

Utilizing the Event Attributes

The Event Schema was carefully designed to accommodate all aspects of incident data collection and mapping to eliminate the needs for multiple data sources. Included in the Event features are Event point, line, and polygon and Accountable Property.

DeleteThis

Domain: Yes, No

The Event_CollectorEdit service does not allow the deletion of data. Anyone using Collector for field data collection in the National Incident Feature Service should be instructed to use this attribute as a flag to tell the GISS to remove a feature added in error.

Example:

A FOBS walks a proposed dozer line and submits the track with Collector. Immediately after, the proposed line is changed to another trail. The FOBS flags the first track with a *Yes* in the DeleteThis field and proceeds to collect the new track.

At the ICP, the GISS deletes the flagged feature.

FeatureAccess

Domain: Public (available for Public maps or web sites); Cooperators (shared only with wildland fire agencies); Incident (only for use for incident staff); Restricted (sharing or viewing by a specific group).

This field should be used to designate levels of access to data both in exports and in map creation.

Each feature should be categorized by its highest level of accessibility. A definition query can be used in each MXD to limit the data based on the intended audience.

TIP: *The FeatureAccess and FeatureStatus fields are used together to provide a means of finely tuning feature visibility across maps and the web.*

Example:

FeatureAccess attributes

Fire Polygon: *Public*

Fire Line Features: *Cooperators*

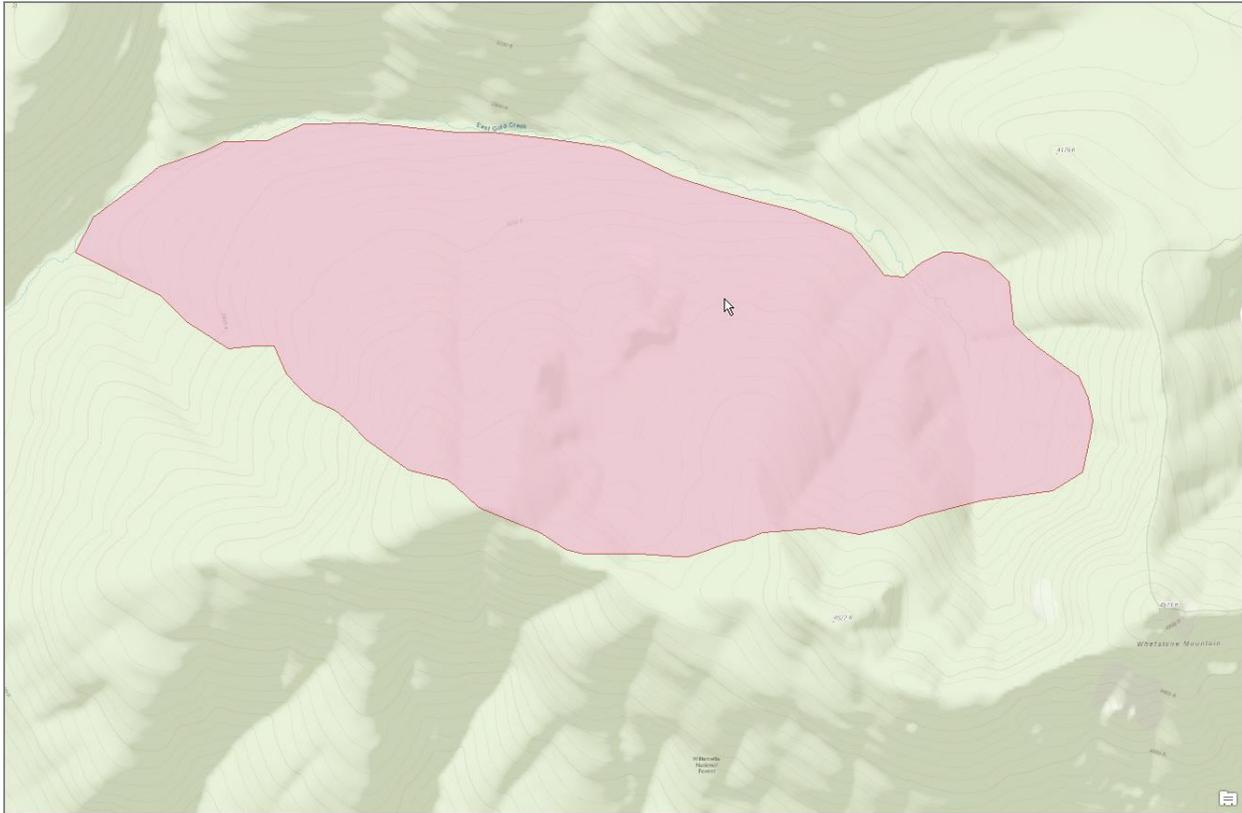
Proposed Burnout: *Incident Only*

Fire Origin (under investigation): *Restricted*

Typical Use in Incident Maps:

