



# INFORM INSPECTOR USER'S GUIDE INSPECTOR VERSION 2.0

Current Through Version 2.0 04/02/2025

Sprint 2.0.54

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## Version Changes

Changes to this User's Guide from the version listed are included in this guide, as noted below.

Version	Change	Document Location
2.0.54	2.0 Add indicator to details screen of the number of related records	Incident View section, p. 18
2.0.54	Add attributes of related records to printed report	Viewing a Fire Report, p. 19

## InFORM Inspector User's Guide

The Interagency Fire Occurrence Reporting Modules- Wildland Fire Reporting (InFORM-FR) is an interagency application. InFORM-FR replaces legacy wildland fire reporting systems, including the Wildland Fire Management Information (WFMI) system. Via automated data exchange services (i.e. IRWIN and the geospatial National Incident Feature Service), InFORM can read and share data with other fire applications such as WildCAD, FireCode, EGP, WFDSS, and FAMWeb-209. A Fire Occurrence Record (FODR) is created from an Incident record, and the FODR is what we edit, manage, filter, and report on in InFORM-FR, not the original incident record. We use information from the Incident record to create the FODR. When an IRWIN incident (including new incidents created in InFORM Mobile or in InFORM Inspector) is updated in a source system, InFORM-FR will read changes, but changes made to a FODR in InFORM-FR are not written back through IRWIN. The InFORM application suite is comprised of 3 integrated applications:

- InFORM Mobile/Survey123 can be used to initiate a fire report in areas where WildCAD is not used or is otherwise unavailable. When run from a GPS-enabled cell phone or tablet at the fire scene, InFORM's Survey123 app can automatically capture the fire's location as a point.
- InFORM Mobile/Collector can be used on a GPS-enabled cell phone or tablet to capture a perimeter for any incident reported through IRWIN.
- InFORM Inspector is the web-based application used to complete and certify fire reports. Under normal circumstances, most of the data in the fire report will have been entered in upstream applications, such as WildCAD and FAMWeb209, so Inspector is used to review that data, add/edit information to complete all required data fields, and certify the report as "final".

This user's guide is for the InFORM Inspector application.

InFORM Inspector is the web-based application that allows users to:

- Edit a FODR
- Certify a FODR
- Create a Final Fire Report

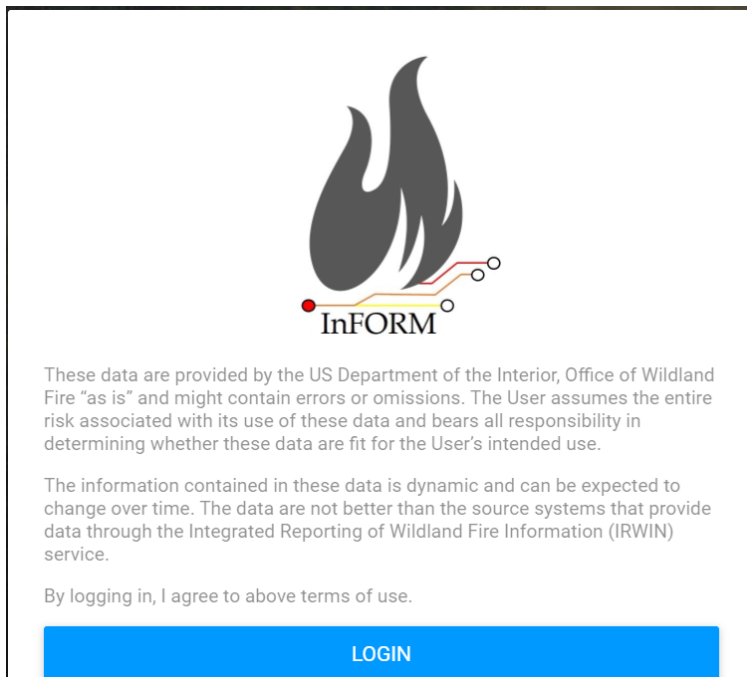
- Upload incident records and create FODRs from them
- Download FODR records
- Reporting
- Create a new incident for users who don't use a CAD or have another means of recording an incident, which initiates an incident into the interagency environment via IRWIN.
- Manage and Splice FODRs

The role the user is assigned in Inspector affects the functions the user can perform in Inspector. Roles are as follows:

InFORM Inspector Role	Role Description
Certifier	Highest-level access. Using InFORM Inspector, can certify any fire report, thereby indicating: data collection phase is done, report is complete, data is accurate and can be used for official statistics. Also has Editor role capability.
Editor	Can review and edit any fire report using InFORM Inspector.
Viewer	In InFORM Inspector, can run summaries, generate/print individual fire reports, and export data. Cannot add/delete reports or modify data.
Admin	Allows increased privileges for bulk editing and searching and viewing edit logs

### Logging In

To login into Inspector, go to <https://inform.firenet.gov/inspector>



1. Choose Login.

2. Enter your NIFC ArcGIS Online login and password.

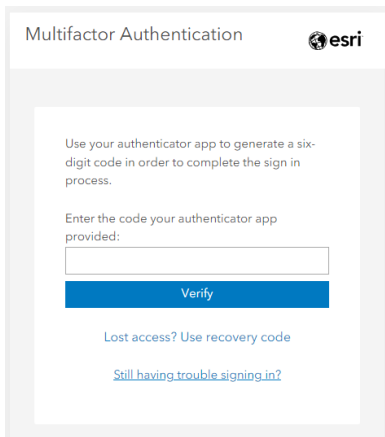
Multi-Factor Authentication (MFA) has been enabled for all logins.

Wildfire Response ([wildfireresponse@firenet.gov](mailto:wildfireresponse@firenet.gov)) manages the MFA for the NIFC org. If you need additional help getting MFA set up for your account, please see these resources:

Initial MFA Setup: [Manage profile and settings—ArcGIS Online Help | Documentation](#)

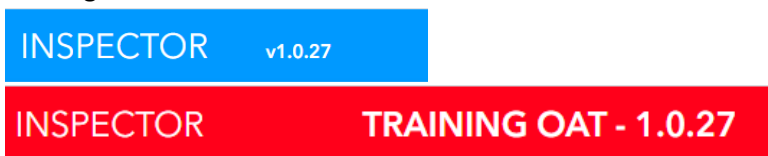
MFA Troubleshooting Guide: [MFA Troubleshooting guide](#)

Security Keys for MFA: [Security Keys for MFA - ArcGIS Online](#)



3. Open your desired authenticator application on your mobile device, and enter the code that appears.
4. Click Verify.

Note: Users can see which Inspector environment they are in by looking at the banner at the top of the screen. For example, a blue banner is the production environment and a red banner is the training environment:











### Update User Info

Periodically when you log in you may see a window requesting you to update your user information. The information requested is First Name, Last Name, Email, Home Unit ID, and Job Title.

### Account Options

When you click the down arrow next to your account name in the upper right-hand corner of the screen, several options appear.

-  Admin
-  App Metrics
-  Report a new Incident
-  Data Dictionary
-  Reports
-  Sign out
-  Contacts
-  Feedback

---

Links

- [Inspector - Training Version \(OAT-NEXT\)](#)
- [Known bugs](#)
- [Irwin Observer](#)
- [InFORM Training Materials](#)
- [InFORM User Guide and Data Dictionary](#)
- [FAMAuth Portal \(EGP, SIT209, etc\)](#)
- [NIFC AGOL](#)
- [WFMI Unit ID Module](#)
- [NWCG](#)
- [Fire Behavior Fuel Models](#)

## Admin

Select this option to search for items in Inspector, such as Unique Fire Identifier, FORID, or IRWIN ID. Depending on your role in InFORM, you may also be able to Resync Spatial Feature, and edit the Firecode.

Admin
✕

Search by:

Unique Fire Identifier  
 FORID  
 IRWIN ID

SEARCH

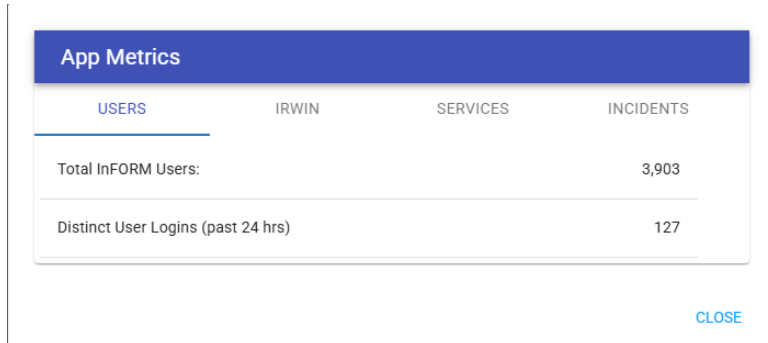
↻ RESYNC SPATIAL FEATURE

<b>Fire Occurrence Record ID:</b>	1250967
<b>Incident Name:</b>	Twamore
<b>Unique Fire Identifier:</b>	2025-COMGX-000166
<b>FireCode:</b>	SJP4 <a href="#" style="color: #2c5e8c; text-decoration: none;">EDIT</a>
<b>InFORM Last Modified:</b>	03/27/2025 10:42 AM
<b>IRWIN Last Modified:</b>	03/27/2025 10:37 AM
<b>Filter by attribute:</b>	<input style="width: 100%;" type="text" value="Search..."/>

IRWIN (wildcade) at 03/24/2025 6:57 PM

## App Metrics

Select this option to view statistical data about Inspector, such as Total InFORM Users and Distinct Users from the last 24 hours.



The screenshot shows a window titled "App Metrics" with a blue header. Below the header is a table with four columns: "USERS", "IRWIN", "SERVICES", and "INCIDENTS". The "USERS" column is currently selected. The table contains two rows of data:

	USERS	IRWIN	SERVICES	INCIDENTS
Total InFORM Users:				3,903
Distinct User Logins (past 24 hrs)				127

A "CLOSE" button is located in the bottom right corner of the window.

## Report a new incident

Select this option to create a new incident. This method of creating a new incident is not meant to replace a CAD, but can be used to quickly create a new incident when standard dispatch procedures do not include an IRWIN-connected CAD.

## Data Dictionary

Select this option to view the InFORM Inspector Data Dictionary that lists the data elements found in Inspector.

## Reports

Select this option to view the static, pre-defined reports

## Sign Out

Select this option to sign out of Inspector.

## Contacts

Select this option to view agency contact information for Inspector.

## Feedback

Select this option to send a feedback email to the InFORM team.

## Links

These are quick links to commonly needed systems and materials, such as Known InFORM Bugs, IRWIN Observer, InFORM Training Materials, Sit209, NWCG web site, and Fuel Model information.

## Viewing and Filtering FODRs

The FODRs that appear in Inspector are the created from incidents in IRWIN, originated from Inspector, and can also be uploaded incidents from states or historical incidents from legacy systems. Inspector offers several ways to view and filter the incidents displayed in a list, allowing users to see as few or as




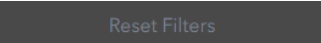
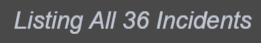
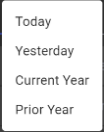
many incidents as desired. Once a list is filtered, users can report, summarize, or download the incidents in the filtered list.

When Inspector is opened, a list of basic filters is displayed on the far-left navigation.

Users can also create custom filters. See below for more information on Custom Filters.

Incident Status	▼
GACC	▼
Response Agencies	▼
State	▼
Initial Fire Strategy	▼
Relationships	▼
Incident Category <span style="color: green;">●</span>	🗑️ ▼
Fire Cause	▼
Incident Size	▼
Fire Discovery Date	▼
Fire Out Date	▼
Last Modified Date	▼
Modified By System	▼
Created By System	▼
Damages	▼
Acres by Ownership	▼
Final Report Narrative	▼

- These filters can be used to restrict or expand the incidents in the list and indicated in the map.

- Click the down carat (∨) to see the options for a specific filter
- Click the up carat (^) to collapse the options for that filter
- The system stores the last -used filter selections for subsequent sessions. They can be changed at any time.
-  A green indicator by the filter indicates that a selection has been made for that filter.
-  Clicking the trash can icon next to a filter allows the user to clear that filter selection.
-  To hide the left navigation Filter list, click Hide Filter. To unhide, click the right carat (>)
-  To clear all selected filters, click Reset Filters at the bottom of the filter list.
-  Based on filter selections, Inspector displays how many FODRs meet the criteria at the top of the filters.
- Date fields allow users to enter a minimum date, maximum date or select from common date options. 

**NOTE: Reset Filters will set the list to Wildfires only in the current year. This is useful if the incident(s) you are trying to find may not be visible when expected.**

## Location

The incident list displays all incidents that are located within the map extent on the right. To narrow the results by selecting a more specific area, follow these steps to use the Polygon Tool:

1. Expand the Location option.
2. Click the four-sided polygon graphic to the right of Select On Map.
3. Click on the map to draw the boundary of the selection.
4. Double-click on the last point to close the polygon.
5. The screen refreshes automatically, refreshing the incident list to only include incidents within the selected area.

Click the four-sided polygon graphic to the right of Select On Map again to exit the boundary drawing mode without completing the boundary. Alternatively, you can use the pan and zoom method described in the “Using the Map” section later in this document.

## Data Sources

Multi-select options. Options are: IRWIN, WFMI, Bulk Upload, FireStat, and FMIS. Users can also select the option to only display multi-root incidents, which will return both spliced and merged incidents. Splicing FODRs and selecting root records are described later in this document.

## Incident Status

The dropdown for Incident Status defaults to showing all. To select other options:

1. Click the down arrow to the right.
2. Click to select one or more options of All, Certified, Complete, Incomplete, Quarantined, and Non-Quarantined
3. The map indicators and incidents list will automatically refresh and update.

## GACC

The option under GACC (Geographic Area Coordination Center) is a list of all GACCs. To select one or more, click to expand the list, and then click to select the desired GACC(s).

## Response Agencies

To filter by Response Agencies, you can select one or more by clicking to expand the list, and then clicking to select each of the desired Response Agencies.

## State

The State filter has two selections: State and County. Users can select more than one state, but if more than one state is selected, the County pick list will not be available. Also, the County pick list will not populate until a state has been selected.

## Initial Fire Strategy

Multi-select options. Options are Full Suppression, Point Zone Protection, Confine, and Monitor.

## Relationships

Multi-select options. Options are Providing Response To, Complex, Potential Conflict, Merge, Prescribed Fire, and Post-Fire

## Incident Category

Multi-select options. Wildfire is the Default Selection. Options are Wildfire, Incident Complex, False Alarm, Prescribed Fire, Debris/Product Fire, Structure Fire, Vehicle Fire, Preparedness/Preposition, Incident/Event Support, Out of Area Response, Emergency Stabilization/BAER, Fire Rehabilitation, Non-Statistical/Other.

## Fire Cause

Multi-select options of Natural, Undetermined, and Human

## Incident Size

Options to enter a minimum value and/or a maximum value. Minimum is .1 and there is no Maximum

## Fire Discovery Date

Select a minimum and/or maximum date from the calendar date picker, or select from common date options. The default is set to the current date.

### Fire Out Date

Select a minimum and/or maximum date from the calendar date picker.

### Last Modified Date

Select a minimum and/or maximum date from the calendar date picker.

### Modified By System

Select one or more systems from the list.

### Created By System

Select one or more systems from the list.

