

## WFDSS 3.7 Release Notes (3.7 deployed November 17, 2009)

### I. Security

#### a. Email Domains

- i. BLM, FWS, NPS, and USFS users are required to provide a government email address when they request a new account, modify their email address, or modify their agency affiliation.
- ii. Valid government email domains are the following:
  1. fs.fed.us
  2. nps.gov
  3. a domain ending in bia.gov
  4. a domain ending in blm.gov
  5. a domain ending in fws.gov
  6. a domain ending in nifc.gov

#### b. Password Policies

- i. New password policies for all WFDSS users will be applied in January 2010.
- ii. Privileged users (National Editors, Administrators, and Help Desk) may have their new password policy applied prior to January, 2010.
- iii. If a new password policy has been applied, your password expiration date will be displayed on the 'My Home' page.

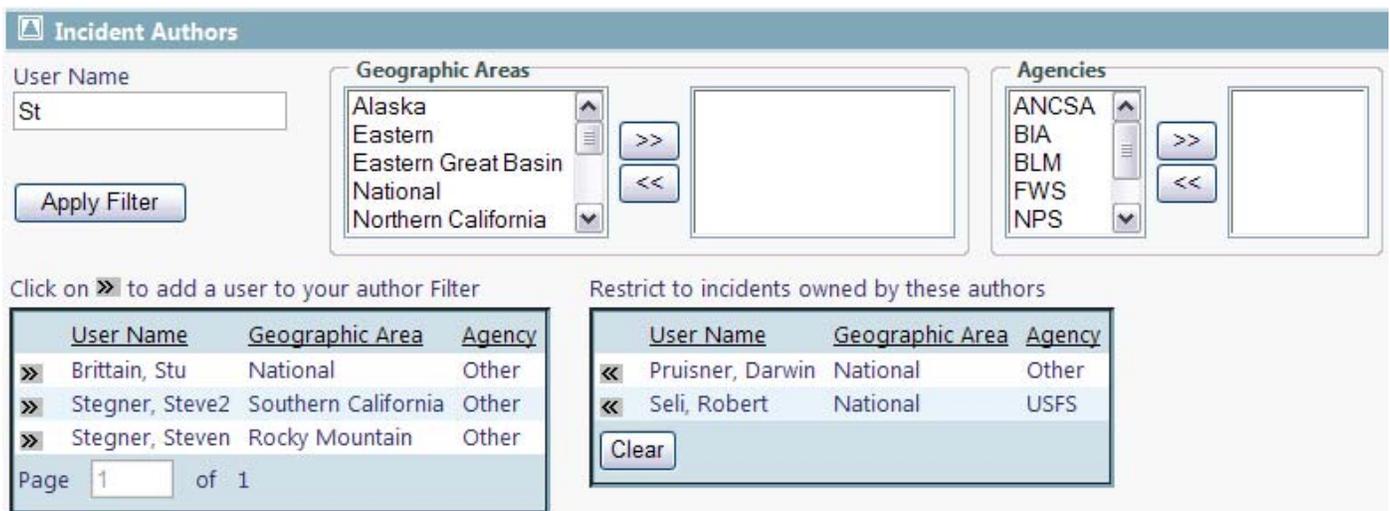
#### User Messages

• Your password will expire on Mon, Jan 11, 2010

### II. Incident List / Intelligence Map / Analysis List Filters

#### a. Moving Items between Lists

The mechanism used to move items from one filter list to another has been modified to streamline the process. Instead of clicking checkboxes followed by the 'Add' button, an icon is used to move items between lists.



**Incident Authors**

User Name:

**Geographic Areas**

- Alaska
- Eastern
- Eastern Great Basin
- National
- Northern California

**Agencies**

- ANCSA
- BIA
- BLM
- FWS
- NPS

Click on **>>** to add a user to your author Filter

	User Name	Geographic Area	Agency
>>	Brittain, Stu	National	Other
>>	Stegner, Steve2	Southern California	Other
>>	Stegner, Steven	Rocky Mountain	Other

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Restrict to incidents owned by these authors

	User Name	Geographic Area	Agency
<<	Pruisner, Darwin	National	Other
<<	Seli, Robert	National	USFS



b. Incident List / Intelligence Map Filters

i. Incident Names Section

The Incident Names filter was modified to apply all the filters currently specified on the filter definition page when a user clicks the Incident Names 'Apply Filters' button. That is, the user can choose to specify filter criteria in the Date Filters section, the Other Filters section, and the Incident Authors section. These filters will be applied to the list of incident names returned when the Apply Filters button is clicked. For example, a user could specify 'Fires that are not out' in the Date Filters section and select National Park Service in the Other Filters section to restrict the list on the left to NPS jurisdiction fires that have not been declared out.

