



Wildland Fire Decision Support System

Decision Documentation Overview

Wildland Fire Management RD&A
National Interagency Fire Center
Boise, Idaho
March 18, 2009

Decision Documentation



Decision documentation requires the following:

- Developing Objectives
 - ✓ Unit Strategic Objectives
 - ✓ Unit Management Requirements
- Developing Courses of Action
 - ✓ Incident Objectives
 - ✓ Incident Requirements
 - ✓ Strategic Direction
- Validate the Decision
- Publishing the Decision

First a Few Definitions



FMP Fire Management Units (FMU)

NWCG Definition: *A land management area definable by objectives, management constraints, topographic features, access, values to be protected, political boundaries, fuel types, major fire regime groups, etc. that set it apart from the characteristics of an adjacent FMU. The FMU may have dominant management objectives and pre-selected strategies assigned to accomplish these objectives.*

First a Few Definitions



- **Strategic Objectives** –These are broad statements, specified in land and resource management and fire management plans that identify changes in water, soil, air, or vegetation from the present to proposed conditions but can also describe an existing resource condition that should be maintained. Objectives deal with large areas over long time periods and project intended outcomes of management activities that contribute to the maintenance or achievement of desired conditions.

First a Few Definitions



- **Management Requirements –**

- Management Requirements are derived from land and resource management plan and fire management plan standards and guidelines information. They represent the recommended technical and scientific specifications for management activities and/or potential actions to help achieve objectives across broad areas in general terms. They provide the foundation, framework, and limitations/challenges for potential management activities. Management Requirements are not commitments or final implementation decisions.
- Example statements:
- *Management of wildland and prescribed fire should avoid adding smoke into the Grand Canyon viewshed.*
- *Mechanical firelines should not be constructed on erosive X, Y, and Z type soils nor on slopes greater than 30 percent.*
- *In the Rocky Gorge management area, when perimeter control is the response to wildfire, natural barriers should be used as firelines.*
- *Fire camps staging areas, helibases should be located on lands that:*
 - (a) *Are not forested;*
 - (b) *Are adjacent to a well-maintained forest road (36 CFR 212.1);*
 - (c) *Have less than 5 percent slope; and*
 - (d) *Are 100 feet or more from all bodies of water, wetlands, and trails.*
- *Responses to wildland fire and fuels management activities should avoid loss due to fire in the Old Heritage Area.*
- *To avoid unacceptable risks of erosion, mechanical firelines should not occur on slopes greater than 30 percent or on the highly erosive X, Y and Z soil types .*

First a Few Definitions



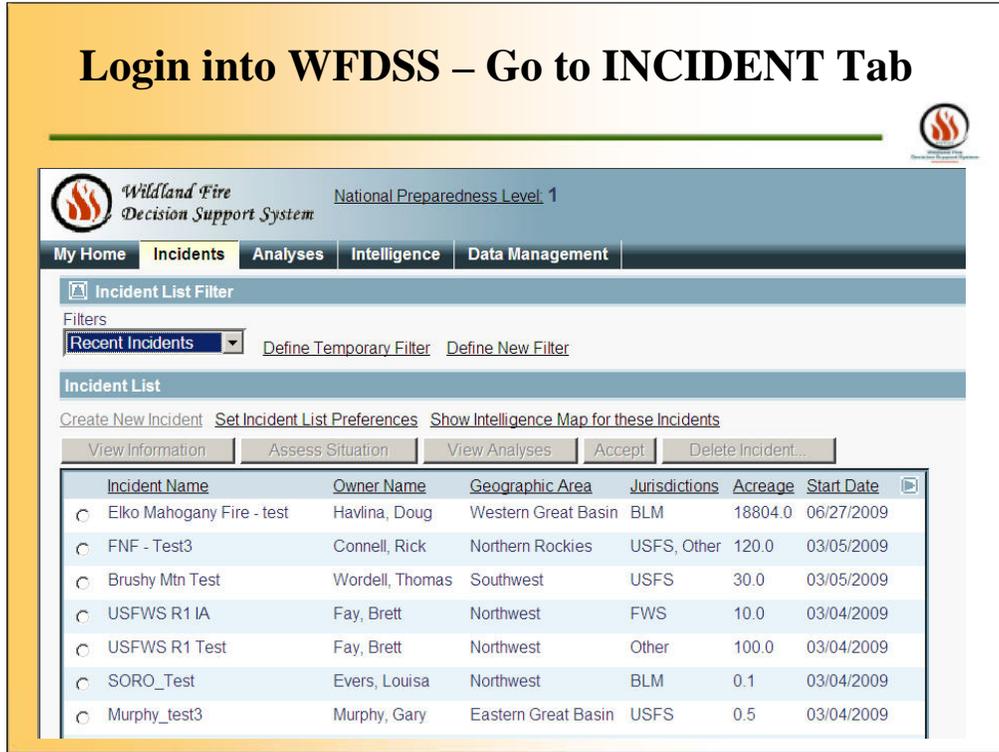
- **Incident Objectives:** Incident Objectives are objectives specific to the particular incident. They are precise statements that reflect tactical accomplishment milestones to be accomplished on the incident. Incident Objectives deal with small, site-specific areas and may be limited to short time periods, such as a single operational period (< 24 hours), but can be extended for multiple operational periods. Incident Objectives can serve as a means for tracking incident accomplishments and workload demand thresholds.

First a Few Definitions



- **Incident Requirements:** Incident Requirements are developed by the local unit to provide management organizations direction in incident management. They are recommended technical and scientific specifications for management activities and/or potential actions to help achieve objectives for a site-specific area and defined time period. They provide the foundation, framework, and limitations/challenges for potential management activities.

Login into WFDSS – Go to INCIDENT Tab



The screenshot displays the WFDSS interface. At the top, there is a navigation bar with tabs for "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". The "Incidents" tab is selected. Below the navigation bar, there is a section for "Incident List Filter" with a dropdown menu set to "Recent Incidents" and links for "Define Temporary Filter" and "Define New Filter". Below this is the "Incident List" section, which includes links for "Create New Incident", "Set Incident List Preferences", and "Show Intelligence Map for these Incidents". There are also buttons for "View Information", "Assess Situation", "View Analyses", "Accept", and "Delete Incident...". The main content is a table with the following columns: Incident Name, Owner Name, Geographic Area, Jurisdictions, Acreage, and Start Date. The table contains seven rows of test data.

Incident Name	Owner Name	Geographic Area	Jurisdictions	Acreage	Start Date
Elko Mahogany Fire - test	Havlina, Doug	Western Great Basin	BLM	18804.0	06/27/2009
FNF - Test3	Connell, Rick	Northern Rockies	USFS, Other	120.0	03/05/2009
Brushy Mtn Test	Wordell, Thomas	Southwest	USFS	30.0	03/05/2009
USFWS R1 IA	Fay, Brett	Northwest	FWS	10.0	03/04/2009
USFWS R1 Test	Fay, Brett	Northwest	Other	100.0	03/04/2009
SORO_Test	Evers, Louisa	Northwest	BLM	0.1	03/04/2009
Murphy_test3	Murphy, Gary	Eastern Great Basin	USFS	0.5	03/04/2009

When users login into WFDSS and Click the Incident tab, this is the screen they will see. On this screen, users can sort the Incident List by any of the columns.

Define Temporary Incident Filter



Click the TEMPORARY INCIDENT FILTER link, users can then choose which incidents that appear in the list.

Users should first click CLEAR. Then users can set their filter options. To choose incidents by GA, Incident Name or Incident Author; the users simply finds what they want in the list, highlights the selection, then clicks the arrow button to add their selections to the screen to the right of the list. When all selections are made, the user clicks APPLY.

Other Links on the Incident List

The screenshot displays the Wildland Fire Decision Support System interface. At the top, there is a navigation bar with tabs for 'My Home', 'Incidents', 'Analyses', 'Intelligence', and 'Data Management'. Below this is the 'Incident List Filter' section, which includes a dropdown menu set to 'Webinars' and links for 'Define Temporary Filter' and 'Define New Filter'. The main 'Incident List' section features a toolbar with buttons for 'View Information', 'Assess Situation', 'View Analyses', 'Accept', and 'Delete Incident...'. The 'View Information' button is circled in red. Below the toolbar is a table with the following data:

Incident Name	Owner Name	Geographic Area	Jurisdictions	Acreage	Start Date
<input checked="" type="radio"/> Test - Ag	Gelobter, Aaron	Southern California	USFS	2.0	03/03/2009
<input type="radio"/> Demo Decision 3.1	Author, Robert	Southwest	USFS	155.0	03/03/2009
<input type="radio"/> Avalanche Test	Hovorka, Marlena	Southwest	USFS	20.0	03/02/2009
<input type="radio"/> Demo 3.1 IA	Author, Robert	Southwest	USFS	0.1	03/02/2009

Below the table, there is a pagination control showing 'Page 1 of 1' and 'Rows per Page: 20'. At the bottom, there is another set of buttons: 'View Information', 'Assess Situation', 'View Analyses', 'Accept', and 'Delete Incident...'. The 'View Information' button in this set is also circled in red.

To get to the Incident of interest, users toggle a radio button (the round circle on the left hand side of the incident list), then users need to click the VIEW INFORMATION button.

Continuing with the Submenu for Incidents – INFORMATION Tab





Wildland Fire
Decision Support System

National Preparedness Level: 1
Incident: Test - Ag

My Home

Incidents

Analyses

Intelligence

Data Management

Information

Situation

Objectives

Courses of Action

Validation

Decisions

Periodic Assessment

Reports

Incident List

ISPro Request

RAVAR Request

SCI Request

FMU List

Shape Upload

Incident Privileges

Incident Analyses

View Incident Information

Incident Name:

*North Latitude (Decimal) Deg Min Sec

36.1823 or 36 9 44

Example: 39.52

*West Longitude (Decimal) Deg Min Sec

118.705 or 118 42 18

Example: 105.3

Geographic Area: Owner Name:

Fire Number: Fire Code:

Unit Name: Incident Size (acres):

Incident Cause: Unknown Natural Human

*Is this a fire of National Significance? Yes No

*Affected Jurisdiction(s)

Bureau of Indian Affairs

Bureau of Land Management

Fish and Wildlife Service

National Park Service

United States Forest Service

Other

Landscape Data Source

AK Tanana Zone

AK Yukon-Charley

CA Landscape

LANDFIRE National

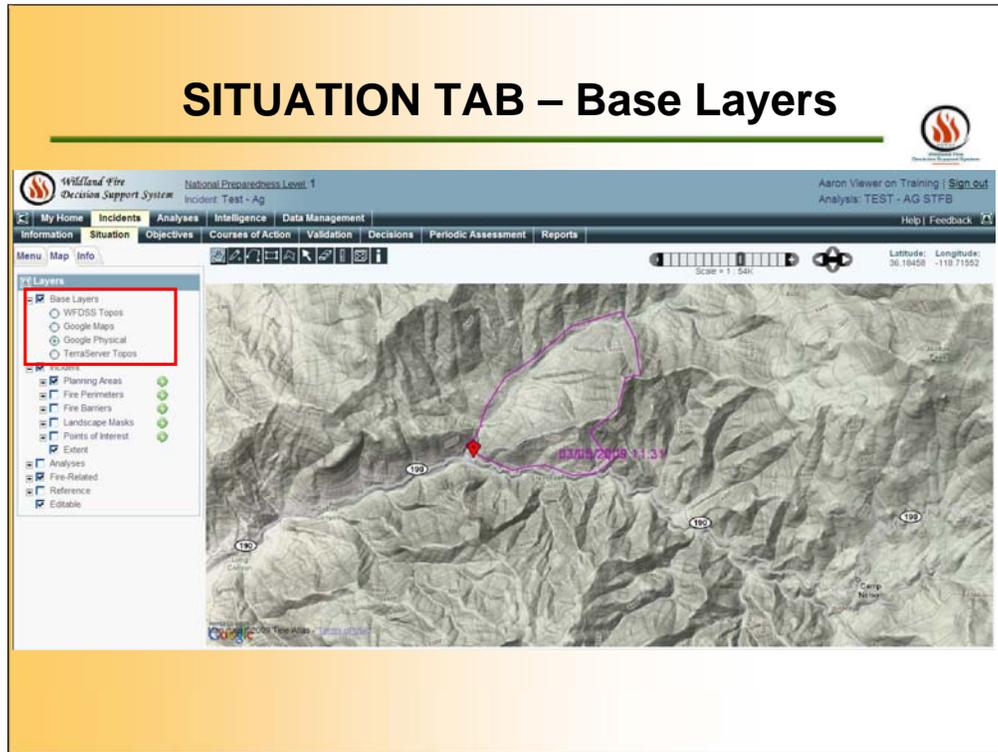
LANDFIRE Rapid Refresh

Save

Under the INCIDENT TAB, users can access the submenu tabs: Information, Situation, Objectives, Courses of Action, Validation, Decisions, Periodic Assessment, Reports.

Under the INFORMATION tab, users can see the information that is relevant to the fire reports.

SITUATION TAB – Base Layers



The SITUATION tab allows users to view a map of the incident. There are several options to get to this screen. Users can move directly to this tab from the INCIDENT list by toggling the radio button and choosing ASSESS SITUATION instead of VIEW INFORMATION.

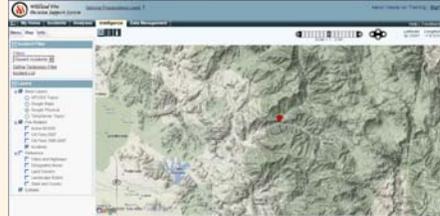
Examples – 4 Base Layers (Maps)



WFDSS Topos



Google Physical



Google Maps

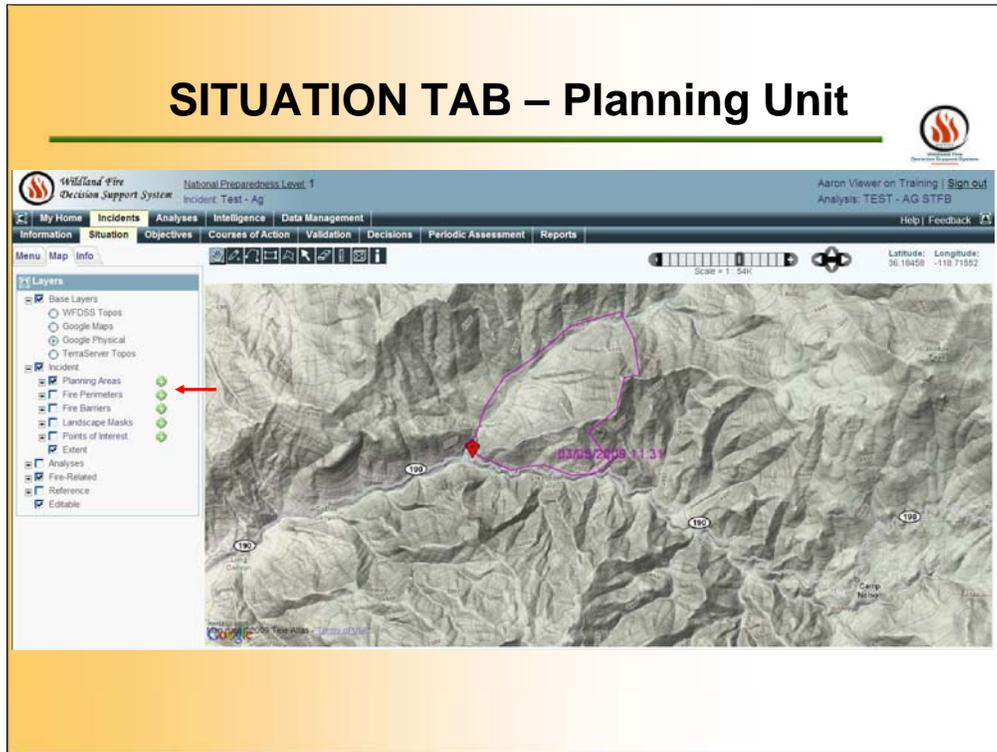


TerraServer Topos



Example of the various base maps.