### Damages

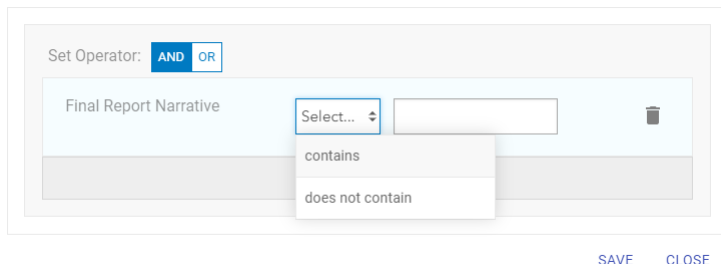
For each Damages option, users can make a single selection of All, Yes, or No. Options are Residences Destroyed, Injuries, Fatalities, Other Structures Destroyed, Residences Threatened, and Other Structures Threatened.

### Acres by Ownership

For each Acres by Ownership option, users can create a query by selecting a Landowner from the list, then selecting an operator (greater than or equal to, less than or equal to, or equals) and then entering an acreage amount.

### Final Report Narrative

This an open text search field. By entering a search term in this box, Inspector will return results with the entered term. This box allows for standard search options.



### Jurisdiction

These are open text fields to enter search for Agency or Unit

### Derived Dispatch Center

This is an open text field to search for a desired Dispatch Center ID.

### Protection

These are open text fields to enter search for Protecting Agency or Protecting Unit.

### Landowner Category

Multi-select options.

### Uniqueness Score

This field is an open text field for the Uniqueness Score Threshold.

There is also a checkbox to display only non-unique incidents.

### Incident Time Zone

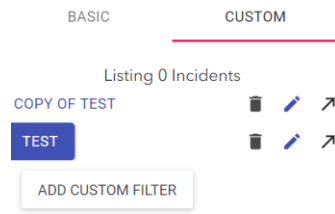
Users can select a time zone from the list.

### IMSR

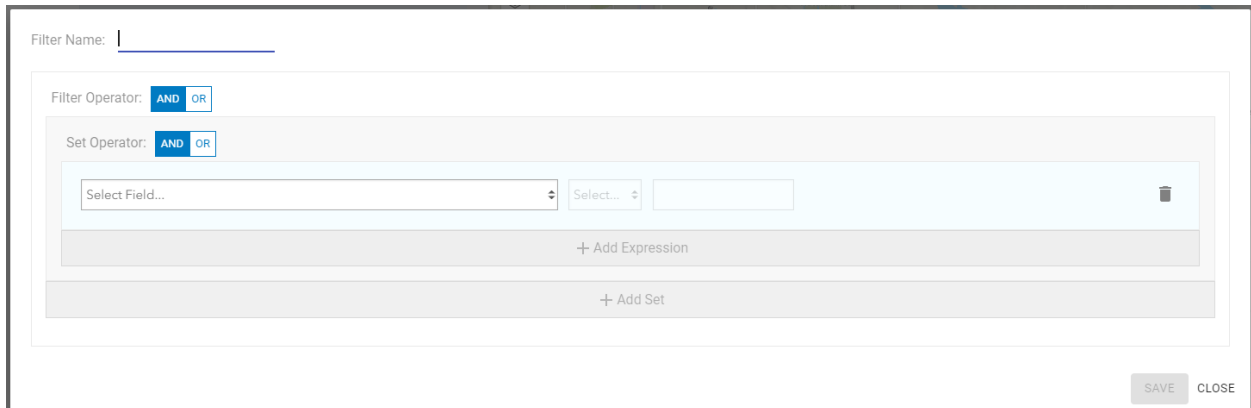
Users can choose to filter on incidents that have an IMSR. Select the checkbox for In IMSR, then users can select a date range min/max. This data gets updated twice a day.

### Creating Custom Filters

Inspector allows you to create one or more custom filters for ease of viewing incidents. To create a custom filter, click Custom above the Filter list, then click Add Custom Filter.

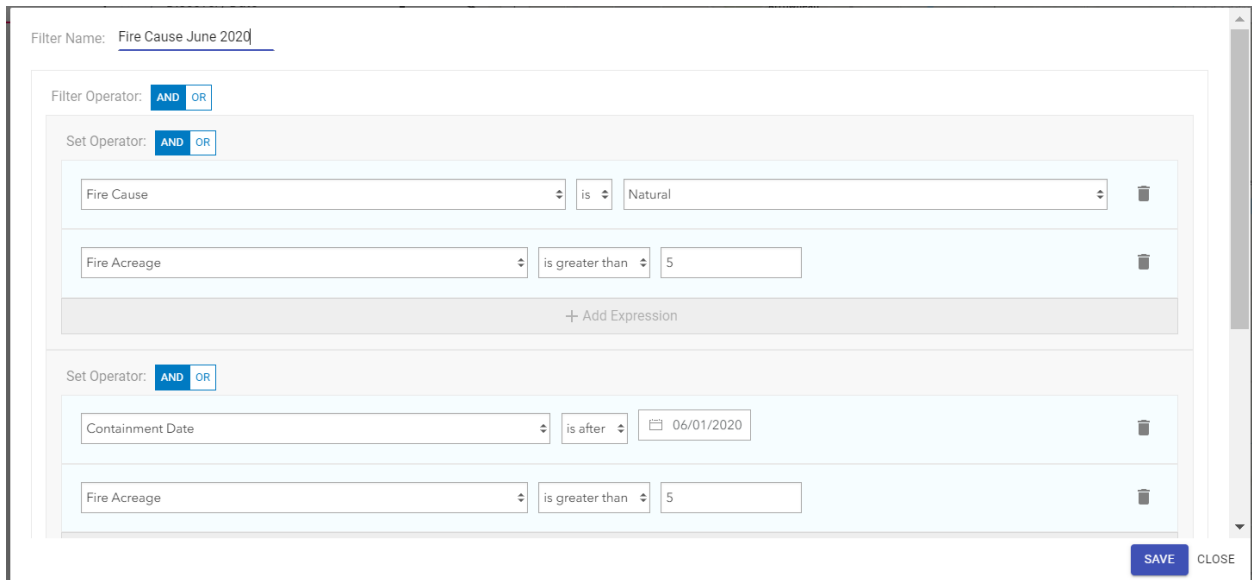


The following window appears:



You can name the filter in the Filter Name field.

An expression is a statement that results in the data being true or false. For example: Fire Cause is Natural. A set is a group of expressions which are strung together using either AND or OR. For example: Fire Cause is Natural AND Incident Size is greater than 5. A filter is one or more sets which are strung together using either AND or OR. The example below is a filter which contains 4 expressions and 2 sets.

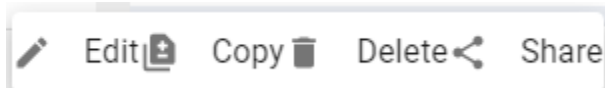


The query syntax is listed at the bottom of the dialog box.

```
((FireCause = 'Natural') AND (DailyAcres > 5)) AND ((ContainmentDateTime > '2020-06-01') AND (DailyAcres > 5))
```

You can create and save multiple queries in Inspector.

Editing, Copying, Deleting, and Sharing Custom Filters



You can edit, copy, delete and share a Custom Filter.

To edit, click the pencil icon next to the Custom Filter name.

To copy, click the edit icon next to the Custom Filter name.

To delete, click the trash can icon next to the Custom Filter name.

To share, click the Share icon next to the Custom Filter name, then enter the NIFC user name for the person you'd like to share the query with.

## Incident List

Sort by: Discovery Date			
<input type="checkbox"/>	Incident Name Granger Fire	Final Acres —	Discovery 08/01/2018
	ID 2018-WYRSD-2019-61	FireCode —	Fire Out —
<input type="checkbox"/>	Incident Name Granger fire	Final Acres —	Discovery 08/01/2018
	ID 2018-WYRSD-2019-285	FireCode —	Fire Out —
<input type="checkbox"/>	Incident Name Melody Fire	Final Acres —	Discovery 06/26/2018
	ID 2018-WYRSD-2019-168	FireCode —	Fire Out —
<input type="checkbox"/>	Incident Name 2 Rivers	Final Acres —	Discovery 06/06/2018
	ID 2018-WYBTF-2019-42	FireCode —	Fire Out —
<input type="checkbox"/>	Incident Name Dead Horse	Final Acres —	Discovery 04/28/2018

- In the center list, the list of incidents that appears is based on the map on the right and on the Filters selected in the left navigation.
- Summary incident information appears in the incident box, including Incident Name, Unique Fire ID, Fire Size, FireCode, Discovery date, and Fire Out date.
- Users can sort the list of incidents by making a selection in the Sort By field. Options are Discovery Date, Fire Out Date, Incident Name, Last Updated, and Fire Size.
- Users can hide the incident list (to make the map view larger) by clicking the left carat (<) next to Sort By. To expand the list, click the right carat (>).



- If the Incident list is hidden, click the arrow to show all information for an incident.



- Users can toggle the list sort selected by ascending or descending by clicking the type selector.



- Users can share the incidents in the list by clicking the share selector. This copies all of the filters and map extent in a link that can be shared with others.



- Users can select incidents by clicking the box on the left.
- To see all information about an incident, click the right carat (>) on the right side of the incident box.
- Incident box color: green indicates the incident is certified; green with purple indicates that the incident is certified but has low uniqueness score; blue indicates all required fields for the incident have been populated; blue with purple indicates all required fields for the incident have been populated but the incident has low uniqueness score; gray indicates that the incident is missing required data elements; gray with purple indicates the incident is missing required data elements and the incident has low uniqueness score.

Incident Name	Final Acres	Discovery
Granger Fire	—	08/01/2018
Granger fire	—	08/01/2018
Melody Fire	—	06/26/2018
2 Rivers	—	06/06/2018
Dead Horse	—	04/28/2018

## Incident Options

When an incident window is open, a user can perform the following actions, depending on his/her role:

Klikhtentotzna

REPORT

EDIT

CLOSE

ACTIONS



## Incident View

- If an incident has related records, you will see that indicated next to the name of the incident. To view related records, choose Show related records under the Actions menu.

Unknown 2 related records


REPORT

EDIT

CLOSE

ACTIONS



- The incident view contains all information about an incident, divided up into relevant groupings.
  - Summary Information
    - The summary information grouping displays the date and time the incident was last modified, as well as the system that last modified it.
    - The summary information grouping also displays the incident name, incident ID, Discovery Date, and Incident Size.
    - If there are required fields for certifying a final fire report missing, users will see a message in red indicating the number of missing fields.
  - Incident
  - Point of Origin
  - Initial Response Agencies
  - Perimeter
  - Size Information
  - Chronology
  - Site Descriptors
  - Outcomes
  - Fire Cause
  - Complexity and Management
  - Miscellaneous
- Users can expand or collapse the groupings by clicking the up or down carat.
-  The selected incident is indicated on the map as a yellow circle outlined in black
- To close out of the selected incident view, click the Close button at the top of the window
- Other choices users, depending on their role, can take on this window are:
  - Report (Certifier, Editor, Viewer)
  - Edit (Certifier, Editor)
  - Actions
    - Invalidate (Certifier, Editor)
    - Merge Into

- View Uniqueness Scores (Certifier, Editor, Viewer)
- Show Edit Log (Admin)
  - Re-validate (Admin)
  - Re-Synch Spatial Feature (Admin)
- Show Related Records (Certifier, Editor, Viewer)
- Share Via Email (Certifier, Editor, Viewer)
- Re-Center Map (Certifier, Editor, Viewer)
- Required Incident Information is denoted by a **red asterisk (\*)**. Note: Some required fields are based on the Jurisdiction Agency at POO, and can vary by agency. Please contact your agency for questions on required fields that differ from the below or from screen shots used in this User's Guide.
- See the InFORM Data Dictionary for data element definitions

Incidents created in InFORM Mobile or in any other system are available in Inspector for viewing, editing, reporting, and certifying.

### Viewing a Fire Report

When users click Report at the top of the incident window, the Final Fire Report appears. All Inspector users can view a Fire Report.

- The incident information displays in a report format, using the same groupings found elsewhere in Inspector, with the addition of:
  - A map of the incident (zoomed to the same level as the user was viewing on the screen)
  - A Narrative section for the final fire report narrative
  - A Certification section with some incident information listed
  - An Approval sections for wet signatures. This is not required and only available for some agencies that might require a wet signature
  - If the incident has related records, those will be displayed at the bottom of the report.
- The report can be printed or printed as a .pdf.
- Click Back in the upper left to return to the Incident window

### Editing a Fire Report

When users click Edit at the top of the incident window, editable data elements become active.

- Only users with Editor or Certifier roles can edit
- The incident summary section at the top indicates in **red** the total number of missing required data elements. Note: Users cannot directly edit any information in the summary section
- Groupings with missing required information will have an alert in red text indicating how many required fields are missing in that grouping
- To save changes, click Save Changes. To exit without saving changes, click Cancel

The information users can edit is outlined below.

## Incident Information

INCIDENT <span style="float: right;">^</span>	
INCIDENT NAME *	OLD STUMP
INCIDENT TYPE *	Fire
INCIDENT CATEGORY	Wildfire
UNIQUE FIRE IDENTIFIER *	1998-NDSRA-000108
LOCAL INCIDENT IDENTIFIER *	000108
FIRECODE *	
FORID *	{B738E04D-71C1-4C97-AAB4-8A45178AAEEE}
RELATED IRWIN ID	
USFS JOB CODE PREFIX	--
ABCD MISC	--
IS FS ASSISTED	--

**Incident Name:** The incident name comes from the system used to report the incident originally, but users can edit the incident name here.

**Incident Type:** The incident type defaults to Fire. Other options appear in the list, but for now Inspector is built to handle Incident Type of Fire.

**Incident Category:** The Incident Category defaults to Wildfire. Other options appear in the list and are dependent on the Incident Type selected. These domain values are managed in IRWIN.

**Unique Fire Identifier:** This field is NOT editable. It is auto-generated when the incident is created. It is comprised of the Discovery Date year, the Protecting Unit ID and the Local incident Identifier. If any of those elements change, the unique fire Identifier also changes. If it's a non-CAD created incident, then the Protecting Unit ID can be changed within InFORM. IRWIN enforces uniqueness. So users will receive an error (similar to the one below) if there are two incidents with the same unique fire ID.

---

### Error Saving Changes

There was a problem saving your changes...

UniqueFireIdentifier  
The following IrwinIDs are already assigned to this  
UniqueFireIdentifier \*\*2019-INIDP-019018\*\*: 97F71D00-9117-  
4277-BEEE-CF21222A2C25

CLOSE

**Local Incident Identifier:** This field defaults to the value in Incident Name but can be edited. Field size is a maximum of ten (10) characters. A number or code that uniquely identifies an incident for a local fire management organization within a particular calendar year.

**FireCode:** If the incident has a FireCode, it will display here. This field is only editable if the user has the correct role. See Admin section under Account Options above. If a Firecode is changed and the incident originated in IRWIN, InFORM will write the edit back to IRWIN.

**FORID (Required):** This field is auto-generated and CANNOT be edited.

*TIP: If you know the IRWINID of an incident, you can use this URL to find other information about the incident, including the FORID. [https://inform.firenet.gov/InformAPI/api/IrwinID/<IRWIN\\_ID>](https://inform.firenet.gov/InformAPI/api/IrwinID/<IRWIN_ID>), where you can insert the IRWINID in the URL in place of <IRWIN\_ID>*

**Related IRWIN ID:** If an incident is spliced, the related IRWIN IDs show for the new FODR

**USFS Job Code Prefix:** If needed, enter a two-character code to indicate the Forest Service job accounting code for the incident. This is specific to the Forest Service. Usually displayed as a 2-character prefix in FireCode.