In addition, one or more words or word fragments can be entered in the Incident Name field to further restrict the incidents returned. A word or word fragment entered in the Incident Name field will return any incident that contains that word or a word that begins with the word fragment. You can use the Apply Filters button multiple times when creating your incident filter list. That is, incidents in the right-hand list are not removed when the Apply Filters button is clicked.

**Incident Names**

Incident Name

Apply Filters

- You may enter one or more words in the Incident Name field.
- You may also enter the start of a word in the Incident Name field.
- The Apply Filters button will apply all the filters currently defined on this page.
- If the Incident Filter List is populated, the list supercedes all other filters.

Click on **>>** to add an incident to the Incident Filter List

	Incident Name	Geographic Area	Start Date
>>	Eagar	Southwest	05/29/2009
>>	Nowitna	Alaska	06/13/2009
>>	Powell Point	Southwest	07/08/2009
>>	Reno 3.7	Southwest	09/07/2009

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Incident Filter List

	Incident Name	Geographic Area	Start Date
<<	Eagar	Southwest	05/29/2009
<<	Nowitna	Alaska	06/13/2009
<<	Reno 3.7	Southwest	09/07/2009

Clear

Apply

Clear

Return

- c. Analysis List Filter
  - i. Other Filters Section
 

The Other Filters Section was re-arranged to group the analysis-specific filters (Analysis Type, Analysis Status, Request Date, and Completion Date) at the top of the section.
  - ii. Incident Names Section
 

A Geographic Area filter and a Unit Id filter were added to the Incident Names filter section.

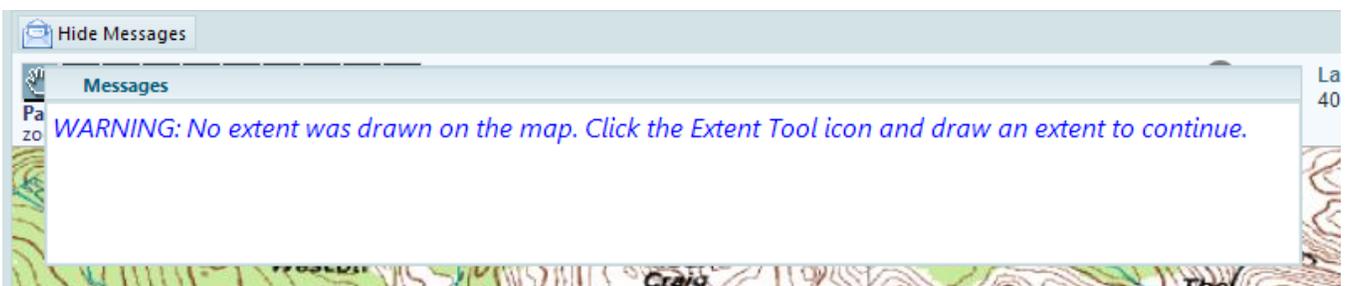
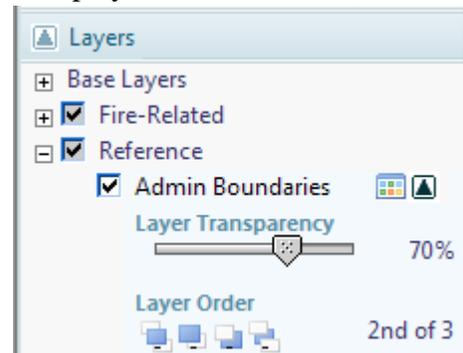
Note that this section does not behave in the same manner as the Incident Names section of the Incident List / Intelligence Map filters. The reason for this is that many of the filters on this page are analysis-specific and do not pertain directly to incidents.

### III. Maps

The WFDSS map pages were moved under the same framework as that used for incident decision / report editing and viewing. As a result, the look and feel of the map interface has changed.

