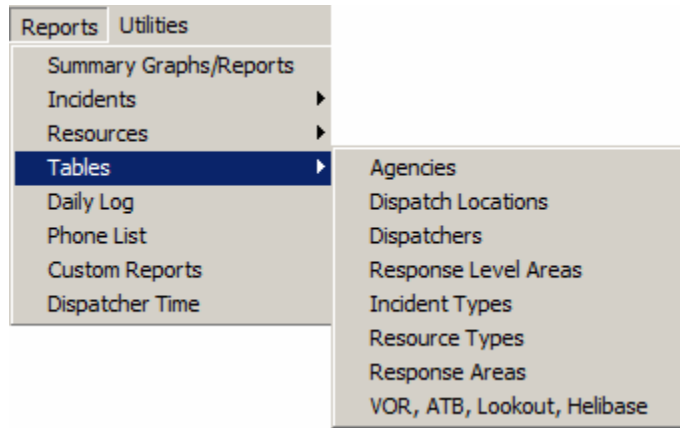
Timer Reports

Reports => Resources => Timer Report

View a list of Timers and statuses:

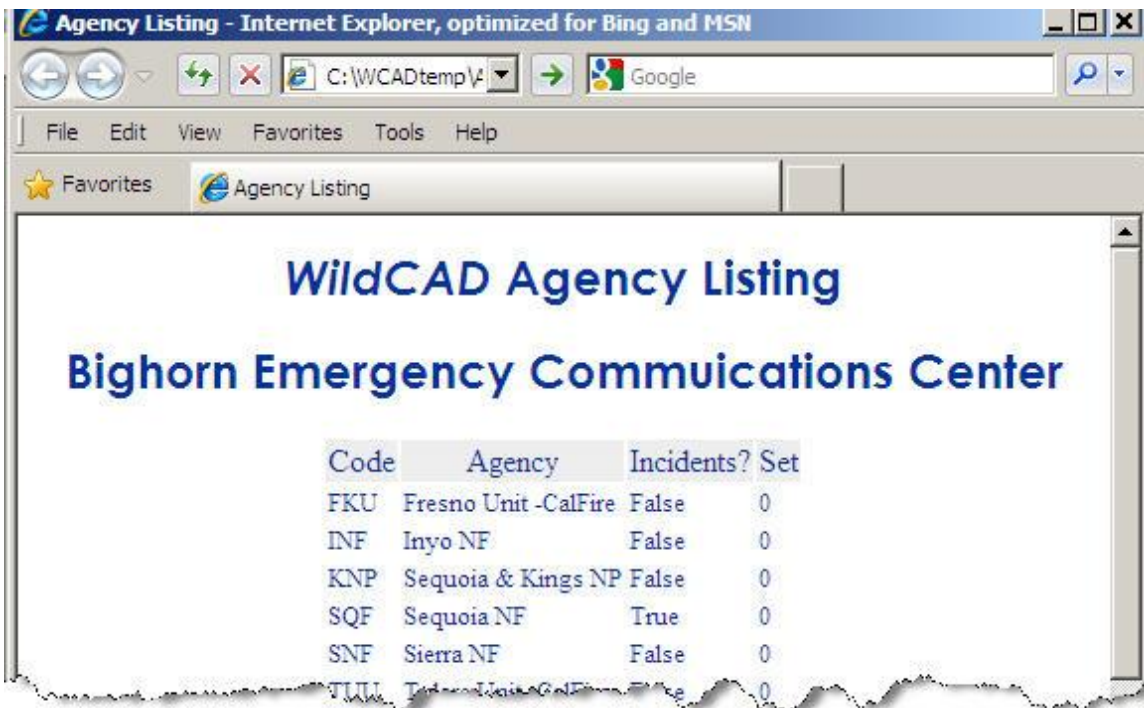


Tables



The "Tables" reports list information you setup as you built your WildCAD database. Included reports are:

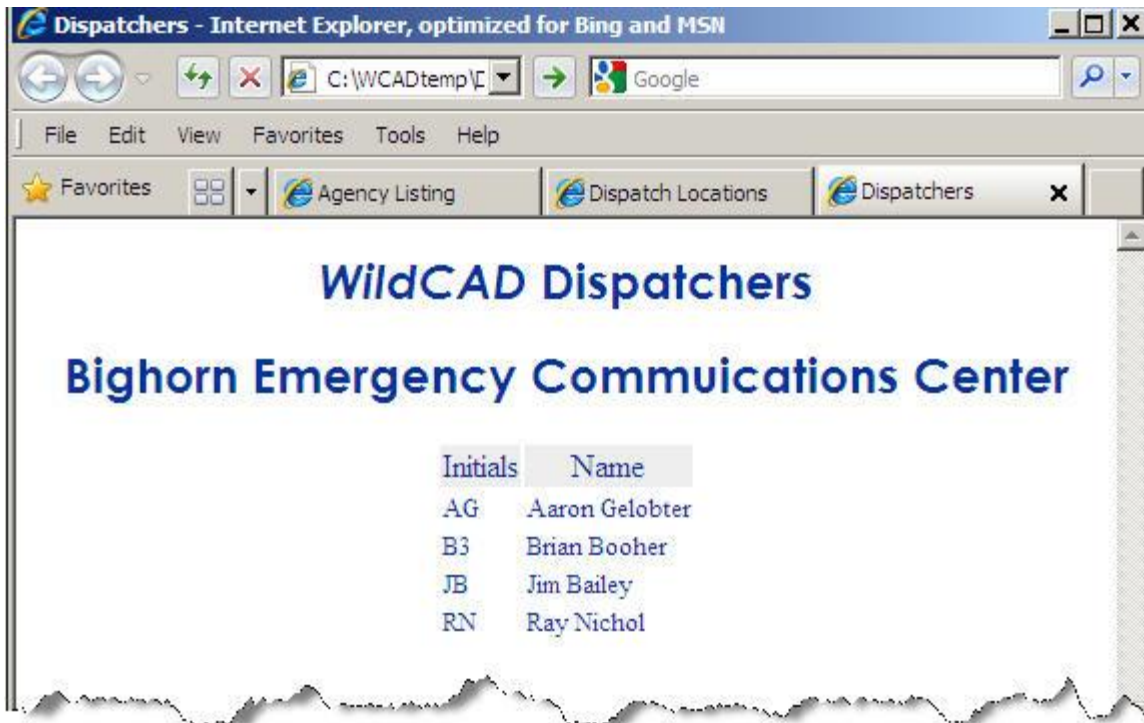
Agencies



Dispatch Locations



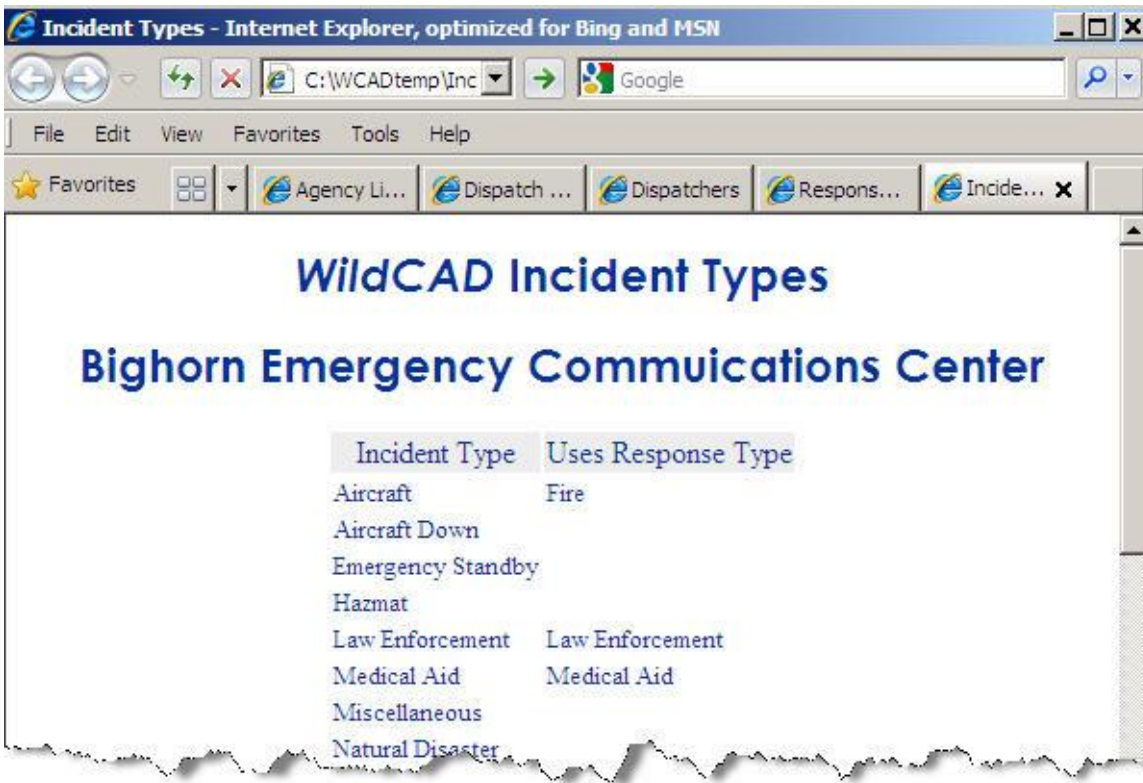
Dispatchers



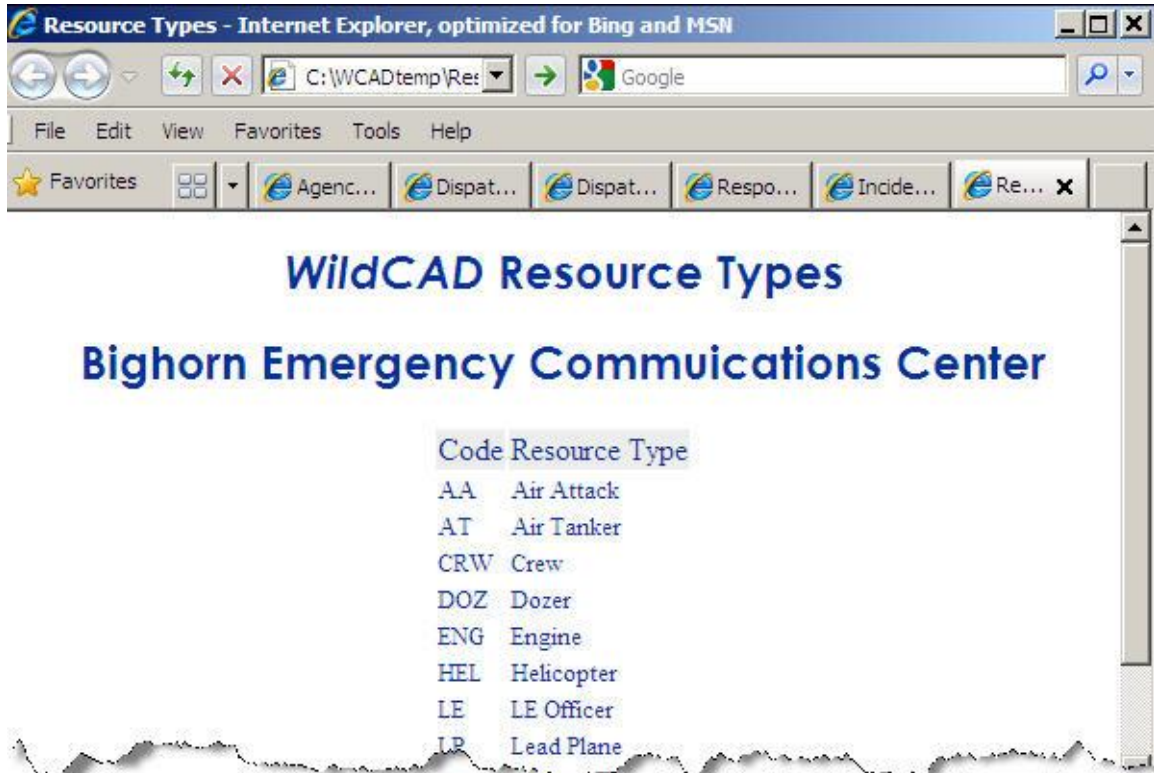
Response Level Areas



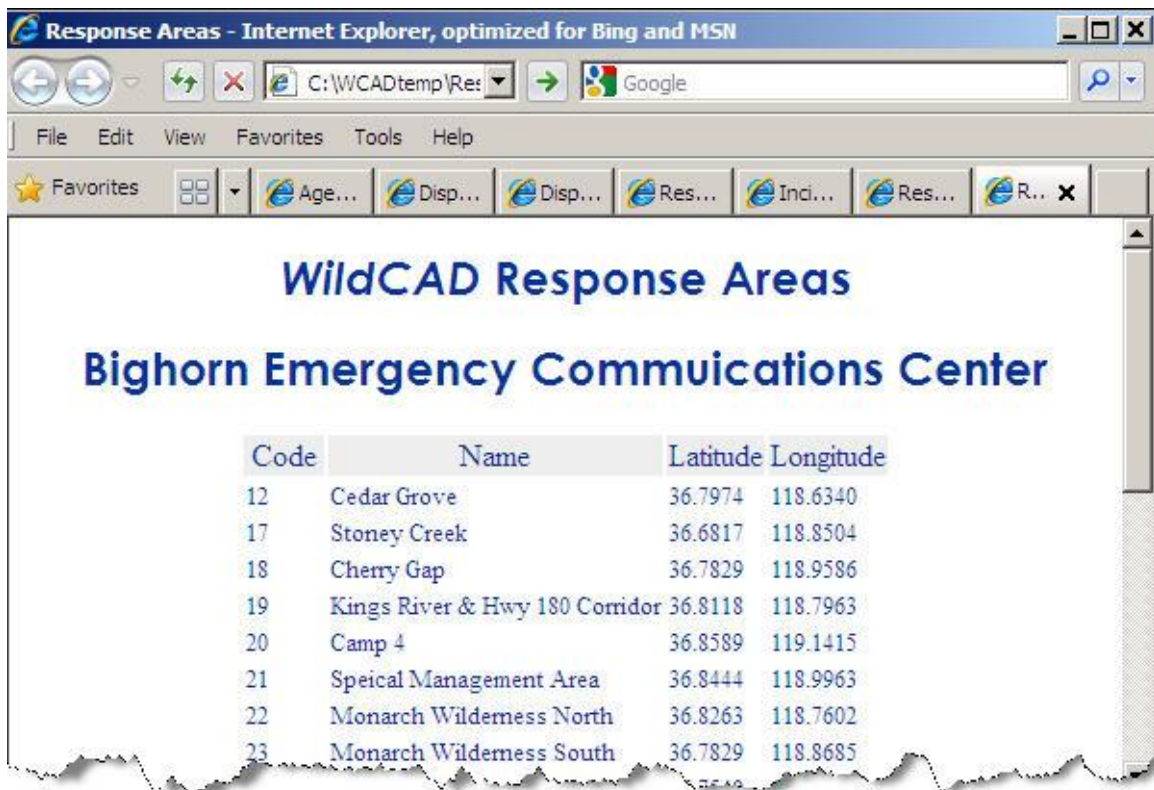
Incident Types



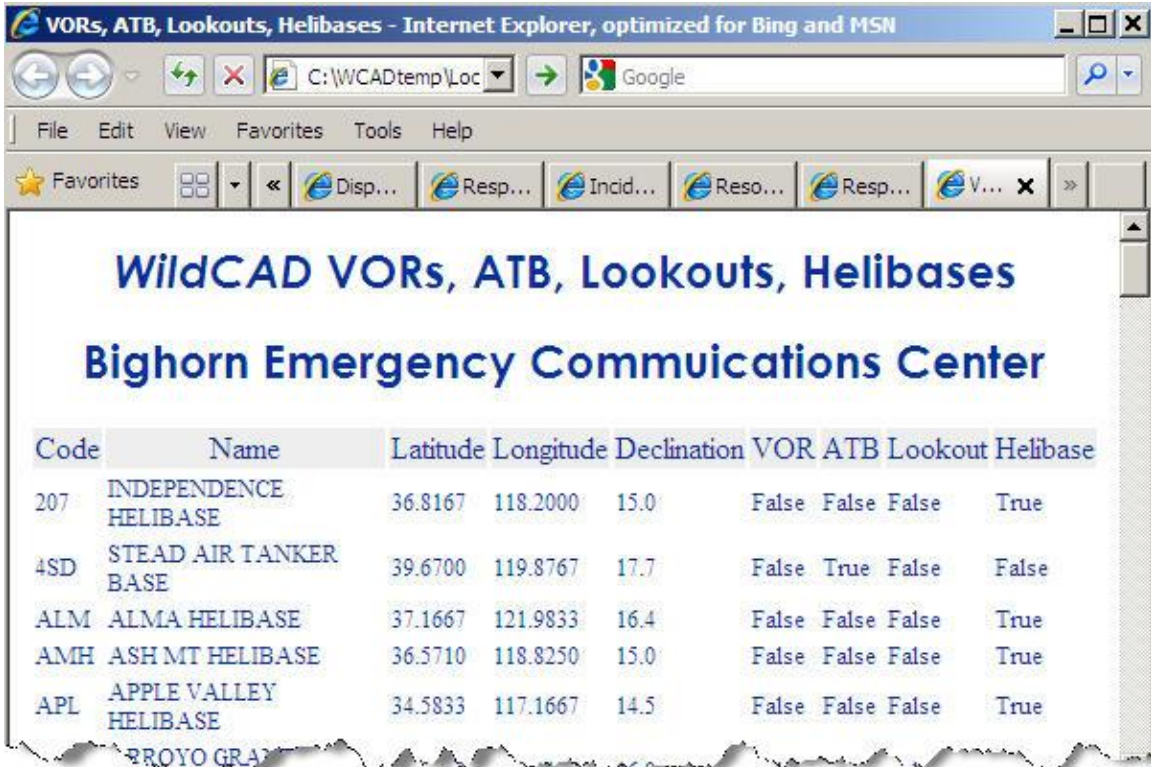
Resource Types



Response Areas



VOR, ATB, Lookout, Helibase



WildCAD VORs, ATB, Lookouts, Helibases
Bighorn Emergency Communications Center

Code	Name	Latitude	Longitude	Declination	VOR	ATB	Lookout	Helibase
207	INDEPENDENCE HELIBASE	36.8167	118.2000	15.0	False	False	False	True
4SD	STEAD AIR TANKER BASE	39.6700	119.8767	17.7	False	True	False	False
ALM	ALMA HELIBASE	37.1667	121.9833	16.4	False	False	False	True
AMH	ASH MT HELIBASE	36.5710	118.8250	15.0	False	False	False	True
APL	APPLE VALLEY HELIBASE	34.5833	117.1667	14.5	False	False	False	True
	PROYO GRAY							