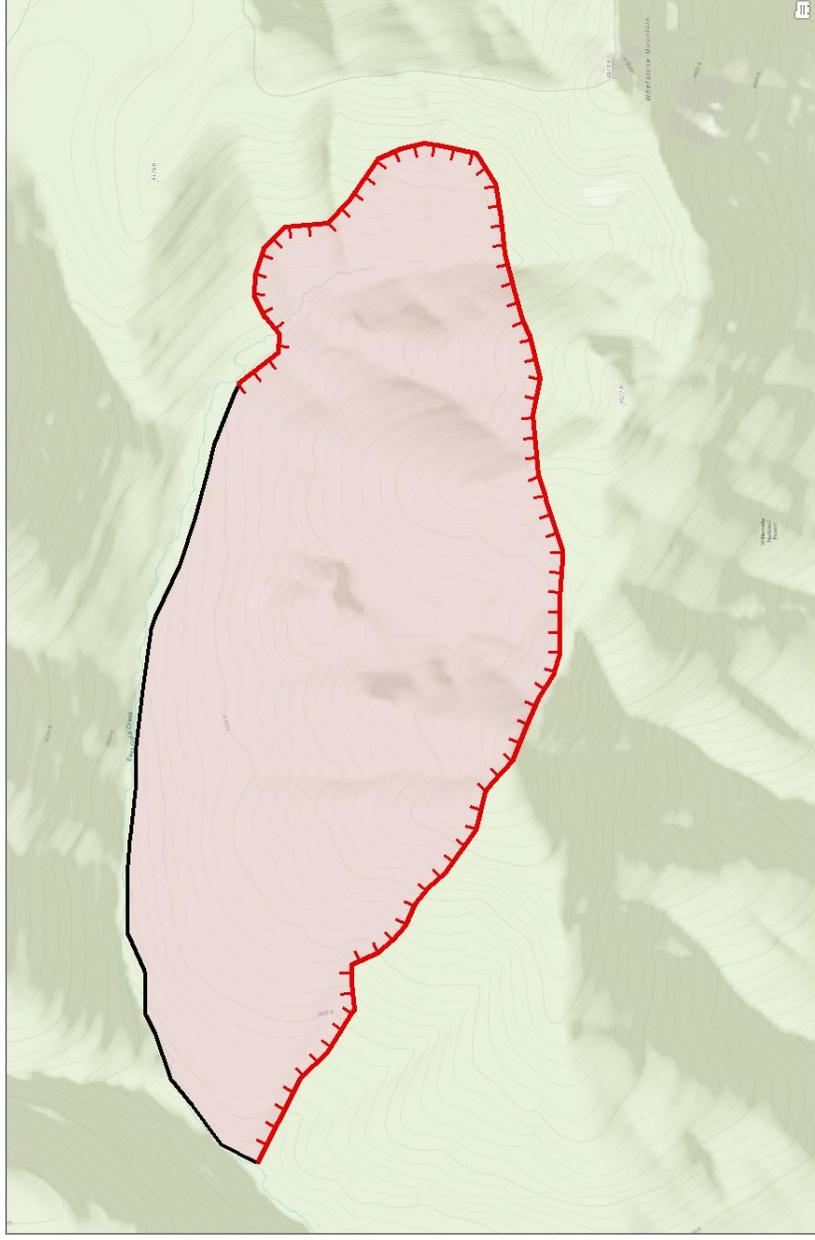
PIO Map: Use a definition query to only display *Public* features

Definition Query: "FeatureAccess" = 'Public'



