

# Tonto Fire Mapping

- 2024 Field Maps App Updates
- 2024 Tonto IA GIS Products Overview
- Tonto IA Field Map Demo
- What GIS Staff Can Offer
- Other Products/Services
  - InFORM (Mapping)
  - Avenza
  - Dashboards
  - Tonto GIS SharePoint

Tonto GIS Staff  
Spring 2024



ArcGIS® Field Maps



AVENZA  
MAPS



# Field Maps Application

- Collector Classic and Collector for ArcGIS
  - RETIRED - DO NOT USE!
  - No longer available to Download in App Stores
- Field Maps is the App to use for 2024 Fire Season
  - Incident Management Teams
  - Make sure Field Maps is updated to Latest Version
  - No Major app updates
  - **\*NEW\*** – Multifactor Authentication Login...



# Multi-Factor Authentication (MFA)

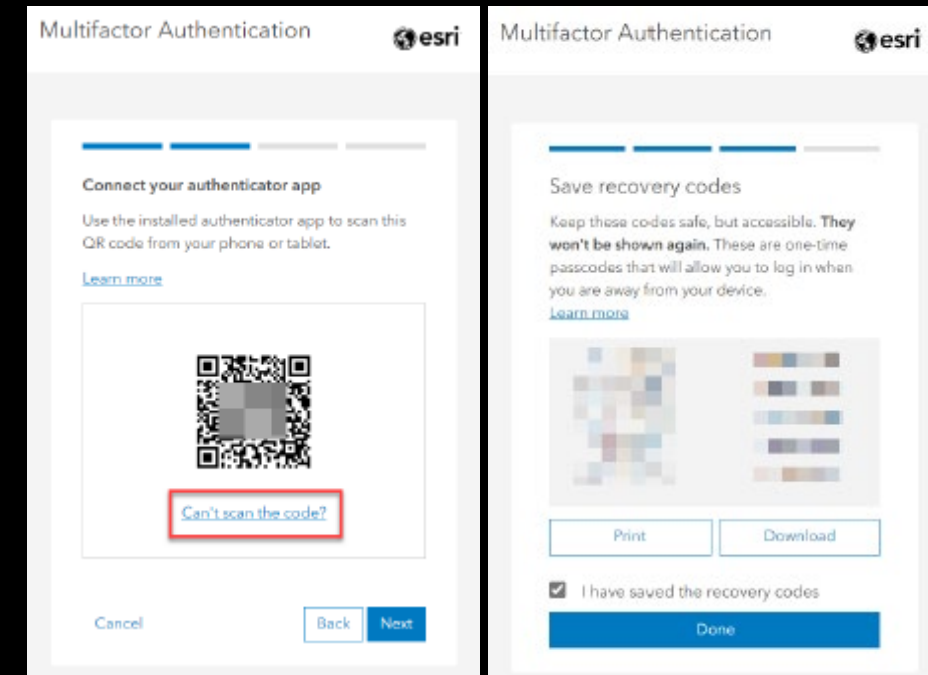


## New Requirement for NIFC Account Login – [How to Guide](#)

- First time login will open set up instructions
- QR Code that connects NIFC Account with Authenticator App – Take screenshot
- Recovery Codes – One-time use codes
  - Take screenshot
  - Can download 10 at a time
- Optional Security Keys – Fingerprint, Face ID
- Any issues contact Tonto GIS Staff or [wildfireresponse@firenet.gov](mailto:wildfireresponse@firenet.gov)



Microsoft  
Authenticator



# SW Tonto NF - IA Map Group

- **Have NIFC Account and be able to Sign into Field Maps**
  - Need a NIFC account: Must have a Gov or Fire Agency email and fill out the [Account Request Form](#)
    - Admins will respond quickly, usually within a few hours
- **Become a member of “SW Tonto NF – IA Map” Group**
  - Send email to one of the Group managers (Tonto GIS Staff) with the following information:
    - Name, NIFC Username, and Indicate if user is Tonto Staff or Non-Tonto Staff (Severity Resources)
      - Non-Tonto Staff may be removed from the Group and lose access after the Fire Season. This helps us manage the group more effectively.



## SW Tonto NF - IA Map

🔒 Leave group

Owner: [fwilliams\\_nifc](#)

Created: Apr 28, 2020   Last updated: Jan 21, 2022   Viewable by: Group members

Any organization

Tonto National Forest Initial Attack Map for all Stat Fire Incidents. Personnel can add fire related features like fire origin, completed line, fire perimeter, etc. and can determine whether values may be at risk by turning on additional layers.

# Maps

## 2024 Tonto NF IA Field Map

- Tied to National Dataset
- Includes: Fire Event Features, Tonto Resource info, etc.

## BASIC 2024 Tonto NF IA Field Map

- Tied to National Dataset
- Includes: Fire Event Features

**\*NEW\***

## TRAINING 2024 Tonto NF IA Field Map

- Tied to Training version of the Dataset
- Includes: Training Fire Event Features

## Tonto NF Fuels Field Map

- Includes: Fuels Projects (Operational and Planning), Resource info, etc.

## Tonto NF Current Wildfire Activity Map

- Situational Awareness Map
- Includes: Live/Dynamic Layers
- Read only and Only viewable Online

[Link to Briefing Guide](#)



### 2024 Tonto NF IA Field Map

Web Map

2024 Tonto National Forest Initial Attack Map for all Stat Fire Incidents. Personnel can add fire related features like hazards, completed line, fire perimeter, etc. and can determine whether values may be at risk by turning on additional layers.

Created: May 13, 2020 Updated: Jan 12, 2024 View count: 11,589



### BASIC 2024 Tonto NF IA Field Map

Web Map

BASIC 2024 Tonto National Forest Initial Attack Field Map for all Stat Fire Incidents. This map has Basic Fire Information, no additional Tonto Reference Features. Only Fire related features like hazards, completed line, Fire perimeter, etc.

Created: Jul 25, 2023 Updated: Jan 10, 2024 View count: 550



### TRAINING 2024 Tonto NF IA Field Map

Web Map

TRAINING 2024 Tonto National Forest Initial Attack Field Map intended for training and familiarization of the Field Maps mobile app and collecting Fire related features using the hosted Training NIFS.

Created: Jan 26, 2021 Updated: Jan 10, 2024 View count: 2,402



### Tonto NF Fuels Field Map

Web Map

Tonto National Forest Fuels Map for Fuels Projects. Personnel can add fuels related features like Prescribed Fire Areas, Fuels Treatments, etc. and can determine other risks by turning on additional layers.

Created: Jan 9, 2023 Updated: Jan 12, 2024 View count: 967



### Tonto NF Current Wildfire Activity Map

Web Map

This map contains Live data for Situational Awareness. It contains US wildfire locations (active/recent) and other sources of information related to wildfires.

Created: Jan 27, 2022 Updated: Jan 13, 2024 View count: 1,509

# National Data Layers

## NIFS/Event Layers

- Used for National Incident Specific Information
  - Drop Points, Divisions, Hand Line, etc.
  - Data is archived every year
- Fire Perimeter
  - Edit Auto-Generated Triangle
  - Create New Perimeter
- Deleting mistakes
  - Tonto IA Field Map and IMT Incidents – Can't Delete in the field (Can Delete if on an offline map and haven't synced yet)
  - Delete this feature? / You can use the comments field
- Tracking
  - If the feature is edited, the program will attach the editor's username and the date/time it was edited

The screenshot displays a GIS application interface. On the left, a vertical list of National Data Layers includes: Label Point (NIFS), Structure Triage (NIFS), Accountable Property (NIFS), Event Point (NIFS), Event Line (NIFS), Perimeter Line (NIFS), and Event Polygon (NIFS). The main map area shows a satellite view with a red-shaded fire perimeter. Labels 'DIV Z' and 'DIV A' are visible on the map. A pop-up window titled '(1 of 2) Wildfire Daily Fire Perimeter: Punkin' displays details for a feature named 'Punkin', including its area (387.00 acres) and creation date (3/9/2021, 6:00 AM). Below the map, a red triangle icon is shown. Another pop-up window titled 'Pop-up' displays details for an 'Event Polygon (1)' named 'Dealer', including its incident name, polygon type, map method, and creation/edit dates.

Wildfire Daily Fire Perimeter: Punkin	
Incident Name	Punkin
Feature Category	Wildfire Daily Fire Perimeter
Comments	
Acres	387.00
Delete this feature?	No
Label	
Polygon Date Time	3/9/2021, 6:00 AM

Event Polygon - Dealer	
Incident Name	Dealer
FC Polygon Type	Wildfire Daily Fire Perimeter
Map Method	Auto-generated for INFORM
Comments	Auto-generated by EGP-IRWIN
Acres	0.1
Delete this feature?	No
Label	<Null>
Feature Access	Public
Feature Status	Approved
Is Visible	No
Create Name	egg_admin
Create Date	3/10/2021 10:56:02 PM
Edit Name	wbalcom_nifc
Date Current	3/12/2021 10:02:46 PM
Polygon Date Time	3/11/2021 3:35:20 AM
IRWINID	{B2305204-3907-490E-8CE3-0A59485359DA}
GlobalID	{2BE0D1B7-5308-4078-BA17-56B730C64310}

# 2024 ICS Symbol Updates

National Data Layers (NIFS/Event Layers)

No Major Changes

## ACCOUNTABLE PROPERTY

- Other Property
- Pump
- Water Tank

## EVENT POINT

### Air Operations

- Aerial Hazard
- Airstrip or Airport
- Aviation Check Point
- Mobile Retardant Base
- Helispot
- Helibase
- Sling Site
- Unimproved Landing
- UAS Launch and

### Assignment Breaks

- Division Break
- Branch Break
- Zone Break

## Logistics

- Medical
- Incident Command
- Drop Point
- Closure
- Camp
- Staging Area

## Safety

- Safety Zone
- Hazard

## Repair

- Structure Wrap
- Stream Crossing
- Road Repair
- Retardant in Avoidance Area
- Resource Location
- Repair Point
- Landing or Log Deck
- Hazard Tree
- Fence - Cut/Damaged
- Dozer Push
- Culvert
- Clean Up Area