SITUATION TAB – Planning Unit



The SITUATION tab allows users to view a map of the incident along with various information. The first being the PLANNING AREA, which is the area incident decisions makers are comfortable with managing the incident and risk.

SITUATION TAB– Information Button

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "SITUATION TAB– Information Button" is shown. Below the title, the system logo and "National Preparedness Level 1" are visible. The main navigation bar includes tabs for "My Home", "Incidents", "Analyses", "Intelligence", "Data Management", "Information", "Situation", "Objectives", "Courses of Action", "Validation", "Decisions", "Periodic Assessment", and "Reports". The "Situation" tab is currently selected. In the top toolbar, the "Information" button (represented by an 'i' icon) is circled in red. Below the navigation bar, there is a "Menu Map Info" section. The "Info" section is active, displaying a table of LANDFIRE data for a specific point on the map. The data includes Elevation (1926 meters / 6317 feet), Aspect (315 degrees), Slope (20 degrees), Fuel Model (165 - TU5), Canopy Cover (85 percent), Bulk Density (0.32 m³/kg), Stand Height (37.5 meters), and Base Height (0.4 meters). The map shows a topographic view of a mountainous area with a red diamond marker indicating the selected point. The date and time "03/04/2009 11:31" are displayed on the map.

Elevation	1926 meters 6317 feet
Aspect	Slope
315 degrees	20 degrees
Fuel Model	
165 - TU5	
Canopy Cover	Bulk Density
85 percent	0.32 m³/kg
Stand Height	Base Height
37.5 meters	0.4 meters

When users Click the SITUATION tab, than can now activate the “i” information button on the top toolbar. This will users to make a temporary mark on the map. From this point users will be provided with LANDFIRE data for the point. It is located on the lower left portion of the screen. They can also click the links for WEATHER FORECAST, VALUES INVENTORY, FIRE DANGER and STRATEGIC OBJECTIVES. The outputs for these links are on the following slides.

SITUATION TAB– Weather Forecast



The screenshot displays the Wildland Fire Decision Support System (WFDSS) interface. The main window is titled "Fire Weather Forecast - Windows Internet Explorer" and shows a URL from http://wfdss.usgs.gov/training/jsp/intelligence/WeatherForecast.faces?_af=155at=36.16213&lor. The interface is divided into several sections:

- Navigation Menu:** Includes "My Home", "Incidents", "Analyses", "Information", "Situation", and "Objectives".
- Information Panel:** Contains fields for "Latitude" (36.16213) and "Longitude" (118.70522), a "Radius (miles)" field set to 5.0, and a "Weather Forecast" link highlighted with a red arrow. Other links include "Values Inventory", "Fire Danger", and "Strategic Objectives".
- Map:** A topographic map showing terrain features and a scale of 1:100,000.
- Forecast Text:** A text area displaying a fire weather forecasting forecast for interior central California, including a discussion of low pressure troughs and wind patterns.

Users can also click the links for WEATHER FORECAST.

SITUATION TAB – Values Inventory

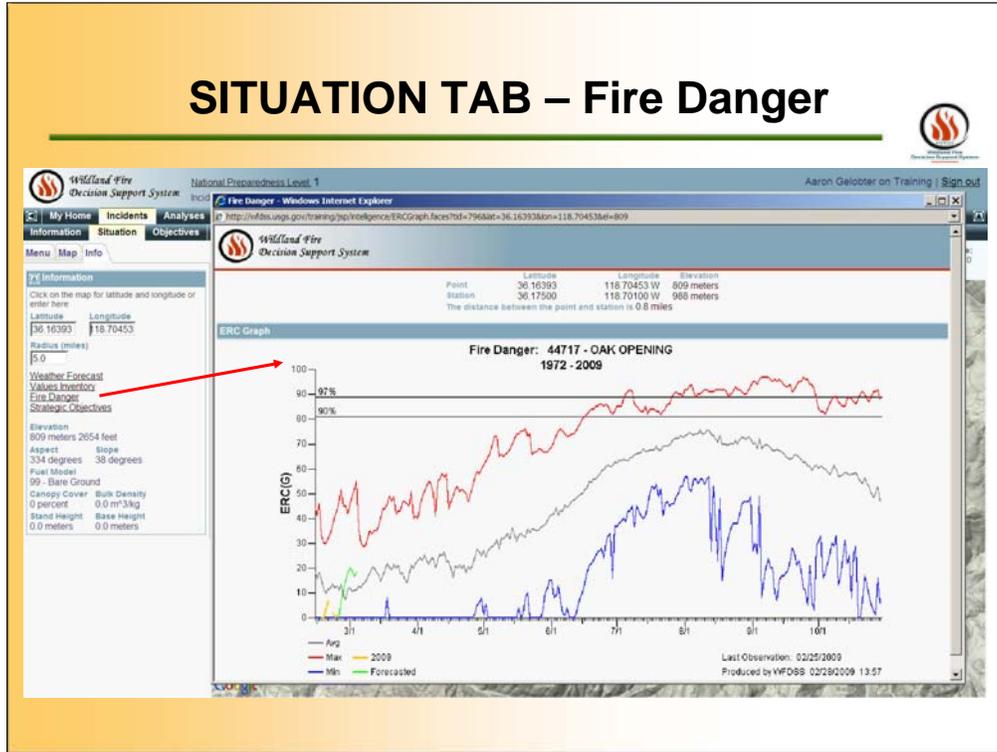
The screenshot shows the Wildland Fire Decision Support System (WFDDSS) interface. The main content area displays the following information:

Values Inventory Information

Asset	Value	Data Source	Currency	Coverage
Census Housing Values	\$31,110,000	U.S. Census Bureau	Jan 01, 2000	National coverage
Jurisdiction: USFS	38,482 acres	Various		AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY
Jurisdiction: BLM	457 acres	Various		AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY
Jurisdiction: Private	9,731 acres	Various		AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY
Jurisdiction: State	1,595 acres	Various		AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY

Users can see VALUES INVENTORY INFORMATION for the temporary point. As more spatial data is available, the list will be longer.

SITUATION TAB – Fire Danger



Users can see the FIRE DANGER is shown as the ERC-G graph for the closets RAWs (remote automated weather station). Output is similar to FireFamily+ application outputs.

SITUATION TAB– Strategic Objectives



The screenshot displays the Wildland Fire Decision Support System (WFSS) interface. The browser window title is "WFSS Strategic Objectives - Windows Internet Explorer" and the URL is "http://wfdss.usgs.gov/training/jsp/datamanagement/StrategicObjectives.faces?td=593&lat". The navigation menu includes "My Home", "Incidents", "Analyses", "Information", "Situation", and "Objectives". The "Objectives" tab is selected. The left-hand menu has "Strategic Objectives" highlighted, with a red arrow pointing to the main content area. The main content area shows the "Strategic Objectives" section with a table of data and a list of fire management units (FMUs) within a 5.0-mile radius.

Latitude	Longitude	Radius (miles)
30.16213	118.70522	5.0

- CA-SQF: Sequoia National Forest (46,253 acres)
 - SQF FMU: (39,711 acres)
 - Strategic Objectives
 - Contain unwanted fires at the smallest possible size.
 - Protect structures.

Users can also click the links for STRATEGIC OBJECTIVES to view them by the Fire Management Units (FMUs) that fall within a specified radius of the point.

This feature is not available on all units. As units submit spatial data layers for FMUs this will become available.

SITUATION TAB – Fire History

The screenshot displays the Wildland Fire Decision Support System (WFDDSS) interface. At the top, the title "SITUATION TAB – Fire History" is centered. Below the title, the system logo and "National Preparedness Level: 1" are visible. The main navigation bar includes tabs for "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". A secondary navigation bar contains "Information", "Situation", "Objectives", "Courses of Action", "Validation", "Decisions", "Periodic Assessment", and "Reports". The "Situation" tab is active, showing a map interface with a "Layers" panel on the left. The "Layers" panel lists various map layers, including "Base Layers" (WFDDSS Topos, Google Maps, Google Physical, TerraServer Topos), "Incident", "Analyses", "Fire-Related" (Active MODIS, CA Fires 1995-2007, Incidents), "Reference", and "Editable". A red arrow points to the "CA Fires 1995-2007" layer, which is checked. The map shows a topographic view of a region with labels for "DEEP 2004" and "COFFEE 1997". A purple boundary is visible on the map, and a scale bar indicates "Scale = 1:5".

Users can also click the links for FIRE-RELATED information with various layer the user defines such as the fire history layer.

SITUATION TAB – Designated Areas

The screenshot displays the Wildland Fire Decision Support System (WFSS) interface. At the top, the title "SITUATION TAB – Designated Areas" is centered. Below the title is a navigation bar with tabs for "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". The "Situation" tab is active, and a sub-menu shows "Information", "Situation", "Objectives", "Courses of Action", "Validation", "Decisions", "Periodic Assessment", and "Reports". The "Situation" sub-menu is further divided into "Menu", "Map", and "Info".

The main map area shows a geographical view with several labeled regions: "Moses", "Giant Sequoia NM", "Black Mtn.", "Black Mtn.", "Slate Mtn.", and "Sequoia NM". A red diamond marker is placed on the map, with a timestamp "03/05/2009 11:31" next to it. A red arrow points to the "Designated Areas" option in the left-hand "Layers" panel. The "Layers" panel includes options for "Base Layers", "WFSS Topos", "Google Maps", "Google Physical", "TerraServer Topos", "Incident", "Analyses", "Fire-Related", "Reference", "Cities and Highways", "Designated Areas", "Land Owners", "Landscape Extent", "State and County", and "Editable".

At the bottom of the map, there is a scale bar indicating "Scale = 1:54K" and coordinates: "Latitude: 36.10278" and "Longitude: -110.71961".

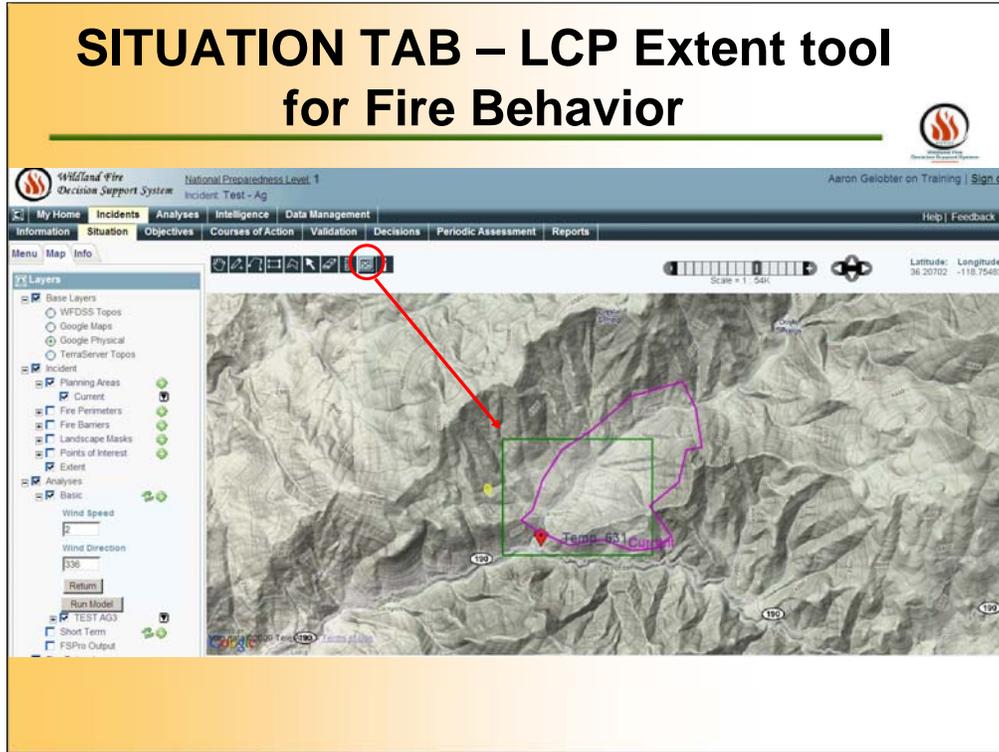
Users can also click the links for DESIGNATED AREA to view the Land and Resource Areas, such as Wilderness, Wildlife Areas, etc.

SITUATION TAB – Land Owners



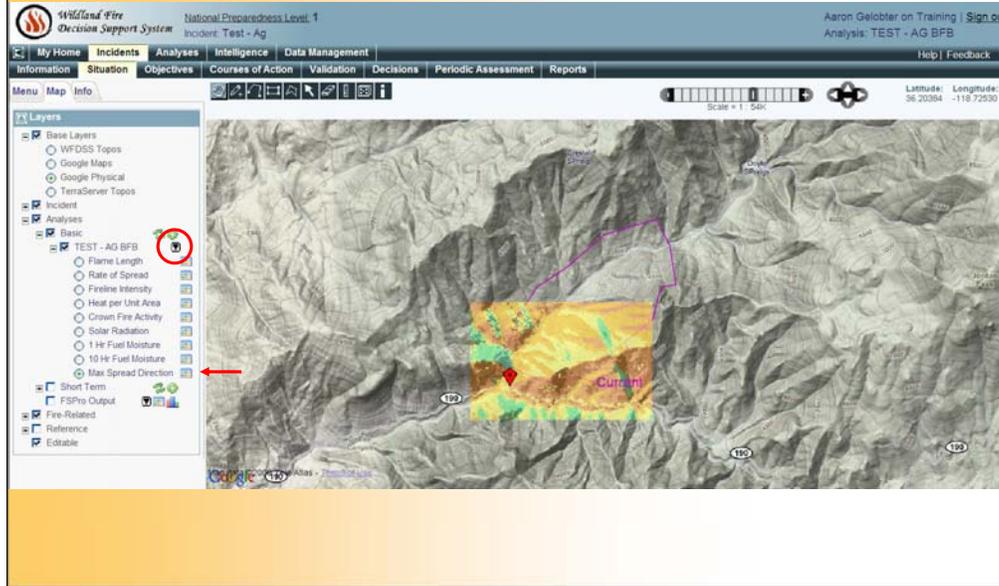
Users can also click the links for LAND OWNERS to view the land status.