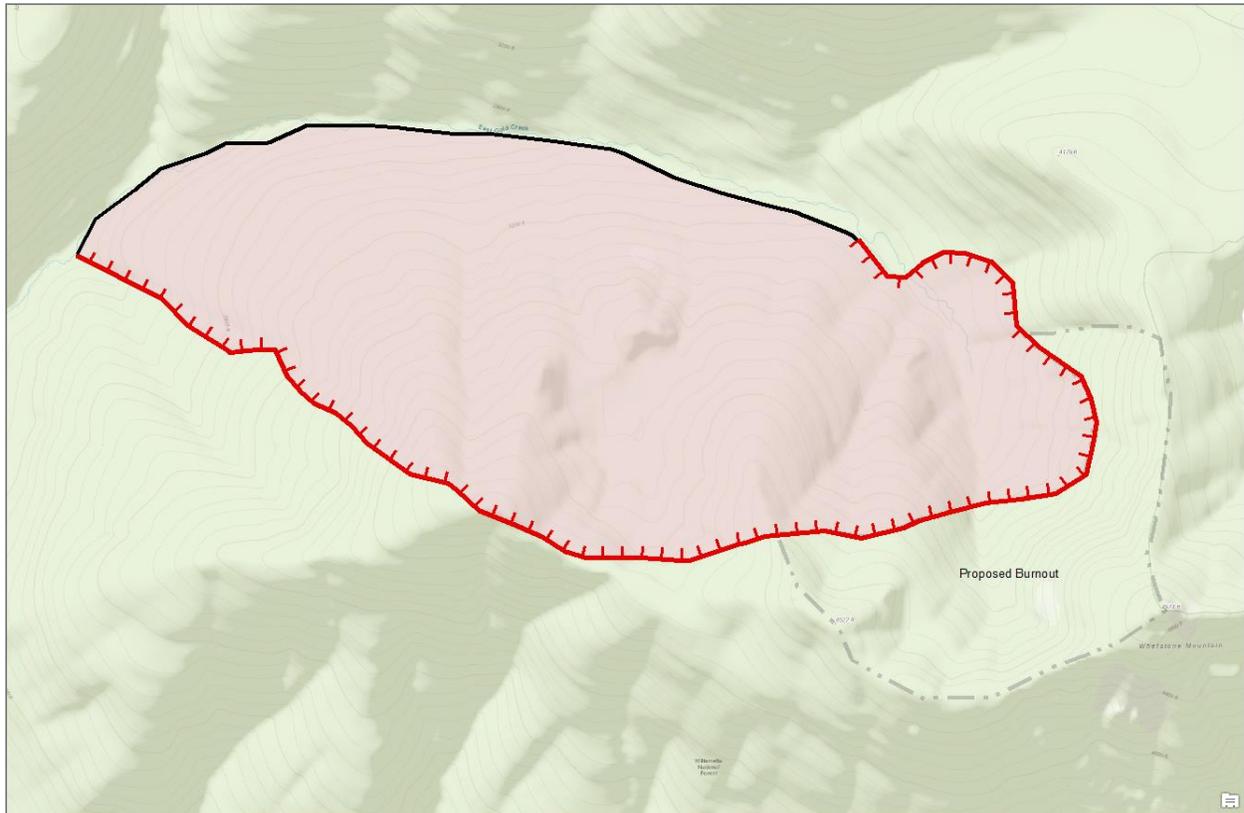
IAP, Briefing, Air Ops Maps: Use a definition query to display *Public* and *Cooperators* features

Definition Query: "FeatureAccess" IN ('Public', 'Cooperators')