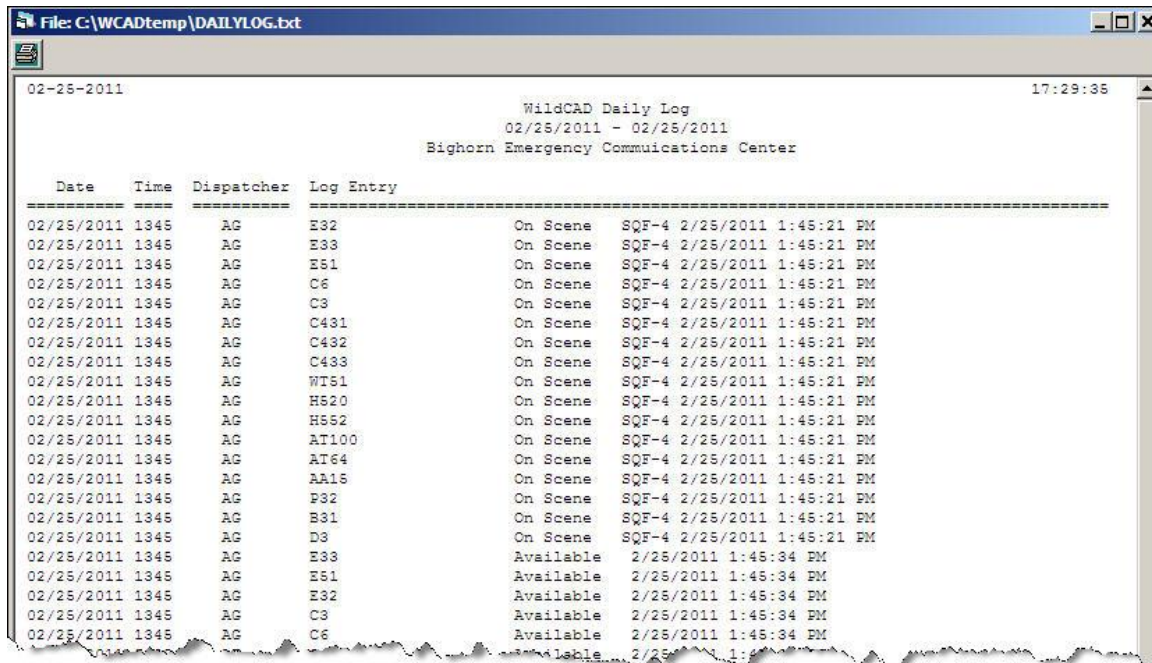
Daily Log Report

Reports => Daily Log

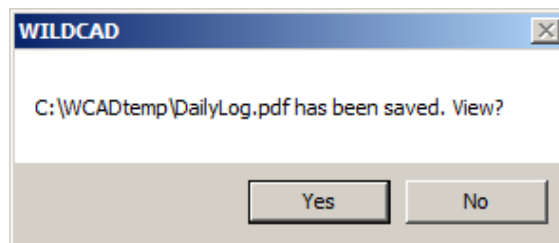
Select the date and information you want to see:



Click "Print" to view the report:



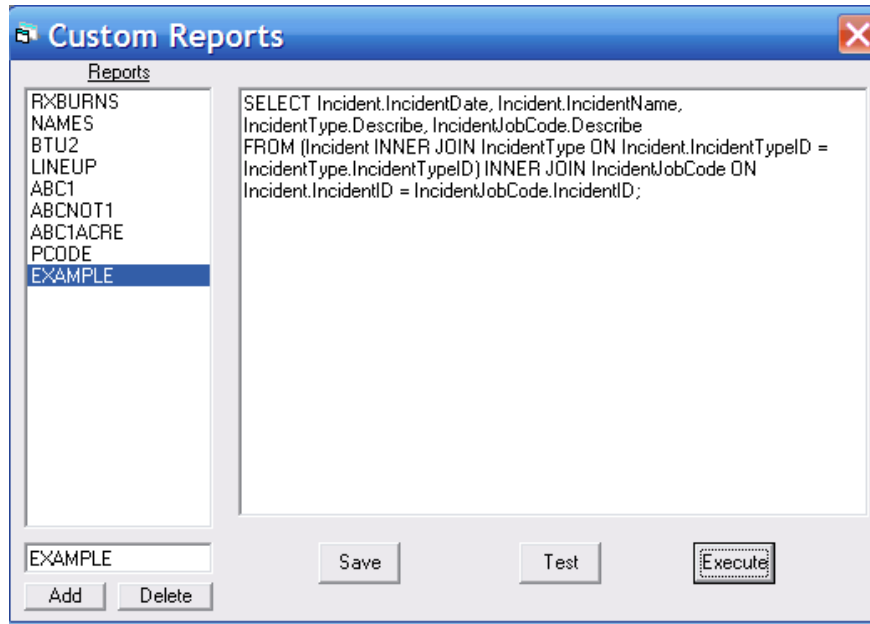
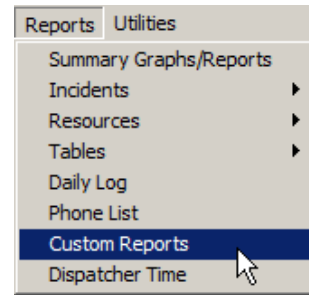
Click "PDF" to save the report as PDF file.



Custom Reports

Reports => Custom Reports

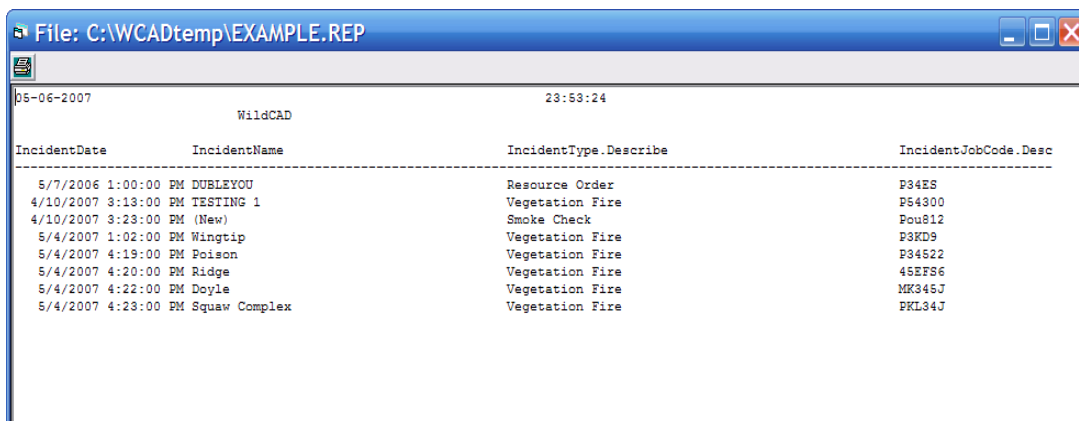
Users familiar with SQL to build their own queries, save them, and execute them:



