

Field Maps: Best Practices



Defensible, Stand Alone



Defensible, Prep and Hold



Non-Defensible, Prep and Leave



Non-Defensible, Rescue, Drive By



Unknown

Collecting data for structure triage



08/2024

Collecting data for structures in Field Maps

Take Photo	Attach
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Limit your photos to somewhere around 3-4. Also, the last photo you take should be of the primary structure...this helps with the final printed product. The “attach” allows you to attach a photo already on your device.

First Name *this is the name of the person conducting the assessment...not the homeowner*

Last Name *this is the name of the person conducting the assessment...not the homeowner*

Inspector Position *your job code: STPS, DIVS, TFLD, etc.*

Inspection Date *important...just tap on the field and it will fill automatically*

Street Address *number and street name ***see last page for tips on ascertaining the address*

Subdivision Name *this field helps in the final product, in the sorting of the structure locations. It is important to pre-establish subdivision names and all assessment collectors use the same naming. This can also be the evacuation zones. Just be consistent. Also, best practices require subdivision name and street name here...” Buck View-main Street” (sub-street, no numbers)*

Structure Number *use this field if you will be using the same street address for multiple primary properties. Use 1 for the original primary/most obvious and the rest accordingly.*

Think large ranches or resort properties

Structure Type

- Residential
- Outbuilding
- Commercial
- Industrial
- Mixed use
- Other

Primary Structures *usually just 1. This helps in the tally of primary vs outbuildings count, and really gives an accurate picture when structures are lost.*

Is Building Occupied

- Yes
- No
- Unknown

Outbuildings *Any structure other than Primary at the same address. *see Structure Number.*

Fuel Type

- No wildland fuels
- Shrub or timber
- Slash
- Grass/tundra, northern hardwood litter
- Grass and shrub, hardwood litter

Defensible Space

- 100 ft treated
- 30 ft treated
- No defensible space
- More than 100 ft treated
- Less than 30 ft treated

Roof Material

- Noncombustible or not applicable (*metal*)
- Fire resistant-tar, rubberized (*asphalt shingle or EPDM*)
- Combination of fire resistant and combustible
- Combustible or no roof (*cedar shake*)

Siding Material

- Not applicable
- Rock, concrete, metal (*hardi-plank*)
- Vinyl
- Log construction
- Wood or open sided

Electric to Structure

- Yes (*conventional and solar or hard-wired generator*)
- No
- Unknown

Gas to structure

- Yes (*propane or natural gas*)
- No
- Unknown

Hazards

Access *make this decision on the largest apparatus that can access the property*

- T1 Engine
- T3/4 Engine
- T6 Engine
- Handcrew
- Other

Can your chosen apparatus turn around at this location?

Describe access *bridge weight rating, 4x4 required, etc*

Comm with ICP?

Water supply

- Pressurized hydrant(s) or fixed sprinkler system
- Reliable water source nearby
- Limited or dependent on electricity (*well water for house*)
- No reliable water source nearby

Safety Zone Present *you have already made this decision based on the Structure Triage category you selected below. Refer to your IRPG: defensible or non-defensible.*

- Potential safety zone(s) in area
- No safety zone(s) in area

*This is whether or not there is a Safety Zone at or near-by the structure being evaluated.
This is not based on your experience level or your potential tactics at this location.
Simply put: In your estimation is there a Safety Zone or not?*

Mitigation Time in Hours

Mitigation Description

Protection Resources *sprinklers, pumps, tanks, engine type, squad, crew...*

Structure Comments

Structure Triage Category:

- Defensible, stand alone (green house)
- Defensible, prep and hold (orange house)
- Non-Defensible, prep and leave (purple house)
- Non-Defensible, rescue, drive by (red house)
- Unknown (grey house)

Latitude *auto-populates when submitted*

Longitude *auto-populates when submitted*

FIRESCOPE Structure Triage Category

- Not threatened
- Threatened defensible
- Threatened non-defensible

FIRESCOPE Tactics

- Check and go
- Prep and go
- Prep and defend
- Bump and run
- Fire front following
- Anchor and hold
- Connect the dots
- Tactical patrol

Delete this feature?

- No
- Yes-No Longer Needed
- Yes-Editing Mistake

See the best practices description below for additional details on deleting.

Data collecting tips....



Tap > Pencil Icon to open and edit the triaged point and alter that triaged structure



Tap > this to Copy Attributes (all fields filled out) to your next data collection point

This is handy when working along a street or in the same subdivision.

To Edit multiple properties all at once:

Tap > the 3 *dots* in the top right corner of your screen

Tap > *Edit Multiple*

Lower left of screen should show > *Select Items*

Tap > Each structure icon/location you'd like to edit. They should now be highlighted and listed on your Selected Items.

Tap > *Continue* in the top right corner of your screen.

>Now edit the fields that you would like to add information for and remember this will change every triaged structure you have selected for that field.

>Now hit > *Submit* in top right corner. You can > *Cancel* this operation at any time up until you hit Submit (by hitting Cancel in top left corner)

Done.

> You will not be able to delete anything you submit, only SITL/GISS has that power.

Deleting Triaged Structures. You can't delete! But you can request to have an item deleted.

Simply edit the Triaged structure: Go all the way to the bottom of the fields to

"Delete this feature" then select the reason for deleting. No Longer Needed or Editing Mistake

I then delete/empty all fields for that point; then under "Structure Triage Category" I select "Non-Defensible, Rescue Drive By" (Red Structure) then I move the cross hairs for its location into a lake or large river...just to get it out of my work area.

***be sure and hit update and submit as needed!

Street address If you're able to determine the street address for a given property, let's put that in the data set. Of course you can pick it up from the property itself, if it is posted. Another method is to open the > *USA Structures* toggle in your *Layers*.

Once you toggle it on or operational, you'll notice small grey squares/polygons that now appear on your map, typically where structures are located. Now tap on the structure polygon like you're wanting to make a *Dropped Pin*. (Kind of hold your finger there for a second) Once the *Dropped Pin* drop down appears on the left side of your screen you should be able to now view the address of that particular structure.

This doesn't work all the time but often times it does. And sometimes it even works when you're working on a map that is loaded on to your device.

Add Offline Area This is good practice to add an Offline Area to your device before you leave ICP/WIFI. This will allow you to run Field Maps out in an area that does not have service which is almost everywhere we work.

To accomplish this, you'll need access to the map the incident is using (you should have been added to the group by SITL).

Under your Maps, tap on the map for the incident. This should open a window which will give you the option to Add Offline Area. Tap on this option. This will bring up a new window called Add Offline Area. Down at the bottom left you'll notice Level of detail (sometimes). If you click on it (should appear as street at first) then you can select the level of detail you would like to use. Street is fine. Some SITL's preset this so you don't have to worry about it.

Then in the top right you will notice the open book icon...tap on that...then select TFR. (Not every Team does this) This will give you a map of the entire incident. Otherwise, you can pan and zoom to the area you'd like to work within. And generally, the TFR is a good area to download to your device.

Then hit > *Download area*. Once downloaded you can name it whatever you like. And you can have multiple Offline Areas on your device.

Remember to > *Sync* your map before leaving ICP and upon returning, every day.

Also, pictures attached to triaged structures don't come over to a downloaded map.

Battery Life If you run with your device in > *Airplane Mode* you should get longer battery life.

Auto-Sync If you go into your Field Maps settings find Auto-Sync...toggle this off...otherwise your device will be trying to sync all your work all the time and kill your battery life.