**ABCD Misc:** If needed, enter a four-character fire code used by USDA FS to track and compile cost information for emergency initial attack fire suppression expenditures. For A, B, C & D size class fires on FS lands. If ABCD Misc is populated, then FireCode is NOT a required field.

**Is FS Assisted:** If needed, choose from options True or False to indicate if the Forest Service provided assistance on an incident outside their jurisdiction.

## Point of Origin Information

### POINT OF ORIGIN

5 Required Fields Missing



LATITUDE	46.093900
LONGITUDE	-100.655400
LANDOWNER KIND	--
LANDOWNER CATEGORY *	--
GEOGRAPHIC AREA COORDINATION CENTER CODE *	--
STATE *	--
COUNTY *	--
DISPATCH CENTER ID	--
DERIVED DISPATCH CENTER ID	--
JURISDICTIONAL AGENCY	BIA
JURISDICTIONAL UNIT *	NDSRA
PROTECTING AGENCY	BIA
PROTECTING UNIT *	--
PROTECTING FIRE DEPT ID	--
POO FIRE INTENSITY LEVEL	--
WIMS WEATHER STATION IDENTIFIER	--
FIRE DETECTION METHOD	Public

**Latitude:** This information is derived and CANNOT be edited unless the Point of Origin is changed. Geographic representation of the Point of Origin (POO) is in the NAD83 datum. The latitude location is the point of origin specified in decimal degrees. The POO is the location where a competent ignition source came into contact with the material first ignited and sustained combustion occurred.

**Longitude:** This information is derived from the point of origin and cannot be edited unless the POO is changed. The longitude location is the POO specified in decimal degrees. The POO is the location where a competent ignition source came into contact with the material first ignited and sustained combustion occurred.

**Landowner Kind:** Choose an option from the list. Federal, Other, Private.

**Landowner Category:** This can be selected from the list or derived from the layer Surface Management Agency (SMA) Geographic Information System (GIS) dataset based on the Point of Origin. To Derive, click the blue Derive test next to the data element. More specific classification of land ownership within land owner kinds identifying the owner at the POO at the time of the incident. Owner in the context of this data element refers to the person or entity that owns the land or has the authority to convey title to others and can be different than the Jurisdictional Unit.

**Geographic Area Coordination Center Code:** Derived by IRWIN. A code that identifies one of the wildland fire geographic area coordination centers. A geographic area coordination center is a facility that is used for the coordination of agency or jurisdictional resources in support of one or more incidents within a geographic coordination area.

**State:** Derived by IRWIN. The US State at POO.

**County:** Derived by IRWIN. The County Name identifying the county or equivalent entity at POO designated at the time of collection

**Dispatch Center ID:** This is populated with the derived value but can be edited here. Also see below for derived value. A unique identifier for the dispatch center that intersects with the incident POO. This field may differ from Derived Dispatch Center ID in cases where a Tier 4 boundary is not included in the geospatial layer or when the boundary in the geospatial layer is not accurate.

**Derived Dispatch Center ID:** Derived by IRWIN. A unique identifier for the dispatch center that intersects with the incident point of origin.

**Jurisdictional Agency:** Enter the abbreviation for the agency having land and resource management responsibility for an incident as provided by federal, state or local law.

**Jurisdictional Unit:** NWCG Unit Identifier to identify the unit with jurisdiction for the land where the point of origin of a fire falls.

**Protecting Agency:** Indicates the agency that has protection responsibility for the incident.

**Protecting Unit:** National Wildfire Coordinating Group (NWCG) Unit responsible for providing direct incident management and services to an incident pursuant to its jurisdictional responsibility or as specified by law, contract or agreement. Definition Extension: Protection can be re-assigned by agreement; the nature and extent of the incident determines protection (e.g. Wildfire vs. All Hazard.)

**Protecting Fire Department ID:** The U.S. Fire Administration (USFA) has created a national database of Fire Departments. Most Fire Departments do not have an NWCG Unit ID. Therefore, it is the intent of the IRWIN team to create a new field that includes this data element to assist the National Association of State Foresters (NASF) with data collection.

**POOFIREINTENSITYLEVEL:** Choose from the following options.

- 0 - 2.0 foot flame lengths
- 2.1 - 4.0 foot flame lengths
- 4.1 - 6.0 foot flame lengths
- 6.1 - 8.0 foot flame lengths
- 8.1 - 12.0 foot flame lengths
- 12.1 foot flame lengths or greater

**WIMS Weather Station Identifier:** Enter the Weather Station Identifier from the Weather Information Management System (WIMS). The Weather Information Management System (WIMS) is a comprehensive system that manages weather information.

**Fire Detection Method:** Choose from the following options.

- 911
- Agency Patrol
- Other Agency Employee
- Agency Aircraft
- Other Aircraft
- Other Agency
- Local Fire Department
- Fire Lookout (Tower)
- Local Law Enforcement Agency
- Fire Warden/Volunteer
- Other
- Public
- Responsible Party
- Remote Sensing

**Initial Response Agencies**

Based off the Resource information in IRWIN, this box is used to denote when another agency responded to an incident. For each agency, the responding agency box is checked for “yes” if:

- Time frame: Up to 48 hours after Fire Discovery Start Date Time.
- Counting these resources: All “Line Producing Resources” as listed below.
  - Hand Crews
  - Wildland Fire Modules
  - Engine Crews
  - Helitack
  - Smokejumpers
  - Firefighting Equipment
  - Firefighting Engines/Tactical Water Tenders
  - Dozers/Tractor Plows

## INITIAL RESPONSE AGENCIES



### RESPONDING AGENCIES



- Bureau of Indian Affairs
- Bureau of Land Management
- Bureau of Reclamation
- Department of Defense
- Department of Energy
- National Park Service
- US Forest Service
- US Fish and Wildlife Service
- Other Federal
- Foreign Government
- Tribal Government (non-trust lands)
- City or Equivalent Government
- County or Equivalent Government
- State or Equivalent Government
- Individual or Private Corporation
- Alaska Native Claims Settlement Act

### *Responding Agencies Resource Summary*

By clicking the note icon next to Responding Agencies, users can see the resource summary, which comes from IRWIN geoplatform service, from connected systems on the fly. Shows all resources for an incident for the first 48 hours.

Initial Resources							×
Resources below were fulfilled within 48 hrs of incident discovery:							
Provider Agency	Provider Unit	Home Unit	Type	Category	Kind	Code	
BLM	IDBOD	IDBOD	Equipment	Engine	Type 4	ENG4	
BLM	IDBOD	IDBOD	Equipment	Dozer	Type 2	DZR2	
							CLOSE

Perimeter Information

PERIMETER				^
<input type="checkbox"/> Assign Beneficial Acres %				
Kind	Category	Calculated Acres	User Acres	
Federal	BLM	51801.50	0.00	×
Private	Private	16422.60	0.00	×
<b>Total:</b>		<b>68224.10</b>		
		<b>ADD ROW</b>	<b>RECALCULATE</b>	

**Assign Beneficial Acres %:** If there are acres burned for a wildfire that provided resource benefit, you can check this box and then assign the percent of beneficial acres for each Landowner.

**Landowner Kind:** One or more Landowner Kinds may be present within the perimeter. All Landowner Kinds are represented in the table

**Landowner Category:** One or more Landowner Categories may be present within the perimeter. All Landowner Categories are represented in the table.

**Calculated Acres:** The calculated acres from the Perimeter Acreage Service for each Landowner are represented in the table.

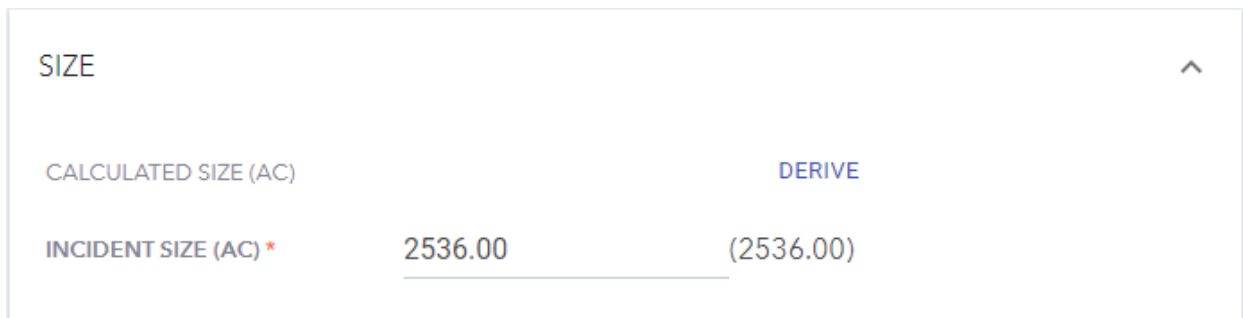
**User Acres:** Users can adjust the calculated acres using this field.

**Total:** Total calculated acres is displayed.

**Add Row:** When editing a record, you can add rows to the Landowner table by clicking Add Row

**Recalculate:** To recalculate acres in the Landowner table, click Recalculate.

### Size Information



SIZE	
CALCULATED SIZE (AC)	DERIVE
INCIDENT SIZE (AC) *	2536.00 (2536.00)

**Calculated Size (AC):** The number of acres within the current perimeter of a specific, individual incident, including unburned and unburnable islands as shown in the National Incident Feature Service (NIFS). The minimum size must be 0.1.

**Incident Size (AC):** User entered field, also called Daily Acres in IRWIN. A measure of acres reported for a fire. More specifically, the number of acres within the current perimeter of a specific, individual incident, including unburned and unburnable islands. The minimum size must be 0.1.

**Derive:** Click this to derive the acres based on the perimeter.

## Chronology Information

CHRONOLOGY		^
CREATED ON DATE TIME	07/01/2021 at 9:30 AM	
IGNITION	--	
DISCOVERY *	06/30/2021 at 6:21 PM	
INITIAL RESPONSE *	06/30/2021 at 6:21 PM	
ESTIMATED CONTAINMENT DATE	07/05/2021 at 11:00 AM	
CONTAINMENT	07/05/2021 at 5:50 PM	
GROWTH CESSATION	--	
CONTROL	07/17/2021 at 3:05 PM	
FIRE DECLARED OUT *	07/17/2021 at 3:05 PM	
FINAL STRATEGY ATTAINED	--	
MODIFIED ON DATE TIME	09/14/2021 at 11:33 AM	
CERTIFIED DATE TIME	09/14/2021 at 11:33 AM	
INFORM LAST MODIFIED DATE	03/17/2022 at 9:29 AM	

**Created on Date Time:** The date/time that the IRWIN Incident record was created.

**Ignition:** The actual date/time that the fire began ignition. This date may be different from the fire discovery date

**Discovery:** The date and time a fire was reported as discovered or confirmed to exist. May also be the start date for reporting purposes.

**Initial Response:** The date/time of the initial response to the incident. More specifically when the Incident Commander (IC) arrives and performs the initial size up.

**Estimated Containment Date:** The estimated date a wildfire will be contained

**Containment:** The date and time a wildfire was declared contained.

**Growth Cessation:** The date and time a wildfire perimeter stopped increasing in size.

**Control:** The date and time a wildfire was declared controlled.

**Fire Declared Out:** The date and time when a fire was declared out.

**Final Strategy Attained:** The date/time the final fire strategy was accomplished on the incident.

**Modified on Date Time:** The date/time when the incident was last modified by any IRWIN read/write system.

**Certified on Date Time:** The date/time when the incident was certified in InFORM.

**InFORM Last Modified Date Time:** The date/time when the incident was last modified within InFORM.

### Site Descriptors Information

The screenshot shows a form titled "SITE DESCRIPTORS" with a red notification bubble indicating "2 Required Fields Missing". The form contains four dropdown menus:

- FUEL GROUP \*
- FUEL MODEL \* (currently set to DERIVE)
- FUEL TYPE OF CONCERN
- FUEL CLASS OF CONCERN

**Fuel Group:** The primary fuel model type that best represents fire behavior in the incident area, grouped into one of seven categories.

**Fuel Model:** This information can be derived from the POO using LANDFIRE data. Describes the type of fuels found within majority of the incident area and is editable. Click Derive to get the best fuel model.

**Fuel Type of Concern:** Additional ways to identify sub-surface combustion of peat/bays/coal seams and indications of significant resource/response requirements. Options are Ground, Surface, Aerial.

**Fuel Class of Concern:** Further classifications for the Fuel Types of Concern.

- Ground (peat, tundra, coal seam, deep duff)
- Surface (grass, shrub, timber, slash) OR (heavy fuel loading or jackpots)
- Aerial (sustained crown fire, stressed/dead foliage (drought/disease/insect), heavy ladder fuels)

## Outcomes Information

OUTCOMES	
RESPONDER INJURIES	0
RESPONDER FATALITIES	0
RESIDENCES DESTROYED	0
OTHER STRUCTURES DESTROYED	1
RESIDENCES THREATENED	1
OTHER STRUCTURES THREATENED	1

**Responder Injuries:** The total number of reportable occupational injuries and illnesses that occurred in conjunction with an incident.

**Responder Fatalities:** The total number of personnel deaths associated with an incident.

**Residences Destroyed:** The total number of residences destroyed, or damaged to an extent requiring rebuilding, as a result of a fire.

**Other Structures Destroyed:** The total number of structures, other than residences, destroyed as a result of a fire.

**Residences Threatened:** The total number of residences threatened by the fire.

**Other Structures Threatened:** The total number of structures, other than residences, threatened by a fire.

## Fire Cause Information

The 2020 Fire Cause standards have been incorporated into the system.

FIRE CAUSE ^

FIRE CAUSE \* Natural

FIRE CAUSE GENERAL \* Natural

FIRE CAUSE SPECIFIC Lightning

SPECIFIC CAUSE DETAIL

ACTIVITY / GROUP

AGE CATEGORY

CAUSE PROHIBITED?  Yes  No

CAUSE COMMENTS

CAUSE INVESTIGATED?  Yes  No

IS TRESPASS?  Yes  No

**Fire Cause:** Broad classification of the reason the fire occurred identified as human, natural or unknown. (Required)

**Fire Cause General:** Options available in the list are dependent on Fire Cause selection. Agency or circumstance which started a fire or set the stage for its occurrence; source of a fire's ignition. For statistical purposes, fire causes are further broken into specific causes. (Required)

**Fire Cause Specific:** Options available in list are dependent on Fire Cause General selection. A further categorization of each General Fire Cause to indicate more specifically the agency or circumstance which started a fire or set the stage for its occurrence; source of a fire's ignition. (Required for new data collection)

**Specific Detail:** (Optional for new data collection)

**Activity / Group:** (Optional for new data collection)

**Age Category:** For some causes, the user will not see this field. (Required for new data collection if the field is applicable to the cause.)

**Cause Prohibited?:** Enter yes or no. Identification of an activity which was unlawful or otherwise prohibited (burn ban, unpermitted, etc.) by local authorities.

**Cause Comments:** For some causes, the user will not see this field.

**Cause Investigated:** Enter yes or no. To indicate if there was an investigation into the cause of the incident.

**Is Trespass?:** Enter yes or no. Indicates if the incident is a trespass claim or if a bill will be pursued, per agency guidelines or policy.

