



Barry Point Incident Decision

Published
08/07/12 22:41

Table of Contents

1. Decision	2
1.1. Decision Summary.....	2
1.2. Assessment	3
1.2.1. Incident Information	3
1.2.1.1. Content.....	3
1.2.2. Weather.....	4
1.2.2.1. Content.....	4
1.2.3. Content	6
1.3. Objectives	9
1.3.1. Content	9
1.4. Course of Action	11
1.4.1. Content	11
1.5. Validation.....	13
1.5.1. Content	13
1.6. Rationale	16
1.6.1. Content	16

1. Decision

1.1. Decision Summary

Decision Information

NAME	VALUE
Published	08/07/2012 22:41 CDT
Estimated Cost	\$2,000,000
Incident Owner(s)	Jessica Dhaemers, Fred Way
Editor(s)	Jody Perozzi, Rachelle Huddleston-Lorton
Reviewer(s)	Rachelle Huddleston-Lorton
Approver(s)	Fred Way
Natl Preparedness Level	3

Decision History

Editor Name	Action	Date (CDT)	Comment
Way, Fred	Published	08/07/2012 22:41	
Way, Fred	Approved	08/07/2012 22:41	
Dhaemers, Jessica	Review Requested	08/07/2012 22:35	
Dhaemers, Jessica	Review Requested	08/07/2012 22:35	
Dhaemers, Jessica	Created	08/07/2012 13:20	