- a. Maps are not displayed until they finish loading. This was done to prevent some of the awkward flashing that previously occurred as well as to avoid displaying ‘enabled’ menu items that have yet to be disabled.
- b. The width of the Left-Hand Panel Section can be re-sized.
- c. Expanding / Collapsing Left-Hand Panel Sections
 

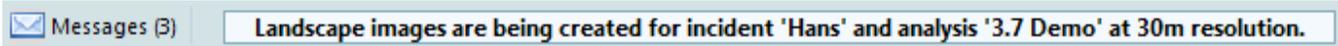
The sections in the left-hand panel can be expanded / collapsed by clicking anywhere in the header. The vertical expand / collapse icons are still displayed as a visual cue, but users can click anywhere within the section header to toggle its expansion state.
- d. A transparency slider has been added to each displayable map layer. The slider allows you to increase or decrease the transparency of the layer in 10 percent increments.
- e. Text was added to the right of the Layer Order icons to inform users where the given layer exists within the layer hierarchy.
- f. Map messages are displayed in a popup window on top of the map as opposed to above the map. Consequently, the map is no longer re-sized when a message is displayed.



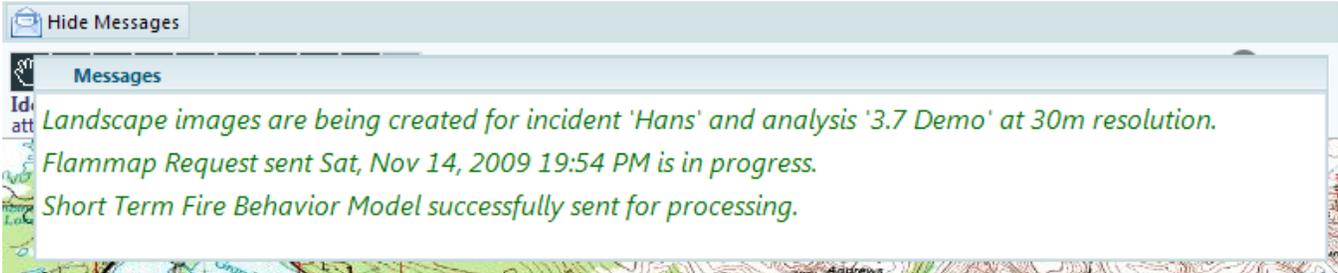
Warning and error messages cause the popup to automatically display itself on the map. A ‘Hide Messages’ button exists in the status bar to allow you to hide the message.



Informational messages, on the other hand, do not cause the popup window to appear. Instead, the message is displayed in the status bar next to a Messages button.

