



Barry Point
Incident Decision
Published
08/17/12 14:47

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	8
1.3. Objectives	10
1.3.1. Content	10
1.4. Course of Action	18
1.4.1. Content	18
1.5. Validation.....	22
1.5.1. Content	22
1.6. Rationale	24
1.6.1. Content	24

1. Decision

1.1. Decision Summary

Decision Information

NAME	VALUE
Published	08/17/2012 14:47 CDT
Estimated Cost	\$27,000,000
Incident Owner (s)	Jessica Dhaemers, Rachelle Huddleston-Lorton, Clint Albertson, Fred Way, Jody Perozzi, Mike Ramsey, Barbara Raymond, Rick Stratton
Editor(s)	David McMaster, Kimberly Anderson
Reviewer(s)	Rachelle Huddleston-Lorton
Approver(s)	Fred Way, tyrone kelley
Natl Preparedness Level	4

Decision History

Editor Name	Action	Date (CDT)	Comment
Way, Fred	Approved	08/17/2012 14:47	
Way, Fred	Published	08/17/2012 14:47	
kelley, tyrone	Approved	08/17/2012 14:12	
Albertson, Clint	Review Requested	08/17/2012 13:58	
Albertson, Clint	Review Requested	08/17/2012 13:57	
Albertson, Clint	Created	08/17/2012 11:32	