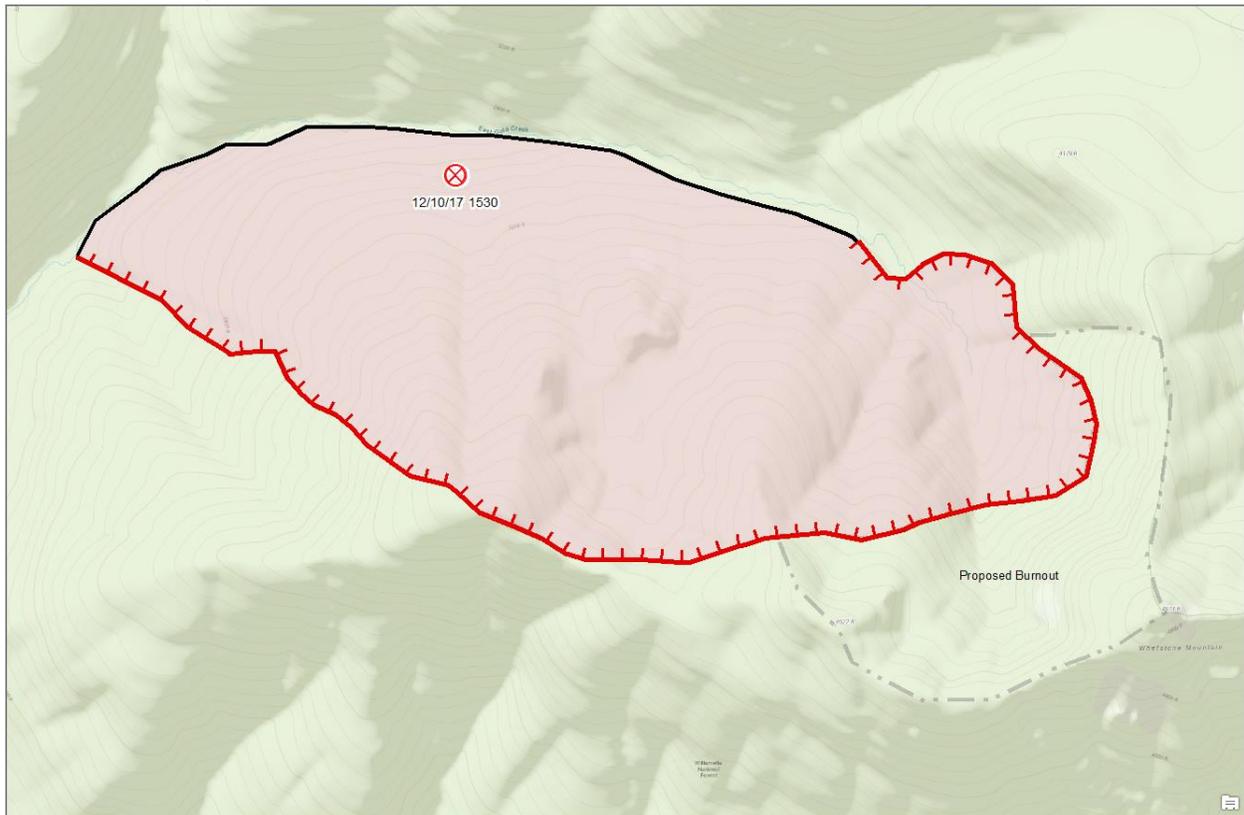


Situation, Operations, Firing Plan Maps: Use a definition query to display all features except *Restricted*

Definition Query: "FeatureAccess" <> 'Restricted'



Planning, Custom Maps: No definition query used, all features will be displayed, including *Restricted*.



NOTE: The above are just common examples. Desired feature visibility will vary by IMT, always check with the SITL to confirm the appropriate features are displayed in each map.

FeatureStatus

Domain: Approved (feature has been reviewed and approved for display), In Review (feature is not yet approved for display but is in review), Proposed (feature is not yet approved for display and has not been reviewed), Archive (feature is no longer relevant to the incident and should not be displayed)

Example:

This field is essential to the Approval Workflow (covered in the [Advanced Workflows Lesson](#)) What is most important to understand about this attribute for all incidents is that the default value in the Event GDB is *Proposed* and certain applications (such as Situation Analyst in EGP) will only display *Approved* features.

If not using the Approval Workflow, all features should be set to *Approved* to avoid confusion.

| FeatureAccess | FeatureStatus | Web Visibility |
|---------------|---------------------|--|
| Public | Approved | EGP Viewer, EGP Event_Public service, Feature Services, and pulled by GeoMac and other applications. |
| Public | Proposed or Archive | Feature services |
| Cooperators | Approved | EGP Viewer |
| Cooperators | Proposed or Archive | Feature services |
| Incident | Approved | Feature services |
| Incident | Proposed or Archive | Feature services |
| Restricted | Approved | Feature services *** |
| Restricted | Proposed or Archive | Feature services *** |

***Note: All features are visible in the EGP services if accessed from the REST endpoint or through AGOL. The services are not a location where truly sensitive data should be stored.