SITUATION TAB – LCP Extent tool for Fire Behavior



When Users Click the SITUATION tab, then can now activate the “LCP EXTENT” button on the top toolbar. This will allow Users to make a temporary box on the map. This is the area the fire behavior analyses will occur.

SITUATION TAB - Basic Fire Behavior (Max. Spread Distance)



Click the Analyses Layer, then the Basic (Fire Behavior) and activate the analyses “TEST – AG BFB”. To view the various fire behavior outputs click the black arrow button to the right of the analyses (in the red circle). This will expand the menu of fire behavior outputs. The example on this slide is the “Max. Spread Direction” with in the “LCP Extend” area that was selected earlier. To view the legend, Click the color pallet button to the right of each Basic Fire Behavior layer.

SITUATION TAB - Basic Fire Behavior (Flame Length)



The screenshot shows the Wildland Fire Decision Support System (WFSS) interface. The top navigation bar includes 'My Home', 'Incidents', 'Analyses', 'Intelligence', and 'Data Management'. The 'Analyses' tab is active, showing a list of analyses under the 'Basic' category. The 'TEST - AG BFB' analysis is selected, and its 'Flame Length' output is highlighted with a red circle and an arrow. The main map area displays a topographic map with a color-coded fire behavior overlay. The interface also shows a menu, map info, and a scale bar.

You can also click the Analyses Layer, then the Basic (Fire Behavior) and activate the analyses “TEST – AG BFB” to view the various fire behavior outputs by Click the information button to the right of the analyses (in the red circle). The example on this slide is the the “Flame Length”.

SITUATION TAB - Short Term Fire Behavior (Arrival Time)

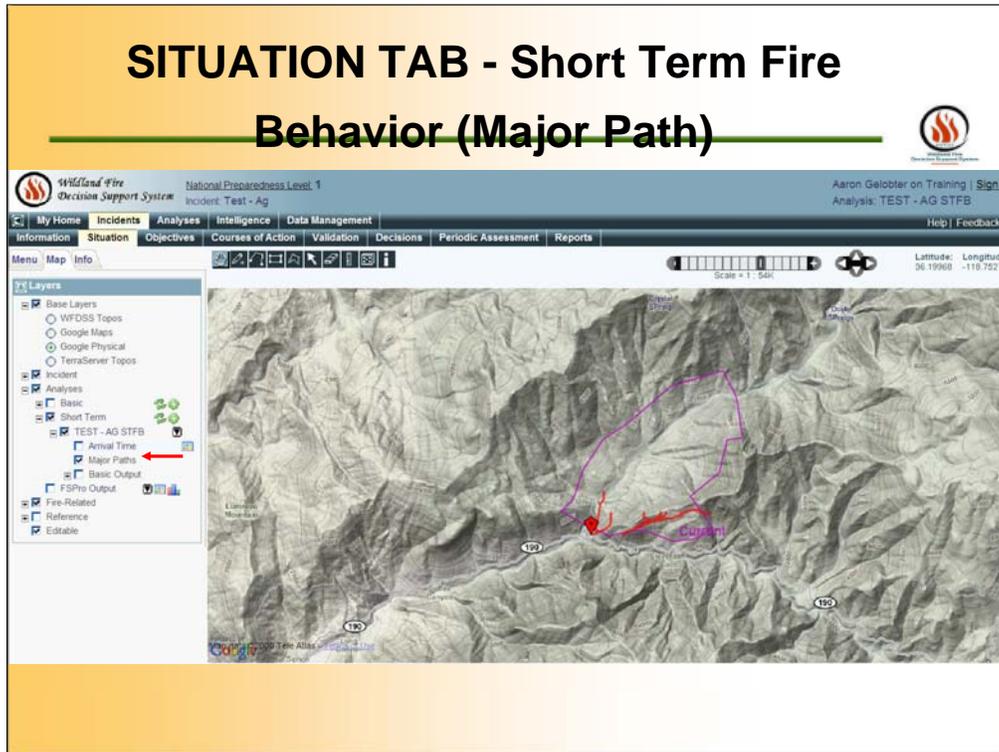


The screenshot displays the Wildland Fire Decision Support System interface. The main window shows a map with a fire behavior analysis overlay. The analysis is titled 'Arrival Time' and is part of the 'TEST - AG STFB' analysis. The map shows a fire perimeter in red and orange, with a red diamond indicating the ignition point. The analysis parameters are listed in the 'Short Term Fire Behavior Analysis Information' section.

NAME	VALUE
Analysis Name	TEST - AG STFB
Requestor	Gelobter, Aaron
Ignition Latitude	36.16227 N
Ignition Longitude	118.70496 W
Burn Period	8 hours
Number of Burn Periods	1
Analysis Date/Time	03/03/2009 16:00
Wind Speed	5 mph
Wind Direction	336° azimuth
Top Latitude	36.1772 N
Bottom Latitude	36.1581 N
Left Longitude	118.7135 W
Right Longitude	118.6724 W
Landscape Resolution	30.0 meters
Gridded Wind Resolution	10x used
Status	Review

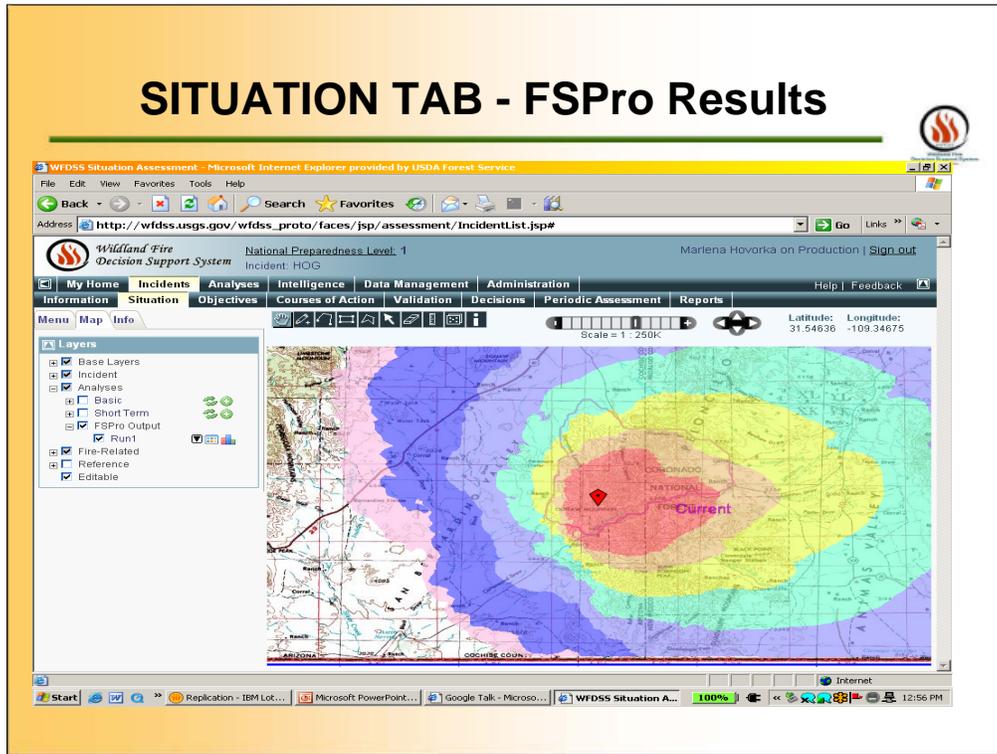
You can also click the Analyses Layer, then the Short Term (Fire Behavior) and activate the analyses “TEST – AG STFB” to view the various fire behavior outputs by Click the information Analysis button to the right of the analyses, similar to the Basic Fire Behavior. The example on this slide is the the “Arrival Time”.

SITUATION TAB - Short Term Fire Behavior (Major Path)



You can also click the Analyses Layer, then the Short Term (Fire Behavior) and activate the analyses “TEST – AG STFB” to view the various fire behavior outputs by Click the information button to the right of the analyses, similar to the Basic Fire Behavior. The example on this slide is the the “Major Path”.

SITUATION TAB - FSPro Results



Users can also click the Analyses Layer, then the RESULT and activate the a “FSPro Run” that has been completed.

SITUATION TAB - FSPro Results



Click the black arrow button to the right of the FSPro layer. This will expand the left menu pane to reveal information about the FSPro run.

SITUATION TAB - FSPro Results



The screenshot displays the Wildland Fire Decision Support System (WFDS) interface. The main window shows a map with various colored overlays representing fire spread probability. A legend window is open, titled "FSPro Results Legend". The legend includes a color-coded scale for fire spread probability and a table of fire size statistics.

Fire Spread Probability

- 80-100% (Red)
- 60-79% (Orange)
- 40-59% (Yellow)
- 20-39% (Light Green)
- 5-19% (Green)
- 0.2-4.9% (Blue)
- < 0.2% (Purple)

FSPro Fire Sizes

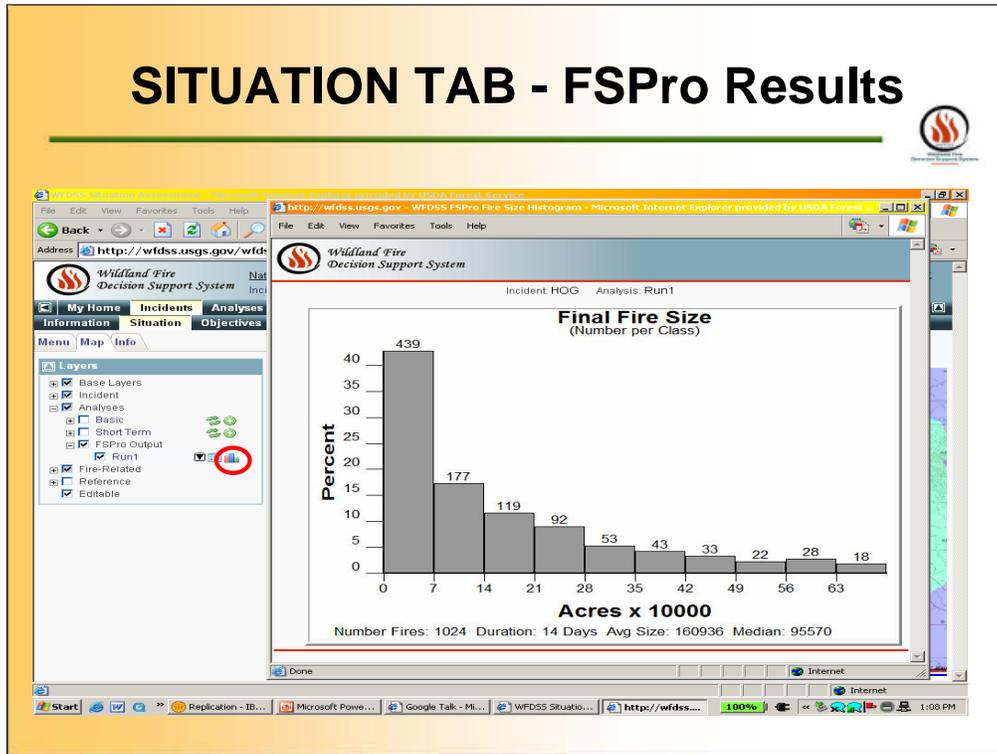
FIRE SIZE	ACRES
Average Size	160,936
90th Percentile	419,014
70th Percentile	198,750
50th Percentile	95,641
30th Percentile	41,167
10th Percentile	24,187
Largest Fire	691,804

FSPro General Information

NAME	VALUE
Analysis Name	Run1
Analyst Name	Hosorka, Marlana
Requested	03/03/2009 21:39
Completed	03/04/2009 17:41
Analysis Status	Complete
Analysis Start	03/04/2009
Duration	14 days
Simulations	1024 fires
Perimeter	Flight 030309 1300
Barrier	No barrier specified
ERC Station	21007 - MULE SHOE
Winds Station	21414 - RUCKER

Click the middle color pallet button to reveal the FSPro Results Legend.

SITUATION TAB - FSPro Results



Click the colored bar graph icon to show the Fire size histogram for the fires that were run through the FSPro simulation. The fire size distribution summary and histogram provide no information on the exact fire size to expect for the modeled period. They provide only the range of modeled fire sizes in relation to the total number of fires during the simulation. In this example, using fire size distribution summary and the histogram, we can see that the average fire size was 160,936 acres and the median fire size was 95,570 acres. We can also tell that the largest fire was 691,804 acres. The histogram shows us that nearly half of the fires run through the simulation were less than 7000 acres.

OBJECTIVES TAB - No Filter- Shows all Incident Objectives and Requirements

The screenshot displays the Wildland Fire Decision Support System interface. The top navigation bar includes 'My Home', 'Incidents', 'Analyses', 'Intelligence', 'Data Management', and 'Help | Feedback'. The main menu has 'Information', 'Situation', 'Objectives', 'Courses of Action', 'Validation', 'Decisions', 'Periodic Assessment', and 'Reports'. The 'Objectives' tab is active, showing a message: 'Incident Objective successfully updated.' Below this is the 'Objective Selection' section with the following options:

- Active Status: All, Currently Active, Never Active, Active on [dropdown]
- Objective Type: Incident Objective, Incident Requirement, Strategic Objective, Management Requirement
- Next Decision: No Filter, Included, Excluded, Included or Excluded

An 'Apply Filter' button is located below the selection options. Below the filter section is a table titled 'Incident Objectives/Requirements For: Test - Ag' with the following data:

Unit/EMU	Type	Activated	Deactivated	Included	Description
<input type="checkbox"/>	Inc Obj		No		Contain the fire at 25 acres
<input type="checkbox"/>	Inc Obj		Yes		Protect private land within the fire area.
<input checked="" type="checkbox"/>	Inc Req		No		The use of dozers with in the Mournment is limited
<input type="checkbox"/>	Inc Req		No		Wate bar all dozer lines to established guidelines.