1.2. Assessment

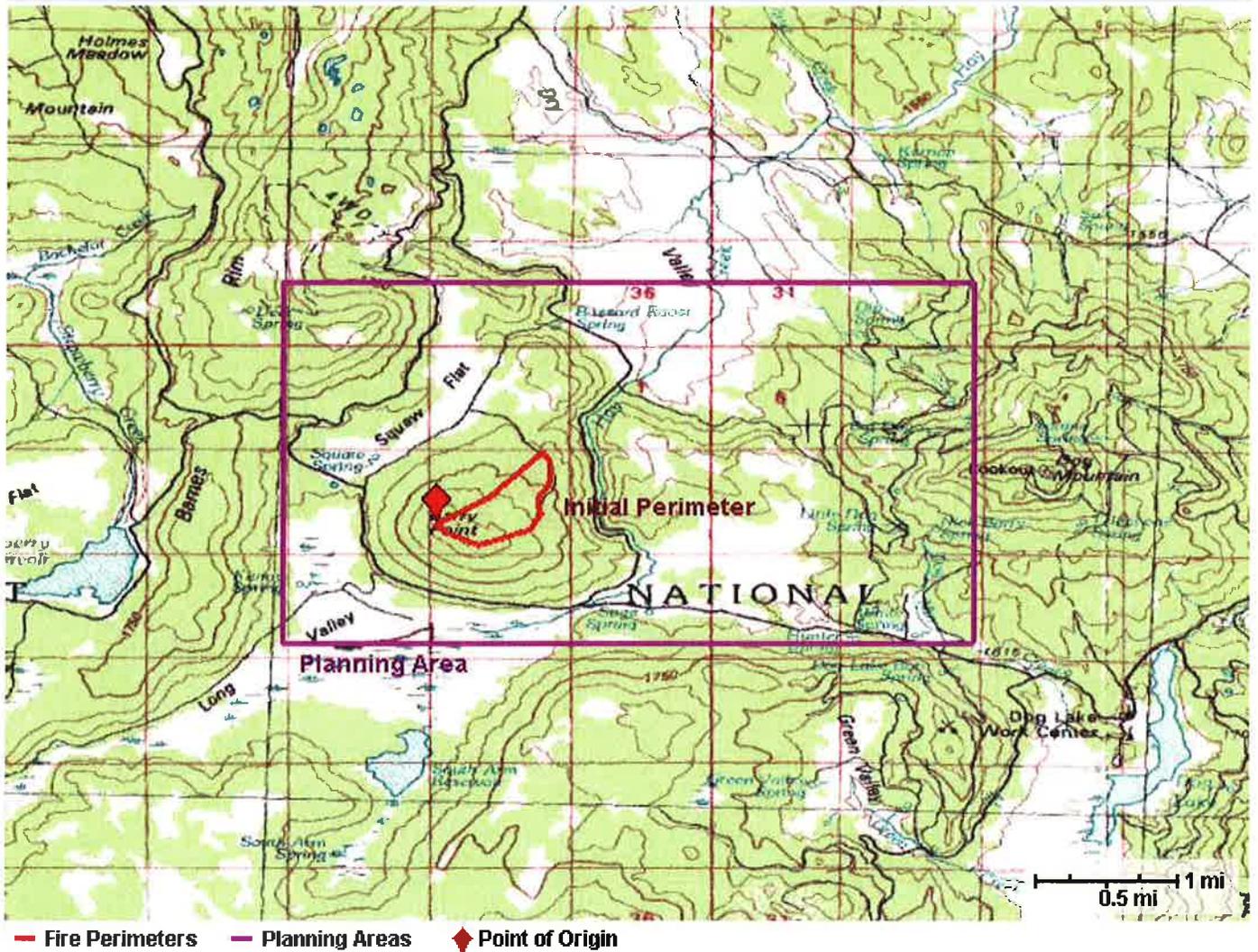
1.2.1. Incident Information

1.2.1.1. Content

Incident Information

NAME	VALUE
Incident Name	Barry Point
Unique Fire Identifier	2012-ORFWF-000680
Responsible Unit Name	Fremont-Winema National Forests
FireCode	P6G47N
Incident Size	205 acres
Incident Cause	Natural
Incident Discovery	08/06/2012 16:26
Contained	
Controlled	
Out	
Jurisdictional Unit	ORFWF - Fremont-Winema National Forests
Jurisdictional Agency(s)	USFS
Geographic Area	Northwest
Point of Origin	42.1109 N / 120.8016 W
Owner Name(s)	Jessica Dhaemers, Fred Way
Nationally Significant	No

Incident Map



1.2.2. Weather

1.2.2.1. Content

Fire Weather Zone Forecast

000
FNUS56 KMFR 072140
FWFMR

FIRE WEATHER FORECAST FOR OREGON AND NORTHERN CALIFORNIA
NATIONAL WEATHER SERVICE MEDFORD, OR
240 PM PDT TUE AUG 7 2012

...RED FLAG WARNING IN EFFECT UNTIL 8 PM PDT THIS EVENING FOR
GUSTY WINDS AND LOW HUMIDITIES FOR FIRE ZONE 285 AND EASTERN 284...

.DISCUSSION...THE REGION REMAINS BETWEEN A HIGH PRESSURE
RIDGE CENTERED FROM UTAH INTO IDAHO AND A BROAD TROUGH CENTERED
OFFSHORE. A WEAK UPPER LEVEL DISTURBANCE IS MOVING INLAND TO THE
NORTH TONIGHT WITH WINDS INCREASING OVER AREAS EAST OF THE CASCADES
BRINGING GUSTS UP TO 20 TO 25 MPH THROUGH THIS EVENING. BEHIND
THIS DISTURBANCE EXPECT HIGH PRESSURE TO PERSIST INLAND WITH A TROUGH
OFFSHORE. ANOTHER WEAK BUT DRY DISTURBANCE MAY MOVE INLAND LATE

Fire Weather Zone Forecast

THURSDAY. THEN HIGH PRESSURE WILL BUILD LATE FRIDAY INTO THE WEEKEND WITH TEMPERATURES WARMING FURTHER AND A CONTINUED DRY AIR MASS. ALSO A STRENGTHENING THERMAL TROUGH ALONG THE COAST WILL BRING DRY OFFSHORE FLOW AND DECREASED RIDGE TOP RECOVERIES TO WESTERN PORTIONS OF THE AREA FRIDAY INTO THE WEEKEND.