#### Complexity & Management Information

The screenshot shows a form titled "COMPLEXITY & MANAGEMENT" with an upward-pointing arrow in the top right corner. Below the title are three dropdown menus. The first is labeled "INITIAL STRATEGY" and has a downward arrow. The second is labeled "INITIAL STRATEGY SUCCESSFUL?" and also has a downward arrow. The third is labeled "FIRE MANAGEMENT OPTION" and has "--" as its selected value.

**Initial Strategy:** This field is optional except for Forest Service incidents. Make selection from list: Full Suppression, Point Zone Protection, Confine, or Monitor. The fire strategy initially used on a wildland fire; the general plan or direction utilized until it succeeds or changes.

**Initial Strategy Successful:** Choose true or false. Indicates if the initial fire strategy for the incident was successful.

**Fire Management Option: Alaska fires only.** Fire Management Option is derived from the service AK Provides, the data will only be available for AK and the fields are only needed for AK fires. Fire Management Option has 8 Domains reading the data from IRWIN and being viewable (NOT editable) in InFORM for AK fires.

1. Limited
2. Full
3. Unplanned
4. Critical
5. Modified (Jul 10)
6. Modified (Aug 10)
7. Modified (Aug 20)
8. Modified (Sept 30)

## Miscellaneous Information

MISCELLANEOUS		^
IN FUELS TREATMENT?	--	
NON FEDERAL FINANCIAL CODE	--	
REPORT NARRATIVE	--	
CREATED BY SYSTEM	wildcade	
INFORM USER NAME	--	

**In Fuels Treatment?:** If any part of the fire interacts with a completed fuels treatment, select True from the drop down list, if not, select False. Used for reporting in the Fuels Treatment Effectiveness Monitoring (FTEM) program.

**Non Federal Financial Code:** Up to 11 characters, alpha, numeric and hyphens combination to record financial code other than federal

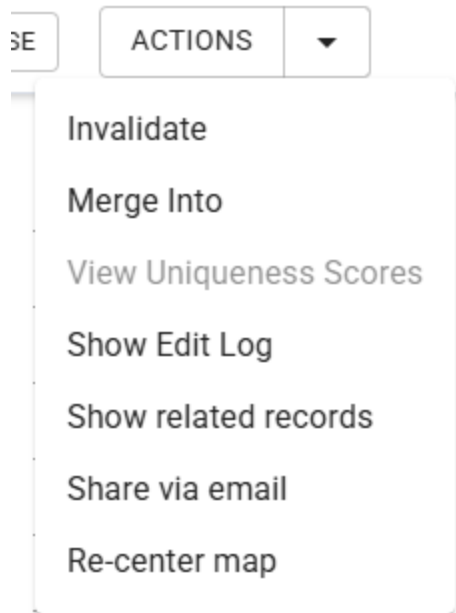
**Report Narrative:** Enter up to 4000 characters. A summary of the comments in narrative form as entered on the final fire report to describe important aspects of the incident.

**Created by System:** E.G Derived from IRWIN.

**InFORM User Name:** The NIFC ORG username of the last InFORM user to edit the record.

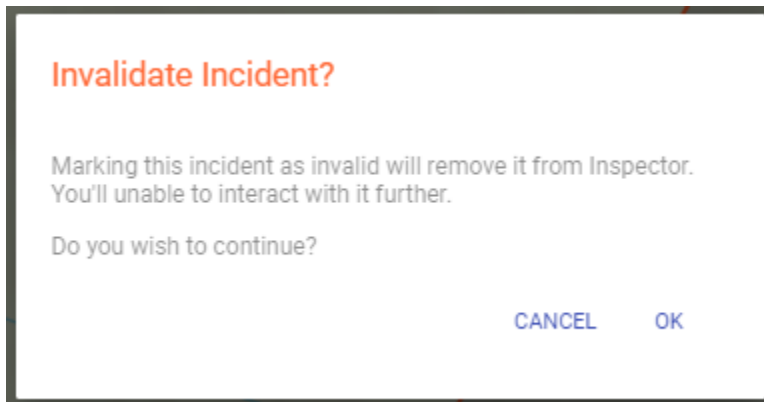
### [Inspector Actions](#)

At the top of the center incidents column is the Actions menu. Options include Invalidate, Merge Into, View Uniqueness Scores, Show Edit Log, Show related records, Share Via Email, and Re-Center Map.



### Invalidate

In Inspector, you can choose to Invalidate a record for an incident. Invalidating an incident removes it from Inspector and this action cannot be undone. Click OK to Invalidate the incident and remove it, or click Cancel to return to the Incident Details window. If an incident is invalidated incorrectly, an Admin user can re-validate the incident on the Show Edit Log under Actions menu.



### Merge Into

Inspector allows users to indicate if a fire merged into another fire. To indicate that a fire merged, click Merge Into, then enter the parent record's unique fire identifier and click Search.

The Merge Incident window appears:

## Merge Incident

Parent record Unique Fire Identifier:

SEARCH

### Parent Details

Incident Name: Dom's Irwin-490 Test  
Unique Fire Identifier: 2022-CASHF-9194340299  
Fire Discovery Date: 01/18/2022 12:30 PM  
Incident Size: 1

### Merge Info

Fire Discovery Date: 01/13/2022 1:00 AM

Date of merge occurrence:



Merge Comments:

CANCEL MERGE

Enter the date the merge occurred and any merge notes, then click Merge.

Associate a Prescribed Escape

If a Prescribed Fire escapes and becomes a wildfire, users can indicate that in Inspector.

Choose Associate a Prescribed Escape.

## Associate a Prescribed Escape

Wildfire Unique Fire Identifier

ASSOCIATE WILDFIRE AS PRESCRIBED ESCAPE CLOSE

Enter the unique fire identifier for the wildfire, then click Associate Wildfire As Prescribed Escape.

### View Uniqueness Scores

The screenshot shows the 'INC #2' record page in the InFORM Inspector. At the top right, there is a notification: '1 Required Fields Missing'. Below this are buttons for 'REPORT', 'EDIT', 'CLOSE', and 'ACTIONS'. A dropdown menu is open under 'ACTIONS', showing a comparison table:

Comparison	Score	Action
INC #1	0.35	<a href="#">SPLICE</a>

Below the comparison table, the main record details are visible, including 'LAST MODIFIED: 01/04/2022 AT 3:29 PM (CFCAD)' and a table with columns 'NAME' and 'INC #2'.

When FODR records are created in InFORM FR, the system calculates a uniqueness score for that record. The possible score is from 0-1, and FODRs with a score of 0.4 and below are flagged and displayed by InFORM Inspector as a potential duplicate FODR.

InFORM Inspector considers the following factors in calculating the uniqueness score:

1. Location
2. Discovery Date
3. Incident Size
4. Incident Name
5. Created by system
6. Cause

If InFORM Inspector detects a uniqueness score of 0.4 or below, the system will flag and display the potentially duplicate records. Users can then manage the relationship of those FODRs. Users can still Invalidate records as described above if they are truly not valid, or a user can relate the records together, or Splice them. Splicing records designates a Root FODR record by Splicing one or more FODRs together.

Choose a record to make the Primary record, then optionally select the data elements from either record that are correct, then click Splice Occurrence Records. The FODR whose Incident Name is selected is updated with the changes selected. The other FODR(s) can still be viewed as Related Records by clicking Show Related Records under Actions.

## Splice Fire Occurrence Records

Incident Name	Gowan RD @ Spikes RD	Gowen Road
FOR ID	{7156F4E0-A0A4-4377-A1B8-A49F39A467B7}	{BEEB8F84-34A8-43D9-8DB9-3BFE99A8D88E}
	<a href="#">MAKE PRIMARY</a>	<a href="#">MAKE PRIMARY</a>
CreatedOnDateTime	<input type="radio"/> 06/15/2022 at 8:07 AM	<input type="radio"/> 06/15/2022 at 8:08 AM
IncidentSize	<input type="radio"/> 300	<input type="radio"/> 75
FireCauseGeneralID	<input type="radio"/> 4	<input type="radio"/> 7
FireCauseSpecificID	<input type="radio"/>	<input type="radio"/> 46
FireDiscoveryDateTime	<input type="radio"/> 11/07/2021 at 5:50 AM	<input type="radio"/> 11/07/2021 at 6:16 AM
FORID	<input type="radio"/> {7156F4E0-A0A4-4377-A1B8-A49F39A467B7}	<input type="radio"/> {BEEB8F84-34A8-43D9-8DB9-3BFE99A8D88E}
IncidentName	<input type="radio"/> Gowan RD @ Spikes RD	<input type="radio"/> Gowen Road
InitialLatitude	<input type="radio"/> 33.622796	<input type="radio"/> 33.621352

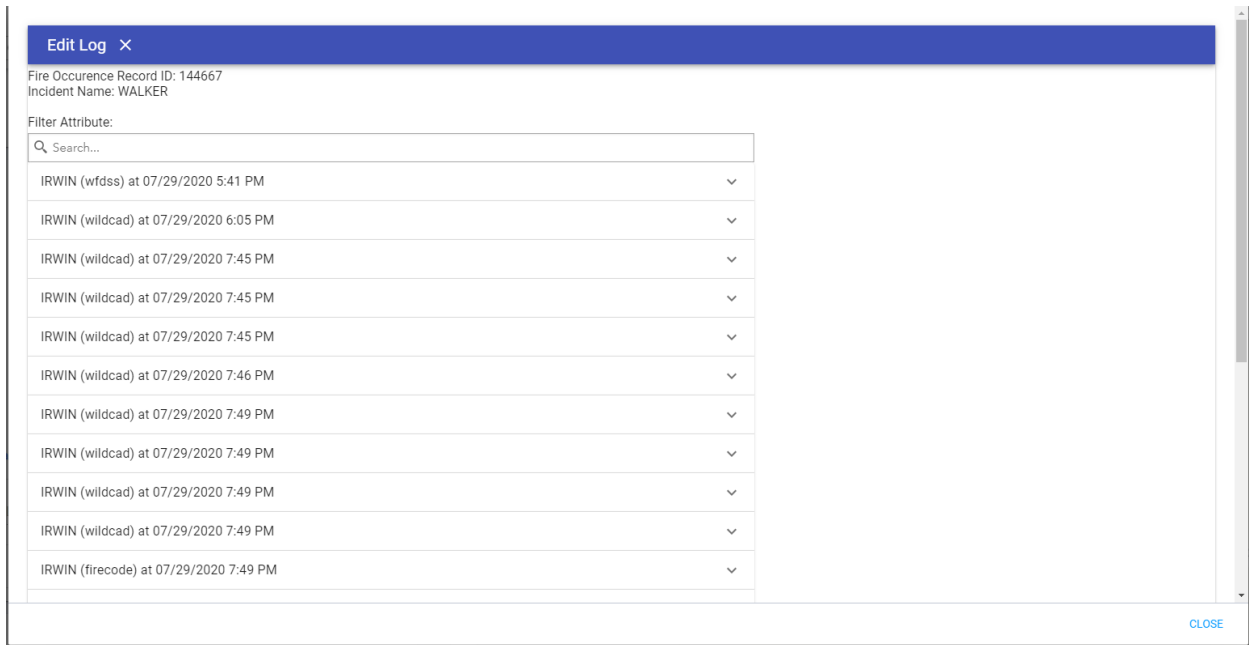
### Unsplicing Records

A record that is spliced may need to be un-spliced into unique records. Unsplicing records reverts all related records to unique records and is like a “factory reset” to the current values in the related records tab. This will undo any edits made to the spliced record and that is desirable.

To unsplice records, choose "De-splice" option in the Actions menu. When selected, users see a warning telling alert that if you desplice, everything will get reset from the original sources and any edits will be lost.

### Show Edit Log

Changes to Record data from IRWIN connected systems and Inspector are displayed. A search bar allows users to search on specific data.



### Show Related Records

Choose this option to display the root records that are related to each other.

### Share via Email

Choose this option to send a summary of the incident by email.

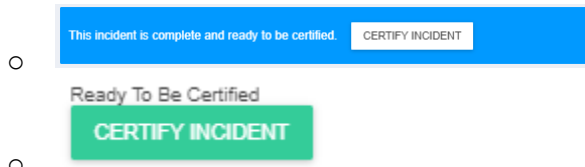
### Re-Center Map

Selecting this option will re-center the map to display the incident perimeter if the user has moved away from the incident on the map.

### Certifying Final Fire Report

Once all the required information has been entered for an incident, users can certify the incident.

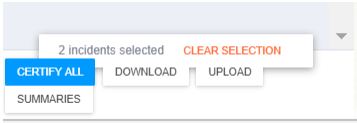
- Only users with the Certifier role can certify incidents
- Certifiers can decertify an incident if there is incorrect information, as described below.
- When ready to certify an incident, click Certify Incident.
- Once an incident is certified in Inspector, no one is able to edit this incident unless it is decertified in Inspector.



- Incidents that are ready to certify display with blue boxes

<input checked="" type="checkbox"/>	Incident Name Barn Bluff	Fire Size 5	Discovery 12/16/20'
	ID 2019-MNMS-012345	FireCode ---	Fire Out ---
<input checked="" type="checkbox"/>	Incident Name 2019906202	Fire Size 0.5	Discovery 02/16/20'
	ID 2019-MNMS-2019906202	FireCode ---	Fire Out ---

- **Note: The Certify All option has been disabled in Inspector.**



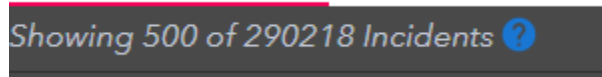
- When you click Certify, an alert appears saying that by clicking Certify, the equivalent of an electronic-signature is entered for the certifier, eliminating the requirement for some agencies for a wet signature on a final fire report.

## Using the Map

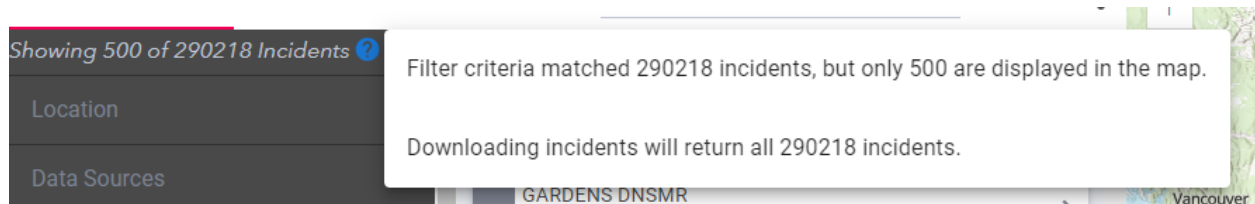
Users can interact with the map function in Inspector in several ways, as outlined below.

### Incidents Displayed

Depending on the number of incidents that are included in a particular query, Inspector may limit the number of incidents returned. This is done for map loading speed as well as visual noise. You may see a note similar to the below:



If you click the question mark next to the alert, you can see more information about the limited incidents displayed:



While the incidents on the map display are limited, all incidents will be included in a download file.

### Drawing an Area to Display Incidents

To narrow the results by selecting a more specific area, follow these steps to use the Polygon Tool:

1. Expand the Location option.
2. Click the four-sided polygon graphic to the right of Select On Map.
3. Click on the map to draw the boundary of the selection.
4. Double-click on the last point to close the polygon.
5. The screen refreshes automatically, refreshing the incident list to only include incidents within the selected area.

Click the four-sided polygon graphic to the right of Select On Map again to exit the boundary drawing mode without completing the boundary.

