

## Lesson 16 –Management Action Points

*Estimated time to complete: 15 minutes*

In Lesson 14, you developed Incident Objectives and Requirements and in Lesson 15, you developed a new COA to achieve those Incident Objectives and Requirements.

In this lesson, you will learn about Management Action Points (MAPs) and add them to your training exercise if you wish.

### Management Action Points (M.A.P.s)

Management Action Points (M.A.P.s) are clearly specified incident conditions that, when reached, prompt a predefined modification to existing fire management actions, or trigger the implementation of new strategies and/or tactics. M.A.P.s are usually spatial, but can also be temporal or otherwise tied to conditions that cannot be conveyed geographically using points, lines, or polygons.

Incident owners or editors can create M.A.P.s for an incident and include text that describes the predefined conditions, associate management actions, resources that will be needed and the estimated monetary cost of implementing each M.A.P. Incident conditions defined by M.A.P.s can be related to fire activity, smoke, weather, fuels, calendar dates, resource availability or an combination of any of these (and other) elements. If the incident conditions defined by the M.A.P. are met, timely implementation is generally critical for successful accomplishment of the incident objectives. The following are examples of M.A.P.s:

- “If active fire approaches within 100 yards of MAP1 (the Fuego Canyon Road), burn out the grassy vegetation along the roadside. Use engines on standby to suppress any spot fires across the roadway.”
- “If Red Flag winds are forecast and if the fire is not contained, remove all ground forces from the MAP2 polygon. Monitor fire activity from the Red Bear Lookout and, as conditions allow, use aerial resources to pick up any spots across the M.A.P. boundary.”

While M.A.P.s are generally incident-specific, some units have pre-planned M.A.P.s for sensitive areas, or reuse M.A.P.s from previous fires in the same area. You can download single or multiple M.A.P shapes from the Situation map and from the M.A.P menu option.

Incident owners or editors can choose to include WFDSS-generated map captures of individual or all M.A.P.s in a decision. The selection, made atop the Mgmt Action Points menu option page, can be changed as additional decisions are published and M.A.P.s are updated and/or created.

### Creating Management Action Points (M.A.P.s)

Incident owners or editors can create M.A.P. shapes on the Situation map, and text for M.A.Ps on the Management Action Points menu option. (Users can also access the menu option from the COA vertical tab in the default decision editor.) When you draw a M.A.P shape, you can associate it with new or previously created M.A.P. text. When you create M.A.P. text, you can associate it with a saved M.A.P. shape. (One shapefile can be associated with many sets of text but a set of text can only be assigned one

shapefile containing a single or multi-part shape.) You can also associate the shape with text at a later time, from the Management Action Points menu option.

Until an M.A.P. is activated, only incident owners and editors can view, edit, or delete it. Once activated, the M.A.P. is no longer editable. Activated M.A.P.s are automatically included in the next decision, unless you actively choose to exclude them. You can exclude M.A.P.s from a pending decision if they are no longer applicable.

### *To create a M.A.P.:*

1. From the WFDSS Incident List, select the incident you want to create management action points for.
2. Click **View Information**. The Edit Incident page appears.
3. From the left menu, select **Mgmt Action Points**. The Management Action Point List page appears.
4. Click **Create Management Action Point**. The Create Management Action Point page appears.
5. Accept the displayed MAP number in the text box, or enter one of your own.
6. Enter an estimated cost for implementing this M.A.P. (You can use the worksheet found in the [Related Resources > WFDSS Tools](#).)
7. Select a shape to associate with the M.A.P. (See [Maps and Shapes](#) for information on creating and uploading shape files.)
8. Enter a Condition.
9. For example, "The fire reaches Black Oak Ridge".
10. Enter an Action.
11. For example, "Close Black Oak road, and evacuate Little Town".
12. Enter the Resources you need to implement this M.A.P.
13. Click **Save**. The M.A.P. is assigned a number and added to the M.A.P. List. The Create Management Action Point page refreshes so that you can create additional M.A.P.s.
14. If you want to include images of individual or all M.A.P.s in the decision, select one or both **Images to Include** options atop the page.

### **Downloading Management Action Point (M.A.P.) Shapes**

Incident owners and editors can download individual and batch Management Action Points (M.A.P.s) from the M.A.P. menu option and from the LayerSwitcher, the list of available map layers located beside the Situation and Analysis maps.

Individual M.A.P. shapes, both with and without associated text, can be downloaded by expanding the individual shape details in the LayerSwitcher, and then clicking the download tool. If you use the Download tool located beside the Mgmt Action Points map layer or the Download Shapes option from the Mgmt Action Points menu option, you can only download M.A.P. shapes that have associated text. M.A.P. shapes included in the current pending decision are automatically selected in the list for download, and 'excluded' shapes are deselected. You can edit the selections, to customize the download for your particular needs.

### *To download individual M.A.P. shapes from a map display:*

1. From the Incident List, select the incident for which you want to download shapes.

2. Click Assess Situation. The Situation map appears.
3. From the **Map** tab in the left frame, locate and then open Mgmt Action Points in the Incident map layers.
4. Click the expand  arrow beside the shape you want to download.
5. Click the Download Shape  tool. The File Download window appears.
6. Click **Save**. The Save As window appears.
7. Navigate to the folder where you want to save the file.
8. If necessary, change the file name.
9. Click **Save**. The ZIP file for the shape is saved to the folder you specified.

***To download multiple M.A.P. shapes from a map display:***

1. From the Incident List, select the incident for which you want to download shapes.
2. Click **Assess Situation**. The Situation map appears.
3. From the **Map** tab in the left frame, locate Mgmt Action Points in the Incident map layers.
4. Click the Download Shape  tool located to the right of the Mgmt Action Point map layer. The Download Multiple Management Action Points window appears.
5. Select the M.A.P shapes you want to download.
6. Click **Download M.A.P.s**.
7. Click **Save**. The Save As window appears.
8. Navigate to the folder where you want to save the file.
9. If necessary, change the file name.
10. Click **Save**. The ZIP file for the shape is saved to the folder you specified.

***To download M.A.P. shapes from the Mgmt Action Point menu option:***

1. From the Incident List, select the incident for which you want to download shapes.
2. Click **View Information**. The Incident Information page appears.
3. From the list of menu options in the left frame, click **Mgmt Action Points**.
4. Locate the list of M.A.Ps at the bottom of the page, and then click the **Download Shapes** option above it.
5. The Download Multiple Management Action Points window appears.
6. Select (or unselect) the M.A.P. shapes you want to download.
7. Click **Download M.A.Ps**.
8. **Save**. The Save As window appears.
9. Navigate to the folder where you want to save the file.
10. If necessary, change the file name.
11. Click **Save**. The ZIP file for the shape is saved to the folder you specified.

**Search for these related topics in the help:**

- [Creating an M.A.P.](#)
- [Assigning Shapes to a M.A.P.](#)
- [Editing a M.A.P.](#)

- Deleting a M.A.P.
- Activating a M.A.P.
- Versioning a M.A.P.
- Excluding a M.A.P.
- Downloading M.A.P. shapes