The steps involved are:

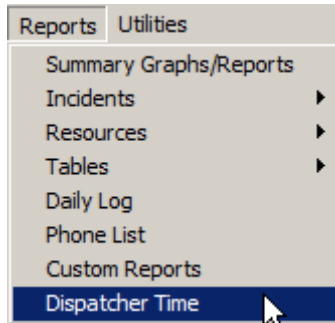
1. Enter a report format name (brief, one word) above the “**Add**” button.
2. Click the Add button to add this new name to the list.
3. Select the name from the list under “**Reports**”.
4. Enter your SQL text in the large box.
5. Click “**Test**” to see if your SQL code is legitimate.
6. Click “**Save**” to save your report instructions.
7. Click “**Execute**” to prepare the report.

The results of the above query are shown:



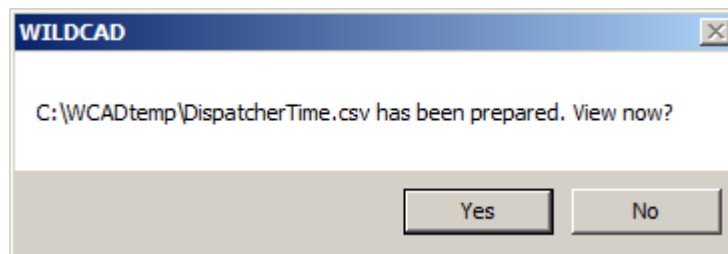
Dispatch Time

Reports => Dispatcher Time

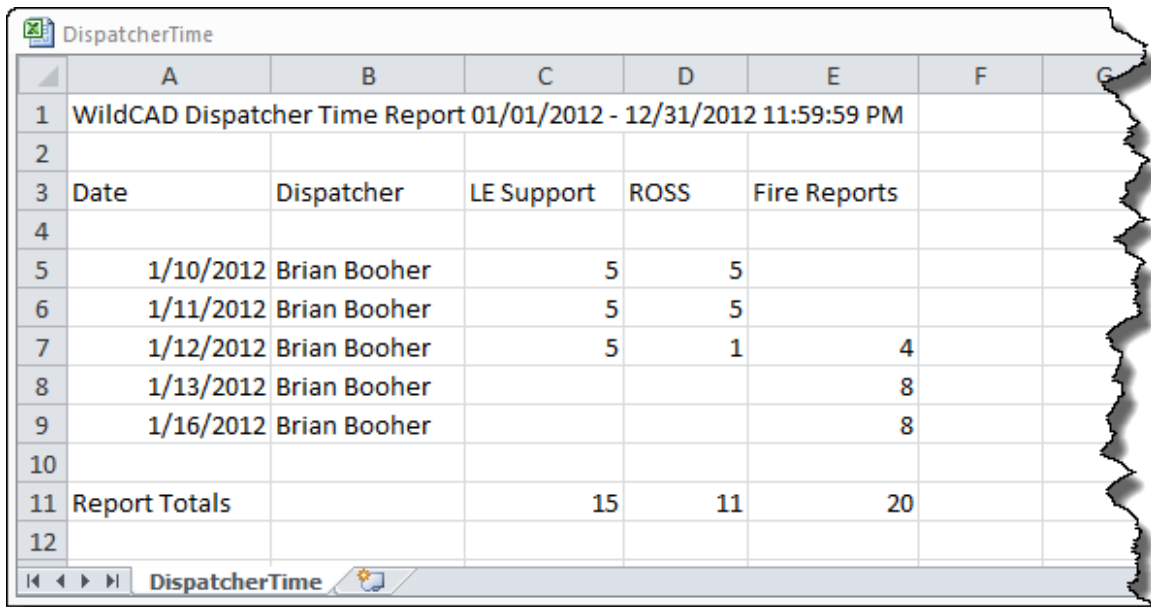


View reports of Dispatcher Time by entering a “**FROM date**” and “**THROUGH date**” range.

Select one of the four report formats. “**Detail**” shows every day for every Dispatcher. The “**Summary**” reports group either by day or by dispatcher.



WildCAD6 – WildCAD User Guide



	A	B	C	D	E	F	G
1	WildCAD Dispatcher Time Report 01/01/2012 - 12/31/2012 11:59:59 PM						
2							
3	Date	Dispatcher	LE Support	ROSS	Fire Reports		
4							
5	1/10/2012	Brian Booher	5	5			
6	1/11/2012	Brian Booher	5	5			
7	1/12/2012	Brian Booher	5	1	4		
8	1/13/2012	Brian Booher			8		
9	1/16/2012	Brian Booher			8		
10							
11	Report Totals		15	11	20		
12							

Navigation icons: Home, Left Arrow, Right Arrow, End, Refresh, Print, Save, Undo, Redo, Find, Help, Close.

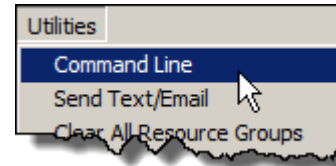
UTILITIES

The Utilities menu allows you to view certain information about the internal workings of WildCAD and perform other functions:

Command Line

Utilities => Command Line

Select this item and the optional Law Enforcement Command Line Interface will appear at the bottom of your WildCAD screen:



From the pull-down, you may select:

- TS** – Traffic Stop
- WC** – Weapons Check
- PC** – Pedestrian Check
- SV** – Suspicious Vehicle
- BC** – Building Check
- * **AU** – Add Unit
- * **EC** – Enter Comment

Then, to the right, type in the Unit to be committed and click Enter.

WildCAD will initiate a new Incident (for the first 5 actions listed), and commit the Resource to that Incident.

The final two (*) actions require that the Command Line have an “**Active Incident**”, to which it can Add a Unit (Resource) or Enter a Comment.