At the bottom of the table, there are controls for 'Page 1 of 1 Rows per Page 20' and buttons for 'Delete', 'Edit', 'Include', and 'Exclude'.

Users can view all the Incident Objectives and Requirements by not filtering. Make sure the box “Next Decision” has “No Filter” activated.

OBJECTIVES TAB - Filter – Shows Only Included Incident Objectives & Requirements

The screenshot displays the Wildland Fire Decision Support System interface. The top navigation bar includes "My Home", "Incidents", "Analysis", "Intelligence", "Data Management", and "Reports". The "Incidents" tab is active, and the "Objectives" sub-tab is selected. The "Objective Selection" section contains three red-bordered boxes: "Active Status" with radio buttons for "All", "Currently Active", "Never Active", and "Active on"; "Objective Type" with checkboxes for "Incident Objective", "Incident Requirement", "Strategic Objective", and "Management Requirement"; and "Next Decision" with radio buttons for "No Filter", "Included", "Excluded", and "Included or Excluded". Below these filters is a table titled "Incident Objectives/Requirements For: Test - Ag" with columns for "Unit/EMU Type", "Activated", "Deactivated", "Included", and "Description". The table shows two rows: "Inc Obj" (Protected private land within the fire area) and "Inc Req" (The use of dozers within the Mounrment is limited). The "Inc Req" row is selected. The table includes a "Page 1 of 1" indicator and a "Rows per Page: 20" setting, along with "Delete", "Edit", "Include", and "Exclude" buttons.

Users can view selected Incident requirements and incident objectives for the decision by toggling a radio button in box “Next Decision” and/or “Active Status”, along with the “Objective Type” to create “Filter”.

OBJECTIVES TAB – FMU Listing



The screenshot shows the Wildland Fire Decision Support System interface. The top navigation bar includes 'My Home', 'Incidents', 'Analyses', 'Intelligence', and 'Data Management'. Below this, a secondary bar shows 'Information', 'Situation', 'Objectives', 'Courses of Action', 'Validation', 'Decisions', 'Periodic Assessment', and 'Reports'. The 'Objectives' tab is active, displaying a 'Unit Selection' section with three columns: 'Geographic Area', 'Agency', and 'Unit'. The 'Geographic Area' column lists various regions with radio buttons, and 'Southern California' is selected. The 'Agency' column lists agencies, with 'United States Forest Service' selected. The 'Unit' column lists various units, with 'CA-SQF - Sequoia National Forest' selected. Below the 'Unit Selection' section, there are two summary boxes: 'FMUs For Unit CA-SQF - Sequoia National Forest' (stating no selectable FMUs) and 'FMUs For Incident Test - Ag' (containing a table of FMUs). A 'Return' button is at the bottom left.

Unit	FMU	Acres
CA-SQF	SQF FMU	2806.5
CA-SQF	SQF Pnt. Inholdings FMU	174.9

Users will be able to view which FMUs are associated with the Incident under this tab. If other FMUs were available, Users could add them to the incident at this point.

OBJECTIVES TAB - Creating Incident Objective(s) & Requirement(s)

The screenshot displays the Wildland Fire Decision Support System interface. The main title is "OBJECTIVES TAB - Creating Incident Objective(s) & Requirement(s)". The interface includes a navigation menu with options like "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". The "Objectives" tab is selected, showing "Objective Selection" options for Active Status, Objective Type, and Next Decision. Below this, there are buttons for "Create Incident Objective" and "Create Incident Requirement", with the former circled in red. A table below shows incident types and their status:

Incident Type	Activated	Deactivated	Included	Description
Inc Obj		No		Contain the fire at 25 acres
Inc Req		No		The use of dozers with in the Mounment is limited

Creating Incident Objective(s) & Management Requirement(s) by clicking on the “Create Incident Objective” or “Create Incident Requirement”

OBJECTIVES TAB - Create an Incident Objective



The screenshot shows the 'Create Incident Objective' form within the Wildland Fire Decision Support System. The interface includes a top navigation bar with 'My Home', 'Incidents', 'Analyses', 'Intelligence', and 'Data Management'. Below this is a sub-navigation bar with 'Information', 'Situation', 'Objectives', 'Courses of Action', 'Validation', 'Decisions', 'Periodic Assessment', and 'Reports'. The 'Objectives' tab is active, and the form title is 'Create Incident Objective'. The form contains a text area with the description 'Protect private land within the fire area.' and a rich text editor toolbar above it. At the bottom of the form are 'Save' and 'Return' buttons. The system header includes 'Wildland Fire Decision Support System', 'National Preparedness Level 1', 'Incident: Test - Ag', and user information 'Aaron Galobter on Training | Sign out' and 'Analysis: TEST - AG STFB'.

Use the Editor tool to enter the incident objectives.

OBJECTIVES TAB - Create an Incident Requirement



The screenshot displays the Wildland Fire Decision Support System interface. The top navigation bar includes 'My Home', 'Incidents', 'Analyses', 'Intelligence', and 'Data Management'. The 'Analyses' tab is active, showing sub-tabs for 'Objectives', 'Courses of Action', 'Validation', 'Decisions', 'Periodic Assessment', and 'Reports'. The 'Objectives' sub-tab is selected, leading to the 'Create Incident Requirement' form. The form has a 'Description' field with a rich text editor toolbar and a text area containing the placeholder text 'Write bar all dozer lines to established guidelines'. The toolbar includes icons for bold, italic, underline, text color, background color, bulleted list, numbered list, link, unlink, and other editing functions. At the bottom of the form are 'Save' and 'Return' buttons. The left sidebar lists various system functions like 'Incident List', 'FSPro Request', 'RAWAT Request', 'SCI Request', 'FMU List', 'Shape Upload', 'Incident Privileges', and 'Incident Analyses'. The top right corner shows the user 'Aaron Gelotter on Training' and a 'Sign out' link.

Use the Editor tool to enter the incident requirements.

OBJECTIVES TAB - No Filter- Shows all Incident Objectives and Requirements

The screenshot displays the Wildland Fire Decision Support System interface. The top navigation bar includes 'My Home', 'Incidents', 'Analysis', 'Intelligence', 'Data Management', and 'Reports'. The 'Objectives' tab is active, showing a message: 'Incident Objective successfully updated.' Below this, the 'Objective Selection' section has 'Active Status' set to 'All' and 'Objective Type' set to 'Incident Objective'. The 'Next Decision' dropdown is set to 'No Filter', which is circled in red. Below the filters, the 'Incident Objectives/Requirements For Test - Ag' table is displayed with columns for Unit/EMU, Type, Activated, Deactivated, Included, and Description.

Unit/EMU	Type	Activated	Deactivated	Included	Description
<input type="checkbox"/>	Inc Obj		No		Contain the fire at 25 acres.
<input type="checkbox"/>	Inc Obj		Yes		Protect private land within the fire area.
<input checked="" type="checkbox"/>	Inc Req		No		The use of dozers with in the Mourment is limited
<input type="checkbox"/>	Inc Req		No		Wate bar all dozer lines to established guidelines

Page 1 of 1 Rows per Page: 20 [Delete] [Edit] [Include] [Refresh]

Users can view all the Incident Objectives and Requirements by not filtering. Make sure the box “Next Decision” has “No Filter” activated.

OBJECTIVES TAB - Filter – Shows Only Included Incident Objectives & Requirements

The screenshot displays the Wildland Fire Decision Support System interface. The top navigation bar includes "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". The "Objectives" tab is selected, showing a filter configuration for "Incident Test - Ag".

Objective Selection Filter:

- Active Status:** All, Currently Active, Never Active
- Objective Type:** Incident Objective, Incident Requirement, Strategic Objective, Management Requirement
- Next Decision:** Included (circled in red), Excluded, Included or Excluded

Incident Objectives/Requirements For: Test - Ag

Unit/EMU	Type	Activated	Deactivated	Included	Description
<input type="checkbox"/>	Inc Obj		Yes		Protect private land within the fire area.
<input checked="" type="checkbox"/>	Inc Req		Yes		The use of dozers with in the Mounment is limited.

Page 1 of 1 Rows per Page: 20 [Delete] [Edit] [Include] [Exclude]

Users can view selected decision by toggling a radio button in box “Next Decision” and/or “Active Status”, along with the “Objective Type” to create “Filter”.

COURSES OF ACTION TAB - Create an Courses of Action

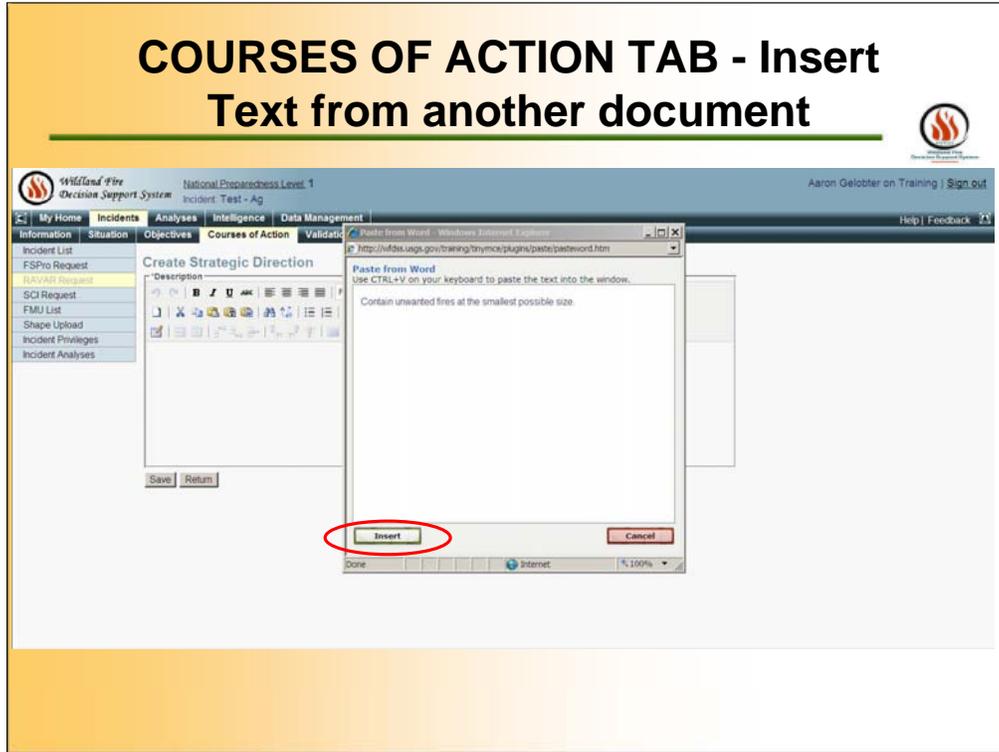
The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "COURSES OF ACTION TAB - Create an Courses of Action" is centered. Below the title, the system header includes the Wildland Fire logo, "National Preparedness Level 1", and the user name "Aaron Gelobter on Training | Sign Out". The navigation menu shows "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". The "Courses of Action" tab is selected, with sub-tabs for "Information", "Situation", "Objectives", "Courses of Action", "Validation", "Decisions", "Periodic Assessment", and "Reports".

The main content area is titled "Strategic Directions Selection". It features two columns of radio buttons for "Active Status" and "Next Decision". The "Active Status" options are "All", "Currently Active", "Never Active", and "Active on []". The "Next Decision" options are "No Filter", "Included", "Excluded", and "Included or Excluded". An "Apply Filter" button is located below these options.

Below the filter section, the "Strategic Directions For Test - Ag" section shows a "Proposed Course of Action" with an "Estimated Cost" of "250,000" and a "Save Cost" button. A red circle highlights the "Create Strategic Direction" button. Below this, there is a table with columns for "Activated", "Deactivated", and "Description". The table currently shows "Page 0 of 0 Rows per Page 20" and buttons for "Delete", "Edit", "Include", and "Exclude".

Creating Strategic Direction by clicking on the “Create Strategic Direction”.

COURSES OF ACTION TAB - Insert Text from another document



Use the Editor tool to enter the strategic direction.

COURSES OF ACTION TAB - Included

The screenshot displays the Wildland Fire Decision Support System interface. The main title is "COURSES OF ACTION TAB - Included". The interface includes a navigation menu with tabs for "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". The "Courses of Action" tab is active. The "Strategic Directions Selection" section shows "Active Status" with "All" selected, and "Next Decision" with "No Filter" selected. The "Proposed Course of Action" section shows an "Estimated Cost" of 250,000. The "Create Strategic Direction" table has the following columns: "Activated", "Deactivated", "Included", and "Description". The "Included" column has a radio button selected. The "Description" column contains the text "Contain unwanted fires at the smallest possible size". The "Included" button in the table is circled in red.

To INCLUDED a Strategic Direction, toggle on the radio button, then clicking on the "Included" button.

COURSES OF ACTION TAB - Included

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "COURSES OF ACTION TAB - Included" is centered. Below it, the system header includes the Wildland Fire logo, "National Preparedness Level 1", and the user "Aaron Gelobter on Training | Sign out". The navigation menu shows "Courses of Action" as the active tab. The main content area is titled "Strategic Directions Selection" and includes a "Proposed Course of Action" section with an "Estimated Cost" of 250,000. Below this is a "Create Strategic Direction" table with columns for "Activated", "Deactivated", "Included", and "Description". The "Included" column has a radio button selected, and the "Description" column contains the text "Contain unwanted fires at the smallest possible size". A red circle highlights the "Included" radio button. At the bottom of the table, there are buttons for "Delete", "Edit", "Include", and "Exclude".

To INCLUDED a Strategic Direction, toggle on the radio button, then Click the “Included” button.

VALIDATION TAB – Courses of Action

The screenshot displays the Wildland Fire Decision Support System interface. The main title is "VALIDATION TAB – Courses of Action". The system header includes "Wildland Fire Decision Support System", "National Preparedness Level: 1", "Incident: Test - Ag", and "Aaron Galobter on Training | Sign out". The navigation menu includes "My Home", "Incidents", "Analyses", "Intelligence", "Data Management", "Information", "Situation", "Objectives", "Courses of Action", "Validation", "Decisions", "Periodic Assessment", and "Reports". The left sidebar lists "Incident List", "FSPro Request", "Disposal Request", "SCI Request", "FMU List", "Shape Upload", "Incident Privileges", and "Incident Analyses". The main content area is titled "Validation" and contains a "Comment" field with the text "Yes - at this time". Below the comment field is a question: "Are the Strategic Objectives being satisfied with the current Course of Action?" with "Yes" and "No" buttons. The "Yes" button is circled in red.

Before a Decision can be reviewed the STRATEGIC OBJECTIVES needs to be validated. Click either YES or NO, If No Users will be required to enter a COMMENT. A yes answer is optional. Users should include information on resource availability, fire behavior models and estimated costs.