1.2. Assessment

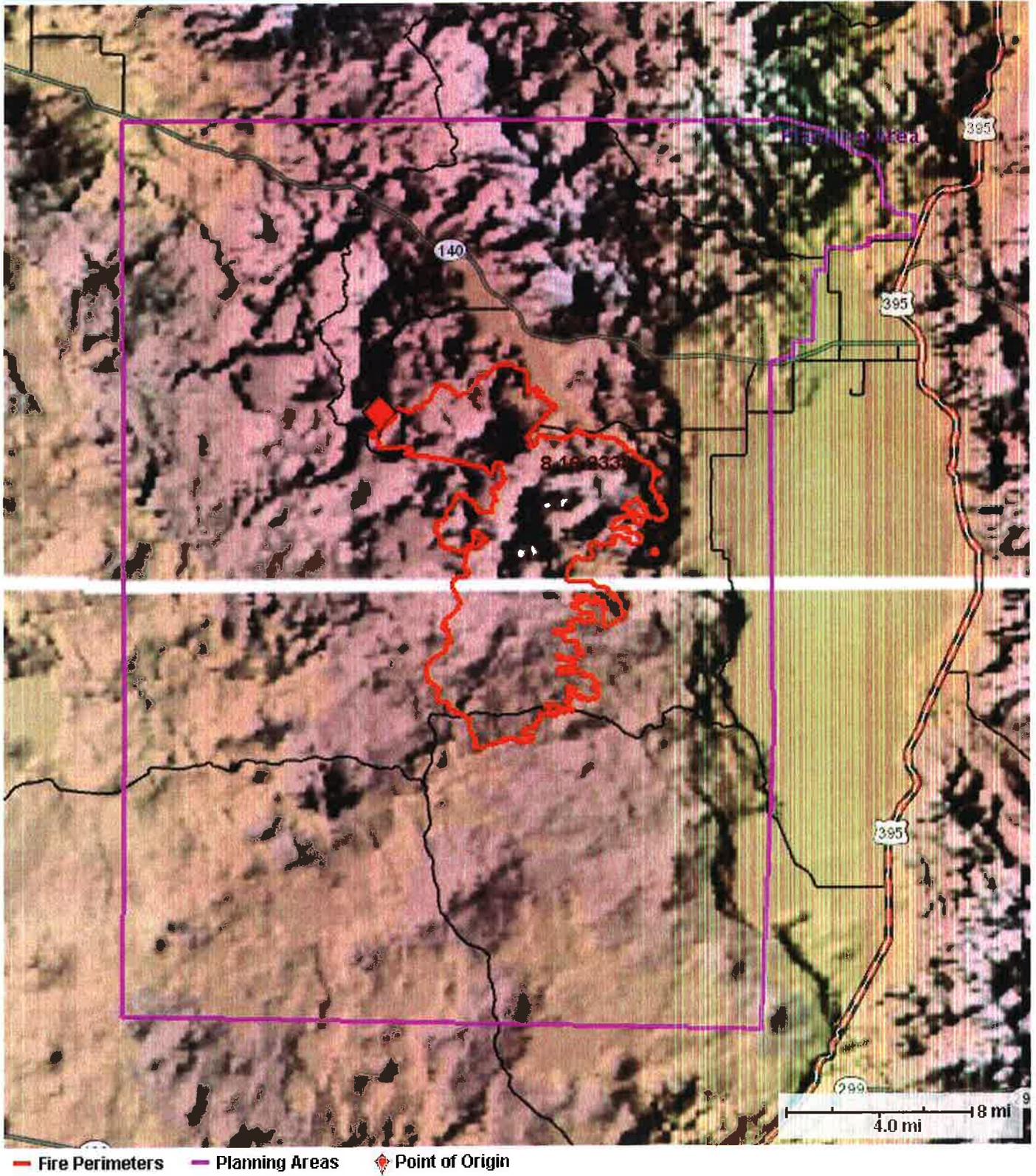
1.2.1. Incident Information

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	83,893 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, Rachelle Huddleston-Lorton, Clint Albertson, Fred Way, Jody Perozzi, Mike Ramsey, Barbara Raymond, Rick Stratton
Nationally Significant	Yes

Incident Map



1.2.2. Weather

1.2.2.1. Content

Fire Weather Zone Forecast

000
FNUS56 KMFR 171845 AAA
FWFMFR

FIRE WEATHER FORECAST FOR OREGON AND NORTHERN CALIFORNIA...UPDATED
NATIONAL WEATHER SERVICE MEDFORD, OR
1145 AM PDT FRI AUG 17 2012

...RED FLAG WARNING IN EFFECT FROM 4 PM TODAY TO NOON
SATURDAY FOR ABUNDANT LIGHTNING AND DRY FUELS IN FIRE WEATHER
ZONES 621 AND 622...

RED FLAG WARNING IN EFFECT FROM 4 PM TODAY TO 8 PM SATURDAY FOR
ABUNDANT LIGHTNING AND DRY FUELS IN FIRE WEATHER ZONES 284...617...
623 AND 624...

...RED FLAG WARNING IN EFFECT FROM 4 PM TODAY TO 11 PM SATURDAY FOR
ABUNDANT LIGHTNING AND DRY FUELS IN FIRE WEATHER ZONES 285 AND 625...

RED FLAG WARNING IN EFFECT FROM 11 PM THIS EVENING TO NOON
SATURDAY FOR ABUNDANT LIGHTNING AND DRY FUELS IN FIRE WEATHER
ZONES 280...281...282...616 AND 620...

.DISCUSSION...THE HEAT WAVE CONTINUES TODAY WHILE MOISTURE AND
INSTABILITY INCREASES. THUNDERSTORMS HAVE THE HIGHEST PROBABILITY
OF INITIATING OVER THE SISKIYOU AND CASCADES AND ALSO OVER THE
WARNER MOUNTAINS NORTHWARD ALONG THE BORDER OF KLAMATH AND LAKE
COUNTIES. A STRONGER DISTURBANCE MOVES INTO THE AREA TONIGHT
THROUGH SATURDAY MORNING. THIS WILL BRING A SIGNIFICANT THREAT OF
LIGHTNING TO MOST OF OUR AREA. SATURDAY AFTERNOON AND EVENING THE
INSTABILITY AND MOISTURE WILL KICK EASTWARD RESULTING IN
ADDITIONAL THUNDERSTORMS FROM THE OREGON CASCADES EASTWARD. DRY
WEATHER WITH NEAR NORMAL TEMPERATURES RETURNS SUNDAY.

ORZ624-172300-
KLAMATH BASIN AND THE FREMONT-WINEMA NATIONAL FOREST-
1117 AM PDT FRI AUG 17 2012

...RED FLAG WARNING IN EFFECT FROM 4 PM THIS AFTERNOON TO 8 PM
PDT SATURDAY...

.TODAY...