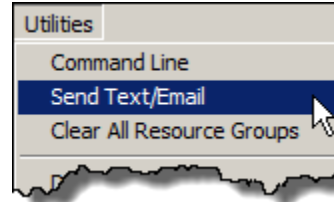
To designate the “**Active Incident**”, click on it on the F8 Open Incidents Screen. It will then appear at the bottom:



Send Text/Email

Utilities => Send Text/Email

If your System Administrator has established your system to send Text/Email, you may use this item to enter a text message or email and have it sent from WildCAD:

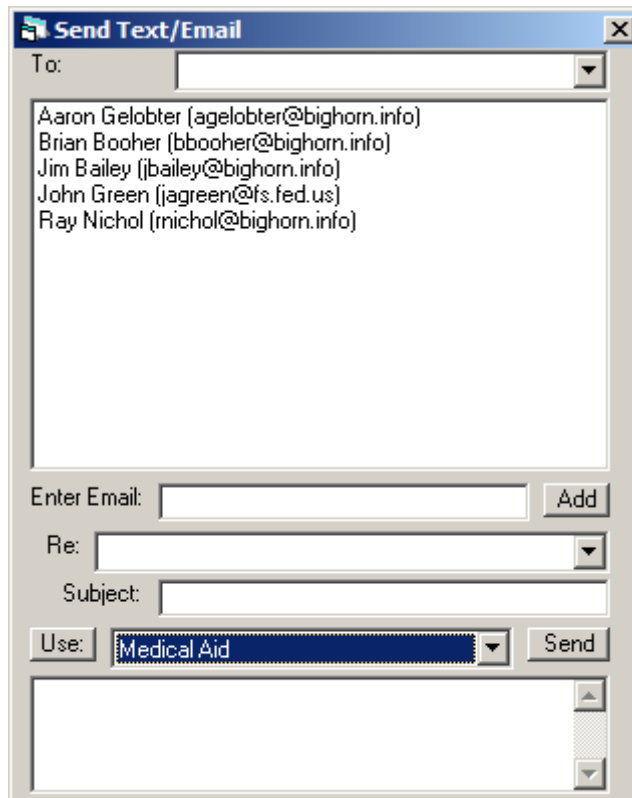


Select the person or a Group of names after the word “**To**”, or type an email after “**Enter Email**”. If this message is regarding an Incident, select that Incident from the list after “**Re**”.

Tip: Use Ctrl-Enter to insert New Lines in your outgoing message for better readability.

Enter the Message itself, and click “**Send**”.

The information will be shown on the Daily Log, or on the Incident Log if this is regarding an Incident.



If you use the pull down to the right of “**Use**” and select a preset, and then click “**Use**”, a new screen will popup showing a preplanned message with blanks to be filled in:

The screenshot shows a dialog box titled "Use Preset Message: Medical Aid". It contains a table with the following data:

Patient -	Joe Smith
Sex -	M
Age -	55
Injury -	Broken Bone
At -	Rt. Arm
Transported to -	Hospital
Via -	Ground

Buttons for "Save/Use" and "Cancel" are located at the top right of the dialog.

Fill in the blanks, click “**Save/Use**”, and the resulting message subject and body will be filled in:

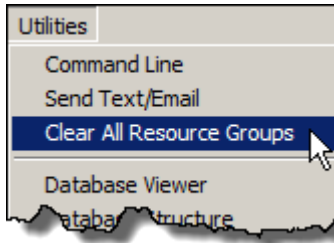
The screenshot shows a "Send Text/Email" dialog box. The "To:" field is set to "Bighorn Team". A list of email addresses is shown below:

- Aaron Gelobter (agelobter@bighorn.info)
- Brian Booher (bbooher@bighorn.info)
- Jim Bailey (jbailey@bighorn.info)
- John Green (jagreen@fs.fed.us)
- Ray Nichol (nichol@bighorn.info)

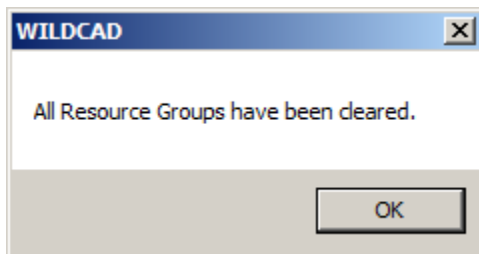
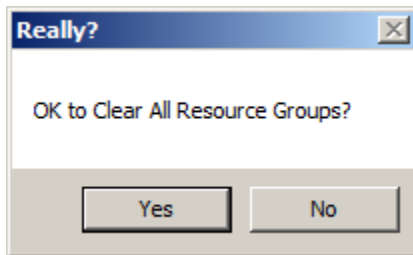
Below the list are fields for "Enter Email:", "Re:", and "Subject: Medical Aid". A "Use:" dropdown menu is also set to "Medical Aid". The "Send" button is visible. The message body at the bottom contains the text: "Patient - Joe Smith Sex - M Age - 55 Injury - Broken Bone At - Rt. Arm Transported to - VA Hospital Via - Ground".

Clear All Resource Groups

Utilities => Clear All Resource Groups



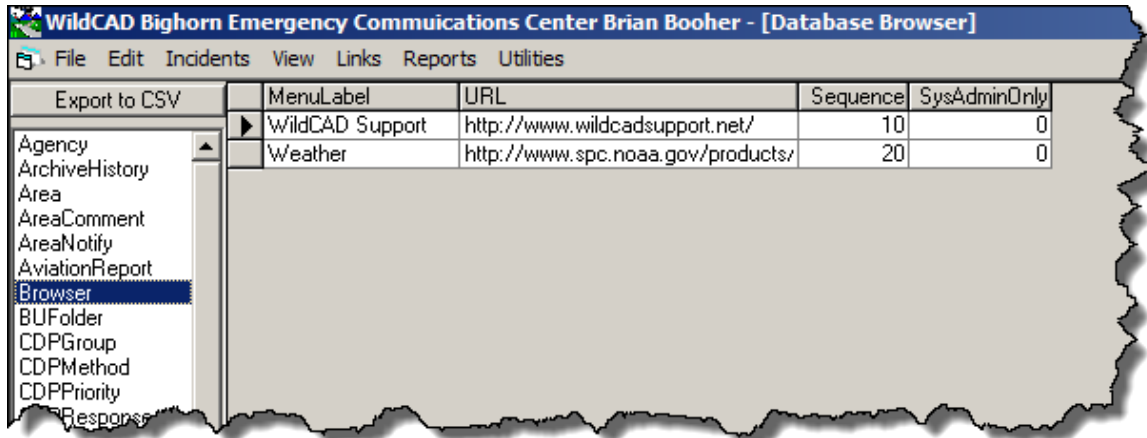
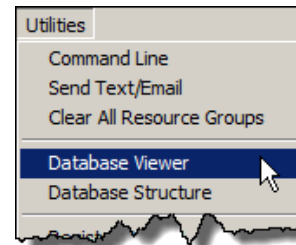
Use this menu item to clear (get rid of) all Resource Groups.