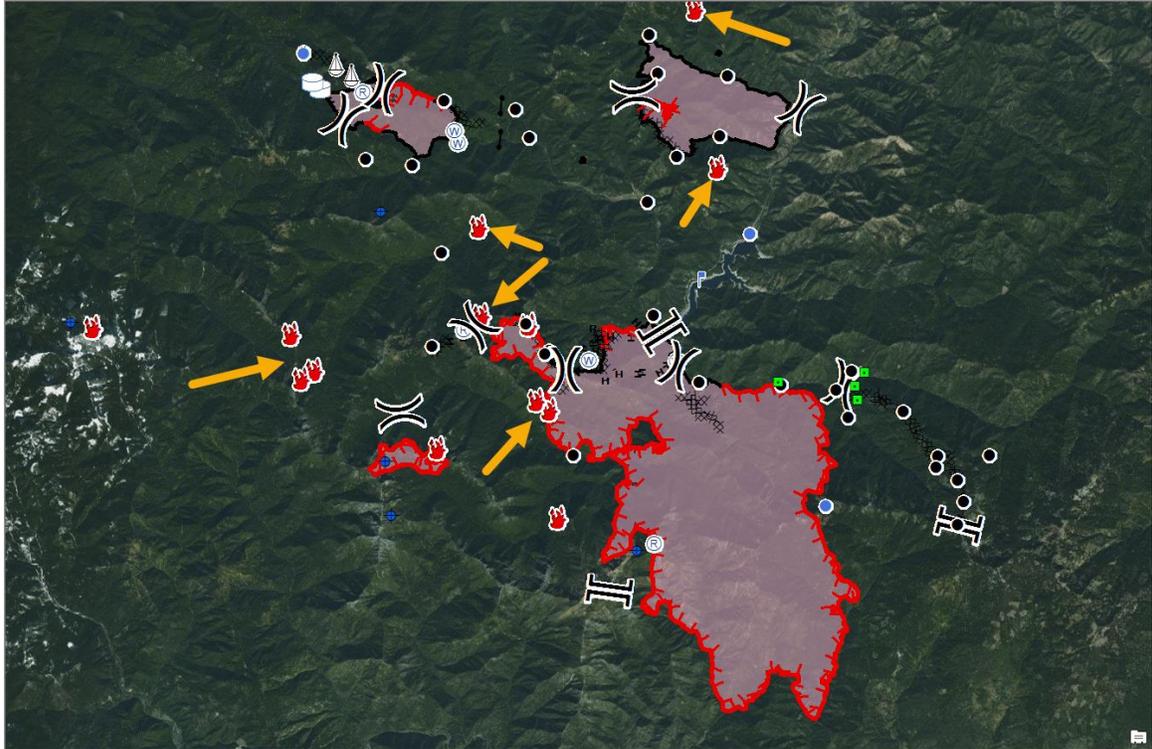
IsVisible

Use this field to easily flag features that do not need to be displayed in maps.