## Reference

- Value at Risk
- Other
- Landmark
- Gate
- Fire Station
- Bridge

## Water

- Dip Site
- Draft Site
- Hydrant
- Restricted Water Source

## Communications

- Mobile Weather Unit
- Internet Access
- Repeater

## Operations

- Lookout
- Fire**
- Hot Spot - Spot Fire
- Fire Origin

## IR Point

- IR Isolated Heat Source
- Possible IR Heat Source

## PERIMETER LINE

- Contained
- Uncontained and Fire Edge (Field Collection)

## EVENT LINE

### Ops Completed

- Completed Burnout
- Completed Dozer Line
- Completed Fuel Break
- Completed Hand Line
- Completed Mixed Construction Line
- Completed Plow Line
- Completed Road as Line

### Planning

- Planned Burnout
- Planned Dozer Line
- Planned Fuel Break
- Planned Hand Line
- Planned Mixed Construction Line
- Planned Plow Line
- Planned Road as Line
- Proposed Line

## Reference

- Access Route
- Fence
- Highlighted Feature
- Management Action Point
- Other

## Repair

- Repair Line
- Road Repair

## Safety

- Escape Route

## Air Ops

- Aerial Hazard
- Water Drop
- Foam Drop
- Retardant Drop
- Aviation Route
- Temporary Flight Restriction

## IR POLYGON

- Area Covered by IR Flight
- Cloud Cover
- IR Heat Perimeter
- IR Intense Heat
- IR Scattered Heat

## EVENT POLYGON

- Other
- Prescribed Fire
- Wildfire Daily Fire Perimeter

### Structure Triage Category

- Defensible - Stand Alone
- Defensible - Prep and Hold
- Non-Defensible - Prep and Leave
- Non-Defensible - Rescue Drive-By
- Unknown

### Repair Status

- In Use - Fire Management
- Needs Assessment
- Repair Needed
- In Progress
- Completed - Ready for Inspection
- Completed - Inspected
- No Repair Needed
- Other - See Comments

### Repair Status

- In Use - Fire Management
- Needs Assessment
- Repair Needed
- In Progress
- Completed - Ready for Inspection
- Completed - Inspected
- No Repair Needed
- Other - See Comments

# Structure Triage

- Data can be collected/edited anytime
- National Data Layer
- Data is rolled over every year
- Fill out as many fields as you can
- Survey 123 Application can be used
- Photos: If possible, Limit the number of Photos to 2 or 3.  
More Photos = Increase File Sizes

## Telegraph Fire (Structure Report Test)

AZ-TNF-1255



**Location:** McSpadden Ranch ,  
**Coordinates (DDM):** 33°20.488'N, 110°56.314'W

**Triage Category:** Defensible, Prep and Hold

**FIRESCOPE Triage Category:**

**Structure Number:** (007)

**Collected Date/Time:** 6/7/2021 7:33:00 PM

**Collected By:** Andrea McKenna

**Inspector's Position:** ENGB

**Type of Structure:** Residential

**Primary Structures:** 1

**Is the building Occupied?:** Yes

**Outbuildings:** 5

**Fuel Surrounding Structure:** Shrub or timber

**Defensible Space:** 30 ft treated

**Roof Material:** Noncombustible or not applicable

**Siding Material:** Wood or open sided

**Electrical Power:** Yes

**Gas to Structure:** Unknown

**Hazards:**

**Access to Site:** T3/4 Engine

**Describe Access:** Ranch off the 349 Rd around 2 miles

slow ingress/egress windy road

**Comm With ICP:** Yes

**Water Source:** No reliable water source nearby

**Safety Zone Present:**

**Mitigation Time (in hours):** 1

**Mitigation Description:** minimal mitigation needed,  
limbing up a couple trees around propane tanks

**Resources Needed to Protect Structure:** type 3/4  
engine

**FIRESCOPE Tactics:**

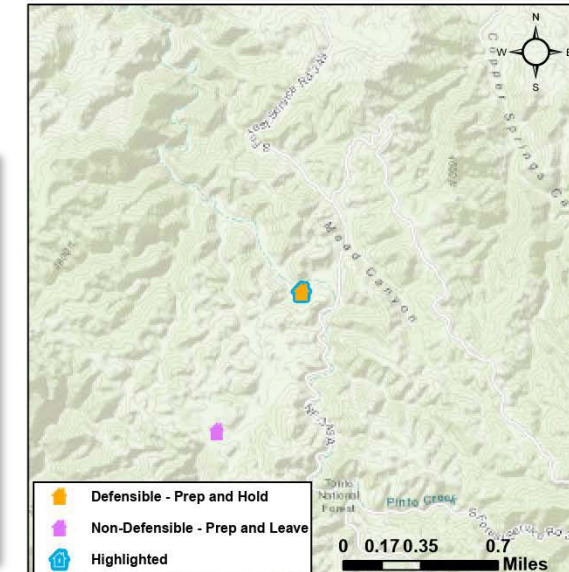
**Notes:** no ground fuels present, a few trees touching the  
structure



**Structure Triage (NIFS)**

Structure Triage Category

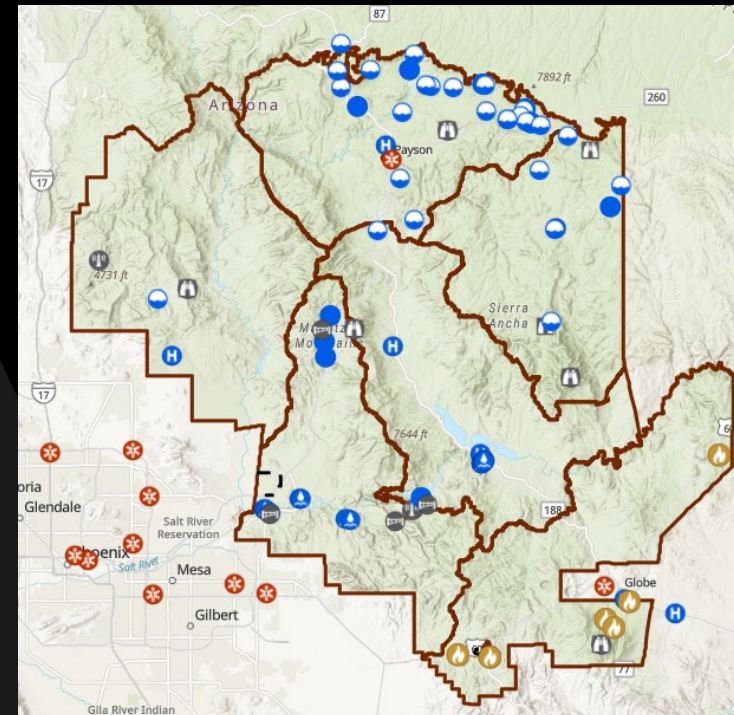
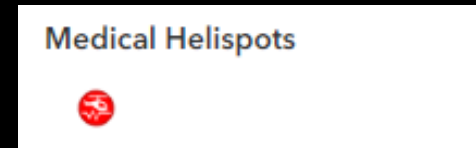
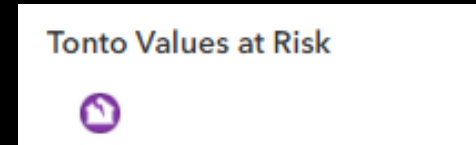
- 🟢 Defensible - Stand Alone
- 🟠 Defensible - Prep and Hold
- 🟡 Non-Defensible - Prep and Leave
- 🔴 Non-Defensible - Rescue Drive-By
- 🟡 Unknown





# Tonto Fire Reference Features

- Use for more Internal Permanent Fire Features on the Tonto - Dip Sites, Helispots, Water Sources, Medical LZs, Values at Risk, etc.
- Field Users do not have edit access for 2024.
  - Avoid confusion with the National Data Layers
  - To add in features to Tonto Fire Reference Features:
    - Collect Data in National Data Layers and GIS staff will duplicate when necessary
    - Work with GIS Staff



## Tonto Fire Reference Points

- Icon: Blue circle with a white 'H' symbol. Helibase
- Icon: Blue circle. Helispot
- Icon: Blue circle with a white dip site symbol. Aerial Dip Site
- Icon: Grey circle with a white gate symbol. Gate
- Icon: Red circle with a white medical symbol. Medical
- Icon: Grey circle with a white lookout symbol. Lookout
- Icon: Grey circle with a white repeater symbol. Repeater
- Icon: Red circle with a white hazard symbol. Hazard
- Icon: Blue circle with a white water drop symbol. Water Source
- Icon: Red circle with a white flame symbol. Restricted Water Source
- Icon: Grey circle. Other

## Tonto Fire Reference Line

- Icon: Dashed black line. Completed Fuel Break / Fire Line
- Icon: Dashed yellow line. Highlighted Feature
- Icon: Solid brown line. Closed Access Road
- Icon: Dashed orange line. Restricted Access Road
- Icon: Solid grey line. Other

## Tonto Fire Reference Area

- Icon: Red checkered square. Restricted Area
- Icon: Grey square. Other

# Fire Prevention Signs Data Layer

- Full Edit Access. Fill out as much information as possible
- Can be used for Fire Restriction Sign Status
- Can add Photos: Limit number of Photos if possible