- * SKY/WEATHER.....SUNNY UNTIL NOON...THEN PARTLY CLOUDY WITH
ISOLATED SHOWERS AND THUNDERSTORMS. AREAS OF SMOKE.
- * MAX TEMPERATURE.....90-95 VALLEYS AND 80-85 RIDGES.
- * MIN HUMIDITY.....15-20 PERCENT.
- * 20-FOOT WINDS.....
- * VALLEYS/LWR SLOPES...LIGHT WINDS BECOMING SOUTHEAST AROUND 5 MPH
IN THE AFTERNOON.
- * RIDGES/UPR SLOPES...NORTHEAST WINDS 5 TO 6 MPH SHIFTING TO THE
SOUTHEAST IN THE AFTERNOON.
- * HAINES INDEX.....5 (MODERATE).
- * LAL.....3.
- * CHC OF WETTING RAIN...20 PERCENT.

&&

	TEMP	/ HUM	/ POP
HOYT	93	15	30
CHILOQUIN	94	15	30
GERBER	93	16	30

.TONIGHT...

Fire Weather Zone Forecast

* SKY/WEATHER.....PARTLY CLOUDY WITH SCATTERED SHOWERS AND THUNDERSTORMS UNTIL MIDNIGHT...THEN MOSTLY CLOUDY WITH ISOLATED SHOWERS AND THUNDERSTORMS. AREAS OF SMOKE.
* MIN TEMPERATURE.....50-60.
* MAX HUMIDITY.....60-80 PERCENT VALLEYS AND 40-55 PERCENT RIDGES.
* 20-FOOT WINDS.....
* VALLEYS/LWR SLOPES...NORTHWEST WINDS 5 TO 8 MPH.
* RIDGES/UPR SLOPES...NORTH WINDS 5 TO 8 MPH SHIFTING TO THE NORTHEAST 6 TO 10 MPH AFTER MIDNIGHT.
* HAINES INDEX.....5 (MODERATE).
* LAL.....3.
* CHC OF WETTING RAIN...20 PERCENT.

&&

Table with 4 columns: Station Name, TEMP, HUM, POP. Rows: HOYT (54, 69, 30), CHILOQUIN (59, 69, 30), GERBER (59, 64, 40)

.SATURDAY...

* SKY/WEATHER.....MOSTLY CLOUDY WITH SCATTERED SHOWERS AND THUNDERSTORMS. AREAS OF SMOKE.
* MAX TEMPERATURE.....80-85 VALLEYS AND 75-80 RIDGES.
* MIN HUMIDITY.....25-30 PERCENT VALLEYS AND 15-25 PERCENT RIDGES.
* 20-FOOT WINDS.....
* VALLEYS/LWR SLOPES...LIGHT WINDS BECOMING SOUTHEAST 5 TO 15 MPH IN THE AFTERNOON.
* RIDGES/UPR SLOPES...SOUTH WINDS 5 TO 10 MPH. GUSTS UP TO 20 MPH LATE IN THE AFTERNOON.
* HAINES INDEX.....4 (LOW).
* LAL.....3.
* CHC OF WETTING RAIN...20 PERCENT.

&&

Table with 4 columns: Station Name, TEMP, HUM, POP. Rows: HOYT (80, 27, 40), CHILOQUIN (85, 30, 30), GERBER (84, 19, 40)

.EXTENDED...

.SUNDAY...PARTLY CLOUDY. AREAS OF SMOKE. LOWS 45 TO 55. HIGHS 80 TO 85. SOUTHWEST WINDS 5 TO 10 MPH.
.MONDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 40 TO 50. HIGHS 75 TO 85. WEST WINDS 5 TO 10 MPH.
.TUESDAY...MOSTLY CLEAR. LOWS 40 TO 50. HIGHS 75 TO 85. WEST WINDS 5 TO 10 MPH.
.WEDNESDAY...PARTLY CLOUDY WITH A SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS. LOWS 40 TO 50. HIGHS 70 TO 80.
.THURSDAY...PARTLY CLOUDY WITH A SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS. LOWS 40 TO 45. HIGHS 75 TO 85.