### Pause Incident Drawing

Sometimes when using InFORM inspector a user wants to navigate the map without needing to view the incidents right away and initiate a new query for the new map extent every time the map is moved. For example, a user might want to view VIIRS heat detects in a certain location or even a large extent such as a GACC or region. Once the area of interest is found and users want to investigate the fire records in the area the user would turn on the incident querying/drawing initiated by moving the map. This might also help limit the number of queries that happening in the background.

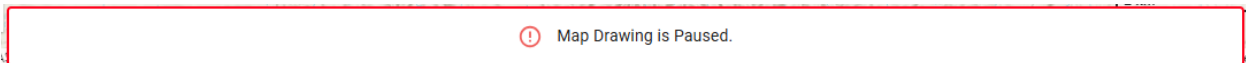
To Pause Incident Drawing, click the Pause icon.



The Pause icon changes to indicate map drawing is paused.



And a message appears at the bottom of the screen:

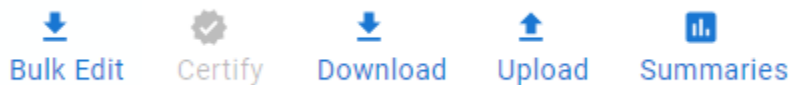


To resume drawing, click the Play button.

### Bulk Editing Incidents

Once you have narrowed the incident list to the desired incidents, admin users are able to bulk edit field data that will affect all incidents in the list.

1. Click Bulk Edit in the list header.



The following window displays:

Select the attribute you'd like to update and the new value to be assigned.

**NOTE:** Changes will be applied to all 1000 incidents currently defined by your filter parameters, not just the ones in the visible map extent.

Select Field... ▾

BULK UPDATE RECORDS
CLOSE

2. Select the field you want to edit, then enter the desired value, and click Bulk Update Records.  
The entered value changes the original value in all selected records.
3. To exit without making changes, click Close.

### Editing Origin

To edit the origin on an incident:

1. Open the Incident Details screen (either by clicking on the incident on the map, clicking the ... button, then selecting View Incident Details, OR by clicking the single right arrow to the right of an incident in the incident list)
2. Click the Edit button to the right of the incident name. Edit Origin and Edit Perimeter options display at the top of the incident map.
3. Click Edit Origin.
4. Make the necessary edits and then click the checkmark to save the change. Clicking the X will cancel the change.

### Viewing and Editing Perimeters

To edit the perimeters on an incident:

1. Open the Incident Details screen (either by clicking on the incident on the map, clicking the ... button, then selecting View Incident Details, OR by clicking the single right arrow to the right of an incident in the incident list)
2. Click the Edit button to the right of the incident name. Edit Origin and Edit Perimeter options display at the top of the incident map.
3. Click Edit Perimeter.
4. Click and drag any point on the perimeter line to edit the perimeter lines.
5. Make the necessary edits and then click the checkmark to save the change. Clicking the X will cancel the change. Clicking the trash can will clear the perimeter of the incident.

### Uploading a Perimeter

InFORM allows users to upload a perimeter for an incident. These shapes may include fire perimeters collected by GPS units or drawn in a GIS. You can upload shapes by using the upload button available on the map. All shapes loaded into InFORM Inspector require a projection file. If you upload a shape with a different projection, InFORM Inspector will automatically re-project it.

Before uploading a shape, verify the following:

- The files associated with the shape are current, correct, and belong with the incident
- The shapefile is in a zipped format
- If multiple shapes exist in the shape ZIP file, they must be dissolved into one
- Only a single feature may be included in the file
- Multi-part polygons are acceptable. (Note: Users will not be able to edit vertices in a multi-part polygon in InFORM Inspector)
- The shape ZIP file must contain one shapefile with the following file extensions:
  - .DBF
  - .PRJ (required)
  - .SBN (optional)
  - .SBX (optional)
  - .SHP
  - .SHP.XML
  - .SHX
- The files contained within the ZIP file are at the same directory level (Note: Users can't have a folder inside the ZIP file, or the shape will not upload correctly)
- Only the First Valid Record in the Shape file will be uploaded

To upload a perimeter, do the following:

1. Select the incident and click "Edit" Button.
2. Click "Create Perimeter."



3. Click the upload button.



4. Select your .zip archive and click “Open.” (Note: If the Perimeter is invalid an error code will appear.)
5. The Perimeter will appear, and this will enable the “Confirm Perimeter Check.”



6. Then click “Save Changes” to your incident. (Note: Currently, uploaded perimeters are generalized to reduce the number of spikes.)

### Zooming In and Out

Users can zoom in by clicking the button with the plus sign in the upper left corner of the map. Users can zoom out by clicking the button with the minus sign in the upper left corner of the map. Alternatively, users can use the scroll bar on their mouse to zoom in and out if it is equipped with one.

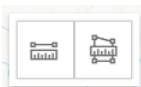
### Showing Terrain

Users can toggle between the different basemaps, the bottom layer of the map.

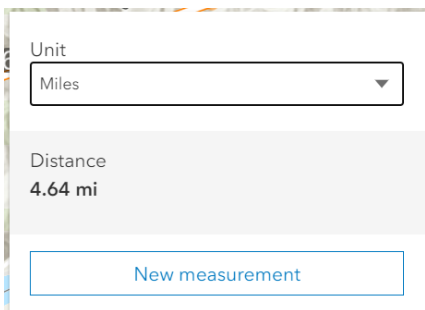
To switch between the basemaps, users can click on the boxes in the lower right-hand corner of the map. Users can use the satellite image view, topographic view, or the street map view. The street map view labels the street names and only shows a little bit of topographical detail. The satellite image view shows all of the topographical details.

### Measuring Distances and Area


Users can use the widgets on the screen to measure the distance between two points or measure the area.



A dialog appears where users can select options for widget, such as unit of measure.



### Displaying Layers

Users can add available layers to the map by clicking the  symbol and choosing the desired layer.

### Searching for a Specific Location

Users can use the search bar in the upper right-hand corner of the map to search for a specific location.

1. Click into the search box and begin typing an address.

2. Click an option that shows up in the list below the box.
3. The map will automatically center to the address.

### Adding User Layers to Map

An option on the Layers widget allows users to add and see layers of their choosing. Click the gear icon next to the User Layers option



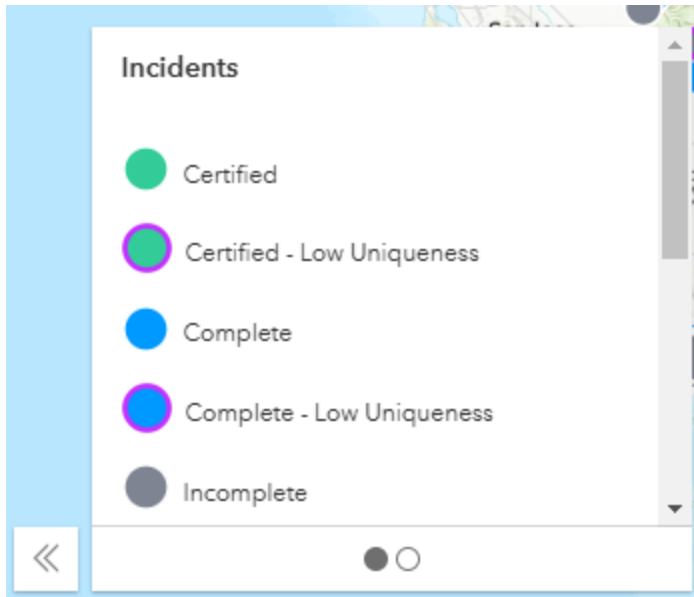
The following window appears:

A dialog box titled "Add Layer" with a white background and a thin border. It contains four input fields: "Layer Title:" with a text input line, "Layer URL:" with a text input line, "Show Layer by default:" with a checkbox, and "Enable popups:" with a checkbox. At the bottom right, there are two buttons: "ADD LAYER" in blue text and "CLOSE" in grey text.

Enter the information about your layers then click Add Layer to add it to your map view.

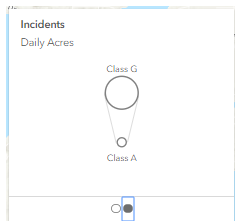
### Using the Legend

Users can expand the legend by clicking the square white button with three horizontal lines on the lower left corner of the map.



The dot on the left displays the legend for the color coding of incidents. Use the scroll bar to see all the possible shapes and colors and what they mean.

Clicking the dot on the right displays a graphic about Daily Acres. This graphic illustrates that the size of the dot on the map correlates with the Daily Acres, with the smallest dot being a Class A incident, and the largest being a Class G incident.



Users can click the double arrow pointing to the left to collapse the legend window.



### Seeing More Map Area

Users can click the single arrow pointing left to the left of Sort by: at the top of the incident list. This enables the user to see a larger map area.

### Importing and Exporting Incident Data

#### Upload .csv

The National Association of State Foresters (NASF) has the following guidance for Fire Occurrence Data CSV File Submission.

Once submitted, this data is available for querying and spatial analysis through the NIFC Open-data Site at <https://data-nifc.opendata.arcgis.com/>

*Submission Frequency:*

Files may be submitted as often as the state would like. Submissions are processed as they are uploaded. Annual deadline for the previous year submissions is January 31<sup>st</sup>.

*Submission Location:*

Files shall be submitted to the following location: <https://inform.firenet.gov/inspector>

*File Name Specifications:*

The name of the file submitted shall be in the following format:

**XX\_MMDDYYYY\_statefireocc.csv**

where the XX is the state’s abbreviation and MMDDYYYY is the date the file was created. The date in the file name will be used ensure the difference between records that have been uploaded to the site.

*File Content Specifications*

CSV Header Name (* Required)	Data Type, Length	Format Specs	Description	Standard
*LocalIncidentID	Char, 40 A-Z, 0-9	Maximum 10 Minimum 6 with leading zeros for minimum.	A number or code that uniquely identifies an incident for a particular local fire management organization within a particular calendar year. Does not include state identifier, UNIT ID, or year, unless generated by CAD (example: 2105999 or YYMMXXXXXX).	NWCG
*FireDiscoveryDate	Date	mm/dd/yyyy	The date the fire was confirmed to exist or was reported as discovered.	NWCG
IncidentName	Char, 50	At least 2 characters in length.	The specific name assigned to the fire.	NWCG
FireDiscoveryTime	Char, 4	military time (0000-2400)	The time of the fire discovery date or confirmation.	NWCG

CSV Header Name (* Required)	Data Type, Length	Format Specs	Description	Standard
FireContainmentDate	Date	mm/dd/yyyy (1900 to current date)	The date the wildfire was declared contained. Containment is defined as status of a wildfire suppression action signifying that a control line has been completed around the fire, and any associated spot fires, which can reasonably be expected to stop the fire.	NWCG
FireContainmentTime	Char, 4	military time (0000-2400)	The time that a control line (that can reasonably be expected to stop the fire's spread) has been completed around the fire.	NWCG
*FireReportingAgencyUnitIdentifier	Char, 6	SSXXXX where SS is State Code and XXXX is NWCG UNIT ID. Example WASES – Washington Department of Natural Resources, Southeast Region	The unit identifier for the agency preparing the fire report. This is the unit id valid at the time the fire report was filed. This field must end in an "S" and is the identifier of the state agency performing the reporting submission.	NWCG
*State	Char, 2	State 2-letter abbreviation.	The 2-letter abbreviation of the state where the point of origin of the fire occurred.	NWCG
StateFIPS	Char, 2	Zero fill	The state FIPS code of the state where the point of origin of the fire occurred.	NWCG
County	Char, 50		The name of the county where the point of origin of the fire occurred.	NWCG
CountyFIPS	Char, 2	Zero fill	The county FIPS code of the state where the point of origin of the fire occurred.	NWCG
FDID	Number, Max 7 digits	Zero fill	The Fire Department Identifier as assigned by the State Fire Agency to meet <a href="#">US Fire Administration Guidelines</a> .	NWCG

CSV Header Name (* Required)	Data Type, Length	Format Specs	Description	Standard												
District	Char, 40		The state agency fire district where the where the point of origin of the fire occurred													
*Latitude	Number	Decimal degree format (i.e. 30.1234)	The latitude location of the fire's origin point specified in decimal degrees. Should be in Datum NAD83; contact NASF Project Manager for help converting.	NWCG												
*Longitude	Number	Decimal degree format (ex -117.3231)	The longitude location of the fire's origin point specified in decimal degrees. Longitudes in the western hemisphere <b>must be negative</b> . Should be in Datum NAD83; contact NASF Project Manager for help converting.	NWCG												
*StatisticalCauseCode	Char, 2	1 through 12	The code that best describes the actual fire cause.	NONE												
DO NOT SUBMIT DESCRIPTION		Old Format  1 = Lightning 2 = Equipment Use 3 = Smoking 4 = Campfire 5 = Debris Burning 6 = Railroad 7 = Arson 8 = Children 9 = Miscellaneous 10= Fireworks 11= Power line 12= Structure	New General Cause Std: (2 new at bottom) <table border="1"> <tr><td>1 - Natural</td></tr> <tr><td>2 - Equipment and vehicle use</td></tr> <tr><td>3 - Smoking</td></tr> <tr><td>4 - Recreation and ceremony</td></tr> <tr><td>5 - Debris and open burning</td></tr> <tr><td>6 - Railroad operations and maintenance</td></tr> <tr><td>7 - Arson</td></tr> <tr><td>8 - Misuse of fire by a minor</td></tr> <tr><td>9 - Other causes</td></tr> <tr><td>10 - Fireworks</td></tr> <tr><td>11 - Power generation/transmission/distribution</td></tr> <tr><td>12 - Structure (Do not use. Please use Other causes)</td></tr> </table>	1 - Natural	2 - Equipment and vehicle use	3 - Smoking	4 - Recreation and ceremony	5 - Debris and open burning	6 - Railroad operations and maintenance	7 - Arson	8 - Misuse of fire by a minor	9 - Other causes	10 - Fireworks	11 - Power generation/transmission/distribution	12 - Structure (Do not use. Please use Other causes)	
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CSV Header Name (* Required)	Data Type, Length	Format Specs	Description	Standard
			13 - Firearms and explosive use 14 - Undetermined (Human or Natural)	
OwnershipCode	Char, 1	F, S, C, M, P, O, I	The code that describes the owner of the land at the point of origin of the fire.	NWCG
DO NOT SUBMIT DESCRIPTION		F= Federal, S= State, C=County, M=City/Municipality, P=Private, O=Other, I= Industrial		NWCG
ResidencesThreatened	Number		The total number of residences threatened by the fire. Residence is defined as a place where one lives; a house, apartment, or other shelter used as the residence of a person, family or household. This includes primary and secondary residences.	NWCG
ResidencesDestroyed	Number		The total number of residences destroyed, or damaged to an extent requiring rebuilding, as a result of the fire. Residence is defined as a place where one lives; a house, apartment, or other shelter used as the residence of a person, family or household.	NWCG
OtherStructuresThreatened	Number		The total number of structures, other than residences, threatened by the fire. Other structure is defined as a constructed building not designed for continuous human occupancy, such as barns, commercial buildings, etc.	NWCG

CSV Header Name (* Required)	Data Type, Length	Format Specs	Description	Standard
OtherStructuresDestroyed	Number		The total number of structures, other than residences, destroyed as a result of the fire. Other structure is defined as a constructed building not designed for continuous human occupancy, such as barns, commercial buildings, etc...	NWCG
NumberInjuries	Number		Total number of reportable occupational injuries and illnesses, which resulted in lost work days that occurred in conjunction with an incident. Also includes cases without lost work days which result in transfer to another job, termination of employment,	NWCG
NumberFatalities	Number		The total number of deaths, connected with the performance of work duties that occurred in conjunction with an incident.	NWCG
*FinalFireAcreQuantity	Number	Equal to or greater than 0.01	Number of acres within the final fire perimeter of a specific, individual incident, including unburned and unburnable islands. This number will be used to calculate the fire size class.	NWCG
DeleteFlag	Char, 1	Y or N	Y indicates the record should be removed from the existing data. N or Null indicates the record should be appended to or updated in the existing data.	