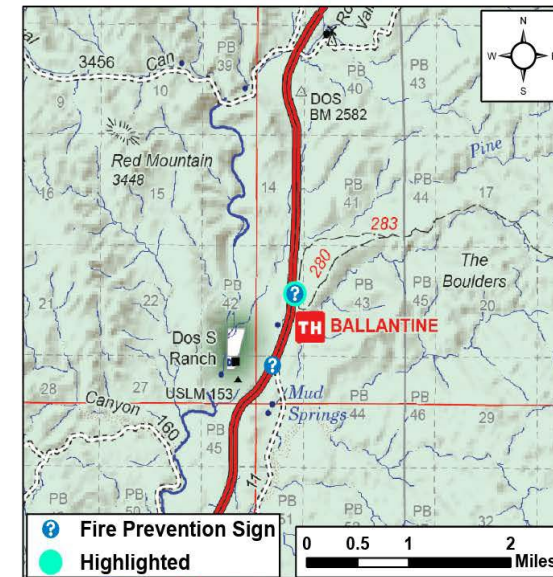
**Tonto Fire Prevention Sign**

- No Restriction Sign Placed
- Restriction Sign Placed
- Not Applicable
- No Value Entered

Revision Date
Edit Name
Sign Name
Sign Number
Ranger District
General Area
Township
Range
Section
First QuarterSection
Second Quarter Section
Latitude
Longitude
Road Number
Road Name
Road Surface
Right Of Way
Sign Size
SignInstallDate
Present Condition
Direction Sign Facing
Poster 1
Poster 2
Poster 3
Poster 4
Poster Other
Fire Restriction Sign Status
Fire Restriction Sign Size
Notes

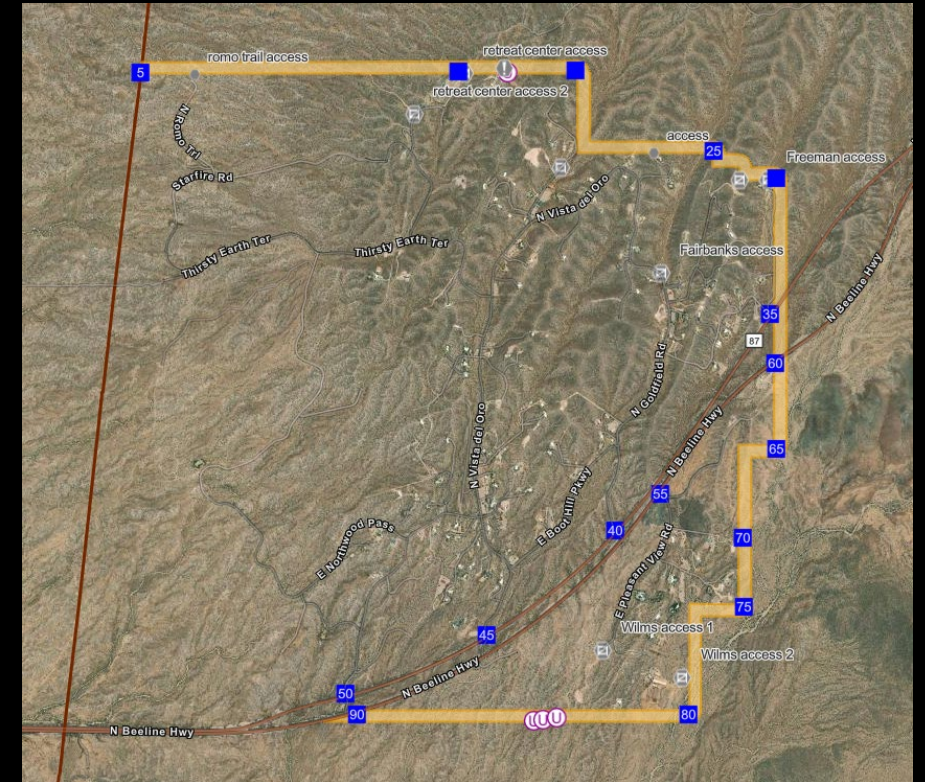
## Tonto National Forest - Mesa Ranger District Prevention Sign Inventory


Sign Name: Ballantine Trail Head  
 Sign Number:  
 General Area:  
 Legal: Township 5N, Range 8E, Section 23  
 Latitude: 33° 45.866' N  
 Longitude: 111° 29.605' W  
 Road Number:  
 Road Name: Beeline  
 Road Surface:  
 Right of Way:  
 Sign Size:  
 Sign Install Date:  
 Present Condition: 1=New  
 1-5 Scale - 1=New to 5=Replace  
 Direction Sign Facing: West  
 Posters:  
 Fire Restriction Sign Status: Not Placed  
 Fire Restriction Sign Size:  
 Notes:



# Tonto Fuels Project Data Layers

- Used for Active and Planned Fuels Projects
- Fuels Monitoring Sites
  - Site Inspection Survey 123 Connection
- On going Development





**Tonto National Forest**  
Fuels & Fire Ecology  
Fire & Aviation Management


## Tonto NF Fuels Field Map

Web Map

Tonto National Forest Fuels Map for Fuels Projects. Personnel can add fuels related features like Prescribed Fire Areas, Fuels Treatments, etc. and can determine other risks by turning on additional layers.

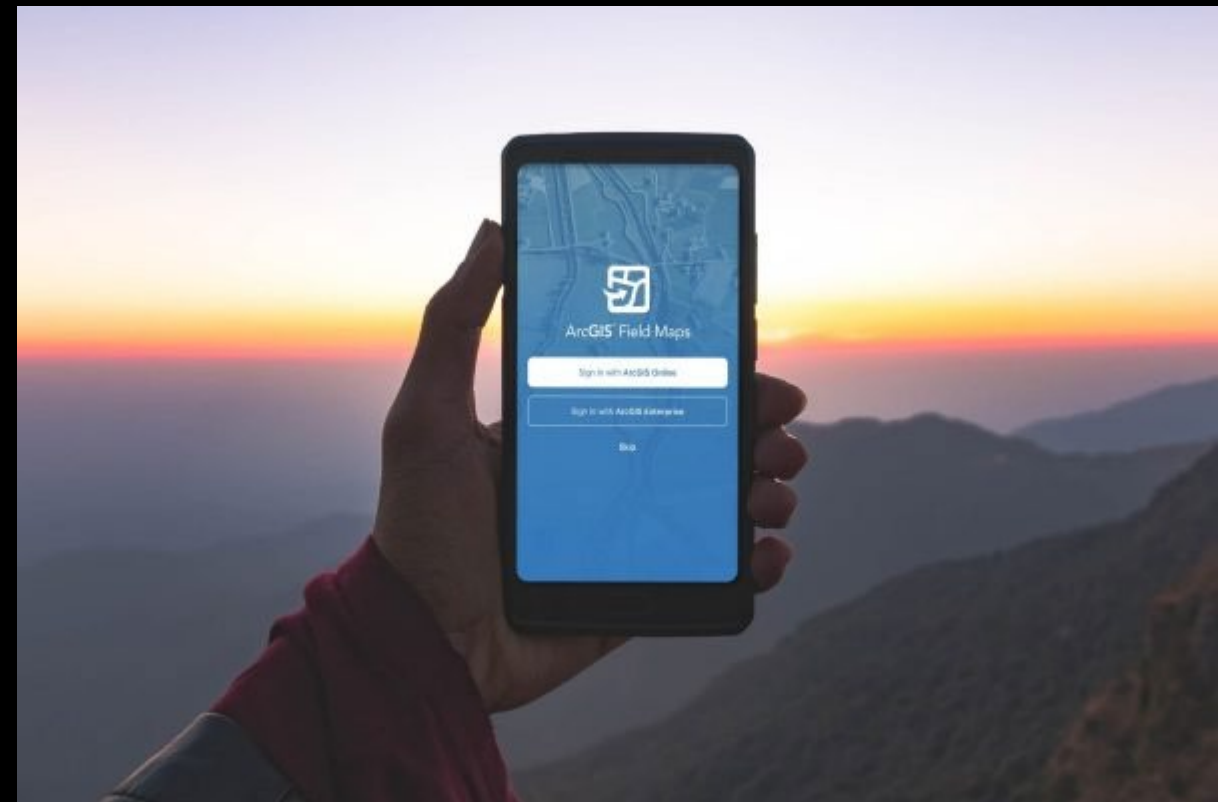
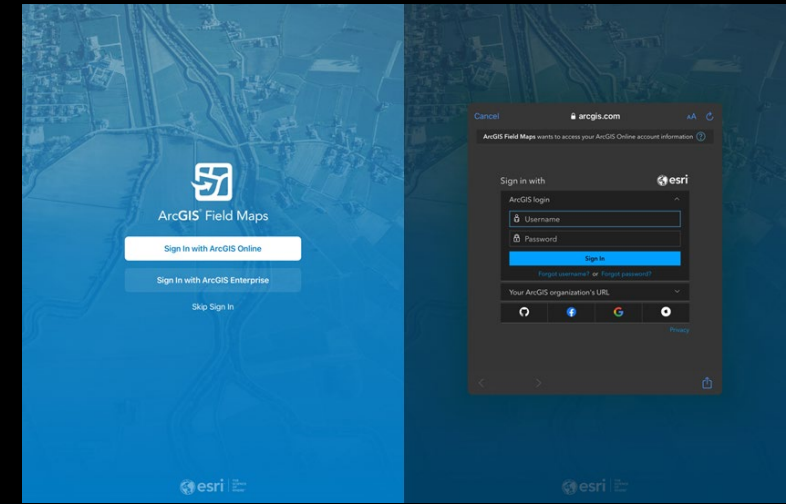
Created: Jan 9, 2023 Updated: Mar 31, 2023 View count: 255

[bdugan\\_nifc](#)