ORZ624-081100-
KLAMATH BASIN AND THE FREMONT-WINEMA NATIONAL FOREST-
157 PM PDT TUE AUG 7 2012

.TONIGHT...
* SKY/WEATHER.....MOSTLY CLEAR.
* MIN TEMPERATURE.....40-50.
* MAX HUMIDITY.....65-85 PERCENT VALLEYS AND 40-60 PERCENT RIDGES.
* 20-FOOT WINDS.....
* VALLEYS/LWR SLOPES...WEST WINDS 6 TO 15 MPH DECREASING TO 2 TO 5 MPH AFTER MIDNIGHT.
* RIDGES/UPR SLOPES...WEST WINDS 5 TO 15 MPH.
* HAINES INDEX.....4 (LOW).
* LAL.....1.
* CHC OF WETTING RAIN...0 PERCENT.

&&

	TEMP	/ HUM	/ POP
HOYT	46	73	10
CHILOQUIN	51	83	10
GERBER	49	66	0

.WEDNESDAY...
* SKY/WEATHER.....SUNNY.
* MAX TEMPERATURE.....85-90 VALLEYS AND 75-80 RIDGES.
* MIN HUMIDITY.....15-20 PERCENT.
* 20-FOOT WINDS.....
* VALLEYS/LWR SLOPES...LIGHT WINDS BECOMING SOUTHWEST AROUND 5 MPH IN THE AFTERNOON.
* RIDGES/UPR SLOPES...SOUTHWEST WINDS 5 TO 10 MPH.
* HAINES INDEX.....5 (MODERATE).
* LAL.....1.
* CHC OF WETTING RAIN...0 PERCENT.

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	TEMP	/ HUM	/ POP
HOYT	83	16	10
CHILOQUIN	85	17	10
GERBER	86	13	0

.WEDNESDAY NIGHT...
* SKY/WEATHER.....MOSTLY CLEAR.
* MIN TEMPERATURE.....45-50.
* MAX HUMIDITY.....60-80 PERCENT VALLEYS AND 45-55 PERCENT RIDGES.
* 20-FOOT WINDS.....
* VALLEYS/LWR SLOPES...NORTHWEST WINDS 5 TO 10 MPH DECREASING TO 2 TO 5 MPH AFTER MIDNIGHT.
* RIDGES/UPR SLOPES...WEST WINDS 5 TO 10 MPH SHIFTING TO THE NORTH 5 TO 8 MPH AFTER MIDNIGHT.
* HAINES INDEX.....4 (LOW).
* LAL.....1.
* CHC OF WETTING RAIN...0 PERCENT.

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Fire Weather Zone Forecast

	TEMP	/ HUM	/ POP
HOYT	46	63	10
CHILOQUIN	50	74	0
GERBER	52	59	10

.THURSDAY...

* SKY/WEATHER.....SUNNY.

* MAX TEMPERATURE.....85-90 VALLEYS AND 75-80 RIDGES.

* MIN HUMIDITY.....15-20 PERCENT.

* 20-FOOT WINDS.....

* VALLEYS/LWR SLOPES...LIGHT WINDS BECOMING WEST 3 TO 6 MPH IN THE AFTERNOON.

* RIDGES/UPR SLOPES...NORTH WINDS 5 TO 8 MPH SHIFTING TO THE WEST 3 TO 6 MPH IN THE AFTERNOON.

* HAINES INDEX.....5 (MODERATE).

* LAL.....1.

* CHC OF WETTING RAIN...0 PERCENT.

&&

	TEMP	/ HUM	/ POP
HOYT	85	14	10
CHILOQUIN	86	19	0
GERBER	87	11	10

.EXTENDED...

.FRIDAY...MOSTLY CLEAR. LOWS 45 TO 50. HIGHS 80 TO 90. NORTH WINDS 5 TO 10 MPH.

.SATURDAY THROUGH SUNDAY...MOSTLY CLEAR. LOWS 45 TO 55. HIGHS 85 TO 90. NORTHWEST WINDS 5 TO 10 MPH.