*Data Processing Rules for Bulk State Uploads*

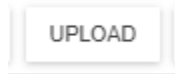
1. If a file contains a value in a non-required field that is not in the list of valid values, then the value will prevent the record being uploaded. For example if a Statistical Cause Code is

submitted with the value of 19, then the record will have an error since it is not in the range of valid values of 1 – 14.

2. If a file contains a required value in a field that is not in the range, missing or in the list of valid values, then the entire record will be rejected. For example, if the State is not a valid 2 letter identifier for a state or the LocalIncidentID is missing, then the entire record will be rejected.
3. The fire year cannot be less than 1950 or a year in the future.
4. The total acres burned must be greater than zero.
5. Each field has a size specification according to the specifications in this document. Those defaults are used to parse out anything longer.
6. The records submitted in a given file will be processed to append or delete the existing records that have previously been submitted to the warehouse. The records will be processed using a Fire Id which is a unique record identifier based on the Fire Year, Fire Reporting Agency Unit Identifier, and Local Incident ID.
  - a. If the Fire ID matches a record already in the warehouse, that record will not be replaced by the new record submitted (if the delete flag is set to N or null). The “splicing” process will be used to rectify the records (see user manual).
  - b. If the Fire ID is not found in the warehouse, that record will be added to the dataset already in the system (if the delete flag is set to N or Null).
  - c. If the record submitted has the Delete Flag set to Y, then the record in the system with a matching Fire ID will be removed from the system.

Inspector allows users to upload incident data into the database. The primary use case for this function is for state users who use a fire reporting system that does not integrate with IRWIN, but need to have their incidents recorded in InFORM Inspector. To upload your incidents into InFORM Inspector,

1. After you have ensured your data is correct and created a comma separated file (.csv), click Upload in the bottom-center of the window.



- a.
2. Choose the .csv file that contains the incidents you want to upload and click OK.
  - a. Do not close your browser if you want a results file returned.
  - b. Upon successful upload, a results file will automatically download showing success (true) or failure (false) in Column A: Success
3. If there are record failures, they will appear in Column B: Error Message. Errors may include:
  - a. No location data
  - b. Duplicate incident number
  - c. Empty values for required items. (Additional carriage returns will show as errors and may be ignored once verified as the cause.)
  - d. Etc.

4. For the records in error, copy them to a new spreadsheet.
5. Correct the errors and save as a new .csv file.
6. Upload the new .csv file by following step 2 above.
  - a. If the same file is reuploaded with corrections to errors, previously successful records will show are errors as duplicates. These errors can be ignored.

### Export .csv

Inspector allows users to download/export selected incident’s data in a .csv format. The current limitation on the download function is 1000 records.

1. Use the map and filters to identify the incidents you want to download.
2. Click Download



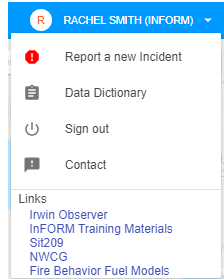
- a.
3. Inspector creates the .csv file named IncidentData.csv and saves to your drive.

### Creating a new Incident

Inspector allows users to create a new incident within the system. This function should not be used by users who have another means of creating an incident, such as a CAD system.

To create a new incident,

1. Click your name in the upper-right corner of the window, then select Report a New Incident.



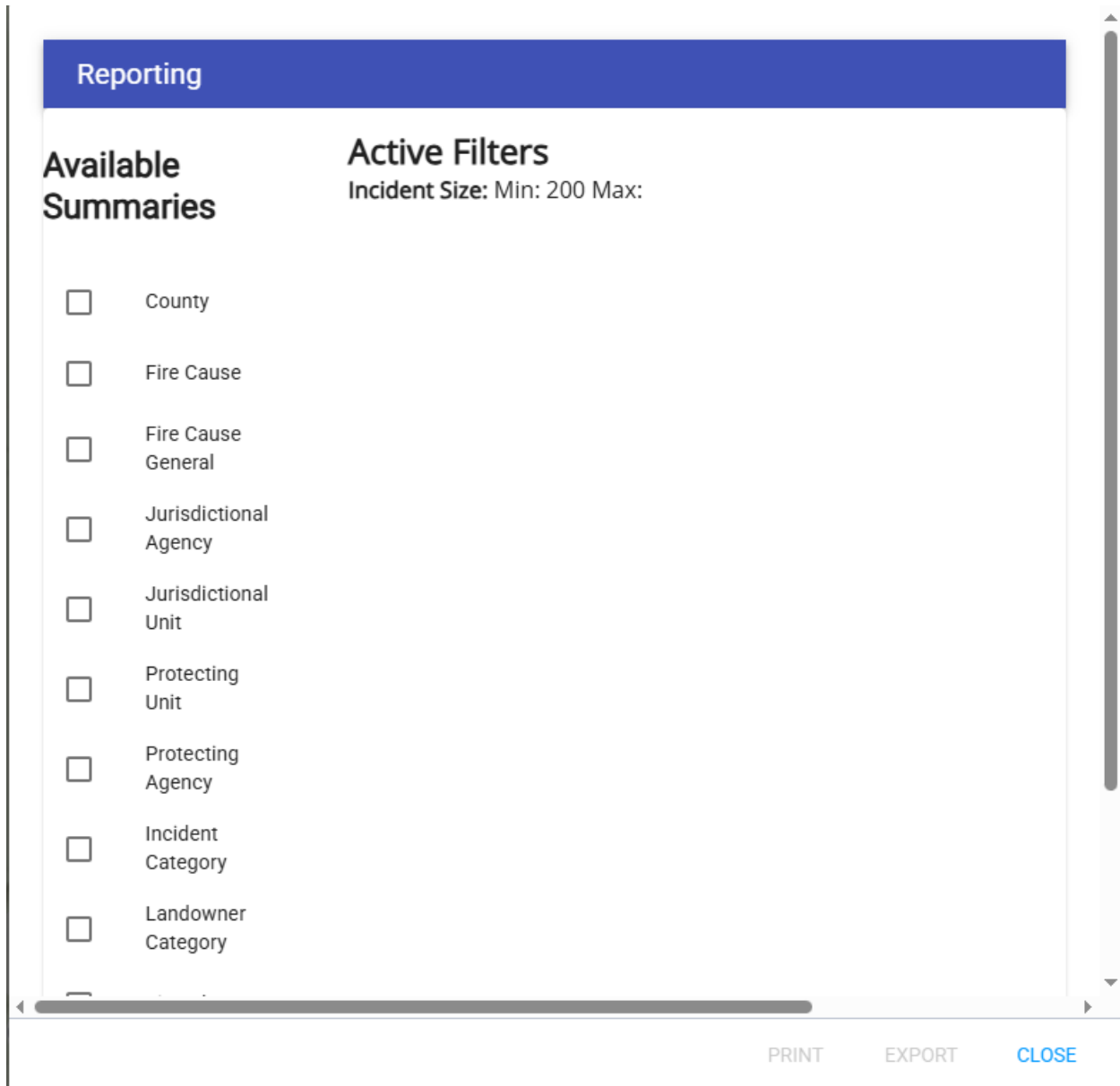
- a.
- b. A pop-up form appears where you can enter information about your incident.

2. Enter incident information in the form.
  - a. Latitude – You can enter a value, or click on the map to auto-populate the Latitude. You can choose Decimal Degrees (default), Degrees Decimal Minutes, or Degrees Minutes Seconds for the format.
  - b. Longitude - You can enter a value, or click on the map to auto-populate the Longitude. You can choose Decimal Degrees (default), Degrees Decimal Minutes, or Degrees Minutes Seconds for the format.
  - c. Incident Name – Enter the name assigned to an incident.
  - d. Local Incident Identifier – Enter a number or code that uniquely identifies an incident for a local fire management organization within a particular calendar year.
  - e. Request FireCode - Users can also request a FireCode from this grouping if needed by selecting Yes. Users might need to refresh the incident by closing and reopening to see the change.
  - f. Is FS Assisted - choose from options Yes or No to indicate if the Forest Service provided assistance on an incident outside their jurisdiction
  - g. Fire Discovery Date/Time - Enter a date and time from the calendar date picker and time picker.
  - h. Category – Defaults to Wildfire, but can be edited.
  - i. Fire Size – Enter a value for fire size acres.
  - j. Protecting Unit- National Wildfire Coordinating Group (NWCG) Unit responsible for providing direct incident management and services to an incident pursuant to its jurisdictional responsibility or as specified by law, contract or agreement. Definition Extension: Protection can be re-assigned by agreement; the nature and extent of the incident determines protection (e.g. Wildfire vs. All Hazard.)
3. Click Add Incident to initiate the incident in Inspector and IRWIN, or click Cancel to exit the window.

## Reporting

### Summaries

Inspector has some built in summary reports users can view, print, or export as a .csv. The window displays the active filters that will be applied to the summaries



To create summary reports,

1. Use the map and filters to identify the incidents you want to create summaries for.
2. Click Summaries in the bottom-center of the window.

**SUMMARIES**

- a.
  3. Select one or more available reporting options by checking the desired boxes.
  4. Click Create Summaries.

For each summary type you selected, a pie chart will appear for the incidents.

5. Click Print to print the pie charts as a .pdf, click Export to export the data as an Excel spreadsheet file, or click Close to close the summaries window.

## InFORM Data Dictionary

The list below is a comprehensive list of data elements in InFORM Inspector.

- The first column is the element name as it appears in Inspector
- The second column is the element name as it appears in the Inspector DB
- The third column is the corresponding IRWIN data element name, if it is included in IRWIN
- The fourth column is the element name as it appears in the .csv download
- The fifth column is the definition of the data element
- The sixth column is the data type of the element
- The seventh column is the user interface grouping the element is in Inspector
- The eighth column is the source of the data
- The ninth column is the name as it appears in the map tile
- The tenth column is the name as it appears in the Basic Filters
- The eleventh column is the name as it appears in the Custom Filters.

An asterisk (\*) next to a field name means it is required for Federal agency reporting (Tier 1). Two asterisks (\*\*) indicates that it is required for Forest Service incidents. A capital S in parentheses (S) next to a field name means it is required for State reporting (Tier 2).

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>(S)Incident Category</b>	IncidentType Category	Incident TypeCategory	IncidentTypeCategory	The Event Category is a sub-group of the Event Kind code and description. The Event Category further breaks down the Event Kind into more specific event categories.	domain	Incident	IRWIN	NA	Incident Category	Incident Category
<b>*(S)County</b>	POOCounty	POOCou nty	POOCounty	The County Name identifying the county or equivalent entity at point of origin designated at the time of collection.	varchar(100)	Point of Origin	IRWIN	NA	NA	County
<b>*(S)Discovery</b>	FireDiscover yDateTime	FireDisco verydate time	FireDiscoveryDate Time	The date and time a fire was reported as discovered or confirmed to exist. May also be the start date for reporting purposes.	datetime	Chronolog y/Header	IRWIN	Disco very	Fire Discove ry Date	Fire Discover y Date
<b>*(S)Fire Cause</b>	FireCause	FireCaus e	FireCause	Broad classification of the reason the fire occurred identified as human, natural or unknown.	varchar(15)	Fire Cause	IRWIN	NA	Fire Cause	Fire Cause
<b>*(S)Fire Cause General</b>	FireCauseGe neral	FireCaus eGeneral	FireCauseGeneral	Agency or circumstance which started a fire or set the stage for its occurrence; source of a fire's ignition. For statistical purposes, fire causes are further broken into specific causes.	domain	Fire Cause	IRWIN	NA	NA	Fire Cause General
<b>*(S)Geograph ic Area Coordination Center Code</b>	GACC	GACC	GACC	A code that identifies one of the wildland fire geographic area coordination centers. A geographic area coordination center is a facility that is used for the coordination of agency or jurisdictional resources in support of one or more incidents within a geographic coordination area	varchar(50)	Point of Origin	IRWIN	NA	GACC	Geograp hic Area Coordina tion Center Code

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>*(S)Incident Name</b>	IncidentName	Incident Name	IncidentName	The name assigned to an incident.	varchar(50)	Incident/Header		Incident Name	NA	Incident Name
<b>*(S)Incident Size (ac)</b>	IncidentSize	IncidentSize	IncidentSize	A measure of acres reported for a fire. How large the incident is, measured in acres. This number can change over the life of the incident.	double	Size	IRWIN	Fire Size	Incident Size	Incident Size
<b>*(S)Incident Type</b>	IncidentTypeKind	IncidentTypeKind	IncidentTypeKind	A general, high-level code and description of the types of incidents and planned events to which the interagency wildland fire community responds.	domain	Incident	IRWIN	NA	NA	Incident Type Kind
<b>*(S)Irwin ID</b>	IrwinID	IrwinID		Unique identifier assigned to each incident record in IRWIN.	guid	Incident	IRWIN	NA	NA	NA
<b>*(S)Landowner Category</b>	POOLandownerCategory	POOLandownerCategory	POOLandownerCategory	More specific classification of land ownership within land owner kinds identifying the owner at the point of origin at the time of the incident. Owner in the context of this data element refers to the agency or entity having the land management responsibility at the point of origin. In the Perimeter section, Inspector displays the Acres by Landowner Kind and Category. If the incident crosses Landowners, Inspector will calculate the acres for each Landowner that is within the perimeter.	domain	Point of Origin/Perimeter	IRWIN	NA	Landowner Category	Landowner Category

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>*(S)Local Incident Identifier</b>	LocalIncidentIdentifier	LocalIncidentIdentifier	LocalIncidentIdentifier	A number or code that uniquely identifies an incident for a particular local fire management organization within a particular calendar year.	varchar(10)	Incident	IRWIN	NA	NA	Local Incident Identifier
<b>*(S)Protecting Unit</b>	POOProtectingUnit	POOProtectingUnit	POOProtectingUnit	NWCG Unit responsible for providing direct incident management and services to an incident pursuant to its jurisdictional responsibility or as specified by law, contract or agreement. Definition Extension: - Protection can be re-assigned by agreement. - The nature and extent of the incident determines protection (for example Wildfire vs. All Hazard.)	varchar(6)	Point of Origin	IRWIN	NA	Protecting Unit	Protecting Unit
<b>*(S)State</b>	POOState	POOState	POOState	The State alpha code identifying the state or equivalent entity at point of origin.	varchar(6)	Point of Origin	IRWIN	NA	State	State
<b>*(S)Unique Fire Identifier</b>	UniqueFireIdentifier	UniqueFireIdentifier	UniqueFireIdentifier	Unique identifier assigned to each wildland fire. yyyy = calendar year, SSUUUU = POO protecting unit identifier (5 or 6 characters), xxxxxx = local incident identifier (6 to 10 characters)	varchar(22)	Incident/Header	IRWIN	ID	NA	Unique Fire Identifier
<b>**ABCD Misc</b>	ABCDMisc	ABCDMisc	ABCDMisc	A FireCode used by USDA FS to track and compile cost information for emergency initial attack fire suppression expenditures. for A, B, C & D size class fires on FS lands. (this field is required if the incident is	varchar(4)	Incident	IRWIN	NA	NA	ABCD Misc