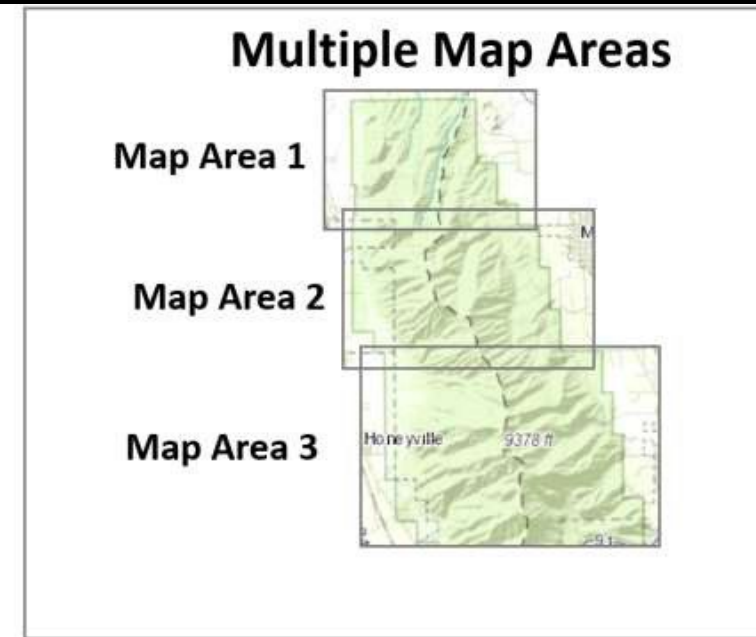
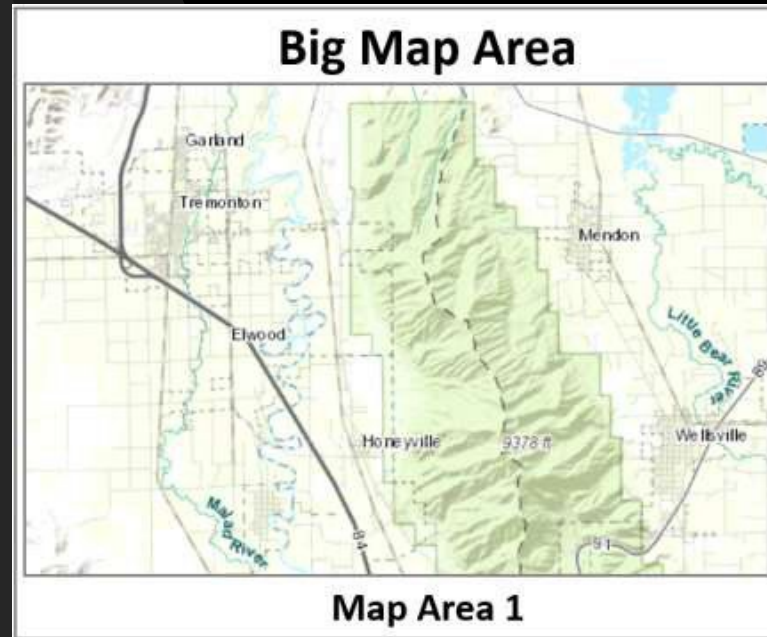
# Set up and Collect Features Online Demo

- Settings: Collection Settings, Units, etc.
- Overview of Map
  - Overflow Menus
  - Data Layers
  - Map Functions
  - Collecting Data
- Online vs Offline - Syncing



# Going Offline Downloading Offline Work Area

- Download at Streets or Neighborhood Detail
  - Any Smaller the File Size is too large and will give errors
- Can Download Multiple Areas
- Streets Detail for District
  - Around 1 GB – File Size
  - 10-20 min – Download Time (Depending on Network Speeds)
- Create Offline Area Before Going into the Field



# Set up and Collect Features Offline Demo

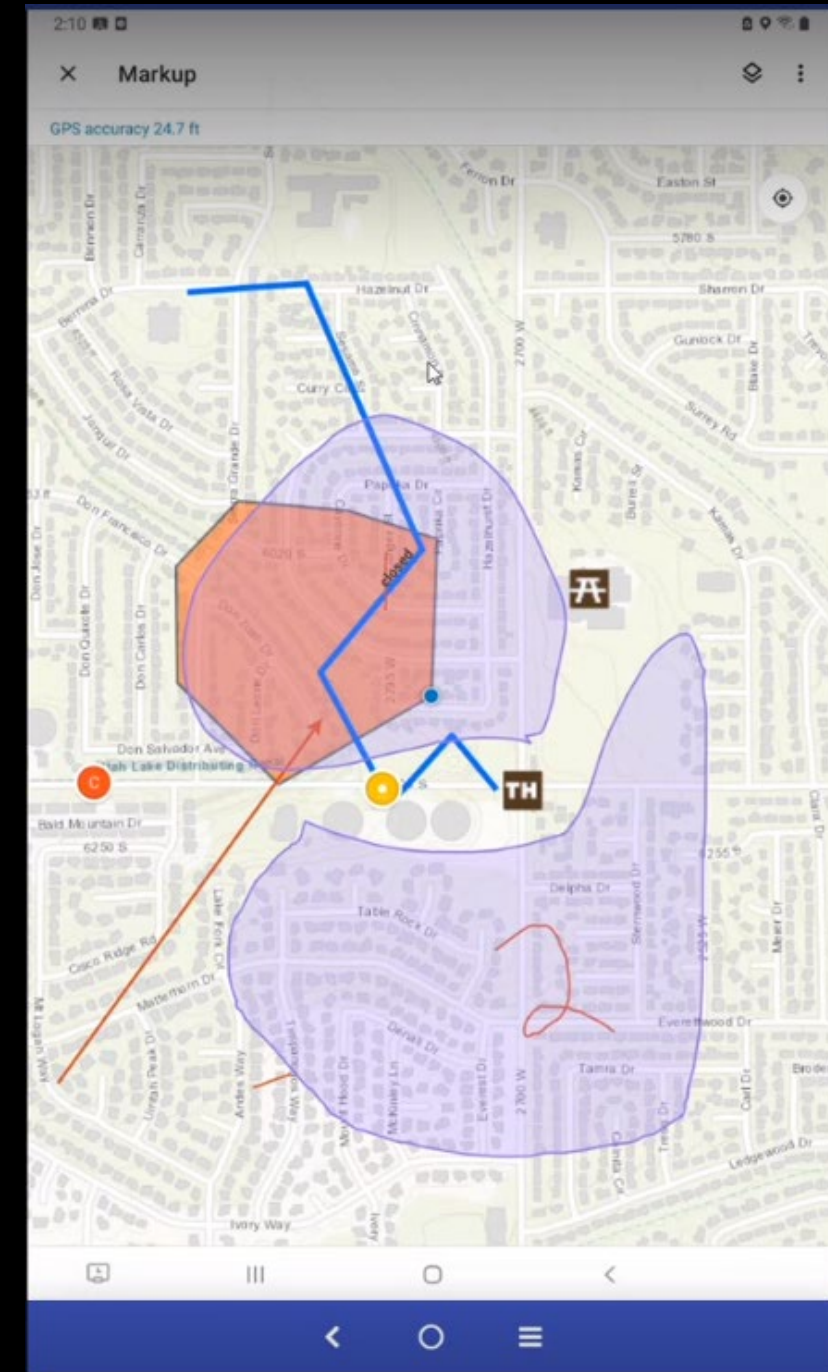
## Syncing

- Sync before you go out into field
- Sync when you get back from field
- Don't let data sit on device
- 'Last one in, Wins'



# Field Maps: Markup Tool

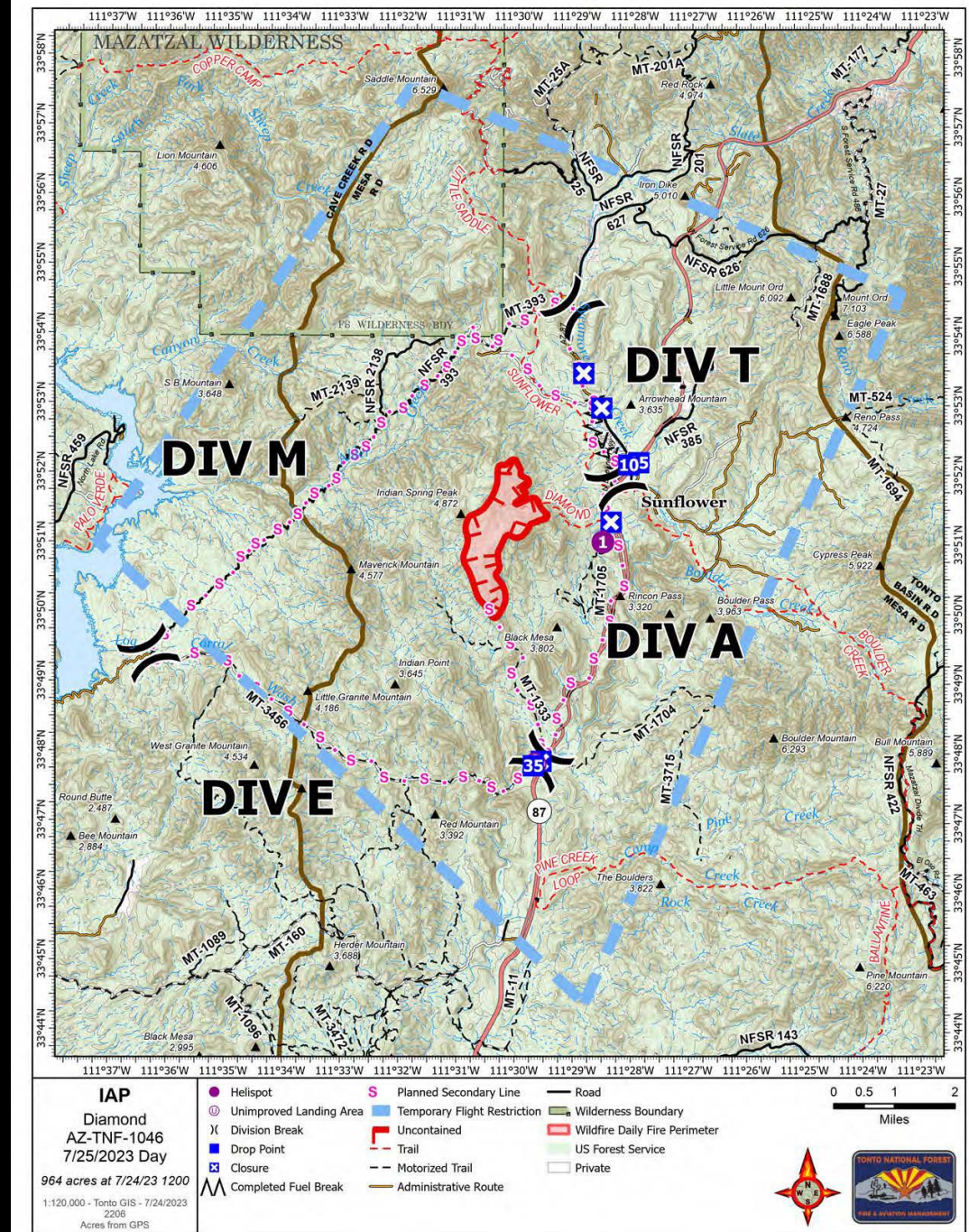
- Capture Sketches and notes on a map
- Markup is saved as a layer on your device
- You can use markup for your own information, similar to drawing on a paper map
- You can share it to communicate with others by screenshot or through Bluetooth/Airdrop
- Temporary Layer – Not Needed for Data Collection