=

\$\$

CAZ285-172300-
MODOC COUNTY EXCEPT FOR THE SURPRISE VALLEY-
1117 AM PDT FRI AUG 17 2012

...RED FLAG WARNING IN EFFECT FROM 4 PM THIS AFTERNOON TO 11 PM PDT SATURDAY...

Fire Weather Zone Forecast

.TODAY...

- * SKY/WEATHER.....SUNNY UNTIL NOON...THEN PARTLY CLOUDY WITH ISOLATED SHOWERS AND THUNDERSTORMS. AREAS OF SMOKE.
- * MAX TEMPERATURE.....AROUND 95 VALLEYS AND 80-85 RIDGES.
- * MIN HUMIDITY.....10-15 PERCENT.
- * 20-FOOT WINDS.....
- * VALLEYS/LWR SLOPES...LIGHT WINDS BECOMING SOUTHWEST 5 TO 6 MPH IN THE AFTERNOON.
- * RIDGES/UPR SLOPES....SOUTHEAST WINDS UP TO 5 MPH SHIFTING TO THE SOUTHWEST AROUND 5 MPH IN THE AFTERNOON.
- * HAINES INDEX.....5 (MODERATE).
- * LAL.....3.
- * CHC OF WETTING RAIN...10 PERCENT.

&&

	TEMP	/ HUM	/ POP
ALTURAS	97	10	30

.TONIGHT...

- * SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED SHOWERS AND THUNDERSTORMS UNTIL MIDNIGHT...THEN ISOLATED SHOWERS AND THUNDERSTORMS. AREAS OF SMOKE.
- * MIN TEMPERATURE.....55-65.
- * MAX HUMIDITY.....45-60 PERCENT.
- * 20-FOOT WINDS.....
- * VALLEYS/LWR SLOPES...WEST WINDS 6 TO 10 MPH IN THE EVENING BECOMING LIGHT.
- * RIDGES/UPR SLOPES....SOUTHWEST WINDS 5 TO 8 MPH.
- * HAINES INDEX.....5 (MODERATE).
- * LAL.....3.
- * CHC OF WETTING RAIN...10 PERCENT.

&&

	TEMP	/ HUM	/ POP
ALTURAS	53	69	30

.SATURDAY...

- * SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED SHOWERS AND THUNDERSTORMS UNTIL NOON...THEN ISOLATED SHOWERS AND THUNDERSTORMS. AREAS OF SMOKE.
- * MAX TEMPERATURE.....85-95 VALLEYS AND 75-85 RIDGES.
- * MIN HUMIDITY.....15-20 PERCENT.
- * 20-FOOT WINDS.....
- * VALLEYS/LWR SLOPES...SOUTH WINDS 5 TO 6 MPH SHIFTING TO THE EAST 5 TO 8 MPH IN THE AFTERNOON.
- * RIDGES/UPR SLOPES....SOUTH WINDS 5 TO 6 MPH SHIFTING TO THE EAST 6 TO 10 MPH WITH GUSTS TO AROUND 20 MPH IN THE AFTERNOON.
- * HAINES INDEX.....4 (LOW).
- * LAL.....3.
- * CHC OF WETTING RAIN...10 PERCENT.

&&

	TEMP	/ HUM	/ POP
ALTURAS	91	15	30

.EXTENDED...

- .SUNDAY...PARTLY CLOUDY. AREAS OF SMOKE. LOWS 50 TO 60. HIGHS 85 TO 90. SOUTHWEST WINDS 5 TO 10 MPH.
- .MONDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 50 TO 55. HIGHS 80 TO 90. WEST WINDS 5 TO 10 MPH.
- .TUESDAY...MOSTLY CLEAR. LOWS 45 TO 55. HIGHS 75 TO 85. SOUTHWEST

Fire Weather Zone Forecast

WINDS 5 TO 10 MPH.

.WEDNESDAY...MOSTLY CLEAR WITH A SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS. LOWS 45 TO 50. HIGHS 75 TO 85.

.THURSDAY...PARTLY CLOUDY WITH A SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS. LOWS 45 TO 50. HIGHS 75 TO 85.