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
				Forest Service and does not have a Firecode)						
<b>*Fire Declared Out</b>	FireOutDate Time	FireOutDate Time	FireOutDate Time	The date and time when a fire is declared out.	datetime	Chronology	IRWIN	Fire Out	Fire Out Date	Fire Out Date
<b>*Firecode</b>	FireCode	FireCode	FireCode	A code used within the interagency wildland fire community to track and compile cost information for emergency fire suppression expenditures for the incident.	varchar(4)	Incident	IRWIN	FireCode	NA	Fire Code
<b>*FORID</b>	FORID	NA	FORID	Unique identifier assigned to each incident that is converted to a FODR in InFORM	NA	Incident	InFORM	NA	NA	FOR ID
<b>*Fuel Group</b>	PredominantFuelGroup	PredominantFuelGroup	PredominantFuelGroup	The fuel majority fuel model type that best represents fire behavior in the incident area, grouped into one of seven categories.	domain	Site Descriptors	IRWIN	NA	NA	Predominant Fuel Group
<b>*Fuel Model</b>	PredominantFuelModel	PredominantFuelModel	PredominantFuelModel	Describes the type of fuels found within the majority of the incident area.	domain	Site Descriptors	IRWIN	NA	NA	Predominant Fuel Model
<b>*Initial Response</b>	InitialResponseDateTime	InitialResponseDateTime	InitialResponseDateTime	The date/time of the initial response to the incident. More specifically when the IC arrives and performs initial size up.	datetime	Chronology	IRWIN	NA	NA	Initial Response Date

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>*Initial Strategy</b>	InitialFireStrategy	InitialFireStrategy	InitialFireStrategy	The fire strategy initially used on a wildland fire; the general plan or direction utilized until it succeeds or changes.	varchar(50)	Complexity & Management	IRWIN	NA	Initial Fire Strategy	Initial Fire Strategy
<b>*Jurisdictional Unit</b>	POOJurisdictionalUnit	POOJurisdictionalUnit	POOJurisdictionalUnit	NWCG Unit Identifier to identify the unit with jurisdiction for the land where the point of origin of a fire falls.	varchar(6)	Point of Origin	IRWIN	NA	Jurisdictional Unit	Jurisdictional Unit
<b>Activity / Group</b>	FireCauseActivityGroup	NA	FireCauseActivityGroup	For Fire Cause, further refines information for prevention programs for targeted messaging o Examples: Private/Residential; Farming/Ranching; Logging	domain	Fire Cause	InFORM	NA	NA	NA
<b>Age Category</b>	FireCauseAgeCategory	NA	FireCauseAgeCategory	For Fire Cause, when Human, discriminates between children (0-12), adolescents (13-17), and adults (18+)	domain	Fire Cause	InFORM	NA	NA	NA
<b>Calculated Size (ac)</b>	CalculatedAcres	CalculatedAcres	CalculatedAcres	A measure of acres calculated (i.e., infrared) from a geospatial perimeter of a fire. More specifically, the number of acres within the current perimeter of a specific, individual incident, including unburned and unburnable islands. The minimum size must be 0.1.	double	Size	InFORM	NA	NA	Calculated Acres
<b>Cause Comments</b>	FireCauseComments	NA	FireCauseComments	Add comments related to Fire Cause	Varchar	Fire Cause	InFORM	NA	NA	NA
<b>Cause Investigated?</b>	IsFireCauseInvestigated	IsFireCauseInvestigated	IsFireCauseInvestigated	Indicates if an investigation is underway or was completed to determine the cause of a fire.	boolean	Fire Cause	IRWIN	NA	NA	Is Fire Cause Investigated

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>Cause Prohibited?</b>	IsCauseProhibited	NA	IsCauseProhibited	allows identification of an activity which was unlawful or otherwise prohibited (burn ban, unpermitted, etc.) by local authorities. It is important to note that this is determined by locality, not by a national standard or definition. By definition, all Arson fires are prohibited.	boolean	Fire Cause	InFORM	NA	NA	NA
<b>Certified Date Time</b>	FinalFireReportApprovedDate	FinalFireReportApprovedDate	FinalFireReportApprovedDate	The date that the final fire report was approved for the incident.	datetime	Chronology	InFORM	NA	Final Fire Report Approved Date	Final Fire Report Approved Date
<b>Containment</b>	ContainmentDateTime	ContainmentDateTime	ContainmentDateTime	The date and time a wildfire was declared contained.	datetime	Chronology	IRWIN	NA	NA	Containment Date
<b>Control</b>	ControlDateTime	ControlDateTime	ControlDateTime	The date and time a wildfire was declared under control.	datetime	Chronology	IRWIN	NA	NA	Control Date
<b>Created by System</b>	CreatedBySystem	CreatedBySystem		ArcGIS Server Username of system that created the IRWIN Incident record. Assigned by IRWIN	Varchar(255)	Miscellaneous	IRWIN	NA	Created By System	Created By System
<b>Created On Date Time</b>	CreatedOnDateTime	CreatedOnDateTime	CreatedOnDateTime	Date/time that the IRWIN Incident record was created.	datetime	Chronology	IRWIN	NA	NA	Created On Date

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	DataType	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>Data Sources</b>	DataSources	NA	DataSources	Which system an incident originated from in InFORM. Selectable in the Filters sections in Inspector	domain	Filters	InFORM	NA	Data Sources	NA
<b>Derived Dispatch Center ID</b>	POODispatchCenterID	POODispatchCenterID	POODispatchCenterID	A unique identifier for the dispatch center that intersects with the incident point of origin.	varchar(6)	Point of Origin	IRWIN	NA	Dispatch Center ID	Derived Dispatch Center ID
<b>Dispatch Center ID</b>	DispatchCenterID	DispatchCenterID	DispatchCenterID	A unique identifier for a dispatch center currently responsible for supporting and managing the incident. NOTE: if the incident was created by a NON CAD application, then this DispatchCenterID is derived from a geospatial lookup based on POO Latitude and Longitude and may NOT reflect the center currently responsible if it has not been updated by a CAD.	varchar(6)	Point of Origin	IRWIN	NA	Dispatch Center ID	Dispatch Center ID
<b>Estimated Containment Date</b>	EstimatedContainmentDate	EstimatedContainmentDate	EstimatedContainmentDate	The estimated date a wildfire will be contained.	datetime	Chronology	IRWIN	NA	Estimated Containment Date	Estimated Containment Date
<b>Final Fire Report Approved By</b>	FinalFireReportApprovedBy	FinalFireReportApprovedBy	FinalFireReportApprovedBy	The name of the person that approved the final fire report for the incident.	varchar(100)	Approval	InFORM	NA	Final Fire Report Approved By	Final Fire Report Approved By
<b>Final Fire Report Approved By Title</b>	FinalFireReportApprovedByTitle	FinalFireReportApprovedByTitle	FinalFireReportApprovedByTitle	The title of the person that approved the final fire report for the incident.	varchar(100)	Approval	InFORM	NA	Final Fire Report Approved By Title	Final Fire Report Approved By Title

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>Final Fire Report Approved By Unit</b>	FinalFireReportApprovedByUnit	FinalFireReportApprovedByUnit	FinalFireReportApprovedByUnit	NWCG Unit ID associated with the individual who approved the final report for the incident.	varchar(6)	Approval	InFORM	NA	Final Fire Report Approved By Unit	Final Fire Report Approved By Unit
<b>Final Strategy Attained</b>	FinalStrategyAttainedDateTime	FinalStrategyAttainedDateTime	FinalStrategyAttainedDateTime	The date/time the final fire strategy was accomplished on the incident.	datetime	Chronology	IRWIN	NA	NA	NA
<b>Fire Cause Specific</b>	FireCauseSpecific	FireCauseSpecific	FireCauseSpecific	A further categorization of each General Fire Cause to indicate more specifically the agency or circumstance which started a fire or set the stage for its occurrence; source of a fire's ignition.	domain	Fire Cause	IRWIN	NA	NA	Fire Cause Specific
<b>Fire Detection Method</b>	DetectionMethod	DetectionMethod	DetectionMethod	Domain list indicating how or who detected the fire	domain	Point of Origin	IRWIN	NA	NA	NA
<b>Fire Management Complexity</b>	FireMgmtComplexity	FireMgmtComplexity	FireMgmtComplexity	From IRWIN record. Appears in the Related Records dialog.		NA	IRWIN	NA	NA	
<b>Fire Management Option</b>	FireManagementOption	FireManagementOption	FireManagementOption	For Alaska fires only. Derived from the service AK Provides. Has 8 Domains	Domain	Complexity and Management	IRWIN	NA	NA	NA
<b>Fuel Class of Concern</b>	CombustionFuelClass	NA	CombustionFuelClass	Further classifications for the Fuel Types of Concern. • Ground (peat, tundra, coal seam, deep duff) • Surface (grass, shrub, timber, slash) OR (heavy fuel loading or jackpots) • Aerial	domain	Site Descriptors	NA	NA	NA	NA

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
				(sustained crown fire, stressed/dead foliage (drought/disease/insect), heavy ladder fuels)						
<b>Fuel Type of Concern</b>	CombustionFuelType	NA	CombustionFuelType	Additional ways to identify sub-surface combustion of peat/bays/coal seams and indications of significant resource/response requirements. Options are Ground, Surface, Aerial	domain	Site Descriptors	NA	NA	NA	NA
<b>Growth Cessation</b>	FireGrowthCessationDateTime	FireGrowthCessationDateTime	FireGrowthCessationDateTime	The date/time that the fire perimeter stopped growing in size.	datetime	Chronology	IRWIN	NA	NA	Fire Growth Cessation Date
<b>Ignition</b>	FireIgnitionDateTime	FireIgnitionDateTime	FireIgnitionDateTime	The actual date/time that the fire began ignition. This date may be different from the fire discovery date.	datetime	Chronology	IRWIN	NA	NA	Fire Ignition Date
<b>IMSR</b>	InIMSR	NA	InIMSR	geospatial point layer that depicts wildland fire incident locations (point of origin) as listed in the Incident Management Situation Reports (IMSR) provided by the National Interagency Coordination Center (NICC)	bit	NA	NA	NA	In IMSR	In IMSR
<b>IMSR Final Date</b>	FinalIMSRDate	NA	FinalIMSRDate	see IMSR, last date an incident had an IMSR	datetime	NA	NA	NA	Final IMSR Date	FinalIMS RDate

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>IMSR Initial Date</b>	Initial IMSRDate	NA	InitialIMSRDate	see IMSR, first date an incident had an IMSR	datetime	NA	NA	NA	Initial IMSR Date	Initial IMSR Date
<b>In Fuels Treatment?</b>	InFuelTreatment	InFuelTreatment	InFuelTreatment	Indicates if any part of the fire interacts with a completed fuels treatment. Used for reporting in the Fuels Treatment Effectiveness Monitoring (FTEM) program.	boolean	Miscellaneous	IRWIN	NA	NA	In Fuel Treatment
<b>Incident Status</b>	Status	NA	Status	Indicates the current status of the incident in InFORM. Possible statuses include certified, complete, incomplete, quarantined (in IRWIN), non-quarantined (In IRWIN)	NA	NA	InFORM	NA	Status	Incident Status
<b>InFORM Last Modified Date</b>	InFORMLastModifiedDate	NA	InFORMLastModifiedDate	The date that the incident was most recently edited in InFORM Inspector		Chronology	InFORM	NA	NA	NA
<b>InFORM User Name</b>	InFORMUserName	InFORMUserName	InFORMUserName	User name of the person who last modified a record	varchar(50)	Miscellaneous	InFORM	NA	NA	InFORM User Name
<b>Initial Strategy Successful?</b>	isInitialFireStrategyMet	isInitialFireStrategyMet	isInitialFireStrategyMet	Indicates if the initial fire strategy for the incident was successful.	boolean	Complexity & Management	IRWIN	NA	NA	Is Initial Fire Strategy Met
<b>Is FS Assisted</b>	IsFSAssisted	IsFSAssisted	IsFSAssisted	Indicates if the Forest Service provided assistance on an incident outside their jurisdiction.	boolean	Incident	IRWIN	NA	NA	Is FS Assisted

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>Is Quarantined</b>	IsQuarantined	IsQuarantined	IsQuarantined	Indicates whether an incident of type WF is potentially conflicting with another incident of type WF. Displayed in header If it comes from IRWIN as quarantined. Non actionable	Boolean	NA	IRWIN	NA	NA	Is Quarantined
<b>Jurisdictional Agency</b>	POOJurisdictionalAgency	POOJurisdictionalAgency	POOJurisdictionalAgency	The agency having land and resource management responsibility for a incident as provided by federal, state or local law.	varchar(50)	Point of Origin	IRWIN	NA	Jurisdictional Agency	Jurisdictional Agency
<b>Landowner Kind</b>	POOLandownerKind	POOLandownerKind	POOLandownerKind	Broad classification of land ownership at the point of origin. In the Perimeter section, Inspector displays the Acres by Landowner Kind and Category. If the incident crosses Landowners, Inspector will calculate the acres for each Landowner that is within the perimeter.	domain	Point of Origin/Perimeter	IRWIN	NA	NA	Landowner Kind
<b>Latitude</b>	InitialLatitude	Latitude	Latitude	Geographic representation of POO in NAD83 datum. The latitude location is the point of origin specified in decimal degrees. Point of origin is the location where a competent ignition source came into contact with the material first ignited and sustained combustion occurred.	geom	Point of Origin	IRWIN	NA	NA	NA
<b>Longitude</b>	InitialLongitude	Longitude	Longitude	Geographic representation of POO in NAD83 datum. The longitude location is the point of origin specified in decimal degrees. Point of origin is the location where a competent ignition source came into contact	geom	Point of Origin	IRWIN	NA	NA	NA

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
				with the material first ignited and sustained combustion occurred.						
<b>Modified By System</b>	ModifiedBySystem	ModifiedBySystem	ModifiedBySystem	ArcGIS Server username of system that last modified the IRWIN Incident record.	varchar(255)	Header	IRWIN	NA	Modified By System	Modified By System
<b>Modified on Date Time</b>	ModifiedOnDateTime	ModifiedOnDateTime	ModifiedOnDateTime	Date/time that the IRWIN Incident record was last modified.	datetime	Chronology	IRWIN	NA	Last Modified Date	Last Modified Date
<b>NA</b>	CalendarYear	NA	CalendarYear	The calendar year that corresponds to FireDiscoveryDateTime	YYYY	NA	NA	NA	NA	NA
<b>NA</b>	InFORM Create Date	NA	InFORM Create Date	The date that the FODR was created for an incident		Chronology	InFORM	NA	NA	NA
<b>NA</b>	FireOccurrenceRecordID	NA		system generated ID for the FODR. Not editable		GUID	InFORM	NA	NA	NA
<b>NA</b>	ADSPermissionState	ADSPermissionState	ADSPermissionState	The level of permission for editing the data element as determined by IRWIN	varchar(4)	NA	IRWIN	NA	NA	ADS Permission State
<b>NA</b>	HasFatalities	HasFatalities	HasFatalities	Indicates whether there were fatalities related to the incident. Shows in related records dialog and Filters	boolean	NA	IRWIN	NA	NA	Has Fatalities