.MONDAY...MOSTLY CLEAR. LOWS 45 TO 55. HIGHS 85 TO 95.

.TUESDAY...CLEAR. LOWS 45 TO 55. HIGHS 85 TO 95.

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.OUTLOOK FOR AUG 15 - 21 2012

FOR OREGON...INCREASED PROBABILITIES FOR BELOW NORMAL TEMPERATURES AND NEAR NORMAL PRECIPITATION.

FOR NRN CALIF...INCREASED PROBABILITIES FOR NEAR NORMAL TEMPERATURES AND NEAR NORMAL PRECIPITATION.

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1.2.3. Content

NAME	VALUE
Planning Area Name	08/07/2012 22:41
Incident Name	Barry Point
Planning Area Size	10,808 acres

Values List

Category	Value	Data Source	Currency	Coverage
Building Clusters: Lake, OR	no data	US Counties / FGDC Cadastral Subcomm.		Available counties

Values List

Category	Value	Data Source	Currency	Coverage
County: Lake, OR	10,808 acres	HSIP 2011, US Census Bureau TIGER data	07/01/2010	National
Jurisdictional Agency: USFS	9,674 acres	Various	08/08/2011	National
Roads	8.1 miles	ESRI Data and Maps 2010	2010	National

Currency/Coverage of Values Queried that Produced No Results

Category	Data Source	Currency	Coverage
BLM Buildings	GeoCommunicator / Other Sources	07/21/2010	BLM Lands
BLM Horse and Burro	BLM	11/17/2010	OR, ID, MT, WY, CA, NV, UT, AZ, CO, NM
BLM Oil / Gas Leases	BLM/NOC	06/04/2012	Western United States
BLM Range Allotments	BLM/NOC	2007	Western United States
Campgrounds	BLM (Geocommunicator), USFS (INFRA)	BLM 07/21/10; USFS 02/23/12	National (BLM and USFS only)
Class 1 Airsheds	NPS Air Resources Division	Various	National
Communication Towers	FCC	02/22/2012	National
Electric Power Plants	HSIP	11/2011	National
Electric Sub Stations	HSIP	11/2011	National
Electric Transmission Lines	HSIP	11/2011	National
Habitat	FWS Geospatial Services	02/01/2012	National
IRA	Various		National
Mines	HSIP	11/2011	National
NPS Buildings	NPS (NISC - Resource Information Services Division)	06/12/2012	National (incomplete)
NRA	Various	09/15/2011	National
Natl Historic Trails	Various	varies by data source	National
Natl Recreation Trails	Various	varies by data source	National
Natl Scenic Byways	Various	varies by data source	National
Natl Scenic Trails	NPS, USFWS, USFS	05/04/2012	National
Oil and Gas Pipelines	HSIP	11/2011	National

Currency/Coverage of Values Queried that Produced No Results

Category	Data Source	Currency	Coverage
Other Areas	Various	varies by data source	National
Ozone Non-Attainment	EPA	2009	National
Particulates Non-Attainment	EPA	2009	National
Responsible Agency	Various	07/13/2011	AK, CA, ID, MT, NM
Retardant Avoidance	USFS Data Warehouse	12/2011	National (USFS Units only)
Sage Grouse General Habitat	BLM/NOC	05/2012	Regional - OR, WA, ID, MT, ND, SD, NV, UT, CO, CA, WY
Sage Grouse Priority Habitat	BLM/NOC	05/2012	Regional - OR, WA, ID, MT, ND, SD, NV, UT, CO, CA, WY
TNC Lands	The Nature Conservancy	02/21/2012	National
USFS Buildings	USFS-INFRA	02/23/2012	National
USFWS Trails	FWS	varies by data source	National
WSA	Various	04/07/10	National
Wilderness	Various	03/12/2012	National

1.3. Objectives

1.3.1. Content

Incident FMU List

Unit	FMU	Acres
ORFWF	02 - Fremont	9,676.2

Incident Objective List

Active	Inactive	Incident Objective
08/07/2012		Provide for firefighter and public safety.
08/07/2012		Manage the fire to minimize impacts to natural resources.
08/07/2012		Manage incident to minimize impacts to private property and structures; Reed Ranch & Kenny Spring.
08/07/2012		Minimize impacts to heritage resources whenever possible.
08/07/2012		Use direct tactics whenever possible to minimize acres burned and loss of resource values.