=
\$\$

.OUTLOOK FOR AUG 24 - 30 2012

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

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

=
\$\$
WEYGAND

1.2.3. Content

NAME	VALUE
Planning Area Name	08/17/2012 14:47
Incident Name	Barry Point
Planning Area Size	972,692 acres

Values List

Category	Value	Data Source	Currency	Coverage
BLM Buildings	4	GeoCommunicator / Other Sources	07/21/2010	BLM Lands
BLM Range Allotments	28,443 acres	BLM State offices (compiled by BLM NOC)	06/26/2012	Western United States
Building Clusters: Klamath, OR	51	US Counties / FGDC Cadastral Subcomm.		Available counties
Building Clusters: Lake, OR	no data	US Counties / FGDC Cadastral Subcomm.		Available counties
Building Clusters: Modoc, CA	12	US Counties / FGDC Cadastral Subcomm.		Available counties
Campgrounds	13	BLM (Geocommunicator), USFS (INFRA)	BLM 07/21/10; USFS 02/23/12	National (BLM and USFS only)
Communication Towers	24	FCC	02/22/2012	National
County: Klamath, OR	122,105 acres	HSIP 2011, US Census Bureau TIGER data	07/01/2010	National
County: Lake, OR	388,405 acres	HSIP 2011, US Census Bureau TIGER data	07/01/2010	National
County: Modoc, CA	462,033 acres	HSIP 2011, US Census Bureau TIGER data	07/01/2010	National
Electric Sub Stations	1	HSIP	11/2011	National

Values List

Category	Value	Data Source	Currency	Coverage
Electric Transmission Lines	68.1 miles	HSIP	11/2011	National
IRA: Coleman Rim IRA	3,911 acres	Various		National
IRA: Steele Swamp IRA	16,493 acres	Various		National
Jurisdictional Agency: BIA	901 acres	Various	08/08/2011	National
Jurisdictional Agency: BLM	19,606 acres	Various	08/08/2011	National
Jurisdictional Agency: USFS	661,262 acres	Various	08/08/2011	National
Natl Historic Trails	63.0 miles	Various	varies by data source	National
Oil and Gas Pipelines	29.4 miles	HSIP	11/2011	National
Other Areas: Devils Garden ERNA	800 acres	Various	varies by data source	National
Responsible Agency: C&L	15,164 acres	Various	07/13/2011	AK, CA, ID, MT, NM
Responsible Agency: USFS	446,857 acres	Various	07/13/2011	AK, CA, ID, MT, NM
Retardant Avoidance	5,001 acres	USFS Data Warehouse	12/2011	National (USFS Units only)
Roads	194.1 miles	ESRI Data and Maps 2010	2010	National
Sage Grouse General Habitat	433 acres	BLM/NOC	05/2012	Regional - OR, WA, ID, MT, ND, SD, NV, UT, CO, CA, WY
USFS Buildings	4	USFS-INFRA	02/23/2012	National

Coverage of Values Queried that Produced No Results

BLM Horse and Burro (OR, ID, MT, CA, NV, UT, WY, CO, AZ, NM), BLM Oil / Gas Leases (Western United States), Class 1 Airsheds (National), Electric Power Plants (National), Habitat (National), Mines (National), NPS Buildings (National (incomplete)), NRA (National), Natl Recreation Trails (National), Natl Scenic Byways (National), Natl Scenic Trails (National), Ozone Non-Attainment (National), Particulates Non-Attainment (National), Sage Grouse Priority Habitat (Regional - OR, WA, ID, MT, ND, SD, NV, UT, CO, CA, WY), TNC Lands (National), USFWS Trails (National), WSA (National), Wilderness (National)

1.3. Objectives

1.3.1. Content

Incident FMU List

Unit	FMU	Acres
CAMDF	GEN - General forest	377,271.3
CAMDF	NON	50,933.3
CAMDF	RLS	16,223.2
CAMDF	RNA	796.1
CANCA	Northern Cal General	1,431.5
ORFWF	02 - Fremont	267,729.1
ORLAD	Basin	19,526
ORLAD	Fremont	62.6

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		Minimize impacts to heritage resources whenever possible.
08/07/2012		Use direct tactics whenever possible to minimize acres burned and loss of resource values.
08/08/2012		Manage incident to minimize impacts to private property and structures.
08/08/2012		Manage the incident to protect FS structures and recreation sites.
08/08/2012		Implement all strategies and tactics based on firefighter and public safety, taking into consideration sound, efficient as well as effective financial practices and appropriate Land and Resource and Fire Management Plans.
08/08/2012		Maintain and enhance relationships with local landowners and the public.

