NIFS IR Event Layers 2022

**IR\_Polygon**

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| --- | --- | --- |
| **Field** | **Options** | **Comments** |
| OBJECTID | Auto-populated |  |
| Incident Name | Anything can be entered here | If there is no GIS event Polygon already set up (1st few nights of IR flights) enter the name on the scan order. It’s the IRWIN ID that links the data to the Event polygon. For complexes with named individual fires, put the fire name here and the complex name in the “Complex Name” field. |
| FC IR Polygon Type |  | IR Heat Perimeter is default,  Use Cloud Cover for imagery obscured for any reason be it clouds, fog, plume, data corruption etc.  Use Area Covered by IR Flight if only partial coverage, otherwise full coverage is assumed. |
| Map Method |  | Mixed Methods is the default. Use “Mixed Methods” for IR Heat Perimeter unless you are sure that only IR is being used for the perimeter.  Use IR Image Interpretation for:  IR Intense Heat  IR Scattered Heat  IR Isolated Heat Source  IR Possible Heat Source  Cloud Cover, and  Area Covered by IR Flight |
| Comments |  | Sensor/aircraft  Local time of flight and time zone  Complex/individual fire names and issues  Partial coverage  Projection of GISAcres |
| GISAcres |  | This is not autocalculated. Use the projection the IMT is using. If unknown use UTM. |
| FeatureStatus |  | Proposed is default and should be left at this. |
| CreateName | Auto-populated |  |
| CreateDate | Auto-populated | Time is UTC |
| EditName | Auto-populated |  |
| DateCurrent | Auto-populated | Time is UTC |
| IRIN ContactName |  | IRIN name |
| IRIN ContactEmail |  | IRIN official email |
| IRIN ContactPhone |  | IRIN official phone |
| PolygonDateTime |  | Time of flight in **UTC** as MM/DD/YYYY HH:MM, should match imagery time stamp |
| Complex Name |  | Enter Cx name if part of one. (Added back in for 2022) |
| IRWINID |  | Get from Event poly or at link below |
| GlobalID | Auto-populated | See link below if not already in event polygon. Should be entered with the curly brackets {} |
| Shape | Auto-populated |  |
| Shape\_area | Auto-populated |  |
| Shape\_perimeter | Auto-populated |  |

For IRWIN ID

<https://nifc.maps.arcgis.com/apps/View/index.html?appid=cd2741b5509145168b2d75b959a12fb0>

**IR Point**

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| --- | --- | --- |
| **Field** | **Options** | **Comments** |
| Incident Name |  | See IR Polygon comments |
| FC IR Point Type |  | IR Isolated Heat Source is default |
| Map Method |  | IR Image Interpretation is default and should be left at this |
| Comments |  | Local time of flight |
| Latitude (LatWGS84\_DDM) |  | Not required. If requested use script (ArcPro) or calculate geometry (Arcmap) for **Y** coordinate (ranges from 25 to 50 for CONUS) in Degrees Minutes DDD MM.mmm |
| Longitude (LongWGS84\_DDM) |  | Not required. If requested use script (ArcPro) or calculate geometry (Arcmap) for **X** coordinate (ranges from -66 to -126 for CONUS) in Degrees Minutes DDD MM.mmm |
| FeatureStatus |  | Proposed is default and should be left at this. |
| CreateName | Auto-populated |  |
| CreateDate | Auto-populated | Time is UTC |
| EditName | Auto-populated |  |
| DateCurrent | Auto-populated | Time is UTC |
| PointDateTime |  | Leave blank |
| IRWINID |  | See IR Polygon comments |
| GlobalID | Auto-populated |  |
| OBJECTID | Auto-populated |  |
| IRIN ContactName |  | IRIN name |
| IRIN ContactEmail |  | IRIN official email |
| IRIN ContactPhone |  | IRIN official phone |
| Shape | Auto-populated |  |