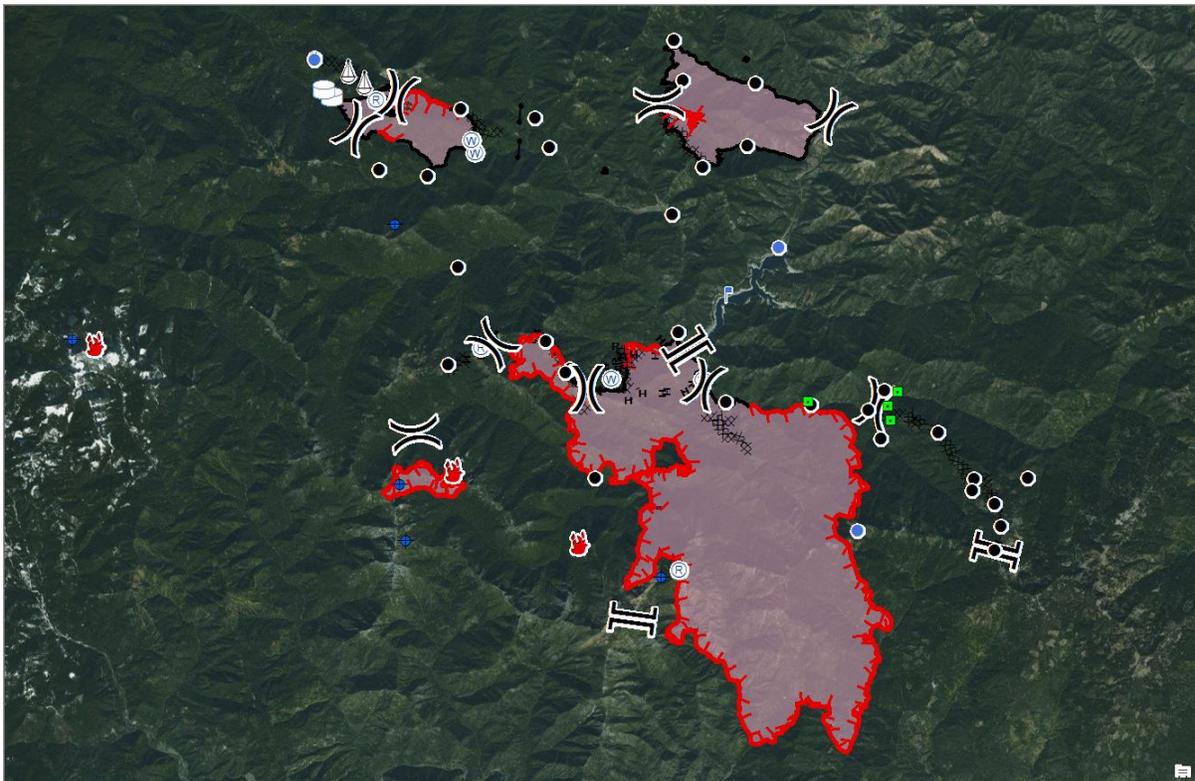
Domain: Yes, No

Example:

In the case of an ongoing Complex, small fires that are named but subsequently put out or consumed by larger fires should have their locations preserved, but will not be necessary on maps moving forward.



Set a definition query to remove all *No* attributed features from your maps (`IsVisible <> 'No'`).



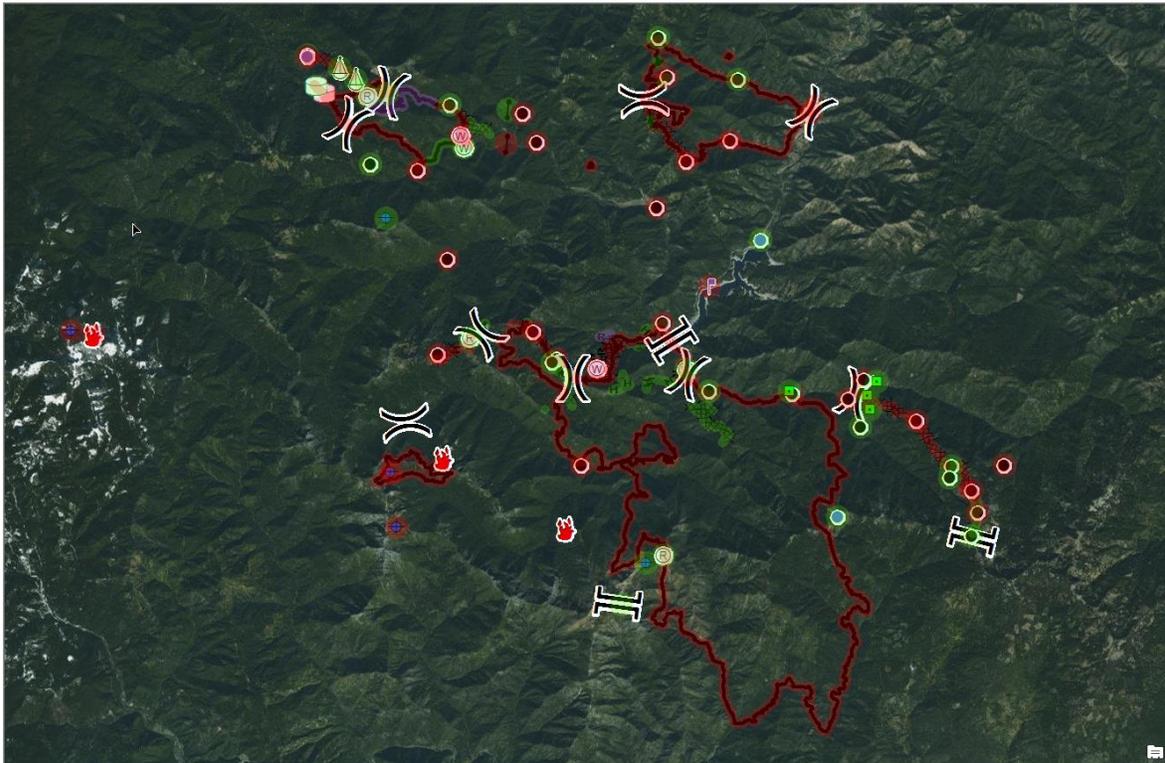
RepairStatus

Domain: No Repair Needed, Not Applicable, Repair Needed, In Progress, Completed - Ready for Inspection, Completed - Inspected, Other - See Comments

Example:

Track the repair status of a feature through this attribute to avoid the data management headache and potential conflicts in a second rehab database.