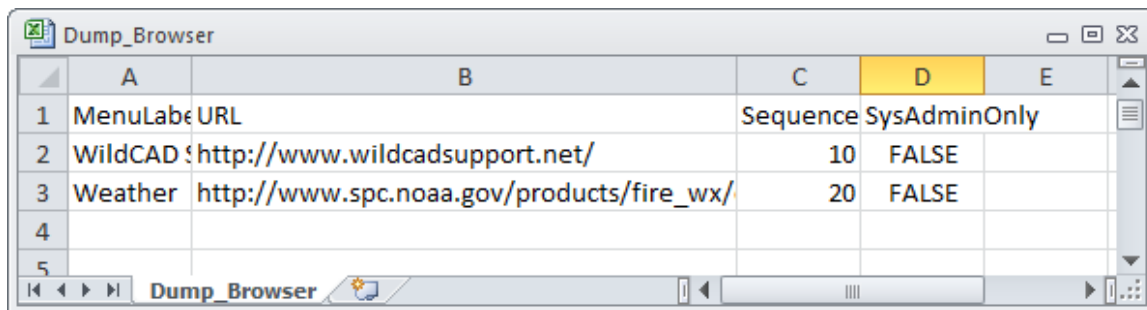
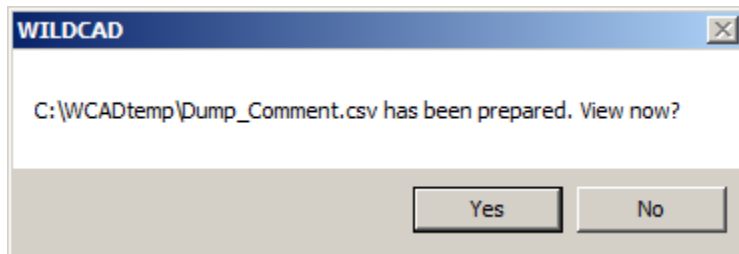
Database Viewer

Utilities => Database Viewer

The Database Viewer allows you to examine, but not edit, the data inside WildCAD's Access database:



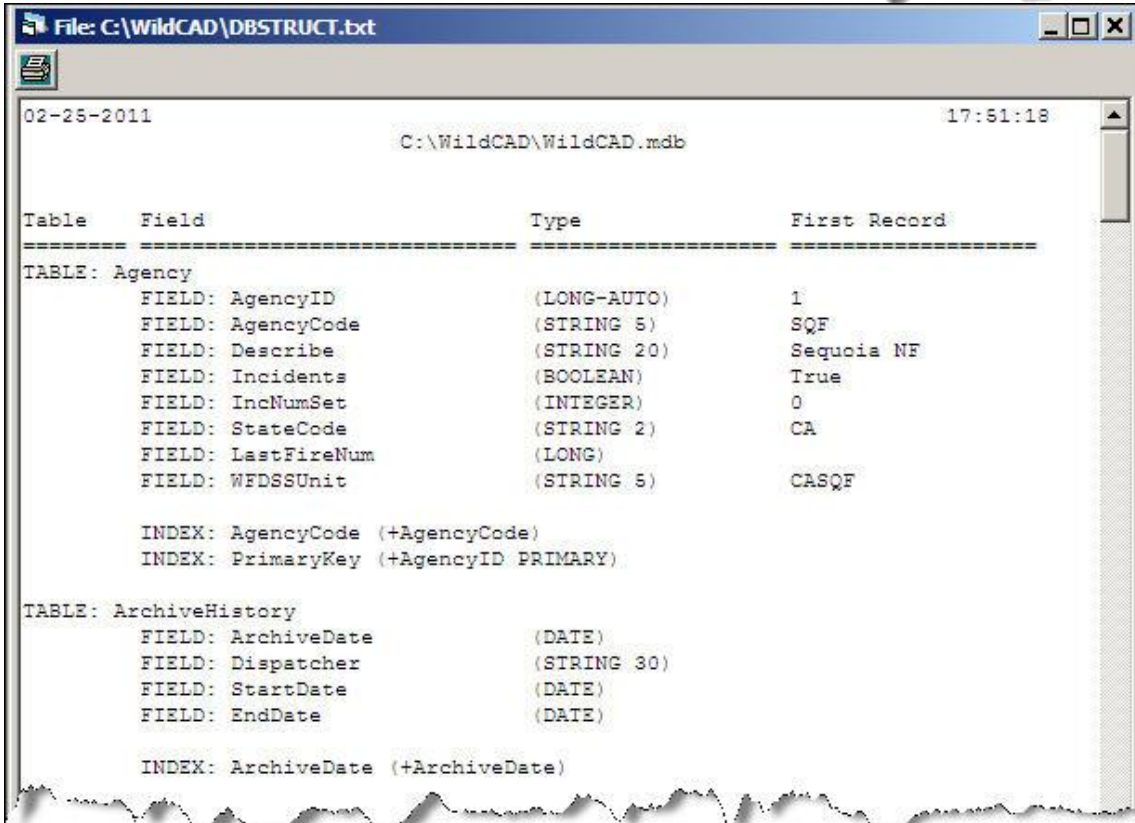
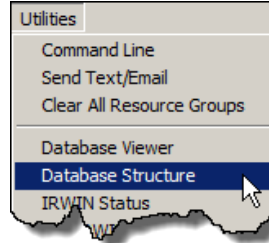
Select a table name at the left to view that table's contents. Click "Export to CSV" to have the selected table saved to a spreadsheet file.



Database Structure

Utilities => Database Structure

The Database Structure menu item prepares a report showing the structure of the Access database:

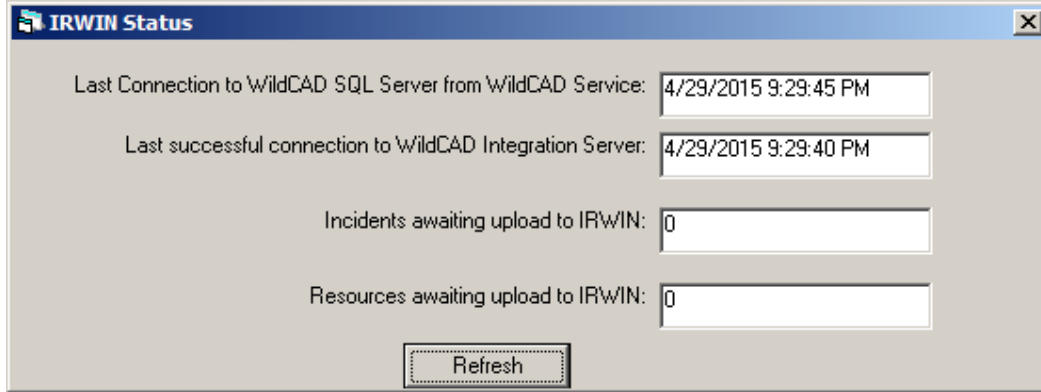
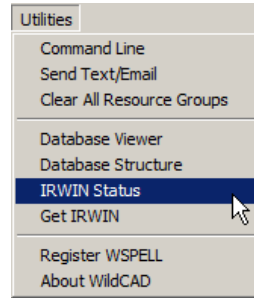


This report may be helpful to you if you intend to develop custom reports using SQL.