DECISION TAB - Creating a Decision

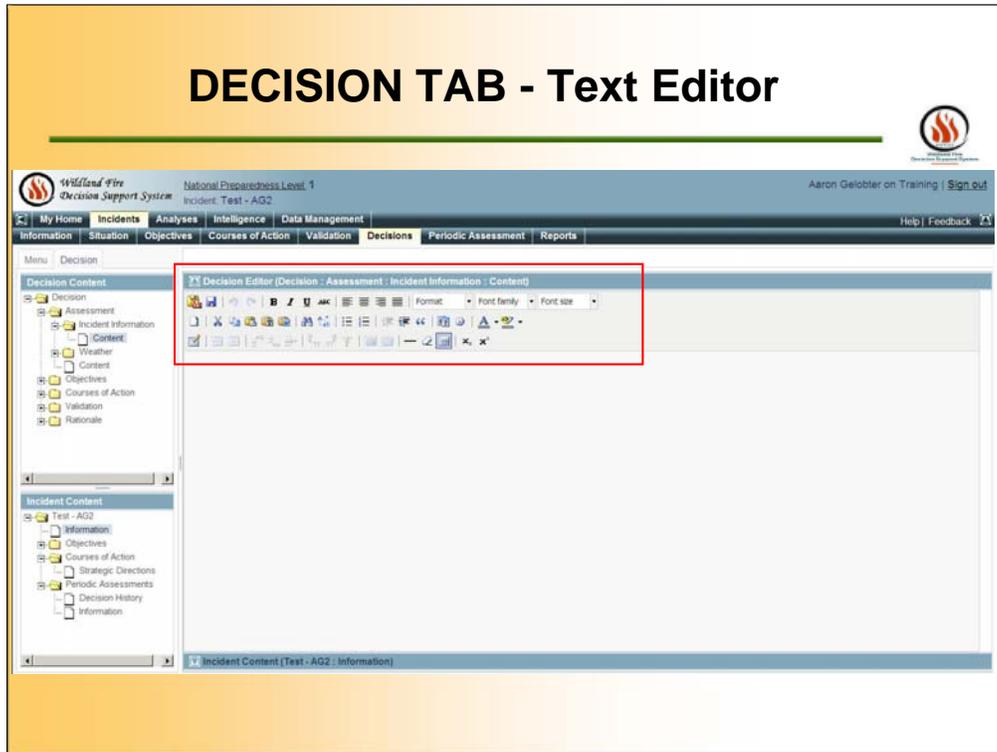
The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "DECISION TAB - Creating a Decision" is centered. Below the title, the system header includes the Wildland Fire logo, "National Preparedness Level 1", and the user name "Aaron Gelobter on Training" with a "Sign out" link. The main navigation bar contains tabs for "My Home", "Incidents", "Analyses", "Intelligence", "Data Management", "Decisions", "Periodic Assessment", and "Reports". The "Decisions" tab is active, showing a "Decisions List" table with columns for "Decision", "Section", "Status", "Editor", "Owner", "Creation Date", and "Last Modified". The table is currently empty, with "Page 0 of 0" and "Rows per Page 20" displayed. A "Create" button is highlighted with a red circle. The left sidebar lists various incident-related actions such as "Incident List", "FSPro Request", "RAVAR Request", "SCI Request", "FMU List", "Shape Upload", "Incident Privileges", and "Incident Analyses".

Click the CREATE button to start the process of documenting a decision.

DECISION TAB - Editing a Decision

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "DECISION TAB - Editing a Decision" is centered. Below the title, the system header includes the Wildland Fire logo, "National Preparedness Level 1", and the user "Aaron Gelobter on Training | Sign out". The main navigation bar contains tabs for "My Home", "Incidents", "Analyses", "Intelligence", "Data Management", "Decisions", "Periodic Assessment", and "Reports". The "Decisions" tab is active, showing a message: "Decision '03/09/2009 13:26' created." Below this, there is a "Decisions List" section with a "Set Decision List Preferences" area and a table of decisions. The table has columns for "Decision", "Section", "Status", "Editor", "Owner", "Creation Date", and "Last Modified". A single row is visible with the following data: "03/09/2009 13:26", "Available", "Gelobter, Aaron", "Gelobter, Aaron", "03/09/09 13:26", and "03/09/09 13:26". The "Edit" button in the table is circled in red. Below the table, there are pagination controls showing "Page 1 of 1" and "Rows per Page: 20".

After a Decision is created but not yet published, users can EDIT the content of the decision.



Use the Editor tool to enter the DECISION CONTENT. After April 1st numerous fields will be pre-populated. Before then users can copy the content from the INCIDENT CONTENT into the DECISION CONTENT. Users can Right Click selected text and choose “copy”. Users can then move to the DECISION DOCUMENT and click “control” “v” to paste the content into the proper place. This utility will improve after April 1st and then again after June 1st. There will also be a feature to insert images such as maps and climatology information.

DECISION TAB - Documentation



Wildland Fire Decision Support System

National Preparedness Level 1
Incident: Test - Ag

Aaron Galotbar on Training | Sign out

My Home Incidents Analyses Intelligence Data Management

Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Content
Weather
Content
Content

Incident Content

- Test - Ag
 - Information
 - Objectives
 - Courses of Action
 - Periodic Assessments
 - Basic
 - TEST - AG BFB
 - STFB
 - TEST - AG STFB

000
FNUS56 KHIX 042201
FWFHXX
FIRE WEATHER PLANNING FORECAST FOR INTERIOR CENTRAL CALIFORNIA
NATIONAL WEATHER SERVICE SAN JOAQUIN VALLEY - HANFORD CA
201 PM PST WED MAR 4 2009

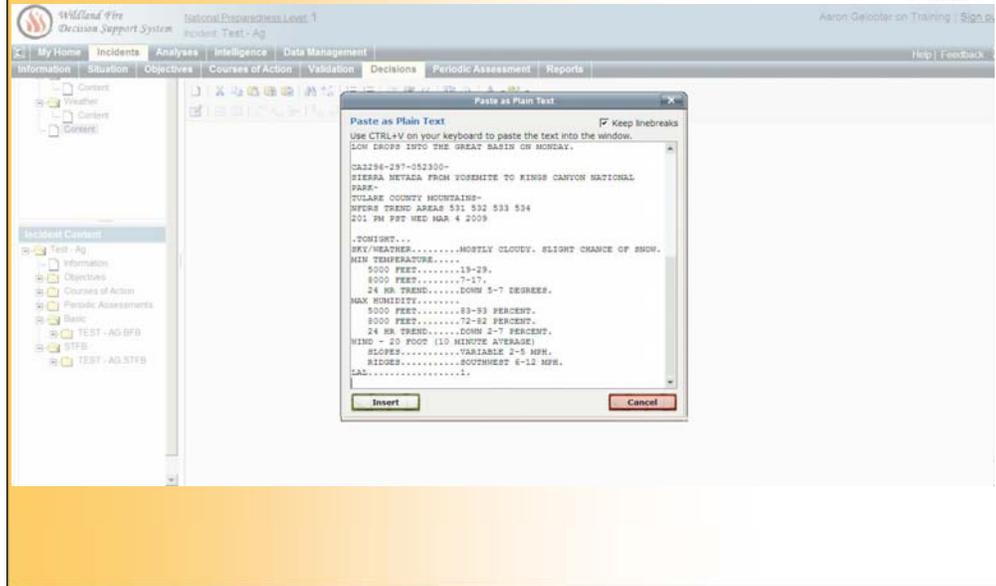
[DISCUSSION. A LARGE UPPER LOW PRESSURE CENTER WILL SLOWLY PUSH EASTWARD ACROSS NORTHERN CALIFORNIA THROUGH THURSDAY AND INTO THE GREAT BASIN ON FRIDAY. KEEPING UNSETTLED WEATHER ACROSS THE DISTRICT. THE UNSTABLE ARM MASS WILL ALLOW FOR ISOLATED THUNDERSTORMS ACROSS THE SAN JOAQUIN VALLEY THROUGH FRIDAY. HIGH PRESSURE WILL BUILD INLAND OVER THE WEEKEND BRINGING DRIER WEATHER AND A WARMING TREND BEFORE AN UPPER LOW DROPS INTO THE GREAT BASIN ON MONDAY.

CAZZ96-297-052300-
SIERRA NEVADA FROM YOSEMITE TO KINGS CANYON NATIONAL PARK-
TULARE COUNTY MOUNTAINS-
NFDRS TREND AREAS 531 532 533 534
201 PM PST WED MAR 4 2009

TONIGHT
SKYWEATHER ... MOSTLY CLOUDY. SLIGHT CHANCE OF SNOW.
MIN TEMPERATURE ...
5000 FEET ... 19-29
8000 FEET ... 7-17
24 HR TREND ... DOWN 5-7 DEGREES
MAX HUMIDITY ...
5000 FEET ... 83-93 PERCENT
8000 FEET ... 72-82 PERCENT
24 HR TREND ... DOWN 2-7 PERCENT
WIND ... 20 FOOT (10 MINUTE AVERAGE)
SLOPES ... VARIABLE 2-5 MPH

Copy and paste information between INCIDENT CONTENT and the DECISION CONTENT, along with information from the SITUATION Tab.

DECISION TAB - Inserting Text



Example of inserting fire weather forecast information.

DECISION TAB - Saving the Documentation



Wildland Fire Decision Support System
National Preparedness Level 1
Incident: Test - Ag
Aaron Gelobter on Training | Sign out

My Home Incidents Analyses Intelligence Data Management
Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Menu Decision

Decision Content was saved.

Decision Editor (Assessment : Incident Information : Content)

Incident Requirement List

Active Inactive Incident Requirement

Waste bar all dozer lines to established guidelines.
The use of dozers with in the Mounment is limited.

Incident Objective List

Active Inactive Incident Objective

Protect private land within the fire area.
Contain the fire at 25 acres.

Make sure you save your work each time you paste content into the DECISION CONTENT. Click the SAVE tool. (circled in RED – the symbol of the antique floppy disk we are used to from WORD).

DECISION TAB - Checking the Document Back In (Check-in)

The screenshot displays the Wildland Fire Decision Support System interface. The top navigation bar includes tabs for Information, Situation, Objectives, Courses of Action, Validation, Decisions, Periodic Assessment, and Reports. The 'Decisions' tab is active. Below the navigation bar, there is a sidebar with links like Incident List, FSPHO Request, and Incident Privileges. The main content area shows a 'Decisions List' table with columns for Decision, Section, Status, Editor, Owner, Creation Date, and Last Modified. A single row is visible with the following data: Decision ID 03/09/2009 13:28, Section 'Being Edited', Editor 'Gelobter, Aaron', Owner 'Gelobter, Aaron', Creation Date '03/09/09 13:28', and Last Modified '03/09/09 13:28'. Below the table, there are controls for 'Page 1 of 1', 'Rows per Page: 20', and buttons for 'Edit', 'Check In', 'Cancel', and 'Delete'. The 'Check In' button is circled in red.

Once you are done editing make sure to “CHECK-IN” the documents.

DECISION TAB - Edit Sub-parts of the Decision by different individuals



Wildland Fire Decision Support System National Preparedness Level 1 Incident: Test - AG2 Aaron Gelobter on Training | Sign out

My Home Incidents Analyses Intelligence Data Management Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports Help | Feedback

Incident List
FSPro Request
RSWAS Request
SC Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses

Decisions List
Set Decision List Preferences
View Information | Request Review | Review | View

Decision	Section	Status	Editor	Owner	Creation Date	Last Modified
03/09/2009 13:26		Available	Gelobter, Aaron	Gelobter, Aaron	03/09/09 13:26	03/09/09 13:40
03/09/2009 13:26	Assessment	Available	Gelobter, Aaron	Gelobter, Aaron	03/09/09 13:26	03/09/09 13:36
03/09/2009 13:26	Response	Available	Gelobter, Aaron	Gelobter, Aaron	03/09/09 13:26	03/09/09 13:40
03/09/2009 13:26	Course of Action	Available	Gelobter, Aaron	Gelobter, Aaron	03/09/09 13:26	03/09/09 13:36
03/09/2009 13:26	Validation	Available	Gelobter, Aaron	Gelobter, Aaron	03/09/09 13:26	03/09/09 13:36
03/09/2009 13:26	Rationale	Available	Gelobter, Aaron	Gelobter, Aaron	03/09/09 13:26	03/09/09 13:36

Page 1 of 1 Rows per Page: 20 Edit Check In Check Out Delete

View Information | Request Review | Review | View

Several users will be allowed to edit different portions of the decision at the same time. For example, a user could be editing the Course Of Action while another user is Editing the Assessment portion of the decision document.

DECISION TAB - Locked while each section is edited

The screenshot displays the Wildland Fire Decision Support System interface. The top navigation bar includes 'My Home', 'Incidents', 'Analyses', 'Intelligence', 'Data Management', and 'Reports'. The 'Decisions' tab is active. The main content area shows a 'Decisions List' table with columns for Decision, Section, Status, Editor, Owner, Creation Date, and Last Modified. The table contains several rows, with the second row highlighted. Red circles and numbers are used to highlight specific elements: Red Circle #1 points to a radio button in the 'Decision' column of the second row; Red Circle #2 points to the 'Status' column of the second row, which contains the word 'Locked'; Red Circle #3 points to the 'Check In' button in the table's footer.

Decision	Section	Status	Editor	Owner	Creation Date	Last Modified
<input checked="" type="radio"/>	03/05/2009 11 07	Assessment	Being Edited	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11 07 03/05/09 11 10
<input type="radio"/>	03/05/2009 11 07	Objectives	Available	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11 07 03/05/09 11 07
<input type="radio"/>	03/05/2009 11 07	Course of Action	Available	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11 07 03/05/09 11 07
<input type="radio"/>	03/05/2009 11 07	Validation	Available	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11 07 03/05/09 11 07
<input type="radio"/>	03/05/2009 11 07	Rationale	Available	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11 07 03/05/09 11 07

Under Red Circle #1 use the radio button to select the sub-part to be edited. Red Circle #2 show that the decision is LOCKED during editing. Also CHECK-IN after editing is completed (Red Circle #3)

DECISION TAB - Request Review

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "DECISION TAB - Request Review" is centered. Below the title, the system header includes the Wildland Fire logo, "National Preparedness Level 1", "Incident Test - AG2", and the user "Aaron Gelobter on Training | Sign out". The main navigation bar contains tabs for "My Home", "Incidents", "Analyses", "Intelligence", "Data Management", "Decisions", "Periodic Assessment", and "Reports". The "Decisions" tab is active, showing a sub-menu with "Information", "Situation", "Objectives", "Courses of Action", "Validation", "Decisions", "Periodic Assessment", and "Reports". The "Decisions List" section includes a "Set Decision List Preferences" button and a table with columns: Decision, Section, Status, Editor, Owner, Creation Date, and Last Modified. A single row is visible with the following data: Decision ID 03-09-2009 13-26, Status Available, Editor Gelobter, Aaron, Owner Gelobter, Aaron, Creation Date 03/09/09 13:26, and Last Modified 03/09/09 14:00. Below the table, there are controls for "Page 1 of 1", "Rows per Page: 20", and buttons for "Edit", "Checklist", "Create", and "Delete". At the bottom of the table, there are buttons for "View Information", "Request Review" (circled in red), and "View".