# What GIS Can Offer

## GIS Staff Can Help with:

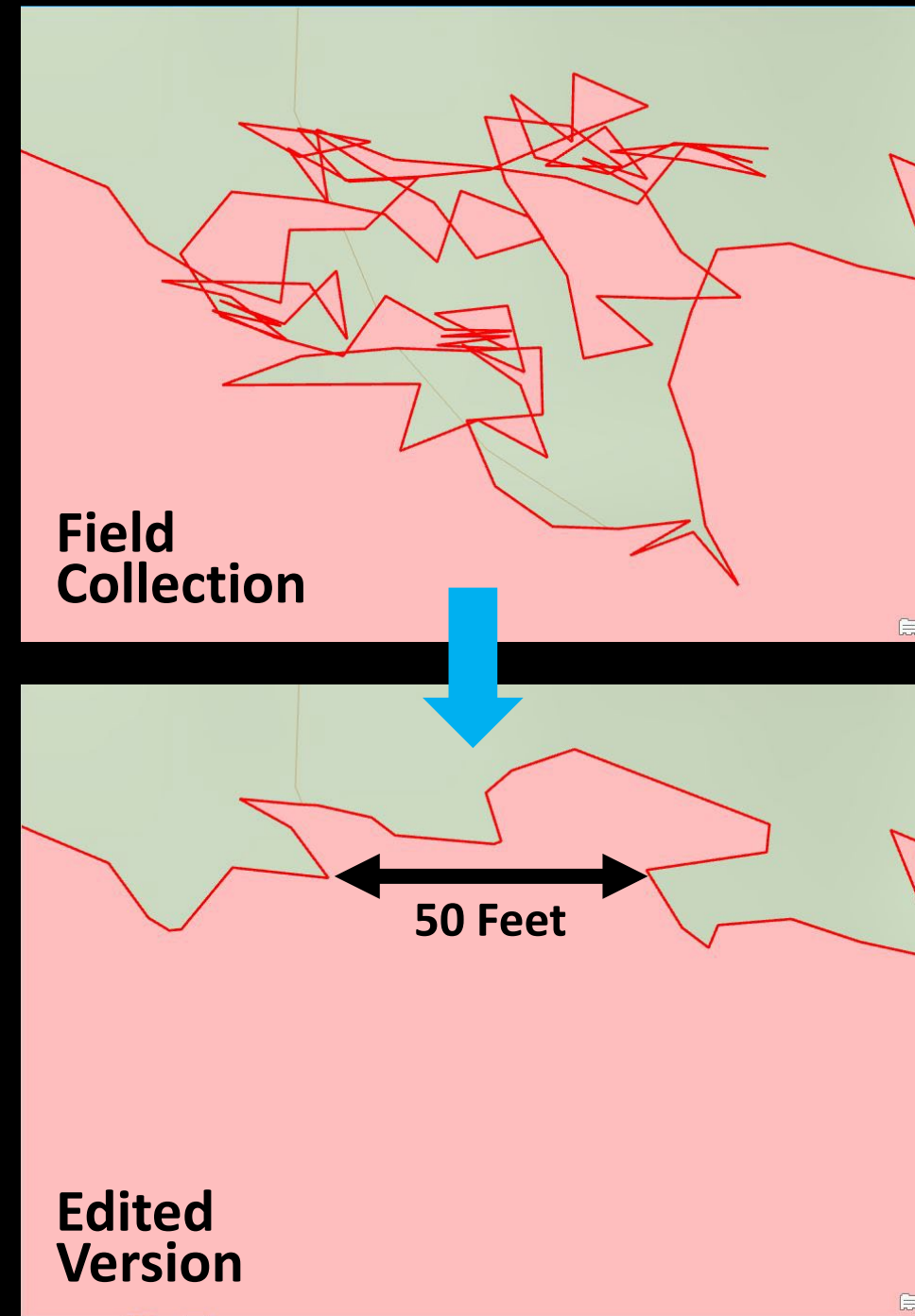
- Editing Data
- Creating Incident Maps
  - Common Types: Operations, PIO, IAP
- Technical Assistance
  - Field Maps
  - Avenza
  - InFORM (Mapping Functions)
  - GIS Desktop Products (ArcPro)
- Etc.





# Fire Perimeter Editing by GIS Staff

- You may see a GIS Specialist Name as the Last edit - 2 reasons:
  - If a new feature is collected. There is a unique code (IRWIN ID) that needs to be attached to the data fields of the new feature. GIS staff has to enter that code into the system so everything ties together.
  - Slight geometry editing: Smoothing Line, GPS “Spider Webs”



# InFORM – GIS

Adding Perimeters for Certification

- Perimeter from NIFS Via IA Field Map
- Uploading a zip file of all shapefile files
- Hand Sketch – Work with GIS staff, if needed

**Fires over 10 Acres Require a Perimeter, Under 10 Acres do not Require a Perimeter**

Annual Reporting – Staff is including any Fire perimeter collected and Certified

Perimeters Feed a LOT of Public Facing Sites

- InciWeb, Weather sites, etc.

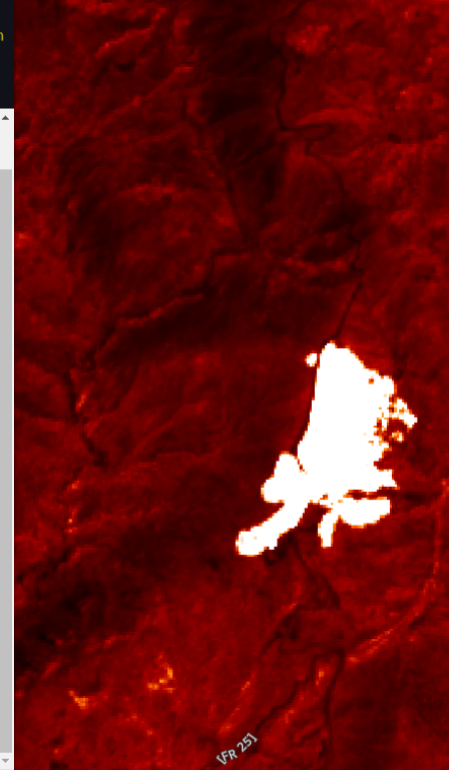
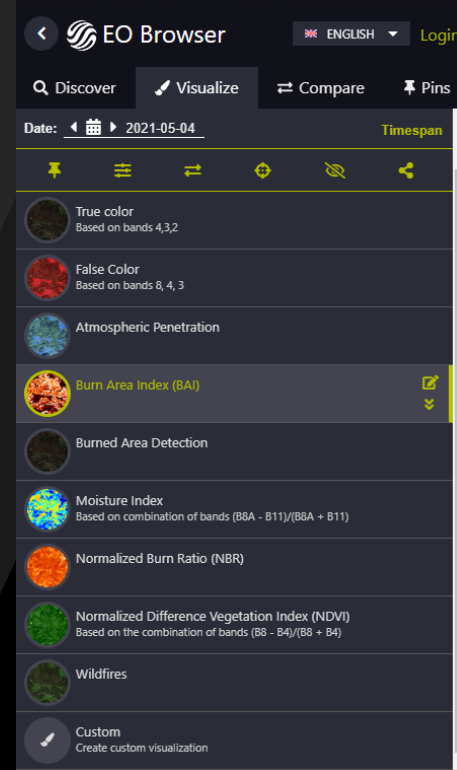
Point Outside of Polygon Issue

- Best way to update Point location is through Dispatch. Filtered into other systems.
- Point Location can be edited in InFORM
- GIS will work with FMOs at end of season

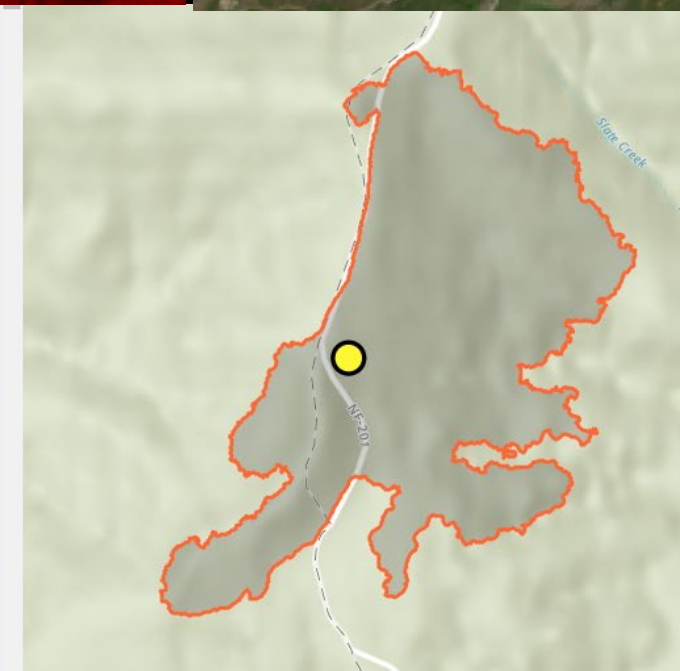
The screenshot displays the InFORM web application interface. At the top, there is a navigation menu with links for About, Applications, Launch InFORM, Tips, User Guide, Contacts, Feedback, FAQs, Change Log, and More. The main header features the InFORM logo and the tagline "One fire, one report, one authoritative data source." Below the header, the interface shows the "INSPECTOR v2.0.17" section for a fire incident named "Willow Springs". A blue banner at the top right of the incident view states: "This incident is complete and ready to be certified. Warning: Origin is outside perimeter". The incident details include: NAME: Willow Springs, ID: 2022-AZTNF-000700, DISCOVERY DATE: 05/20/2022 at 11:25 AM, and FIRE SIZE: 15.3. A green banner indicates "This incident is Certified and must be decertified before editing." Below this, a table lists incident details: INCIDENT NAME (Willow Springs), INCIDENT TYPE (Fire), INCIDENT CATEGORY (Wildfire), UNIQUE FIRE IDENTIFIER (2022-AZTNF-000700), LOCAL INCIDENT IDENTIFIER (000700), FIRECODE (PM8Y), FORID, RELATED IRWIN ID, USFS JOB CODE PREFIX (P3), and ABCD MISC. On the right side, a map shows the fire perimeter as a grey polygon with an orange outline. A yellow dot representing the incident origin is located outside the perimeter and is circled in red.