Add a second copy of Event Point and Event Line to your map and apply the Repair Status layer files to them. Set their transparency to at least 50% and place them at the top of the drawing order. You now have a simple means to track repairs and create Rehab Maps.



PropertyInfo

Accountable property information like pump serial numbers and other information to track ownership.

Example:

As opposed to creating a separate database for pump locations, add them to the Event Point feature class using the PropertyInfo and PointName fields to record their information. The IsVisible field can be set to *No* for all pumps so they will not display in maps.

Event Feature Attributes

Common to All Features (Point, Line, and Polygon)

IncidentName

The official name of the incident

Text Field. Configure default value in Editing Templates

Example: *Sunshine Fire*

FeatureCategory

Defines what the feature represents and its symbology

Has Domain for each Point, Line, and Polygon. Default Value: *Unknown*

Examples: *Helispot, Uncontrolled Fire Edge, Daily Fire Perimeter*

Collector

The name of the person who collected the feature

Text Field

Example: *Steve Rogers*

MapMethod

The means by which the feature was collected

Coded Domain. Default Value: *Mixed Methods*

Example: *GPS-Walked*

Comments

Space for any comments specific to this feature. Generally used by field editors

Text Field

Example: *Dozer line follows the fire edge to the division break*

DeleteThis

Used to indicate whether or not a feature should be deleted

Yes/No Domain. Default Value: No

Example: Yes

Label

To be used for displayed label in maps

Text Field

Example: *DP 30*

FeatureAccess

Can be used to limit features for certain maps based on the intended audience

Coded Domain. Default Value: *Cooperators*

Example: *Restricted*

FeatureStatus

Indicated the status of a feature. Used in the Approval Workflow

Coded Domain. Default Value: *Proposed*

Example: *Approved*

IsVisible

Can be used to limit visibility in maps for feature data that should be kept but does not need to be displayed

Yes/No Domain. Default Value: Yes

Example: *No*

CreateName

The person who created the feature. Will be the Login ID or AGOL ID when tracked

Text Field. Configure under Editor Tracking for automatic field population

Examples: *BWAYNE, bwayne_nifc*

CreateDate

The date and time the feature was created

Date Field. Configure under Editor Tracking for automatic field population

Example: *7/22/2017 1:21:26 AM*

EditName

The person who last edited the feature. Will be the Login ID or AGOL ID when tracked

Text Field. Configure under Editor Tracking for automatic field population

Examples: *CKENT, ckent_nifc*

DateCurrent

The date and time the feature was last edited

Date Field. Configure under Editor Tracking for automatic field population

Example: *7/22/2017 1:21:26 AM*

ContactName

Your Name

Text Field. Configure default value in Editing Templates

Example: *Peter Parker*

ContactEmail

Your Email

Text Field. Configure default value in Editing Templates

Example: *peter.parker@dailybugle.com*

ContactPhone

Your Phone Number

Text Field. Configure default value in Editing Templates

Example: *303-222-5555*

Point/Line/PolygonDateTime

The date and time that the feature was collected

Date Field

Example: *7/22/2017 1:21:26 AM*

ComplexName

The official name of the complex the incident is part of (if part of a complex)

Text Field. Configure default value in Editing Templates

Example: *Miller Complex*

ComplexID

The IRWIN ID of the complex the incident is part of (if part of a complex)
Globally Unique Identifier (GUID)
Example: {BE8A2C46-0B00-418F-9FBF-ED8E6625F430}

GACC

Geographic Area Coordination Center where the fire is located
Coded Domain
Example: *RMCC*

IMTName

The name of the Incident Management Team in charge of the incident
Text Field
Examples: *RMIMT1, Southern Area Blue Team*

UnitID

NWCG Unit Identifier for the governmental entity responsible for incident
Text Field
Example: *CORMP*

LocalIncidentID

Local incident identifier (dispatch number)
Text Field
Example: *000123*

IRWINID

The unique ID assigned to the incident by the IRWIN system
Globally Unique Identifier (GUID)
Example: {BE8A2C46-0B00-418F-9FBF-ED8E6625F430}