Now ready for a REVIEW, by clicking the “Review Request” Button. This will only show after decision has been Validated and REVIEWERS and APPROVERS have been designated. We will get to granting Incident Privileges shortly. To make sure Decision Requirements are complete, Click the VIEW INFORMATION button.

DECISION TAB - Items needed to be completed prior to a Decision

The screenshot shows the Wildland Fire Decision Support System interface. The top navigation bar includes tabs for My Home, Incidents, Analyses, Intelligence, Data Management, and Reports. The main content area is titled "Decision Information" and displays details for a decision made on 03/05/2009 at 11:07, with a status of "Available" and owner "Gelobter, Aaron". Below this, there are sections for "Decision Reviewers And Approvers" (both showing "No reviewers/approvers have been specified") and "Requirements That Must Be Completed Before An Incident Decision Can Be Reviewed". A red box highlights this requirements section, which lists: "At least one Decision Approver must be granted privileges" and "The proposed Course of Action needs to be validated (from the Validation page)". At the bottom, a "Decision History" table shows a list of actions performed by Aaron Gelobter, including "Checked In", "Locked", and "Created", with their respective dates and statuses.

Editor Name	Action	Section	Date	Status	Comment
Gelobter, Aaron	Checked In		03/05/09 11:17	Available	
Gelobter, Aaron	Locked		03/05/09 11:17	Locked	
Gelobter, Aaron	Checked In		03/05/09 11:17	Available	
Gelobter, Aaron	Locked		03/05/09 11:08	Locked	
Gelobter, Aaron	Created		03/05/09 11:07	Available	
Gelobter, Aaron	Checked In	Assessment	03/05/09 11:17	Available	
Gelobter, Aaron	Checked Out	Assessment	03/05/09 11:17	Being Edited	
Gelobter, Aaron	Checked In	Assessment	03/05/09 11:17	Available	
Gelobter, Aaron	Checked Out	Assessment	03/05/09 11:08	Being Edited	

Users can navigate to this screen by selecting View Information on the previous slide. The Decision can not be reviewed because the of the items need to be completed under the “Requirements That Must Be Completed Before An Incident Decision Can Be Review” screen.

VALIDATION TAB – Prior to Publishing a Decision

Wildland Fire Decision Support System

National Preparedness Level 1
Incident: Test - Ag

Aaron Galobter on Training | Sign out

My Home Incidents Analyses Intelligence Data Management

Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Incident List
FSPRO Request
SAVARD Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses

Validation

Comment
Yes - at this time.

Are the incident and Strategic Objectives being satisfied with the proposed Course of Action? Yes No

Other Items to Consider

Are the resources available to accomplish this course of action?
If the answer is no, you need to re-visit your course of action.

If fire behavior modeling was used, does it suggest that your course of action will meet the objectives?

Are the estimated costs for the course of action in line with historical costs?

Before a Decision can be reviewed, the STRATEGIC OBJECTIVES needs to be validated. Click either YES or NO. If you click No, you will be required to enter a COMMENT. A yes answer is optional. Users should include information on resource availability, fire behavior models and estimated costs.

Granting Incident Privileges (Reviewer)



The screenshot displays the 'Grant Incident Privileges' interface. On the left sidebar, the 'Incident Privileges' menu item is circled in red. The main content area shows a 'User List Filter' section with checkboxes for 'Enabled Editors', 'Enabled Reviewers', and 'Enabled Approvers'. Below this is a 'User List' table with columns for 'Edit', 'Review', 'Approve', 'User Name', 'E-mail Address', 'Phone Number', 'Geographic Area', and 'Agency'. The 'Review' checkbox for the first user is selected and circled in red. The table contains the following data:

Edit	Review	Approve	User Name	E-mail Address	Phone Number	Geographic Area	Agency
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				Rocky Mountain	USFS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				Southwest	USFS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				Southwest	USFS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				National	USFS

Click INCIDENT PRIVILEGE button to select a REVIEWER. NOTE- REVIEWERS can have EDIT privileges granted; however, they can not have APPROVER privileges.

Granting Incident Privileges (Approver)



Wildland Fire Decision Support System National Preparedness Level 1
Incident Test - Ag

My Home Incidents Analyses Intelligence Data Management
Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Incident List
FSPro Request
RAVAR Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses

Grant Incident Privileges

User List Filter

Enabled Users
 Enabled Editors
 Enabled Reviewers
 Enabled Approvers

Geographic Areas
Alaska
Eastern
Eastern Great Basin
Northern California
Northern Rockies

Agencies
BIA
BLM
FWS
NPS
USFS

User Name
jgelobter
Apply Filter

User List

Save Return

Edit	Review	Approve	User Name	E-mail Address	Phone Number	Geographic Area	Agency
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>				Southern California	Other

Page 1 of 1 Rows per Page 30
Save Return

Click INCIDENT PRIVILEGE button to select APPROVER(s) for the decision document. APPROVERS also need to be granted EDIT privileges on this screen. This will enable the APPROVER(s) to complete the PERIODIC ASSESSMENT tab.

Granting Incident Privileges (EDIT)



Wildland Fire Decision Support System National Preparedness Level 1
Incident: Test - Ag

My Home Incidents Analyses Intelligence Data Management

Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Incident List
FSPro Request
RAVAR Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses

Grant Incident Privileges

User List Filter

Enabled Users
 Enabled Editors
 Enabled Reviewers
 Enabled Approvers

Geographic Areas
Alaska
Eastern
Eastern Great Basin
Northern California
Northern Rockies

Agencies
BIA
BLM
FWS
NPS
USFS

User Name
jgelobter
Apply Filter

User List

Save Return

Edit	Review	Approve	User Name	E-mail Address	Phone Number	Geographic Area	Agency
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>				Southern California	Other

Page 1 of 1 Rows per Page 30

Save Return

This is also the location where groups of editors of the decision document can be created/added.

DECISION TAB - All requirements are met for the Approval



Wildland Fire Decision Support System National Preparedness Level 1
Incident: Test - Ag

My Home Incidents Analyses Intelligence Data Management
Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Incident List
FSPro Request
RAVAR Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses
Incident Decisions List

Decision Information

Decision	Decision Status	Owner Name
03/05/2009 11:07	Available	Gelobter, Aaron
Editor Name	Created Date	Last Modified
Gelobter, Aaron	03/05/09 11:07	03/05/09 11:17

Decision Reviews And Approvers

Decision Reviewers			Decision Approvers		
Name	Agency	Review Time	Name	Agency	Approval Time
Hovorka, Marlena	USFS		Gelobter, Aaron	Other	

Decision History

Editor Name	Action	Section	Date	Status	Comment
Gelobter, Aaron	Checked In		03/05/09 11:17	Available	
Gelobter, Aaron	Locked		03/05/09 11:17	Locked	
Gelobter, Aaron	Checked In		03/05/09 11:17	Available	
Gelobter, Aaron	Locked		03/05/09 11:08	Locked	
Gelobter, Aaron	Created		03/05/09 11:07	Available	
Gelobter, Aaron	Checked In	Assessment	03/05/09 11:17	Available	
Gelobter, Aaron	Checked Out	Assessment	03/05/09 11:17	Being Edited	
Gelobter, Aaron	Checked In	Assessment	03/05/09 11:17	Available	
Gelobter, Aaron	Checked Out	Assessment	03/05/09 11:08	Being Edited	
Gelobter, Aaron	Created	Assessment	03/05/09 11:07	Available	

Page 1 of 2 Rows Per Page: 10

All requirements are met for the Approval

DECISION TAB - Review Requested

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "DECISION TAB - Review Requested" is centered. Below the title, the system header includes the Wildland Fire Decision Support System logo, "National Preparedness Level 1", "Incident: Test - Ag", and the user "Aaron Gelobter on Training | Sign out". The main navigation bar contains tabs for "My Home", "Incidents", "Analyses", "Intelligence", "Data Management", "Decisions", "Periodic Assessment", and "Reports". The "Decisions" tab is active, showing a "Decisions List" with a table of entries. The table has columns for "Decision", "Section", "Status", "Editor", "Owner", "Creation Date", and "Last Modified". A single entry is visible: "03/05/2009 11:07", "Available", "Gelobter, Aaron", "Gelobter, Aaron", "03/05/09 11:07", and "03/05/09 11:17". Below the table, there are controls for "Page 1 of 1", "Rows per Page: 20", and buttons for "Edit", "Check In", "Check Out", and "Delete". A "Request Review" button is circled in red, indicating the action to be taken.

Click REQUEST REVIEW button to begin the process of review and approval.

DECISION TAB - Submission Requested



Wildland Fire Decision Support System National Preparedness Level: 1 Incident: Test - Ag Aaron Gelobter on Training | Sign out

My Home Incidents Analyses Intelligence Data Management Help | Feedback

Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Incident List
 FSP/Pro Request
 Request Requested
 SCI Request
 FMU List
 Shape Upload
 Incident Privileges
 Incident Analyses
 Incident Decisions List

Request Incident Decision Review

Decision	Decision Status	Owner Name
03/05/2009 11:07	Available	Gelobter, Aaron

Editor Name	Created Date	Last Modified
Gelobter, Aaron	03/05/09 11:07	03/05/09 11:17

Decision Reviewers And Approvers

Decision History

Editor Name	Action	Section	Date	Status	Comment
Gelobter, Aaron	Checked In		03/05/09 11:17	Available	
Gelobter, Aaron	Locked		03/05/09 11:17	Locked	
Gelobter, Aaron	Checked In		03/05/09 11:17	Available	
Gelobter, Aaron	Locked		03/05/09 11:08	Locked	
Gelobter, Aaron	Created		03/05/09 11:07	Available	
Gelobter, Aaron	Checked In	Assessment	03/05/09 11:17	Available	
Gelobter, Aaron	Checked Out	Assessment	03/05/09 11:17	Being Edited	
Gelobter, Aaron	Checked In	Assessment	03/05/09 11:17	Available	
Gelobter, Aaron	Checked Out	Assessment	03/05/09 11:08	Being Edited	
Gelobter, Aaron	Created	Assessment	03/05/09 11:07	Available	

Page 1 of 2 Rows per Page: 10

Submit Request Return

The section “Requirements That Must Be Completed Before An Incident Decision Can Be Review” is gone.

DECISION TAB - The Decision has been Submitted

The screenshot displays the Wildland Fire Decision Support System interface. At the top, a yellow banner reads "DECISION TAB - The Decision has been Submitted". The system header includes the logo, "National Preparedness Level 1", and the user "Aaron Gelobter on Training | Sign out". The navigation menu includes "My Home", "Incidents", "Analyses", "Intelligence", "Data Management", "Periodic Assessment", and "Reports". The "Decisions" tab is active, and a red circle highlights the text "Decision '03/05/2009 11:07' submitted for review." in the "Courses of Action" section. Below this, the "Decisions List" table shows one entry:

Decision	Section	Status	Editor	Owner	Creation Date	Last Modified
03/05/2009 11:07		Reviewable	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11:07	03/05/09 11:24

Page 1 of 1 Rows per Page: 20

Submission sent to the Reviewer and on to the Approver.

Incident can not be edited while in the Review Process



The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "Incident can not be edited while in the Review Process" is shown. Below it, the system header includes "Wildland Fire Decision Support System", "National Preparedness Level 1", and "Incident: Test - Ag". The user "Aaron Gelobter on Training" is logged in. The navigation menu includes "My Home", "Incidents", "Analyses", "Intelligence", "Data Management", "Help", and "Feedback". The main content area shows the "Incident List" for "Test - Ag". A red circle highlights a message: "A Decision Review is in process - the content of this page cannot be edited". The incident details form includes fields for "Incident Name" (Test - Ag), "Geographic Area" (Southern California), "Owner Name" (Gelobter, Aaron), "Fire Number" (CA-SCF-000007), "Fire Code" (PSDY6A), "Unit Name" (Sequoia National Forest), and "Incident Size (acres)" (2.0). The "Incident Cause" is set to "Unknown". The "Incident Start Date" is 03/03/2009 and the "Incident Start Time" is 13:27. The "Affected Jurisdiction(s)" list includes "United States Forest Service" (checked) and "Other". The "Landscape Data Source" list includes "LANDFIRE National" (checked) and "LANDFIRE Rapid Refresh" (checked).

Incident can not be edited while in the Review Process

DECISION TAB - Approval Action



Wildland Fire Decision Support System
National Preparedness Level 1
Incident Test - Ag

My Home Incidents **Analyses** Intelligence Data Management

Information Situation Objectives Courses of Action Validation **Decisions** Periodic Assessment Reports

Incident List
FSPro Request
RAVAR Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses
Incident Decisions List

Review Incident Decision
Decision
03/05/2009 11:07

View **Action** History

- Decision
 - Assessment
 - Incident Information
 - Content
 - Weather
 - Content
 - Objectives
 - Content
 - Courses of Action
 - Content
 - Validation
 - Content
 - Rationale
 - Content

Incident Objective List

Active	Inactive	Incident Objective
		Protect private land within the fire area.
		Contain the fire at 25 acres.

Incident Requirement List

Active	Inactive	Incident Requirement
		Wade bar all dozer lines to established guidelines.
		The use of dozers with in the Mounrment is limited.

The Review Incident Decision screen will appear once a REVIEWER or APPROVER clicks the REVIEW button. The ACTION tab is where the decision document is approved.

DECISION TAB - Approved



Wildland Fire Decision Support System National Preparedness Level 1
Incident: Test - Ag

My Home Incidents Analyses Intelligence Data Management

Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Incident List
FSPro Request
RAVAR Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses
Incident Decisions List

Review Incident Decision
Decision
03/05/2009 11:07
View Action History

Decision Reviewers And Approvers

Decision Reviewers			Decision Approvers		
Name	Agency	Review Time	Name	Agency	Approval Time
Hovorka, Marlena	USFS		Gelobter, Aaron	Other	

Decision Action

Approve Decision Reject Decision...

*Rejection Comment (A comment is only associated with a decision rejection)

Click either APPROVE DECISION or REJECT DECISION, If REJECTED you will be required to enter a COMMENT. Under APPROVED DECISION you will NOT be able to comment. If you are the APPROVER, you will need to fill out the Periodic Assessment.