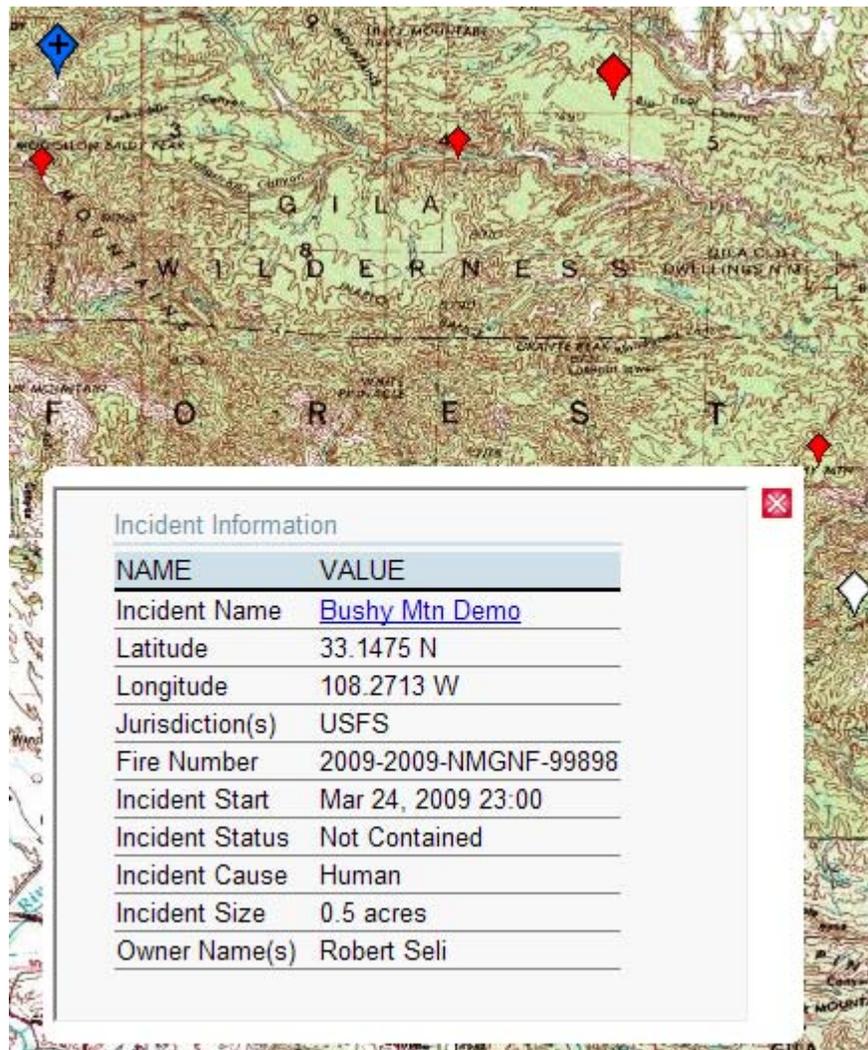


Clicking on the Messages button causes the popup message window to appear on top of the map. Note that the Messages / Hide Messages buttons serve as a toggle for displaying / hiding messages.





- g. Incident Markers are dynamically grouped together as a map is zoomed in or out. At the current point in time, multiple incident markers are only displayed on the Intelligence Map, but this may change in the future. A blue marker with an embedded plus sign is used when multiple incidents are grouped together. One of the primary reasons this feature was added was to address a performance problem related to displaying a large number of incidents on the map. A secondary reason for adding this feature was to display more information in the Incident Information popup when a user clicks the incident marker. The Incident Name in the popup is a link to the Incident Information page of the incident. Consequently, users can jump from the Intelligence or Analysis perspectives to the Incident Information page by clicking on the incident name in the popup window.

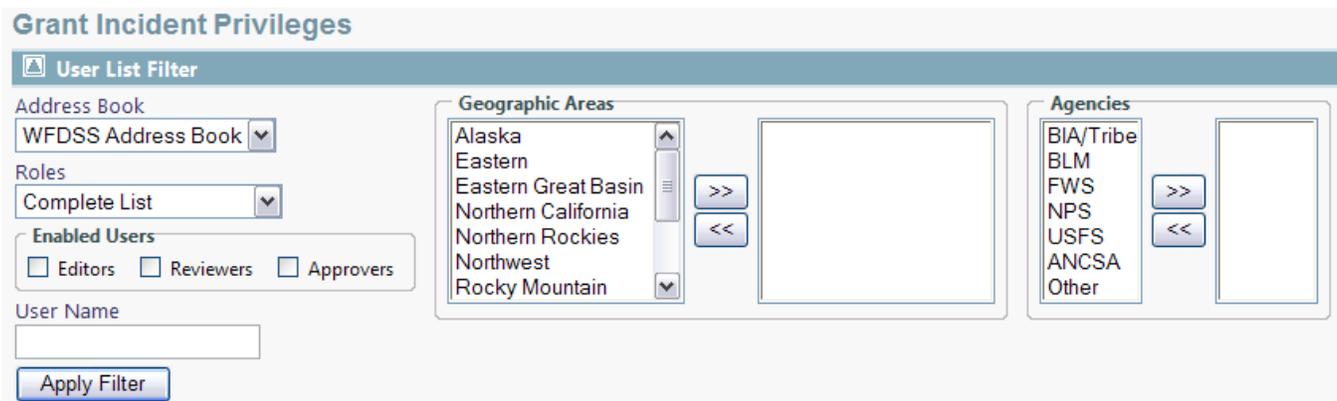


- h. The blue landscape re-projection rectangle was removed from the maps.
- i. Analysis Maps
  - i. The green analysis extent rectangle layer was moved to the top layer of the layer tree on the analysis maps. It appears just above the Editable layer at the bottom of the tree. It was formerly under 'Incident', but this no longer makes sense given that the blue landscape re-projection rectangle is no longer displayed within the application.

- ii. The Basic Output legends were modified to include 'Switch to' in front of links when legends were created for different units.
- iii. In the Landscape Editor, English legends were added for Elevation, Stand Height, and Canopy Base Height.
- iv. The Landscape Critique download was removed from the FSPro Results download panel.