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
NA	HasInjuries	HasInjuries	HasInjuries	Indicates whether there were injuries related to the incident. Shows in related records dialog and Filters	boolean	NA	IRWIN	NA	NA	Has Injuries
NA	IsValid	IsValid	IsValid	Indicates whether the incident is valid within IRWIN. Valid incidents are Wildfire Incident records from the Dispatch Center having primary responsibility for that fire. Invalid incidents are a result of duplicates or invalid entries.	boolean	NA	IRWIN	NA	NA	Is Valid
NA	UtcOffset	NA	UtcOffset	An indication of the UTC offset time based on the location of the incident's point of origin (plus or minus sign, followed by the offset time in hours and minutes). Calculated when the incident first comes into the system from any source.	varchar(10)	NA	InFORM	NA	Time Zone	NA
NA	IsMultiRoot	NA	IsMultiRoot	System sets flag when an incident is spliced		NA	InFORM	NA	NA	NA
NA	IsPOOOnUnprotectedLand	NA	IsPOOOnUnprotectedLand	From IRWIN. Shows in Related records dialog. When an incident's POO is on Unprotected Lands, the fire management/Duty Officer will determine if either criterion is met necessitating incident creation and associated response. In this instance, the responding organization's Unit ID will be used for the Protecting Unit data element in its Unique	boolean	NA	IRWIN	NA	NA	NA

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
				Fire Identifier and the record will be created as a Wildfire (WF).						
NA	Unprotected LandResponseReason	NA	UnprotectedLandResponseReason	From IRWIN. Shows in Related Records dialog. The rationale an agency responded to an incident where the point of origin is on unprotected land. Choose Threat or Burned onto Protected Lands	NA	NA	IRWIN	NA	NA	NA
NA	FSOverrideCode	FSOverrideCode	FSOverrideCode	A code used to indicate the Forest Service override code for the incident. This is specific to the Forest Service, and is usually displayed as a four-character suffix on FireCode. From IRWIN. Shows in related records dialog	NA	NA	IRWIN	NA	NA	NA
NA	POOCity	POOCity	POOCity	The City Name identifying the county or equivalent entity at point of origin designated at the time of collection. Comes from IRWIN. Shows in related records dialog.		NA	IRWIN	NA	NA	NA
NA	POOFips	POOFips	POOFips	From IRWIN. Shows in Related Records dialog. The code which uniquely identifies counties and county equivalents. The first two digits are the FIPS State code and the last three are the county code within the state.		NA	IRWIN	NA	NA	NA
<b>Non Federal Financial Code</b>	NonFederalFinancialCode	NA	NonFederalFinancialCode	To account for agency non-federal) financial codes	varchar(11)	Miscellaneous	InFORM	NA	NA	Non Federal Financial Code

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>Other Structures Destroyed</b>	OtherStructuresDestroyed	OtherStructuresDestroyed	OtherStructuresDestroyed	The total number of structures, other than residences, destroyed as a result of a fire.	int	Outcomes	IRWIN	NA	Other Structures Destroyed	Other Structures Destroyed
<b>Other Structures Threatened</b>	OtherStructuresThreatened	OtherStructuresThreatened	OtherStructuresThreatened	The total number of structures, other than residences, threatened by a fire.	int	Outcomes	IRWIN	NA	Other Structures Threatened	Other Structures Threatened
<b>POO Fire Intensity Level</b>	POOFireIntensityLevel	POOFireIntensityLevel	POOFireIntensityLevel	An expression of fire intensity based on observed and/or calculated flame lengths representative across the immediate vicinity of the point of origin during the initial response.	varchar(6)	Point of Origin	IRWIN	NA	NA	NA
<b>Protecting Agency</b>	POOProtectingAgency	POOProtectingAgency	POOProtectingAgency	Indicates the agency that has protection responsibility at the point of origin.	varchar(50)	Point of Origin	IRWIN	NA	Protecting Agency	Protecting Agency
<b>Protecting Fire Dept ID</b>	FireDepartmentID	FireDepartmentID	FireDepartmentID	The U.S. Fire Administration (USFA) has created a national database of Fire Departments. Most Fire Departments do not have an NWCG Unit ID and so it is the intent of the IRWIN team to create a new field that includes this data element to assist the National Association of State Foresters (NASF) with data collection.	domain	Point of Origin	IRWIN	NA	NA	Fire Department ID
<b>Related IRWIN ID</b>	RelatedIrwinIDs	NA	RelatedIrwinIDs	If an incident is spliced, the related IRWIN IDs show for the new FODR	varchar	Incident	IRWIN	NA	NA	Related Irwin IDs

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>Report Narrative</b>	FinalFireReportNarrative	FinalFireReportNarrative		A summary of the comments in narrative form as entered on the final fire report to describe important aspects of the incident.	varchar(4000)	Miscellaneous	InFORM	NA	Final Report Narrative	Final Fire Report Narrative
<b>Request Firecode</b>	IsFireCodeRequested	IsFireCodeRequested	IsFireCodeRequested	When a source application sends the SubmitIncident or Update Incident request to IRWIN, FirecodeRequested is a Boolean value indicating whether a Fire Code needs to be generated from Fire Code for the incident. The combination of FirecodeRequested and the value in the FireCode column determines the validity of the current FireCode in the IRWIN incidents table - valid or pending (waiting for firecode)	boolean	Report a New Incident	FireCode	NA	NA	NA
<b>Residences Destroyed</b>	ResidencesDestroyed	ResidencesDestroyed	ResidencesDestroyed	The total number of residences destroyed, or damaged to an extent requiring rebuilding, as a result of a fire.	int	Outcomes	IRWIN	NA	Residences Destroyed	Residences Destroyed
<b>Residences Threatened</b>	ResidencesThreatened	ResidencesThreatened	ResidencesThreatened	The total number of residences threatened by the fire.	int	Outcomes	IRWIN	NA	Residences Threatened	Residences Threatened
<b>Responder Fatalities</b>	Fatalities	Fatalities	Fatalities	The total number of deaths of personnel assigned to an incident.	smallint	Outcomes	IRWIN	NA	Fatalities	Fatalities
<b>Responder Injuries</b>	Injuries	Injuries	Injuries	The total number of reportable occupational injuries and illnesses that occurred in conjunction with an incident.	smallint	Outcomes	IRWIN	NA	Injuries	Injuries

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>Responding Agencies</b>	InitialResponseAgencies	NA	InitialResponseAgencies	Allows for assigning separate agencies who respond to an incident. For a multi-agency response, all responding agencies will be noted	checkbox (multiselect)	Initial Response Agencies	InFORM	NA	NA	NA
<b>Specific Cause Detail</b>	FireCauseSpecificDetail	NA	FireCauseSpecificDetail	For Fire Cause, more specific information about the cause or factors contributing to the ignition	domain	Fire Cause	InFORM	NA	NA	NA
<b>Trespass?</b>	IsTrespass	IsTrespass	IsTrespass	Indicates if the incident is a trespass claim or if a bill will be pursued.	boolean	Fire Cause	IRWIN	NA	NA	Is Trespass
<b>Uniqueness Score</b>	MinUniqueness	NA	MinUniqueness	The uniqueness score compares the new FODR to existing FODRs to detect how closely related those records are. InFORM WR considers the following factors in calculating the uniqueness score: Location, Discovery Date, Incident Size, Incident Name, Created by System, Cause. The possible score is from 0-1, and FODRs with a score of 0.4 and below are flagged and displayed by InFORM WR as a potential duplicate FODR. Potential duplicates (FODRs with low uniqueness) are displayed on the map as purple circles.	varchar(4)	Actions	InFORM	NA	Uniqueness Score Threshold	Minimum Uniqueness
<b>User Acres</b>	AcresBIA	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
User Acres	AcresBLM	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresBOR	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresDOD	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresDOE	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresNPS	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresUSFS	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresUSFWS	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresForeign	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
User Acres	AcresTribal	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresCity	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresCounty	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresState	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresPrivate	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresANCSA	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresOther	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA
User Acres	AcresOther Federal	NA	NA	user entered acres in the perimeter table	varchar	Perimeter	NA	NA	NA	NA

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>Assign Beneficial Acres %</b>	NA	NA	NA	A checkbox that allows user to enter a resource benefit %.	boolean	Perimeter	NA	NA	NA	NA
<b>Beneficial %</b> <i>See Beneficial fields below in table</i>	NA	NA	NA	A number as a percentage of acres for which a wildfire provided a resource benefit	NA	Perimeter	NA	NA	NA	NA
<b>USFS Job Code Prefix</b>	FSJobCode	FSJobCode	FSJobCode	A code use to indicate the Forest Service job accounting code for the incident. This is specific to the Forest Service. Usually displayed as 2 char prefix on FireCode.	varchar(2)	Incident	IRWIN	NA	NA	FS Job Code
<b>WIMS Weather Station Identifier</b>	PrimaryWeatherStationIdentifier	??	PrimaryWeatherStationIdentifier	Enter the Weather Station Identifier from the Weather Information Management System (WIMS). The Weather Information Management System (WIMS) is a comprehensive system that manages weather information.	domain	Point of Origin	IRWIN	NA	NA	NA
<b>NA</b>	PrescribedEscapeRelationship	NA	PrescribedEscapeRelationship	Indicates whether a wildfire has a relationship with a prescribed burn that escaped	boolean	NA	InFORM	NA	NA	Prescribed Escape Relationship
	MergeRelationship	NA	MergeRelationship	Indicates whether a wildfire has merged with another wildfire	boolean	Actions	InFORM	NA	NA	Merge Relationship
<b>NA</b>	ComplexRelationship	NA	ComplexRelationship	Indicates whether a wildfire is part of a complex	boolean	NA	InFORM	NA	NA	Complex Relationship

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
NA	PostFireRelationship	NA	PostFireRelationship	Indicates whether a wildfire has a relationship to a post-fire project or treatment	boolean	NA	InFORM	NA	NA	Post-Fire Relationship
NA	PotentialConflictRelationship	NA	PotentialConflictRelationship	From IRWIN to indicate whether a wildfire is potentially in conflict with another wildfire	boolean	NA	IRWIN	NA	NA	Potential Conflict Relationship
NA	ProvidingResponseRelationship	NA	ProvidingResponseRelationship		boolean	NA	IRWIN	NA	NA	Providing Response Relationship
BeneficialBIA	BeneficialBIA	NA	BeneficialBIA	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
BeneficialBLM	BeneficialBLM	NA	BeneficialBLM	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
BeneficialBOR	BeneficialBOR	NA	BeneficialBOR	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
BeneficialDOD	BeneficialDOD	NA	BeneficialDOD	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
BeneficialDOE	BeneficialDOE	NA	BeneficialDOE	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	Data Type	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>BeneficialNPS</b>	BeneficialNPS	NA	BeneficialNPS	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
<b>BeneficialUSFS</b>	BeneficialUSFS	NA	BeneficialUSFS	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
<b>BeneficialUSFWS</b>	BeneficialUSFWS	NA	BeneficialUSFWS	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
<b>BeneficialForeign</b>	BeneficialForeign	NA	BeneficialForeign	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
<b>BeneficialTribal</b>	BeneficialTribal	NA	BeneficialTribal	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
<b>BeneficialCity</b>	BeneficialCity	NA	BeneficialCity	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
<b>BeneficialCounty</b>	BeneficialCounty	NA	BeneficialCounty	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
<b>BeneficialState</b>	BeneficialState	NA	BeneficialState	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA

INSPECTOR Field Name	Inspector DB Name	IRWIN Name	CSV Download Name	Definition	DataType	INSPECTOR UI Grouping	Service -Source	Map Tile	Basic Filter	Custom Filters
<b>BeneficialPrivate</b>	BeneficialPrivate	NA	BeneficialPrivate	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
<b>BeneficialANCSA</b>	BeneficialANCSA	NA	BeneficialANCSA	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
<b>BeneficialOtherLocal</b>	BeneficialOtherLocal	NA	BeneficialOtherLocal	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA
<b>BeneficialOtherFederal</b>	BeneficialOtherFederal	NA	BeneficialOtherFederal	The number of acres designated as a resource benefit for the associated agency/entity	Numeric	NA	InFORM	NA	NA	NA

## List of Inspector Services

Acronym	system/service	URL	Used for
NIFS	National Incident Feature Service	<a href="https://nifc.maps.arcgis.com/home/item.html?id=da82781e9a11484cbb0115346bdd7342">https://nifc.maps.arcgis.com/home/item.html?id=da82781e9a11484cbb0115346bdd7342</a>	A feature service where the current operational incident perimeter and metadata are stored before certification. This service is cleared out annually.
FFFS	Final Fire Feature Service	<a href="https://nifc.maps.arcgis.com/home/item.html?id=ccf332903c7d489b943d15f53ce12a01">https://nifc.maps.arcgis.com/home/item.html?id=ccf332903c7d489b943d15f53ce12a01</a>	A feature service where incident perimeters and metadata are stored after certification

InFORM FODR	InFORM Fire Occurrence Data Records	<a href="https://nifc.maps.arcgis.com/home/item.html?id=60a94840152b4a89bec467a9f052f135">https://nifc.maps.arcgis.com/home/item.html?id=60a94840152b4a89bec467a9f052f135</a>	<p>Public View</p> <p>Incident records for all known fire occurrence in the United States shown as point locations. This service contains all wildland fire incidents from the InFORM FODR incident service that meet the following criteria:  Categorized as a Wildfire (WF) or Prescribed Fire (RX) record  Is Valid and not "quarantined" due to potential conflicts with other records</p> <p>No "fall-off" rules are applied to this service.</p> <p>Service is a real time display of data.</p>
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InFORM FODR	InFORM Fire Occurrence Data Records Read only view	<a href="https://nifc.maps.arcgis.com/home/item.html?id=fb5ba7b904d84489a47ff7dbccb20683">https://nifc.maps.arcgis.com/home/item.html?id=fb5ba7b904d84489a47ff7dbccb20683</a>	Non Public view A feature layer for Incident records for all known fire occurrence in the United States shown as point locations. includes historic fires in addition to the ongoing incorporation of IRWIN data with the goal of maintaining a single record for every known fire occurrence in the United States. Read Only. Fire Occurrence Data Records from InFORM 2.0. Archived every 60 seconds for systems to who need access to FODR data
NA	InFORM production instance	<a href="https://inform.firenet.gov/inspector/">https://inform.firenet.gov/inspector/</a>	The live version of InFORM

NA	InFORM Test Instance	<a href="https://informoat.firenet.gov/inspector-next">https://informoat.firenet.gov/inspector-next</a>	The test version of InFORM
NA	InFORM HUB page	<a href="https://in-form-nifc.hub.arcgis.com/">https://in-form-nifc.hub.arcgis.com/</a>	InFORM Fire Reporting web site
UnitIDx	Unit ID Service	<a href="https://unitid.nifc.gov/orders/prd/f?p=116:101:9104463649278:::RP::">https://unitid.nifc.gov/orders/prd/f?p=116:101:9104463649278:::RP::</a>	The service InFORM uses to validate Unit IDs
NA	FODR ID from IRWIN ID Search	<a href="https://inform.firenet.gov/InformAPI/api/IrwinID/">https://inform.firenet.gov/InformAPI/api/IrwinID/</a>	The service to redirect to FODR record by searching for the IRWIN ID. Type or paste the IRWIN ID after the slash in IrwinID/ in the URL