PERIODIC ASSESSMENT TAB – Once the Decision is Approved

The screenshot displays the Wildland Fire Decision Support System interface. The top navigation bar includes tabs for My Home, Incidents, Analyses, Intelligence, Data Management, and Reports. The main content area is titled "Periodic Assessment" and contains a table with the following data:

Date	Approver	Action	Comments
03/05/2009 11:31	Gelobter, Aaron	Published	

Below the table, there is a section for "Periodic Assessment" with a dropdown menu set to "1". The text indicates "Number of days until the next assessment is due". There is also a checkbox for "Send me an email reminder the morning the next assessment is due" and a text input field for "Comment (A comment must be entered when a new decision is required)". At the bottom, there are two buttons: "Current Decision Valid" and "New Decision Required".

Periodic Assessment – Once the Decision is Approved you will need to set the NUMBER OF DAY UNTIL THE NEXT ASSESSMENT (up to 14 days)

REVIEW



- **OBJECTIVES TAB** – Strategic Objectives, Management Requirements, Incident Objectives, Incident Requirements
- **COURSES OF ACTION TAB** – Develop course of action commensurate with objectives
- **VALIDATION TAB** – Document resource availability, fire behavior, and cost
- **DECISION TAB** – Build and Review Decision Document – Assessment, Objectives, Course of Action, Validation, and Rationale
- **PERIODIC ASSESSMENT TAB** – Set Assessment schedule, review, validate and confirm course of action still valid

REVIEW of the Decision Process

Incident Objectives and Management Requirements are Activated



Wildland Fire Decision Support System National Preparedness Level 1
Incident: Test - Ag

My Home **Incidents** Analyses Intelligence Data Management

Information Situation **Objectives** Courses of Action Validation Decisions Periodic Assessment Reports

Incident List
FSPro Request
RAVAIR Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses

Objective Selection

Active Status
 All
 Currently Active
 Active on []
Apply Filter

Objective Type
 Incident Objective
 Incident Requirement
 Strategic Objective
 Management Requirement

Incident Objectives/Requirements For Test - Ag

Create Incident Objective Create Incident Requirement

Unit/FMU	Type	Activated	Deactivated	Description
	Inc Obj	03/05/2009		Protect private land within the fire area.
	Inc Req	03/05/2009		The use of dozers with in the Mounment is limited.

Page 1 of 1 Rows per Page: 20 Delete... Edit Include Exclude

You will be able to view INCIDENT and MANAGEMENT REQUIREMENTS associated with this Incident under this tab.

Courses of Action is Activated

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "Courses of Action is Activated" is shown. Below the title, the system logo and "National Preparedness Level: 1" are visible. The main navigation bar includes "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". The "Courses of Action" tab is selected, showing a sidebar with options like "Incident List", "FSPRO Request", "RAVAR Request", "SCI Request", "FMU List", "Shape Upload", "Incident Privileges", and "Incident Analyses". The main content area is titled "Strategic Directions Selection" and includes an "Active Status" section with radio buttons for "All", "Currently Active", and "Active on". Below this is a "Proposed Course of Action" section with an "Estimated Cost" field set to "250,000" and a "Save Cost" button. A "Create Strategic Direction" section contains a table with columns for "Activated", "Deactivated", and "Description". The "Activated" column has a red circle around the text "Activated". The table shows a date "03/05/2009" and a description "Contain unwanted fires at the smallest possible size." At the bottom, there are pagination controls: "Page 1 of 1", "Rows per Page: 20", and buttons for "Delete...", "Edit", "Include", and "Exclude".

You will be able to view the status of the COURSE OF ACTIONS under this tab.

Validation Tab



 **Wildland Fire Decision Support System** National Preparedness Level: 1
Incident: Test - Ag

[My Home](#) **Incidents** [Analyses](#) [Intelligence](#) [Data Management](#)

[Information](#) [Situation](#) [Objectives](#) [Courses of Action](#) **Validation** [Decisions](#) [Periodic Assessment](#) [Reports](#)

Incident List	
FSPRO Request	Validation
RAVAR Request	<i>The current decision is still valid. No validation required as this time.</i>
SCI Request	
FMU List	
Shape Upload	
Incident Privileges	
Incident Analyses	

You will be able to view the status of the VALIDATION under this tab.

The Decisions has Published

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "The Decisions has Published" is centered. Below it, the system logo and "National Preparedness Level: 1" are visible. The main navigation bar includes "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". A secondary navigation bar lists "Information", "Situation", "Objectives", "Courses of Action", "Validation", "Decisions", "Periodic Assessment", and "Reports". The "Decisions" tab is active, showing a "Decisions List" with a table of entries. The table has columns for "Decision", "Section", "Status", "Editor", "Owner", "Creation Date", and "Last Modified". One entry is shown with the status "Published" circled in red. Below the table are pagination controls and action buttons.

Wildland Fire Decision Support System
National Preparedness Level: 1
Incident: Test - Ag

My Home Incidents Analyses Intelligence Data Management
Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Incident List
FSPRO Request
RAVAR Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses

Decisions List
Set Decision List Preferences
View Information Request Review Review View

Decision	Section	Status	Editor	Owner	Creation Date	Last Modified
<input checked="" type="checkbox"/>	03/05/2009 11:31	Published	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11:07	03/05/09 11:31

Page 1 of 1 Rows per Page: 20 Edit Check In Create Delete

View Information Request Review Review View

Users can review the status of the decision

Decision Sub-parts all show Published



Wildland Fire Decision Support System National Preparedness Level 1
Incident: Test - Ag

My Home Incidents Analyses Intelligence Data Management

Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Incident List
ESPro Request
RAVAR Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses

Decisions List

[Set Decision List Preferences](#)

[View Information](#) [Request Review](#) [Review](#) [View](#)

<input checked="" type="checkbox"/>	Decision	Section	Status	Editor	Owner	Creation Date	Last Modified
<input checked="" type="checkbox"/>	03/05/2009 11:31	Assessment	Published	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11:07	03/05/09 11:31
<input type="checkbox"/>	03/05/2009 11:07	Objectives	Published	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11:07	03/05/09 11:31
<input type="checkbox"/>	03/05/2009 11:07	Course of Action	Published	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11:07	03/05/09 11:31
<input type="checkbox"/>	03/05/2009 11:07	Validation	Published	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11:07	03/05/09 11:31
<input type="checkbox"/>	03/05/2009 11:07	Rationale	Published	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11:07	03/05/09 11:31

Page 1 of 1 Rows per Page: 20 [Edit](#) [CheckIn](#) [Create](#) [Delete](#)

[View Information](#) [Request Review](#) [Review](#) [View](#)

You will be able to view COMPLETED DECISION document by anyone of the subsections in the decision under this tab.

Decision - History



Wildland Fire Decision Support System National Preparedness Level 1
Incident: Test - Ag

My Home Incidents Analyses Intelligence Data Management

Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Rep

Incident List

- FSPRO Request
- RAVAR Request
- SC Request
- FMU List
- Shape Upload
- Incident Privileges
- Incident Analyses
- Incident Decisions List

Decision Information

Decision	Decision Status	Owner Name
03/05/2009 11:31	Published	Gelobter, Aaron
Editor Name	Created Date	Last Modified
Gelobter, Aaron	03/05/09 11:07	03/05/09 11:31

Decision History

Editor Name	Action	Section	Date	Status	Comment
Gelobter, Aaron	Decision Still Valid		03/05/09 11:32	Published	
Gelobter, Aaron	Published		03/05/09 11:31	Published	
Gelobter, Aaron	Approved		03/05/09 11:24	Reviewable	
Gelobter, Aaron	Review Requested		03/05/09 11:24	Reviewable	
Gelobter, Aaron	Checked In		03/05/09 11:17	Available	
Gelobter, Aaron	Locked		03/05/09 11:17	Locked	
Gelobter, Aaron	Checked In		03/05/09 11:17	Available	
Gelobter, Aaron	Locked		03/05/09 11:08	Locked	
Gelobter, Aaron	Created		03/05/09 11:07	Available	
Gelobter, Aaron	Published	Assessment	03/05/09 11:31	Published	

Page 1 of 3 Rows Per Page: 10

Edit Content Return

Users will be able to view COMPLETED DECISION history under this tab. Throughout the course of the incident, users can view the history of the decisions made on the incident and the changes in the Course of Action.

View The Decision



Wildland Fire Decision Support System National Preparedness Level: 1
Incident: Test - Ag

My Home Incidents Analyses Intelligence Data Management

Information Situation Objectives Courses of Action Validation Decisions Periodic Assessment Reports

Incident List
FSPro Request
RAVAR Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses
Incident Decisions List

View Incident Decision
Decision
03/05/2009 11:31

View History

- Decision
 - Assessment
 - Incident Information
 - Content
 - Weather
 - Content
 - Objectives
 - Content
 - Courses of Action
 - Content
 - Validation
 - Content
 - Rationale
 - Content

Strategic Direction List

Active	Inactive	Strategic Direction
03/05/09		Contain unwanted fires at the smallest possible size.

Incident Information

NAME	VALUE
Incident Name	Test - Ag
Latitude	36.1623 N
Longitude	118.705 W
Geographic Area	Southern California
Jurisdiction(s)	USFS
Unit Name	Sequoia National Forest
Fire Number	CA-SQF-000007
Fire Code	P5D16A
Incident Start	Mar 03, 2009 13:27
Confined	
Controlled	
Out	
Incident Cause	Unknown
Nationally Significant	No
Incident Size	2.0 acres
Owner Name	Gelobter, Aaron

You will be able to view COMPLETED DECISION document under this tab.

Periodic Assessment is Created



Wildland Fire Decision Support System National Preparedness Level: 1
Incident: Test - Ag

My Home Incidents Analyses Intelligence Data Management

Information Situation Objectives Courses of Action Validation Decisions **Periodic Assessment** Reports

Incident List
FSPro Request
RAVAR Request
SCI Request
FMU List
Shape Upload
Incident Privileges
Incident Analyses

Periodic Assessment List

Date	Approver	Action	Comments
03/05/2009 11:31	Gelobter, Aaron	Published	
03/05/2009 11:32	Gelobter, Aaron	Decision Still Valid	

Periodic Assessment

The next assessment is due on or before 03/06/2009

Number of days until the next assessment is due

Send me an email reminder the morning the next assessment is due

Comment (A comment must be entered when a new decision is required)

Current Decision Valid New Decision Required...

You will be able to view the status of the PERIODIC ASSESSMENTS under this tab.

Decision is Published

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "Decision is Published" is centered. Below it, the system header includes the Wildland Fire logo, "National Preparedness Level 1", and the incident name "Incident: Test - Ag". The user "Aaron Gelobter on Training" is logged in. The main navigation bar includes tabs for "My Home", "Incidents", "Analyses", "Intelligence", "Data Management", "Decisions", "Periodic Assessment", and "Reports". The "Decisions" tab is active, showing a "Decisions List" table. The table has columns for "Decision", "Sector", "Status", "Editor", "Owner", "Creation Date", and "Last Modified". A single row is visible with the status "Published" circled in red. Below the table are pagination controls showing "Page 1 of 1" and "Rows per Page 20".

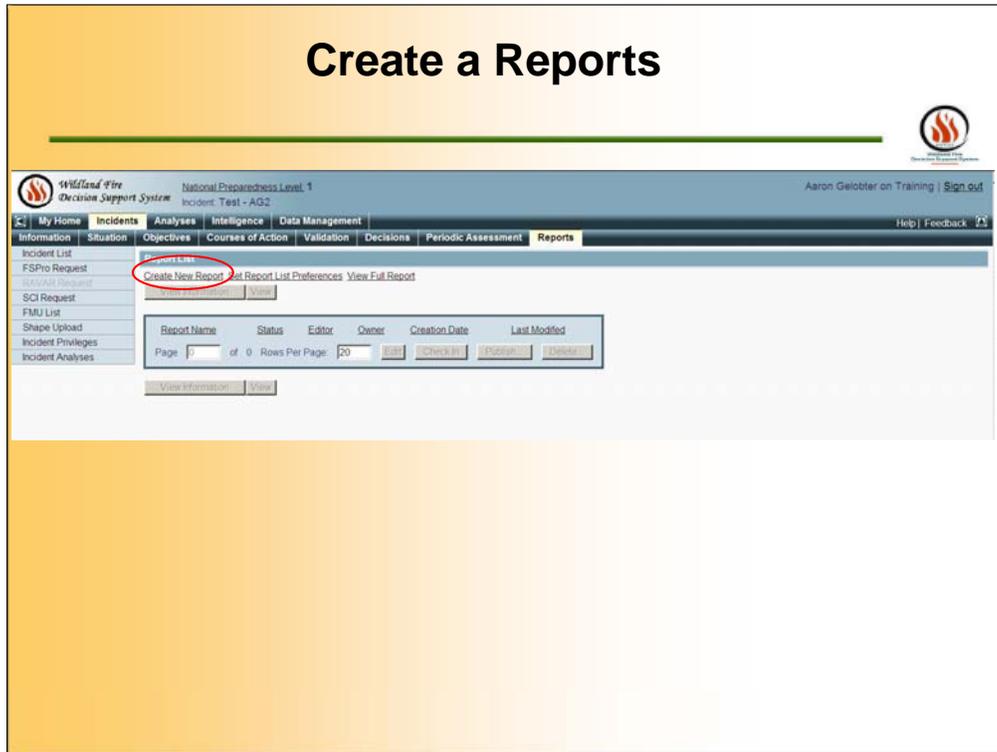
Decision	Sector	Status	Editor	Owner	Creation Date	Last Modified
03/05/2009 11:31		Published	Gelobter, Aaron	Gelobter, Aaron	03/05/09 11:07	03/05/09 11:31

After it is approved the incident list will show the incident as PUBLISHED.

Other Reports



- Under the REPORTS TAB users can view all reports and files created for the incident.
- Users can also create custom reports in this location.



How to create a REPORT. First Click the CREATE NEW REPORT button,

Create the Name of the Report

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "Create the Name of the Report" is centered. Below it, the system header includes the Wildland Fire logo, "National Preparedness Level 1", and the incident name "Incident: Test - AG2". The user is identified as "Aaron Gelobter on Training" with a "Sign out" link. A navigation menu includes "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". The "Reports" section is active, showing a sub-menu with "Information", "Situation", "Objectives", "Courses of Action", "Validation", "Decisions", "Periodic Assessment", and "Reports". The "Create New Report" form is visible, featuring a text input field for "Report name" containing "TEST - AG" and two buttons: "Create" (circled in red) and "Return". A sidebar on the left lists various system functions like "Incident List", "FSPRO Request", "SCIR Request", "FMU List", "Shape Upload", "Incident Privileges", "Incident Analyses", and "Incident Reports List".

