



## WFSS 3.12 Release Notes (3.12 deployed October 6-7, 2010)

### I. General Enhancements

- a. 'Hover' icons were added for the majority of action icons within WFSS. That is, if an action occurs when a user clicks on an icon, the appearance of the icon changes when the mouse hovers over the icon. This is intended to provide a visible cue to users that clicking on the icon will cause an action to take place. This enhancement includes the following:
  - i. Expand / Collapse icons
  - ii. Activity icons (on the My Home page)
  - iii. Pagination icons
  - iv. Help icon
- b. An 'Excel Spreadsheet' icon () was added to the left-most column header of several lists. Clicking on the icon allows the user to download the contents of the list into a Microsoft Excel spreadsheet. If the list is expandable, the complete set of columns will be included in the spreadsheet regardless of whether the list is expanded or collapsed. This enhancement applies to the following lists:
  - i. Incident List
  - ii. Analysis List
  - iii. Strategic Objectives / Management Requirement Lists
  - iv. User List within the Administration perspective

### II. Incident Perspective

- a. The incident creation business rules associated with a user's Geographic Area were relaxed. All users with incident creation privileges are allowed to create incidents in any geographic area. A warning message is displayed when a dispatcher creates an incident outside of their geographic area since dispatchers are limited to updating incidents within their current geographic area. Consequently, dispatchers will still need to change their geographic area if they update incidents in multiple geographic areas. The 'Batch Upload' of incidents is still restricted to a single geographic area.
- b. An 'Estimated Cost' filter was added to the incident / intelligence filter pages. Two fields (Minimum Cost and Maximum Cost) were added to the Decisions section on the filter pages. The costs apply to the most recently published decision for the incident. Consequently, 'Incidents with published decisions' must be checked in order for a Minimum Cost and / or Maximum Cost to be entered.

**Decisions**

- Incidents with no decisions
- Incidents with pending decisions
- Incidents with published decisions

- Any published date
- Published in last  days
- Published On

Minimum Cost  Maximum Cost



- c. The 'Courses of Action' sub-menu item was changed to 'Course of Action' to make it clear that WFSS only permits a single 'Course of Action' to be defined at a given point in time.
- d. Near Term Fire Behavior (NTFB) was added as a selectable 'Fire Behavior Need' on the Fire Behavior Request page.

**Fire Behavior Request for 'Churches Park'**

Desired Date:   Desired Time:

**Fire Behavior Needs**

Long Term Behavior (> 6 days)  Short Term Behavior (1-3 days)  Near Term Behavior (1-6 days)

- e. A 'Contact Information' option was added to the left-hand menu of the Incident perspective. The 'Contact Information' page is composed of the following set of users:
  - i. The dispatcher who created the incident (if the incident was created by a dispatcher)
  - ii. The current set of incident owners, editors, reviewers, and approvers
  - iii. The set of users that have run a fire behavior model for the incident

Unlike the analysis contact information list, the incident contact information list cannot be edited. The Incident Contact Information list was also added to the bottom of the Analysis Contact Information page.