IRWIN Status

Utilities => IRWIN Status

If you suspect WildCADservice is not running, you can use Utilities -> IRWIN Status:

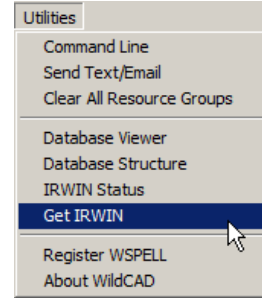


This screen tells you the last time your WildCADservice looked at your SQL Server database. It also tells you the last time WildCADservice connected to Bighorn's WildCAD Integration Server. Submit a Service Request if you suspect problems

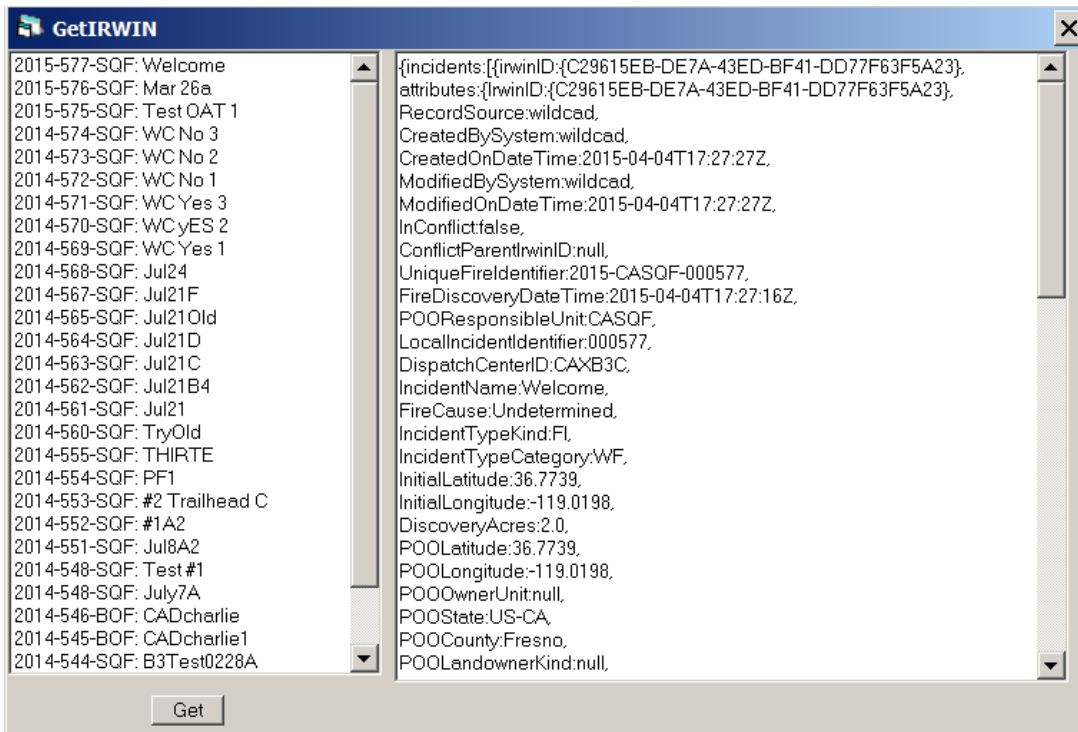
Get IRWIN

Utilities => GetIRWIN

WildCAD6 includes Utilities -> Get IRWIN which allows you to submit a request to IRWIN to tell you everything IRWIN knows about an Incident! This can only be requested for an Incident which as met the criteria above and has been successfully sent to IRWIN.

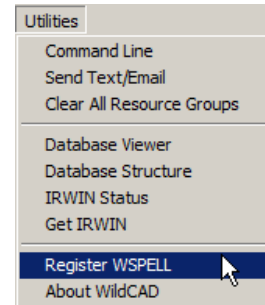


Incidents which have been successfully sent are displayed on the left of Get IRWIN. Select one, and then click “Get” at the bottom. Wait a few seconds, and you will see what IRWIN has. Note, this is in raw format of IRWIN Field Name followed by a colon followed by the value:



Register WSPELL

Utilities => Register WSPELL

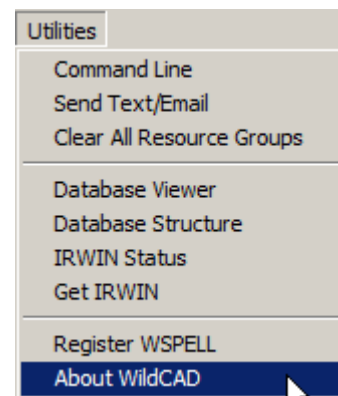
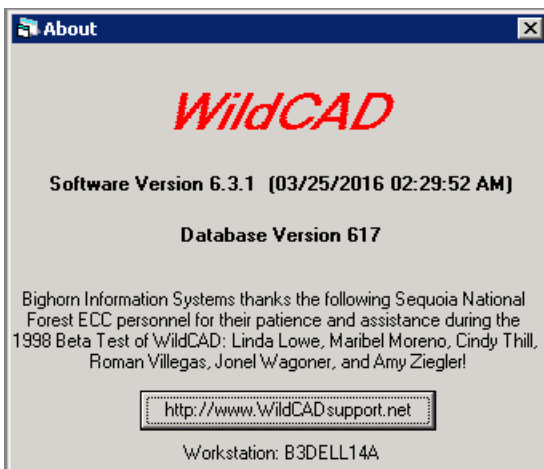


Use as directed by Bighorn’s support staff.

About WildCAD

Utilities => About WildCAD

The About WildCAD menu item shows information about your software:



If connected to the Internet, click on the button at the bottom to go to the “**WildCAD Support**” site.