Incident Requirement List

There are no Incident Requirements.

Strategic Objective List

Unit/ FMU	Active	Strategic Objective
ORFWF/ 02	08/30/2011	<p>Fremont-Forest-Wide Standards and Guidelines</p> <p>Provide and implement a fire protection program that is cost efficient and responsive to land and resource management goals and objectives. All wildfires will receive an appropriate management response utilizing a strategy of confine, contain, or control. Wildfires that threaten life, property, public safety, or improvements will receive aggressive suppression action using a control strategy. All high investment timber areas, such as seed orchards and evaluation plantations, will be protected from fire by taking aggressive initial attack and by considering their location in subsequent line location and attack strategies. Retardant Drops shall be carefully controlled in proximity to open bodies of water to preclude retardant from entering lakes or live streams.</p>

Management Requirement List

Unit/ FMU	Active	Management Requirement
ORFWF/ 02	08/30/2011	<p>Fremont-Management Area 15: Fish and Wildlife Habitat and Water Quality</p> <p>Perennial Streams and Water Bodies: Machine constructed fire lines should not be built in riparian areas during fire suppression activities. Perpendicular crossings, with subsequent rehabilitation are permitted, but</p>

Management Requirement List

Unit/ FMU	Active	Management Requirement
		discouraged if alternatives exist. Intermittent Streams: No heavy equipment movement up and down stream channels and riparian areas during fire suppression is allowed. Ephemeral Draws: Equipment disturbance of duff and soil will be minimized. Seeps and Springs: No equipment disturbance except for restoration or improvement.
ORFWF/ 02	08/30/2011	Fremont-Management Area 1: Mule Deer Winter Range Wildfire will be evaluated for appropriate management action.
ORFWF/ 02	08/30/2011	Fremont-Management Area 2: Threatened and Endangered Species Bald eagle management areas are highest priority for wildfire suppression if potential for damage to habitat is high.
ORFWF/ 02	08/30/2011	Fremont-Management Areas 3 and 14: Old-Growth Habitat for Dependent Species Old-growth areas should be a high priority for wildfire suppression.
ORFWF/ 02	08/30/2011	Fremont-Management Area 16: Minimum Management Provide the level of fire detection and suppression activities needed to protect adjacent lands and for the safety, health, and life of area residents.
ORFWF/ 02	08/30/2011	Fremont-Management Area 9: Semi-Primitive Recreation Semi-Primitive Non Motorized: Allow fire to play a natural part within the setting. Semi-Primitive Motorized: Fires will be suppressed to avoid serious threats to life and/or property.
ORFWF/ 02	08/30/2011	Fremont-Management Area 10: Wilderness Management objectives presented in the Gearhart Mountain Wilderness Management Plan will be followed (Appendix 5, LMP) Use suppression techniques that achieve minimal disturbance. All fires will be suppressed using the appropriate management strategy.
ORFWF/ 02	08/30/2011	Fremont-Management Area 13: Developed Recreation For proposed recreation sites and private sector recreation sites (special use permits), all wildfires will be suppressed to minimize size and impacts.
ORFWF/ 02	08/30/2011	Fremont-Management Area 7: Special Management Areas Give preference to those suppression methods resulting in the smallest practicable area burned and having the least effect on roaded natural recreational values.