# Data Can be Obtained from Other Locations

- If you cannot collect the Perimeter there are other ways
- Imagery Data
  - [Sentinel](#) Satellite Data
- Some Limitations
  - Time: Once a week
  - Correct Conditions
  - Needs to be 10+ Acres

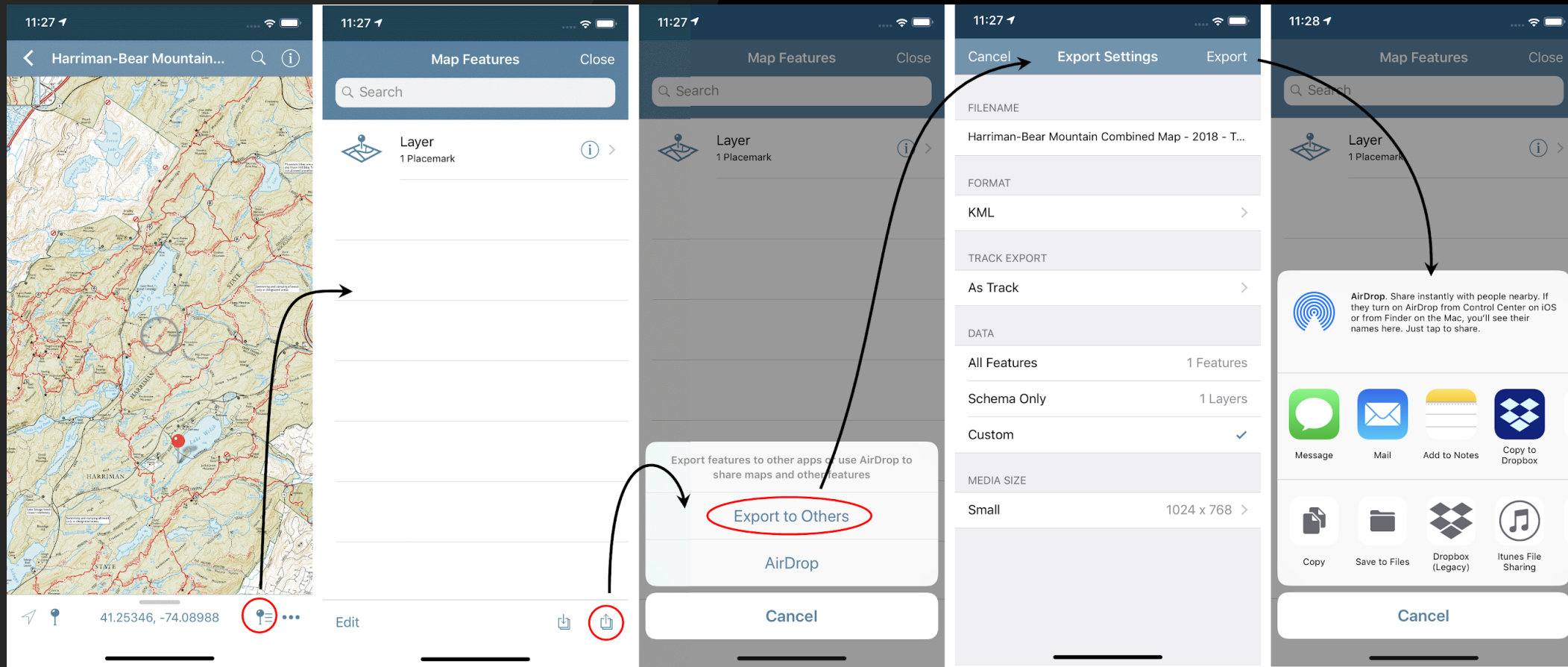


NAME	Spring	Incident Is Certified
ID	2021-AZTNF-000713	DECERTIFY INCIDENT
DISCOVERY DATE	05/02/2021 at 11:35 AM	
FIRE SIZE	65.93	
INCIDENT		
INCIDENT NAME *	Spring	
INCIDENT TYPE *	Fire	
INCIDENT CATEGORY	Wildfire	
UNIQUE FIRE IDENTIFIER *	2021-AZTNF-000713	
LOCAL INCIDENT IDENTIFIER *	000713	
FIRECODE *	NZ6E	
FORID *	{D66C7720-7A76-4CA1-A72F-3FE0CD68F35F}	



# Data can be Exported From Avenza

- Data can be Exported from Avenza Maps (How to [Video](#))
  - Shapefile, KML, etc.
- Does take some Data Conversions but can be easily entered and updated to be available for systems like InFORM reporting





# Avenza

**New FS Pro License Code - 3/1/24**

**[FS SharePoint Site for Avenza Info](#)**

- Need to be on FS Network

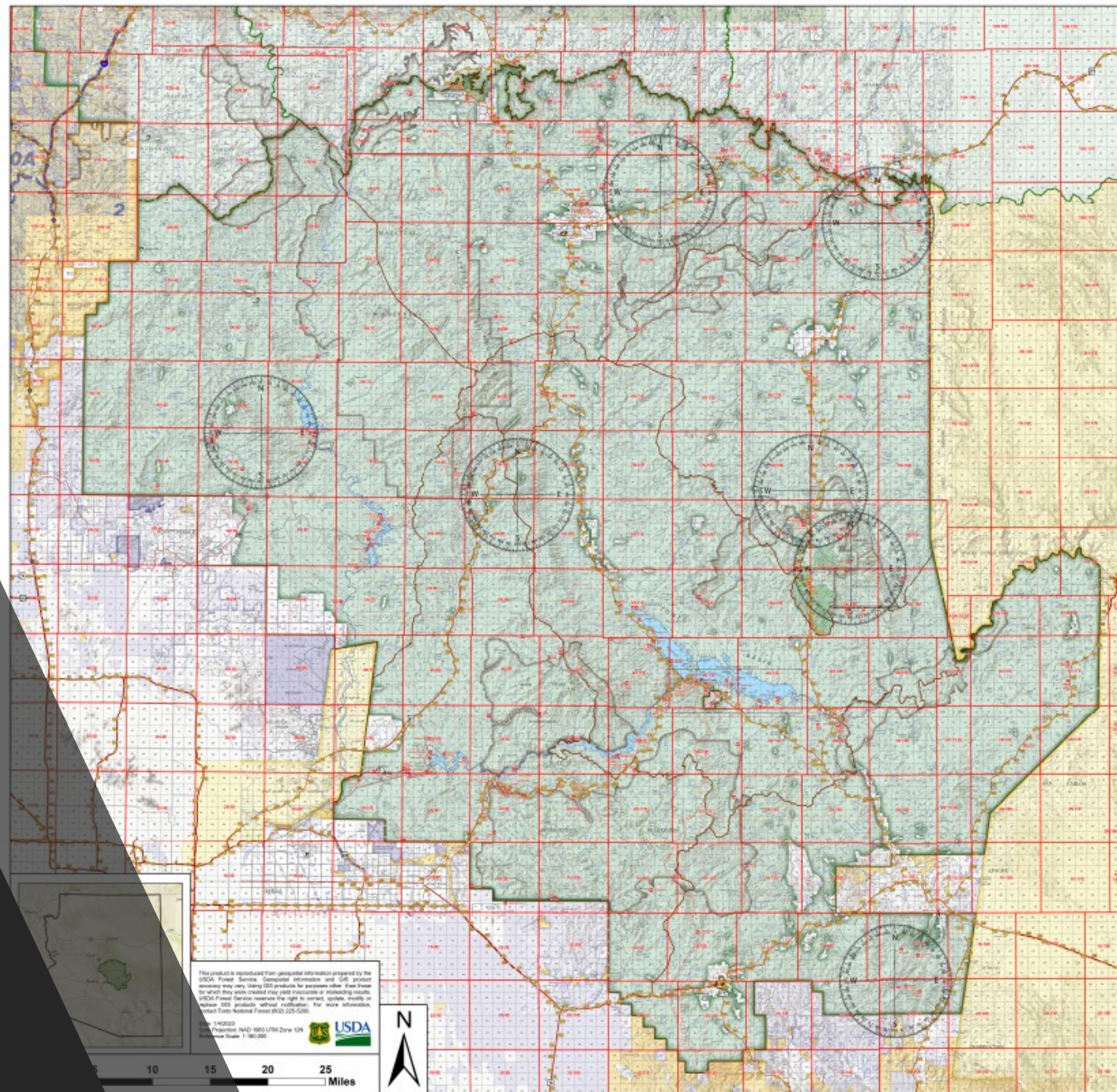
**Avenza Map Product Websites**

- **[Incident Specific Map Site](#)**
- **[Tonto General Fire Map Site](#)**
- **[Tonto Fuels Map Site](#)**