#### IV. Incident Perspective

- a. The incident jurisdiction can be modified after an incident is declared out.
- b. The Incident Privileges filter was expanded to allow users to filter by roles, as well as to provide access to 'My Address Book'. It should be noted that when incident privileges are granted to a group, it is the members of the group that receive the privileges and not the group. That is, if a group is granted incident editing privileges, the individual members of the group are granted incident editing privileges. Changes made to the group after the privileges were granted will not alter the users with incident editing privileges. In addition, the Edit checkbox in front of the group name will not be checked.



- c. Viewing the full incident report (a link available from the Reports sub-menu tab) has been moved to the DHX framework. This completes the transition of the report / decision editing and viewing to the DHX framework.

#### V. Analysis Perspective

- a. The Analysis Privileges filter was expanded to allow users to filter by roles as well as to provide access to 'My Address Book'. It should be noted that when analysis privileges are granted to a group, it is the members of the group that receive the privileges and not the group.

## Grant Analysis Privileges

User List Filter

Address Book  
WFDSS Address Book ▼

Roles  
Complete List ▼

Enabled Users  
 Viewers  Analysts

User Name

Apply Filter

Geographic Areas

Alaska  
Eastern  
Eastern Great Basin  
Northern California  
Northern Rockies  
Northwest  
Rocky Mountain

>>

<<

Agencies

BIA/Tribe  
BLM  
FWS  
NPS  
USFS  
ANCSA  
Other

>>

<<

- b. Landscape critiques can be created and downloaded for all analysis types from the Landscape page. A landscape file must exist before a critique can be requested. Use the ‘Generate LCP Critique’ button to request a critique. Once the landscape critique exists, the ‘Generate LCP Critique’ button changes to ‘Download LCP Critique’, but only after the page is refreshed. To refresh the page, users can click Landscape in the left-hand menu. Note that a landscape critique for a moderately-sized landscape typically will be generated within a few seconds.
- c. The landscape generation process was modified to correct a problem that could occur when multiple landscape file requests from the same data source and for the same incident were simultaneously processed. As a result, all landscape requests are processed asynchronously.
- d. The algorithm used to retrieve wind speed and direction from the National Digital Forecast Database (NDFD) was modified to improve performance.

## VI. Administration Perspective



- a. The date that WFDSS privileges were requested is displayed on the Edit User Roles page. However, this information has only recently been captured. As a result, the majority of the role requests within WFDSS currently do not have a Role Request Date.

Date Requested	Requested Roles
11/16/09	Dispatcher
Justification	
I am an IADP for the Shawnee National Forest...need Dispatcher privileges.	
<input type="button" value="Save"/>	

- b. When the required password policies are implemented in January, users will be locked from the system if
  - i. They have not accessed WFDSS for over 90 days, or
  - ii. They have entered an invalid password on 5 consecutive login attempts.When a user is locked out of WFDSS, the following message is displayed at the top of the login page (after the user attempts to log in).

*FAILURE: Your account has been locked, please contact the Help Desk*

**WFDSS DEVELOPMENT SYSTEM**  
**Welcome to the Wildland Fire Decision Support System**

\*User Name

[Request new account](#)

\*Password

[Reset your password](#)



By horizontally expanding the user list within the Administration perspective, Help Desk personnel and Administrators can view the locked status of users within the system.

User List									
Edit User		E-mail Validation		Show Role Requests					
User Id	User Name	E-mail Address	Phone Number	Roles	Agency	Employer	Geographic Area	User Locked	
<input type="radio"/>	hans12	Fiedler, Hans12	fiedlerj@us.ibm.com	303-924-9115	Viewer	Other	IBM	Southern California	yes
<input type="radio"/>	hans14	Fiedler, Hans14	fiedlerj@nps.gov	303-924-9115	Viewer	NPS	IBM	Rocky Mountain	no
<input type="radio"/>	hans15	Fiedler, Hans15	fiedlerj@blm.gov	303-924-9115	Viewer	BLM	IBM	Northern Rockies	yes

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Rows per Page:

To unlock a user, the user's password must be reset from within the Administration perspective. A warning message is displayed at the top of the User Roles page, the User Profile page, and the Password Reset page to serve as a reminder that the account is locked and that the password must be reset to unlock the account.

*WARNING: User hans12 is locked. Resetting their password will unlock the account.*

### Edit User Roles for 'hans12'

#### User Roles

Viewer