Give it a name and SAVE.

Reports Created Successfully

The screenshot displays the Wildland Fire Decision Support System interface. At the top, a yellow banner reads "Reports Created Successfully". Below this, the system header includes the Wildland Fire Decision Support System logo, "National Preparedness Level 1", and "Incident: Test - AG2". The user is identified as "Aaron Gelobter on Training" with a "Sign out" link. The navigation menu includes "My Home", "Incidents", "Analyses", "Intelligence", "Data Management", "Reports", "Help", and "Feedback". The "Reports" menu item is highlighted, and a red circle highlights the notification "Report 'TEST - AG' created successfully".

The main content area shows "Report Information" for "TEST - AG". The report details are as follows:

Report Name	Report Type	Report Status	Owner Name
TEST - AG	Custom	Available	Gelobter, Aaron

Additional details include:

Editor Name	Created Date	Last Modified
Gelobter, Aaron	03/09/09 13:56	03/09/09 13:56

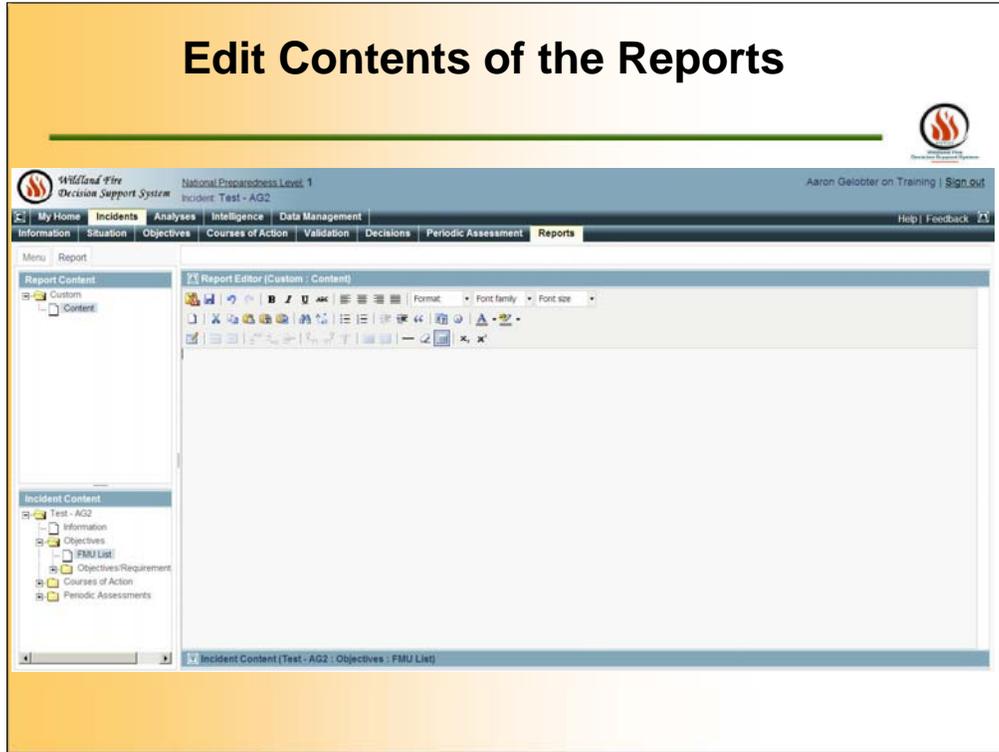
Below the report information is a "Report History" table:

Editor Name	Action	Date	Status
Gelobter, Aaron	Created	03/09/09 13:56	Available

At the bottom of the report history table, there is a pagination control: "Page 1 of 1 Rows Per Page: 10". Below this, there are three buttons: "Save", "Edit Content", and "Return". The "Edit Content" button is circled in red.

After the REPORT is created report content can be edited.

Edit Contents of the Reports



Use the Editor tool to enter information.

Save Button for Reports

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "Save Button for Reports" is centered. Below it, the system header includes the Wildland Fire Decision Support System logo, "National Preparedness Level 1", and the user "Aaron Gelbiter on Training | Sign out". The main navigation bar contains tabs for "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". A secondary navigation bar lists "Information", "Situation", "Objectives", "Courses of Action", "Validation", "Decisions", "Periodic Assessment", and "Reports".

The "Reports" section is active, showing a "Report Editor (Custom : Content)" window. A red circle highlights the "Save" button in the top-left corner of the editor's toolbar. The editor displays a table of incident information:

NAME	VALUE
Incident Name	Test - Ag
Latitude	36.1603 N
Longitude	118.705 W
Geographic Area	Southern California
Jurisdiction(s)	USFS
Unit Name	Sageoia National Forest
Fire Number	CA-SQF-000007
Fire Code	PS096A
Incident Start	Mar 03, 2009 13:37
Contained	
Controlled	
Out	
Incident Cause	Unknown
Nationally Significant	No
Incident Size	2.0 acres
Owner Name	Gelbiter, Aaron

Click the SAVE button.

Reports Tab – View Full Report

The screenshot displays the Wildland Fire Decision Support System interface. At the top, the title "Reports Tab – View Full Report" is centered. Below the title, there is a navigation bar with tabs for "My Home", "Incidents", "Analyses", "Intelligence", and "Data Management". The "Reports" tab is currently selected. Underneath, a secondary navigation bar includes "Information", "Situation", "Objectives", "Courses of Action", "Validation", "Decisions", "Periodic Assessment", and "Reports". The "Reports" sub-tab is active, showing a "Report List" section. In this section, the "View Full Report" link is circled in red. Below the navigation, there are buttons for "View Information" and "View". A table header is visible with columns for "Report Name", "Status", "Editor", "Owner", "Creation Date", and "Last Modified". Below the table, there are pagination controls showing "Page 0 of 0" and "Rows Per Page: 20", along with buttons for "Edit", "Check In", "Publish...", and "Delete...". At the bottom of the table area, there are "View Information" and "View" buttons.

Use the VIEW FULL REPORT tab to view all analyses and information created throughout the course of the incident.

Reports – View Document



Wildland Fire Decision Support System
National Preparedness Level: 1
Incident: Test - Ag

[My Home](#)
[Incidents](#)
[Analyses](#)
[Intelligence](#)
[Data Management](#)

[Information](#)
[Situation](#)
[Objectives](#)
[Courses of Action](#)
[Validation](#)
[Decisions](#)
[Periodic Assessment](#)
[Reports](#)

Menu Contents

- [-] Test - Ag
 - [-] Information
 - [-] Objectives
 - [-] FMU List
 - [-] Objectives/Requirements
 - [-] Incident Objectives
 - [-] Incident Requirements
 - [-] Strategic Objectives
 - [-] Management Requirements
 - [-] Courses of Action
 - [-] Periodic Assessments
 - [-] Basic
 - [-] TEST - AG BFB
 - [-] STFB
 - [-] TEST - AG STFB

Decision History List

Date	Approver	Action	Comments
03/05/2009 11:31	Gelobter, Aaron	Published	
03/05/2009 11:32	Gelobter, Aaron	Decision Still Valid	

Periodic Assessment Information

NAME	VALUE
Current Status	Decision Valid
Next Assessment Due	03/06/2009
Number of Days between Assessments	1
Send Email Reminder Before Next Assessment is Due	No

Example of a part of one Report.

ANALYSES TAB



- Users can also view incident analyses

Analyses – Fire Behavior





Wildland Fire
Decision Support System

National Preparedness Level: 1
Incident: Test - Ag

Aaron Gelobter on Training | Sign out
Analysis: Test AG STFB

My Home | Incidents | **Analyses** | Intelligence | Data Management | Help | Feedback

Analysis List Filter

Filters: Webinars [v] Define Temporary Filter Define New Filter

Analysis List

Generate Analysis List XML Set Analysis List Preferences

View Information View Results **View Report** Set Priority

Incident / Analysis Name	Type	Geographic Area	Status	Pri	Owner	Analyst	Request Date	Completion Date
<input type="radio"/> Avalanche Test / 03012009	STFB	Southwest	Review	7	Hovorka, Marlana	Hovorka, Marlana	03/02/09 10:34	
<input type="radio"/> Avalanche Test / Test2	STFB	Southwest	Review	7	Hovorka, Marlana	Hovorka, Marlana	03/03/09 13:57	
<input type="radio"/> Demo 3.1 IA / IA	STFB	Southwest	Review	7	Author, Robert	Dispatcher, Rob	03/02/09 10:14	
<input type="radio"/> Demo 3.1 IA / NDFD Wx	STFB	Southwest	Review	7	Author, Robert	Dispatcher, Rob	03/02/09 10:20	
<input type="radio"/> Demo Decision 3.1 / DayOne	STFB	Southwest	Review	7	Author, Robert	Seil, Rob	03/03/09 20:26	
<input type="radio"/> Test - Ag / Test AG Basic	Basic	Southern California	Review	7	Gelobter, Aaron	Gelobter, Aaron	03/04/09 16:36	
<input checked="" type="radio"/> Test - Ag / Test AG STFB	STFB	Southern California	Review	7	Gelobter, Aaron	Gelobter, Aaron	03/04/09 16:40	

Page: 1 of 1 Rows per Page: 15 [Accept] [Copy] [Terminate] [Delete]

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To review an ANALYSES Report, toggle a radio button (the round circle on the left hand side of the incident list), then click the VIEW REPORT button.

Analyses - Report



Wildland Fire Decision Support System National Preparedness Level: 1 Incident: Test - Ag Aaron Gelobter on Training | Sign Out
Analysis: Test AG STFB

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Analysis Report

Incident Information [Return](#)

Incident Information

NAME	VALUE
Incident Name	Test - Ag
Latitude	36.1623 N
Longitude	118.705 W
Geographic Area	Southern California
Jurisdiction(s)	USFS
Unit Name	Sequoia National Forest
Fire Number	CA-SQF-000007
Fire Code	P50Y6A
Incident Start	Mar 03, 2009 13:27
Contained	
Controlled	
Out	
Incident Cause	Unknown
Nationally Significant	No
Incident Size	2.0 acres
Owner Name	Gelobter, Aaron

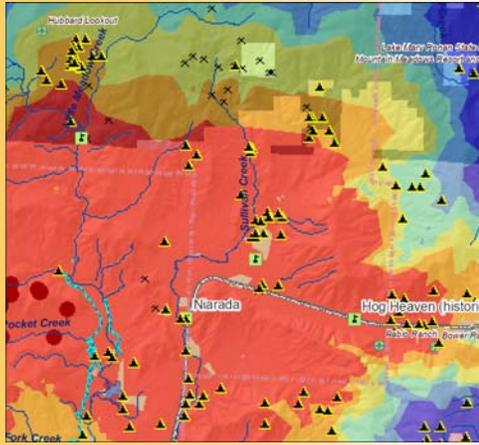
Analysis Information [Return](#)

Short Term Fire Behavior Analysis Information

NAME	VALUE
Analysis Name	Test AG STFB
Requestor	Gelobter, Aaron

Viewing the report.

RAVAR Results

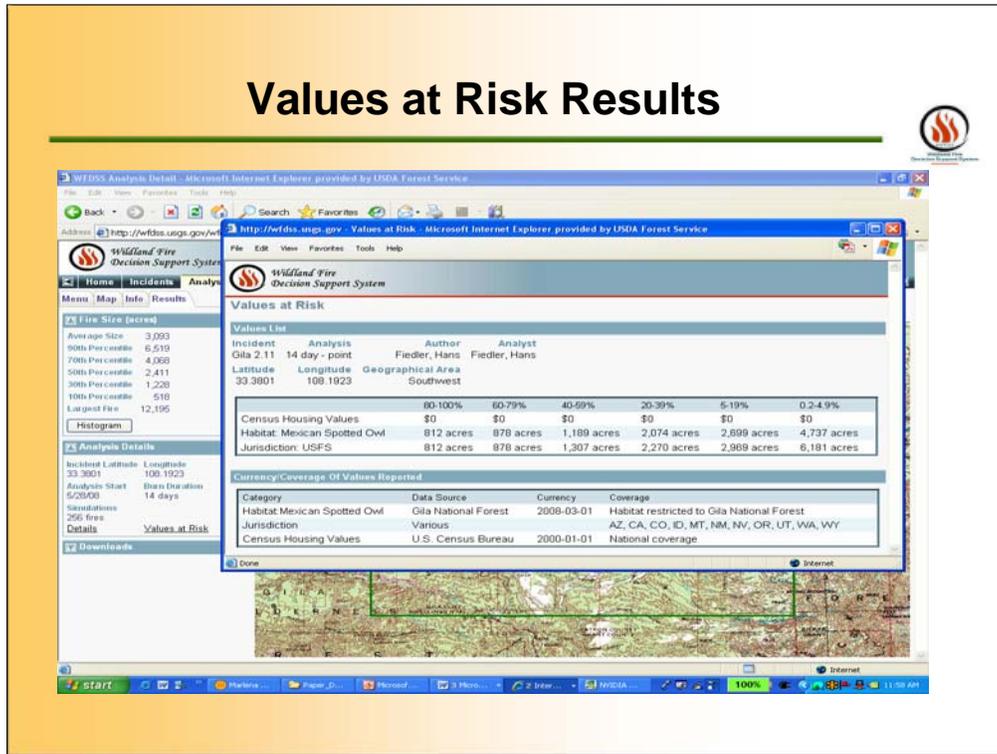


Estimates of Structure Values at Risk: Estimate is derived from analysis of Flathead, Lake, and Sanders Counties parcel data; count represents building clusters*. The first table is the summary of the above mentioned counties. Separate tables for the Flathead, Lake, and Sanders counties are listed in this report.

Fire Spread Probability Zone	COMBINED COUNTY TOTALS			
	Count by Zone	Cumulative Count	Value by Zone	Cumulative Value
> 80 %	63	63	\$9,292,500	\$9,292,500
60 - 80 %	32	95	\$4,720,000	\$14,012,500
40 - 60 %	23	118	\$3,392,500	\$17,405,000
20 - 40 %	227	345	\$33,482,500	\$50,887,500
5 - 20 %	354	699	\$52,215,000	\$103,102,500
1 - 5 %	1,374	2,073	\$202,665,000	\$305,767,500

RAVAR results can also be viewed from the ANALYSES TAB. RAVAR results rely on FSPRO output to produce the values by zone. Created by RAVAR Analysts in Missoula.

Values at Risk Results



As the Values layers collected by the RAVAR Group in Missoula over the past 3 summers are being loaded into WFDSS, RAVAR Results can be instantly obtained once a FSPro run is complete. This also occurs on the ANALYSES TAB. It is anticipated that data layers will be added over time to enhance the product.