Information	Situation	Objectives	Course of Action	Validation	Decisions	Periodic Assessment	Rep																																																		
Incident List	<b>Incident Contact Information</b>																																																								
Fire Behavior Request	<table border="1"> <thead> <tr> <th>User Name</th> <th>Geographic Area</th> <th>Agency</th> <th>Unit</th> <th>Responsibilities</th> </tr> </thead> <tbody> <tr> <td>Arroyo, Van</td> <td>Southern California</td> <td>USFS</td> <td>CA-SNF</td> <td>Owner, Fire Behavior Specialist</td> </tr> <tr> <td>Ballard, Carolyn</td> <td>Southern California</td> <td>USFS</td> <td></td> <td>Owner, Fire Behavior Specialist</td> </tr> <tr> <td>Bowden, Philip</td> <td>Northern California</td> <td>USFS</td> <td></td> <td>Fire Behavior Specialist</td> </tr> <tr> <td>Charley, Shelby</td> <td>Southern California</td> <td>USFS</td> <td></td> <td>Owner</td> </tr> <tr> <td>Garcia, Ron</td> <td>Southern California</td> <td>USFS</td> <td>CASNf</td> <td>Owner</td> </tr> <tr> <td>Marouk, Sam</td> <td>Southern California</td> <td>USFS</td> <td></td> <td>Owner</td> </tr> <tr> <td>McCandliss, Belinda</td> <td>Southern California</td> <td>USFS</td> <td></td> <td>Owner</td> </tr> <tr> <td>Porter, Ray</td> <td>Southern California</td> <td>USFS</td> <td>CASNf</td> <td>Editor, Approver</td> </tr> <tr> <td>Tolmie, Denise</td> <td>Southern California</td> <td>USFS</td> <td>CASNf</td> <td>Editor</td> </tr> </tbody> </table>							User Name	Geographic Area	Agency	Unit	Responsibilities	Arroyo, Van	Southern California	USFS	CA-SNF	Owner, Fire Behavior Specialist	Ballard, Carolyn	Southern California	USFS		Owner, Fire Behavior Specialist	Bowden, Philip	Northern California	USFS		Fire Behavior Specialist	Charley, Shelby	Southern California	USFS		Owner	Garcia, Ron	Southern California	USFS	CASNf	Owner	Marouk, Sam	Southern California	USFS		Owner	McCandliss, Belinda	Southern California	USFS		Owner	Porter, Ray	Southern California	USFS	CASNf	Editor, Approver	Tolmie, Denise	Southern California	USFS	CASNf	Editor
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The E-mail Address and Phone Number columns were removed from this Contact Information list.

- f. Situation Assessment Map
  - i. 'Objective Shapes' allow incident editors to associate incident objectives and incident requirements with a shape. Since incident objectives and requirements are associated with a decision, the shapes are not visible to users without incident editing privileges until an incident objective / requirement associated with the shape has been published.

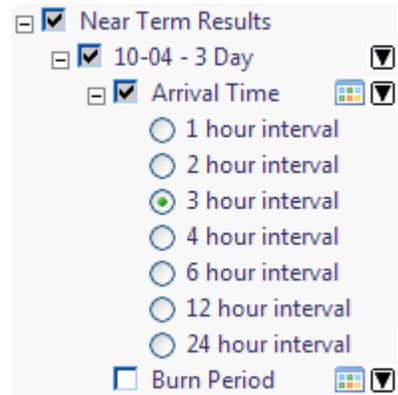
Incident

- Planning Areas +
- Fire Perimeters +
- Mgmt Action Points +
- Objective Shapes +
- Points of Interest +

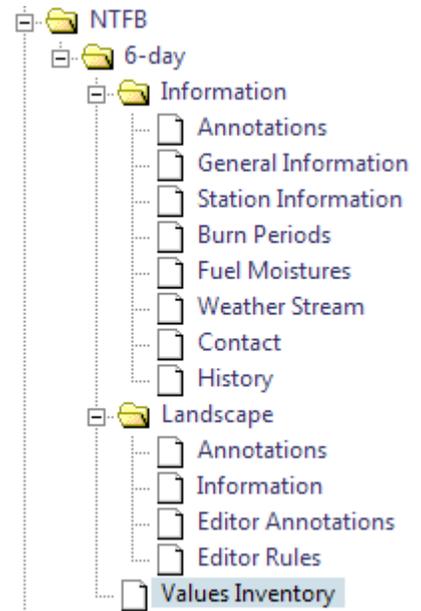


When an incident editor creates an objective shape from the Situation Assessment map, a popup window allows the user to bind the shape to existing incident objectives and requirements. The popup window also allows incident editors to create new incident objectives and requirements. Checking the checkbox in front of Objective Shapes in the layer switcher will cause all the objective shapes to be displayed on the map. When an objective shape is displayed on the map, users can click on the label of the shape to view the objectives and requirements associated with the shape. If the user is an incident editor, they can also modify the associations.