1.4. Course of Action

1.4.1. Content

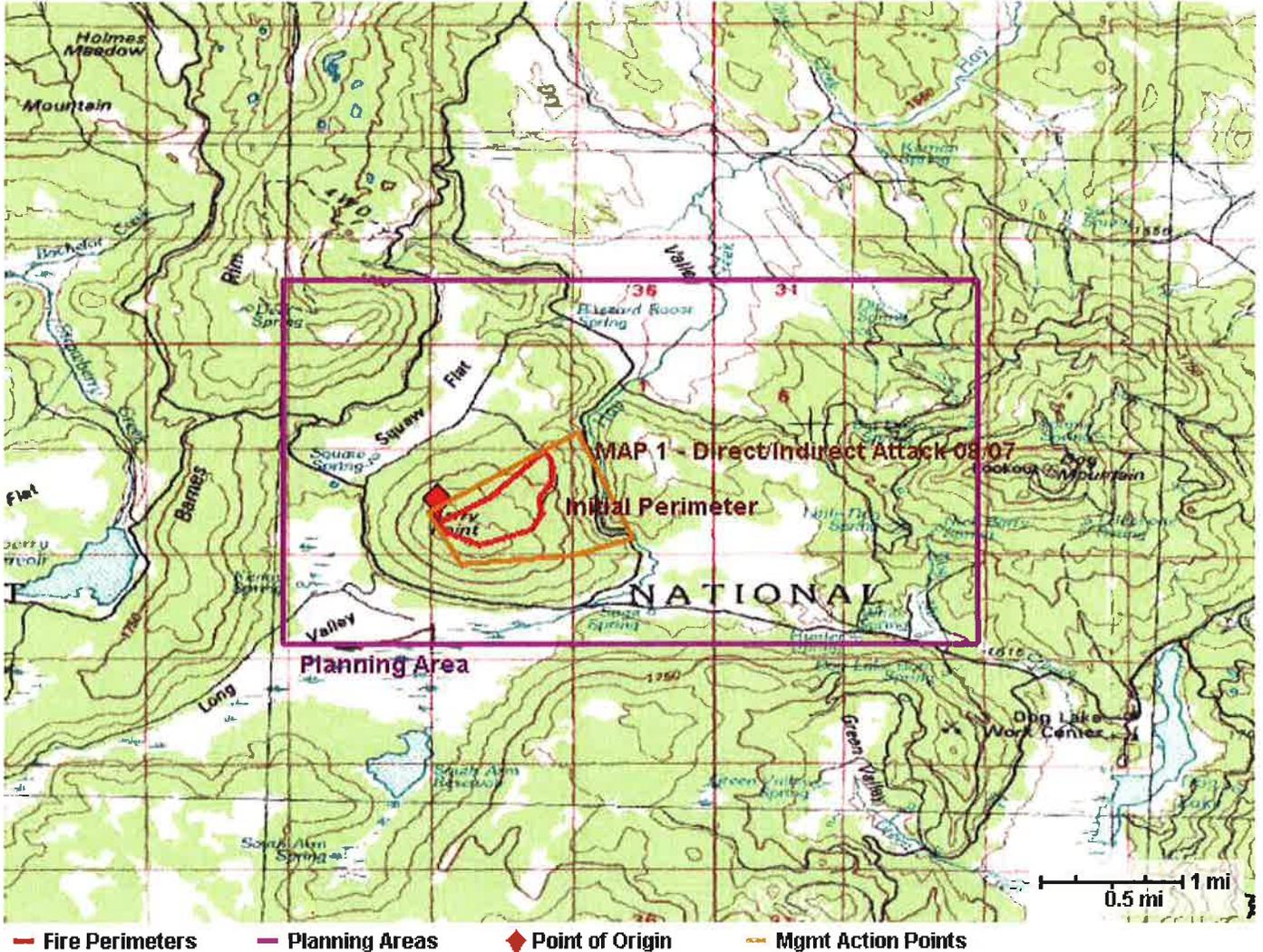
Estimated Cost

NAME	VALUE
Estimated Cost	\$2,000,000
Method(s) Used	Spreadsheet, Other

Course of Action

Active	Inactive	Action Item
08/07/2012		Follow the planned initial response.
08/07/2012		Use direct and indirect tactics to hold fire west of Hay Creek Road (3940), south and east of 012 Road, and north of the 3752 Road.