GeometryID

Primary key for linking geospatial objects with other database systems
Globally Unique Identifier (GUID)
Example: {BE8A2C46-0B00-418F-9FBF-ED8E6625F430}

GlobalID

Software required field for use of mobile apps and services
Application Maintained

Common to Event Point and Line

RepairStatus

Used for tracking the status of suppression repair
Coded Domain. Default Value: Unknown
Example: *Repair Needed*

RepairComments

Comments on on the suppression repair of the feature
Text Field
Example: *Hand line repaired to the ridge including opening cut in fence*

ArchClearance

Archaeological clearance
Coded Domain. Default Value: Not Cleared
Example: *Cleared for Hand Crew Repair*

LandOwner

Ownership of land
Text Field
Example: *BLM*

Unique to Event Point

Angle

Determines the angle of rotation for point symbology display
Double Field
Example: *45*

LatWGS84_DDM

The Latitude coordinate of the point in Degrees Decimal Minutes
Text Field
Example: *44° 27.285'*

LongWGS84_DDM

The Longitude coordinate of the point in Degrees Decimal Minutes
Text Field
Example: *-109° 44.967'*

PropertyInfo

Accountable property information such as serial numbers and item ownership
Text Field
Example: *Region 5 cache pump number 534538*

PointName

An additional field to assist with identifying the feature
Text Field
Example: *Historic Hartford Cabin*

Unique to Event Line

LengthFeet

Calculated length of feature in feet
Integer Field
Example: *1457*

LineWidthFeet

Width of the fireline
Text Field

Example: *15 feet*

Unique to Event Polygon

GISAcres

Calculate area of the feature in acres

Double Field

Example: *3675.45*

Accountable Property

IncidentName

The official name of the incident

Text Field. Configure default value in Editing Templates

Example: *Sunshine Fire*

FeatureCategory

Defines what the feature represents and its symbology

Has Domain for each Point, Line, and Polygon. Default Value: *Unknown*

Examples: *Helispot, Uncontrolled Fire Edge, Daily Fire Perimeter*

Collector

The name of the person who collected the feature

Text Field

Example: *Steve Rogers*

TrackableID

ID issued from the cache

Text field

Example: *GBK-0148-1148*

SerialNumber

Tracks property serial number

Text Field

Example: *5735391*

LastIncidentOtherOrder

Tracks the last incident the property was used on

Text Field

Example: *UT-MLF-008089*

IncidentSupplyNumber

Tracks property supply number given to the incident

Text Field

Example: *S#54837*

Label

To be used for displayed label in maps

Text Field

Example: *DP 30*

Comments

Space for any comments specific to this feature. Generally used by field editors

Text Field

Example: *Dozer line follows the fire edge to the division break*

LatWGS84_DDM

The Latitude coordinate of the point in Degrees Decimal Minutes

Text Field

Example: *44° 27.285'*

LongWGS84_DDM

The Longitude coordinate of the point in Degrees Decimal Minutes

Text Field

Example: *-109° 44.967'*

DeleteThis

Used to indicate whether or not a feature should be deleted

Yes/No Domain. Default Value: No

Example: Yes

FeatureStatus

Indicated the status of a feature. Used in the Approval Workflow

Coded Domain. Default Value: *Proposed*

Example: *Approved*

PointDateTime

The date and time that the feature was collected

Date Field in UTC (Coordinated Universal Time) (Manually calculate back to local time if needed)

Example: *7/22/2017 1:21:26 AM*

CreateName

The person who created the feature. Will be the Login ID or AGOL ID when tracked

Text Field. Configure under Editor Tracking for automatic field population

Examples: *BWAYNE, bwayne_nifc*

CreateDate

The date and time the feature was created

Date Field. Configure under Editor Tracking for automatic field population

Example: *7/22/2017 1:21:26 AM*EditName

DateCurrent

The date and time the feature was last edited

Date Field. Configure under Editor Tracking for automatic field population

Example: *7/22/2017 1:21:26 AM*

RepairStatus

Used for tracking the status of suppression repair

Coded Domain. Default Value: Unknown

Example: *Repair Needed*

IRWINID

The unique ID assigned to the incident by the IRWIN system
Globally Unique Identifier (GUID)
Example: {BE8A2C46-0B00-418F-9FBF-ED8E6625F430}

PropertyStatus

Used to track the status of the property
Coded Domain. Default Value: Unknown
Example: *Returned to cache*