- ii. Completed NTFB analysis results are available for display on the Situation Assessment map. Users have the option to adjust the arrival time display on the map by clicking on a different arrival time radio button. Initially, the arrival time is displayed using '3 hour color bands' to represent when the fire arrived at a particular point. However, if the rate of spread was slow, the '3 hour color bands' can be pixilated. Consequently, the user is allowed to adjust the arrival time band width in order to generate a meaningful display.



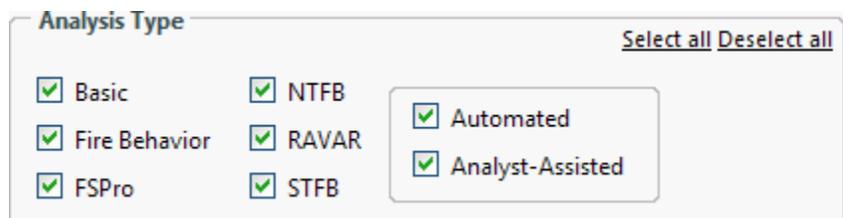
- g. Near Term Fire Behavior (NTFB) information for completed analyses is available in the WFDSS content tree for inclusion in decisions and reports. For each completed NTFB analysis, the content tree contains 8 sub-sections within the Information folder, 4 sub-sections in the Landscape folder, and the Values Inventory. Clicking on the Information folder selects / displays the 8 information sub-sections while clicking on the Landscape folder selects / displays the 4 landscape sub-sections. Similarly, clicking on the NTFB analysis name ('6-day' in the example on the right) selects / displays all of the content within its sub-tree.



NOTE: The FSPRO, Basic, and STFB content sub-trees were modified to behave in the same fashion. The information in the content tree was also modified to be more consistent with the information displayed on the Analysis Report pages.

### III. Analysis Perspective

- a. Two changes occurred within the 'Other Filters' section on the Analysis Filter page. Automated and Analyst-Assisted





checkboxes were added to allow users to restrict the analyses accordingly. In addition, 'Processing Results' is a new analysis state which currently only occurs while NTFB results are being processed.

- b. The 'Incident Contact Information' list was added to the bottom of the Analysis Contact Information page.
- c. The Basic and Short Term Fire Behavior reports were upgraded.
- d. Near Term Fire Behavior has been enabled for Fire Behavior Specialists. In the previous release, only Super Analysts were allowed to run the NTFB model. Several other changes were included with this release as well.
  - i. The ability to change the Arrival Time progression intervals that was described earlier in the release notes was added to the Analysis Results and View Landscape maps.
  - ii. A number of informational sections were added to the NTFB Report page. These changes are consistent with the NTFB information accessible within the WFDS content tree.
  - iii. The extent of the 'Other Characteristics' (Flame Length, Rate of Spread, Fireline Intensity, and Crown Fire Activity) no longer overlays the entire landscape extent.

#### **IV. Intelligence Perspective**

- a. The National ERCG images were re-enabled within the Intelligence perspective.
- b. The FMU display layer was added to the Intelligence map.

#### **V. Miscellaneous**

- a. Two existing reference layers have been enabled for display (this occurred after the release of 3.12). Users need to enable these layers from My Home => System Preferences if they want these layers available within the Reference section of the layer switcher on their maps.
  - i. Responsible Agency – The extent of this layer is currently the state of California. As more states provide geospatial data for this layer, the data will be added to the system.
  - ii. Surface Management Agency
- b. Two new value layers have been enabled since the release of 3.12. Users need to enable these layers from My Home => System Preferences if they want the layers available on their maps.
  - i. BLM Oil/Gas Leases – It is available as a Values layer on the maps and is enabled for Values Inventory / Values at Risk.
  - ii. BLM Range Allotments – It is available as a Values layer on the maps and is enabled for Values Inventory / Values at Risk. Feature Information is also enabled for this layer.
- c. The algorithm used to save lines drawn on the Situation Assessment and Analysis maps was modified. Lines are now thinned prior to being buffered and consequently will no longer contain gaps when the thinned shapes are displayed.