Management Action Points Map Image



Management Action Point 1

NAME	VALUE
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Management Action Point 1

Incident Name Barry Point

Cost

Shape Direct/Indirect Attack 08/07

Activated 08/07/2012

Deactivated

Condition

If direct attack is not successful then use indirect strategies.

Actions

If fire is not maintained within MAP1 then use indirect strategies.

Resources

1.5. Validation

1.5.1. Content

Validation History

Date (CDT)	User	Action	Comments
08/07/2012 13:20	Dhaemers, Jessica	Decision created	
08/07/2012 21:44	Dhaemers, Jessica	The proposed Course of Action will satisfy the Objectives	
08/07/2012 21:44	Dhaemers, Jessica	The proposed Course of Action will satisfy the Objectives	

Relative Risk

NAME	VALUE
Relative Risk	High
Duration	Medium
Saved By	Dhaemers, Jessica
Completed	08/07/2012 13:57 CDT

Hazards Notes

Fire behavior is high due to heavy fuel loads and low fuel moisture.

Values Notes

Timber Values, heritage resources, adjacent private land, grazing allotments, and limited infrastructure at risk.

Probability Notes

Mid August, continuous fuels, single digit RH and predicted high to extreme weather conditions.

Barry Point Strategic Risk Decision

August 7, 2012

1. Risk Assessment –

Values at risk are:

• Heritage resources

Â? Timber value- marked sale with target volume

Â? Cattle- grazing allotments

Â? Private land and infrastructure

Probabilities that values at risk will be harmed:

Â? Low probability of impacts to heritage resources

Â? High probability of loss of timber values

Â? High probability of loss of livestock forage

Â? Low probability of loss of property (animals)

Â? Low probability of loss of private land infrastructure

Consequences of harm:

Â? Loss of historic context associated with heritage resources

Â? Loss of timber value and target

Â? Added expense of alternate livestock forage

Â? Financial impact to private landowners due to potential livestock and infrastructure losses

Â? Loss of recreational value

Potential benefits:

Â? Hazard fuels reduction

Â? Potential improvement to wildlife habitat and forage condition

2. Risk Analysis –

Â? Direct perimeter suppression – This option would have high firefighter exposure to injury and low probability of success towards containment.

Â? This option involves exposure to rough terrain, significant firefighter exposure hours, large areas resistant to control.

Â? If used, injuries and high monetary cost may be expected.

Â? Modified Suppression Strategy – This option is preferred, as it minimizes firefighter exposure, protects values, and has cost commensurate to values at risk and terrain limitations with a high probability of success.

Â? Risk to firefighters being injured is minimized.

Â? Suppression action would be taken to contain fire within MMA, protecting: private land, structures, and timber value.

Â? Monitoring Strategy- This option was not selected. This strategy is not consistent with the current Land Resource Management Plan direction.

3. Risk Communication –

Â? Have notified community, permittees, adjoining land owners, and neighboring agency partners.

Â? Will continue to communicate strategy and current situation with stakeholders.

4. Risk Sharing – Engage appropriate authorities (appropriate line officers and political appointees as necessary) of the potential decision in a dialogue aimed at obtaining understanding, acceptance and support for the range of potential prospects and likely decision.

Â? Risk analysis has been discussed and communicated to local line managers and SORO staff. Currently the assessment has concurrence with those notified and they are in agreement with preferred prospect.

Â? Contact list currently resides with Forest Public Affair Department.

5. Risk Decision –

Decision: Modified Suppression Strategy

Findings:

Finding 1 – Direct Suppression Strategy would be ineffective and would create unsafe situations for firefighters to implement.

Finding 2 – Modified Suppression Strategy offers the best potential for success.

6. Risk Monitoring – I will monitor the incident situation and revise risk assessment, analysis and decision as warranted by changing conditions. Significant changes likely will require updates to risk: assessment, analysis, sharing and communication, and decision.

1.6. Rationale

1.6.1. Content

We chose the decision based on the outcome of our Strategic Risk Assessment outlined in the Validation section.