**How to Guides**

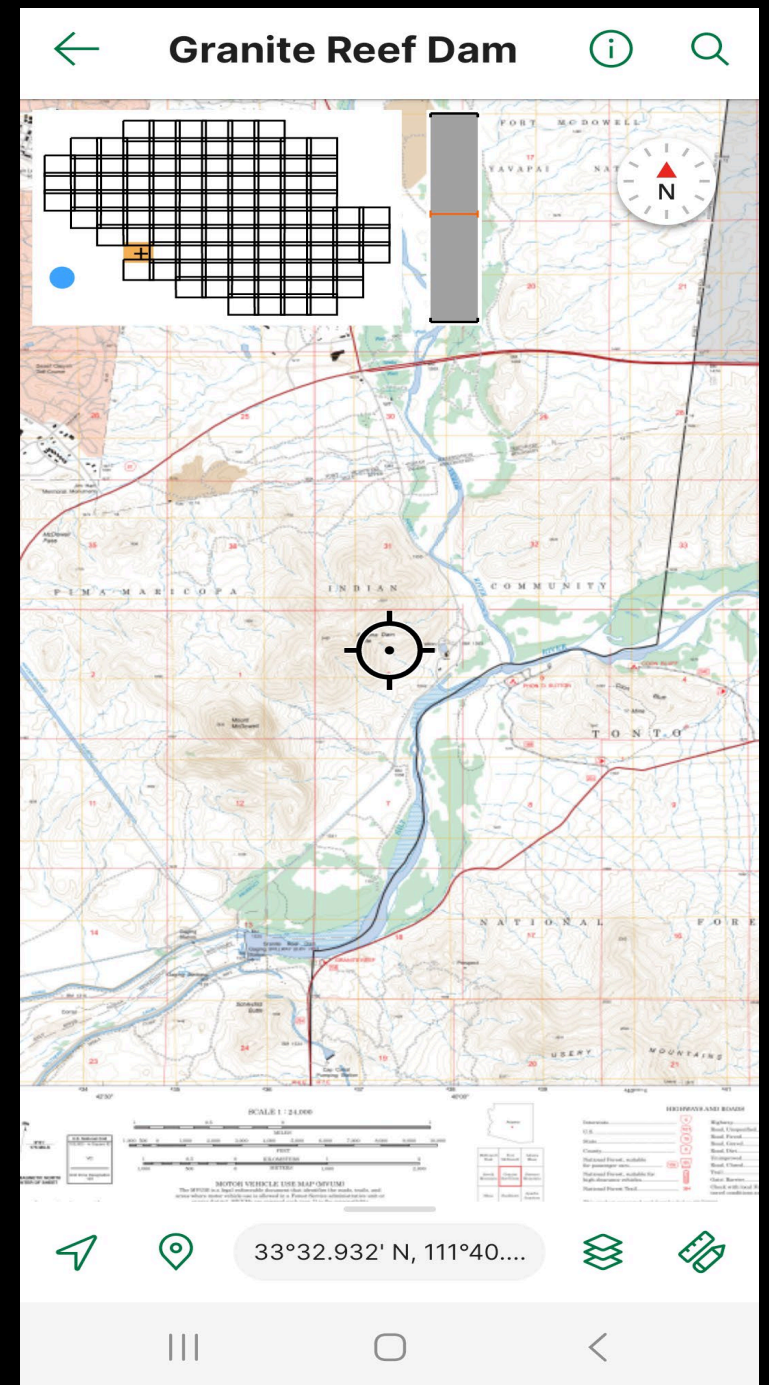
- **[FS Topo Bulk Download QR](#)**
- **[Tonto General Fire Maps QR](#)**

Tonto National Forest - Fire Resource



# Avenza – Bulk Load

- [PDF How to Document](#) with QR that will download all 24k FS Topo Quads that cover the Forest into a Map Collection
- This Bulk Load will download 102 FSTopo maps into a Collection roughly 5 GB in size
- The download process may take up to 1 hour to complete depending on network speeds
- Second page of document has QRs for Topo Quads by individual Districts that are smaller file sizes



# Tonto Fire Dashboard

## Tonto Fire Dashboard

AZ-TNF Fires Not Out

2023 AZ-TNF Fires

**2023 AZ-PHC Fires**

Tonto PODs

US Wildfire Activity

Fire WX Forecast

General Fire Info Sites

SWCC Fire Dashboard

NIFC Open Data

Total 2023 AZ-PHC Wildfires

378

Total 2023 AZ-PHC Human Caused Wildfires

277

Total 2023 AZ-PHC Natural Caused Wildfires

85

Total 2023 AZ-PHC Undetermined Caused Wildfires

16

Navigate using Tabs

Human Caused Wildfires

Human Caused Wildfire Acres

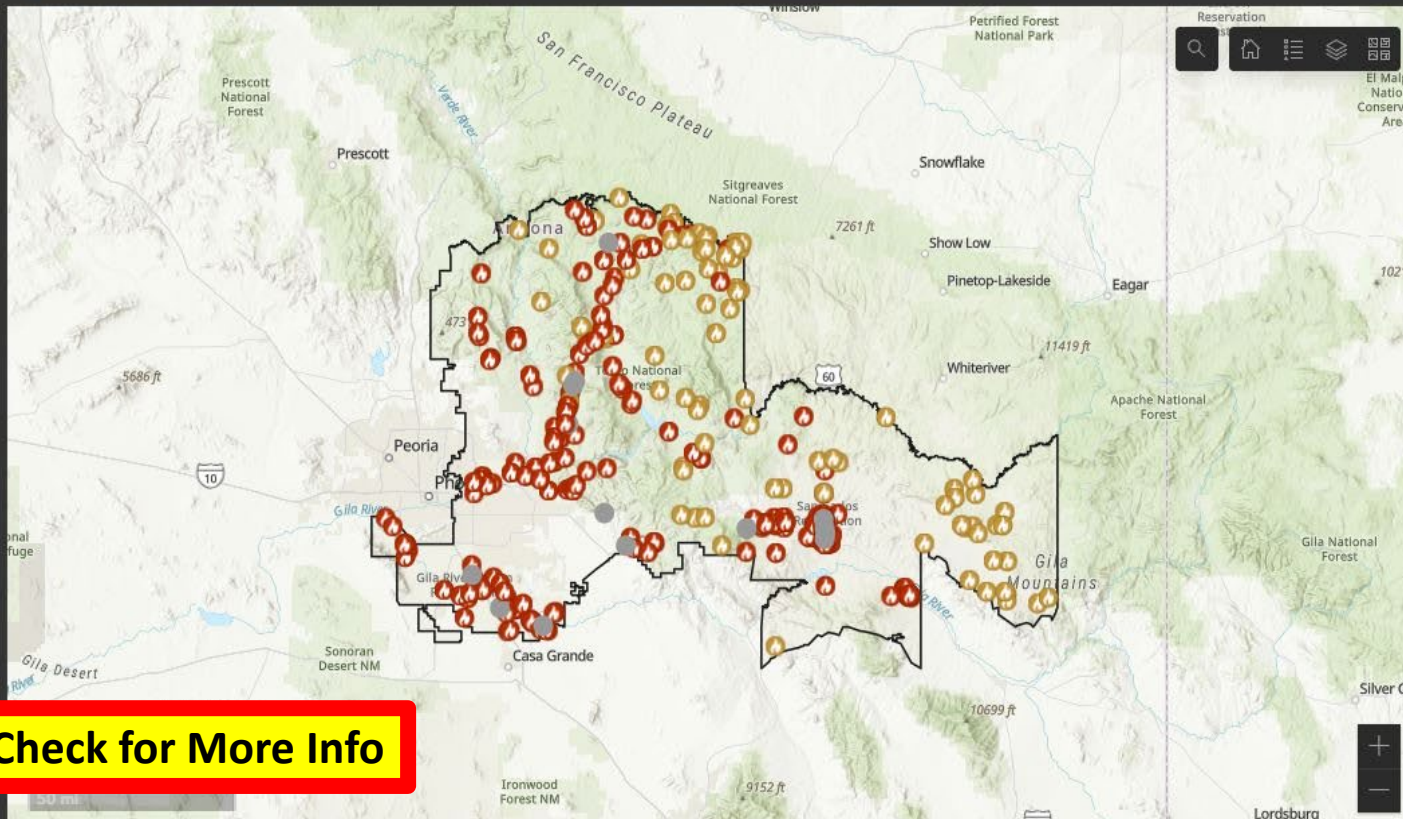
**Natural Caused Wildfires**

Natural Caused Wildfire Acres

Undetermined Caused Wildfires

Total 2023 AZ-PHC Wildfire Acres

31,209.72

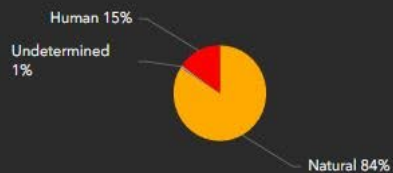


Check for More Info

2023 AZ-PHC Wildfires



2023 AZ-PHC Wildfire Acres



Airport

2023-AZSCA-001751  
0.10 Acres  
Discovered On 12/30/2023, 12:46 PM

Razor

2023-AZTNF-001750  
0.10 Acres  
Discovered On 12/30/2023, 7:30 AM

Boulder

2023-AZTNF-001749  
0.10 Acres  
Discovered On 12/29/2023, 8:42 AM

Cactus

2023-AZTNF-001744  
0.10 Acres  
Discovered On 12/19/2023, 12:55 PM

Tarp

2023-AZSCA-001739  
1.00 Acres  
Discovered On 12/18/2023, 11:33 AM

Knight

2023-AZPMA-001736  
3.00 Acres  
Discovered On 12/16/2023, 4:35 PM

Shooter

2023-AZTNF-001743  
0.10 Acres  
Discovered On 12/16/2023, 4:00 PM

Rail

2023-AZSCA-001737  
Last update: 9 seconds ago

# Tonto GIS SharePoint Site



Tonto National Forest GIS Program

Private group

Home GIS Software GIS Training and Tools GIS Data Locations Mobile/Web GIS

**Avenza and PDF Maps**

Fire GIS

Recycle bin Edit

★ Following

👤 1 member

## Avenza and PDF Maps

### Avenza

Mobile map app that allows you to download maps for offline use on your smartphone or tablet. Use the built-in GPS in your mobile device to locate yourself on any map and collect data.

- [Avenza Maps Support](#)

Navigate using Tabs



## [Forest Service Avenza SharePoint with Pro Subscription Information](#)

## Tonto Fire GIS

### Tonto Fire GIS Products have been updated for 2024

- [NEW - Multi-Factor Authentication \(MFA\) for NIFC Org Accounts](#)
  - [Set up guide](#)
- Tonto Fire GIS Field Maps:
  - [2024 Tonto NF IA Field Map](#) - Used for Suppression Incidents
  - [BASIC 2024 Tonto NF IA Field Map](#) **\*New\*** - Used for Suppression Incidents
    - Includes only National Data Layers. Can be utilized anywhere.
    - [Either Tonto IA or BASIC Tonto IA can be utilized for Incidents. Includes National Data Layers in Both.](#)
  - [Tonto NF Fuels Field Map](#) - Used for Fuels Treatments and Prescribed Fires
  - [TRAINING 2024 Tonto NF IA Field Map](#) - Used for Training

### Tonto IA Field Map Access:

- Download Field Maps Mobile App on Device
- Have a NIFC ArcGIS Online (AGOL) Account and be able to sign into Field Maps
  - To Request a NIFC AGOL Account, Fill out this [New Account Request Form](#)
- Become a member of the "SW Tonto NF - IA Map" ArcGIS Online Group
  - Send email to one of the Group managers (Brian Duqan, Frank Williams, or Christina

### Quick Links

[NIFC ArcGIS Online](#)

[NIFC Open Data](#)

[NWCG Standards for Geospatial Operations \(GeoOps\)](#)

[National BAER Forest Service SharePoint](#)

[Field Maps Resource Advisor Training \(Video\)](#)

### Printable Tonto Specific Documents

[Tonto General Fire PDF Maps QR Code](#)



# Reminders

- **Log in to Field Maps with NIFC Org account BEFORE going into the field to set up MFA**
- Technology is always changing, so bear with us
- Ultimately, Perimeters from IA Field Map can be certified in InFORM and then will be entered for end of year reporting
- Data is tied to National Databases
- If on Team Fire, Use the Team's Field Map
- Any issues - Contact GIS staff
  - Edits can be done easily and quickly on our end

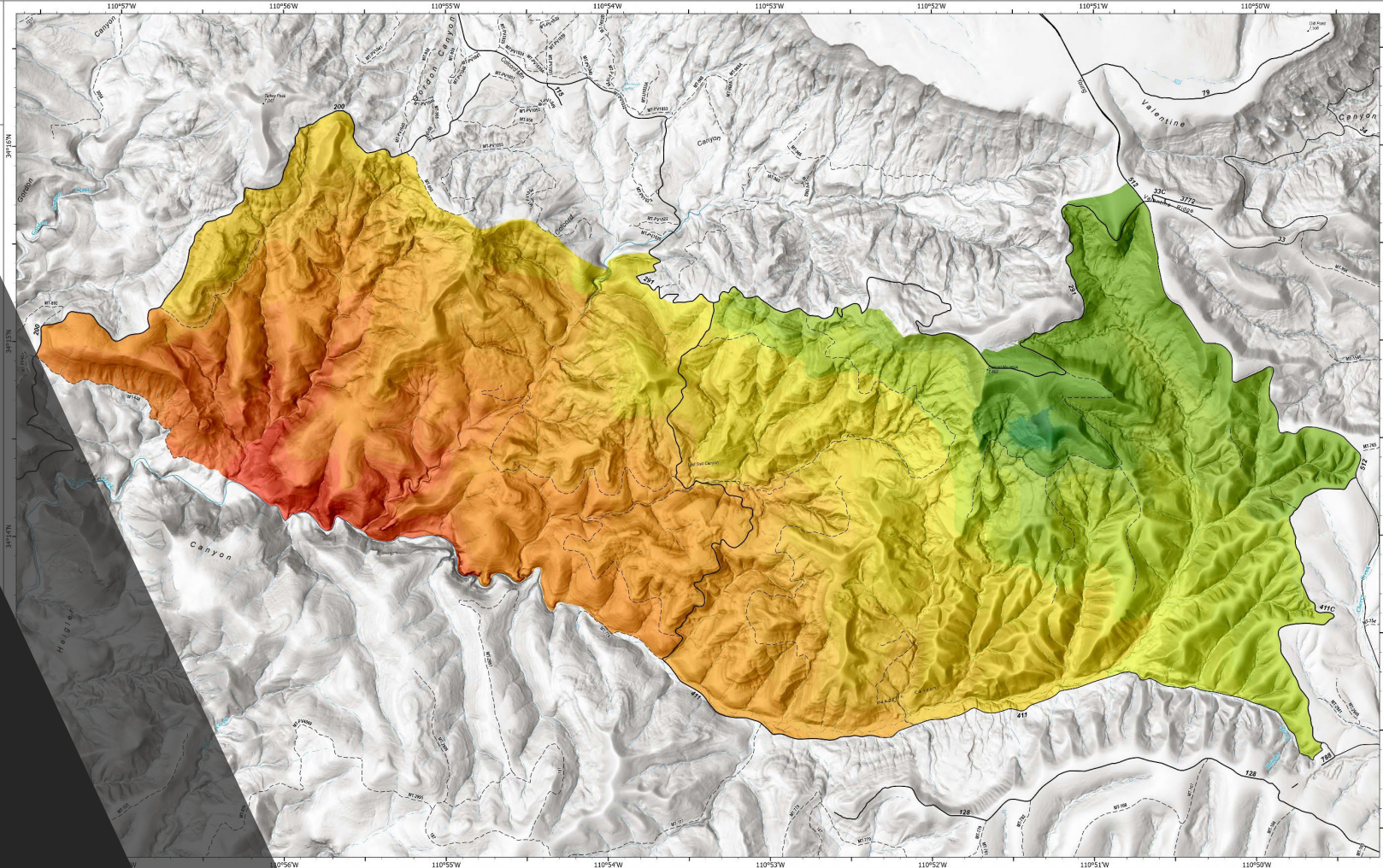


# FEEDBACK

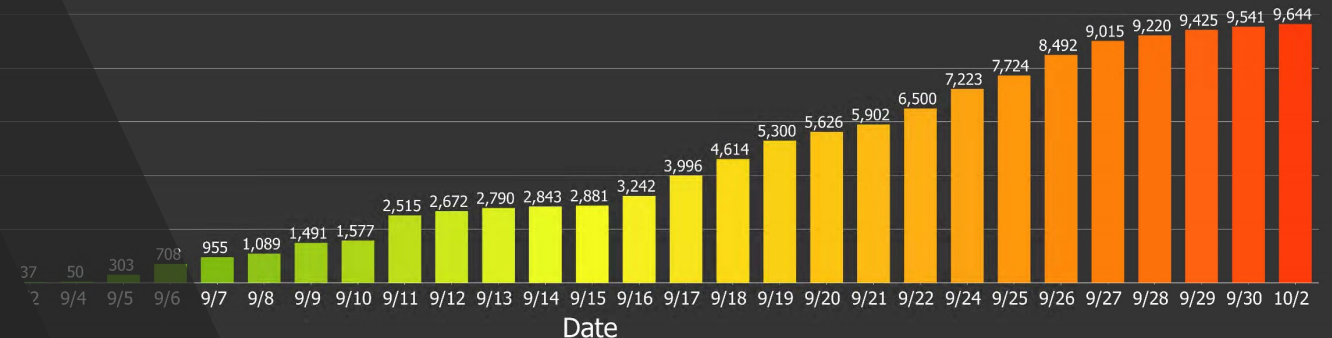
**PROGRESSION**  
 Valentine Fire  
 AZ-TNF-1315  
 10/3/2023  
 9,644 acres at 10/2/2023 @ 2000

Date	Total Acres	Change
8/19	7 Acres	+7 Acres
8/21	11 Acres	+4 Acres
8/30	26 Acres	+15 Acres
9/1	35 Acres	+9 Acres
9/3	37 Acres	+2 Acres
9/5	50 Acres	+13 Acres
9/7	303 Acres	+253 Acres
9/8	708 Acres	+405 Acres
9/9	955 Acres	+247 Acres
9/10	1,089 Acres	+134 Acres
9/11	1,491 Acres	+402 Acres
9/12	1,577 Acres	+86 Acres
9/13	2,515 Acres	+938 Acres
9/14	2,672 Acres	+157 Acres
9/15	2,790 Acres	+118 Acres
9/16	2,843 Acres	+53 Acres
9/17	2,881 Acres	+38 Acres
9/18	3,242 Acres	+361 Acres
9/19	3,996 Acres	+754 Acres
9/20	4,614 Acres	+618 Acres
9/21	5,300 Acres	+686 Acres
9/22	5,626 Acres	+326 Acres
9/23	5,902 Acres	+276 Acres
9/24	6,500 Acres	+598 Acres
9/25	7,223 Acres	+723 Acres
9/26	7,724 Acres	+501 Acres
9/27	8,492 Acres	+768 Acres
9/28	9,015 Acres	+523 Acres
9/29	9,220 Acres	+205 Acres
9/30	9,425 Acres	+205 Acres
10/1	9,541 Acres	+116 Acres
10/2	9,644 Acres	+103 Acres

- What Works?
- What Doesn't Work?
- Ideas for Future?



Total Fire Acres



# QUESTIONS?