Incident Requirement List

Active	Inactive	Incident Requirement
08/11/2012		The lead resource advisor will ensure resource protection and mitigation measures contained in forest plans and associated amendments are implemented as practicable and needed considering suppression activities (e.g. noxious weed Modoc NF Fremont-Winema NF EIS/ROD).

Strategic Objective List

Unit/ FMU	Active	Strategic Objective
CAMDF	04/19/2011	<p>Forest-wide</p> <p>Utilize local cultural resource specialists or Native American representatives if possible prior to engagement and in the planning</p> <p>Forest Service Manual 2360, (Emergency Undertaking) Section 106</p>

Strategic Objective List

Unit/ FMU	Active	Strategic Objective	
		process to identify Native American traditional areas, and protect these areas when possible.	of the National Historic Preservation Act.
CAMDF	04/19/2011	Forest-wide Goals for fire and fuels management include reducing threats to communities and wildlife habitat from large, severe wildfires and re-introducing fire into fire-adapted ecosystems.	Sierra Nevada Forest Plan Amendment ROD 2004 Page 34
CAMDF	07/13/2012	Aerial retardant drops are not allowed in mapped avoidance areas (on National Forest system lands) for threatened, endangered, proposed, candidate or sensitive (TEPCS) species or in waterways. This national direction is mandatory and would be implemented except in cases where human life or public safety is threatened and retardant use within avoidance areas could be reasonably expected to alleviate that threat.	Nationwide Aerial Application of Fire Retardant on National Forest System Land; Record of Decision; December 2011; page 2
CAMDF	04/19/2011	Forest-wide If feasible, avoid high intensity and crown fire within the 300 acre PAC for spotted owls, and the 200 acre PAC for northern goshawk.	Sierra Nevada Forest Plan Amendment 2004, pg. 59-61
CAMDF	04/19/2011	Forest-wide In CA spotted owl and northern goshawk PACS: If at all possible protect nest trees, minimize nest site disturbance, and protect at least 50 acre nest sites from both mechanical activities, and the oncoming fire.	Sierra Nevada Forest Plan Amendment 2004, pg. 59-61
CAMDF	04/19/2011	Forest-wide In CA spotted owl and northern goshawk PACS: Maintain large diameter trees, multi-layer canopy throughout the PAC.	Sierra Nevada Forest Plan Amendment 2004, pg. 59-61
CAMDF	04/19/2011	Forest-wide Cultural Resources: Utilize local technical specialists if possible prior to engagement, and in the planning process to identify categories of archaeological sites, and recommend appropriate level of protection in	Forest Service Manual 2360, (Emergency Undertaking) Section 106 of the National Historic Preservation Act.

Strategic Objective List

Unit/ FMU	Active	Strategic Objective	
		accordance with Forest Service Manual 2360, (Emergency Undertaking) clauses of Section 106 of the National Historic Preservation Act.	
CAMDF	04/19/2011	Forest-wide Protect communities from wildfire and prevent the loss of life and property.	Sierra Nevada Forest Plan Amendment ROD 2004, p. 45
CAMDF	04/19/2011	Forest-wide Protect national forest resources commensurate with values, hazards, risks, and management objectives.	LRMP page 4-2
CAMDF	04/19/2011	Forest-wide Take pre-suppression and suppression actions which protect life and property, and minimize resource degradation.	LRMP page 4-15
CAMDF	04/19/2011	Forest-wide Use appropriate suppression strategies of confine, contain, and control as specified in the Fire Management Action Plan. All responses will be for the purpose of control unless another response is authorized in the fire management action plan.	LRMP page 4-15
CAMDF	04/19/2011	Forest-wide Cultural Resources: Utilize local technical specialists if possible prior to engagement, and in the planning process to identify categories of archaeological sites, and recommend appropriate level of protection in accordance with Forest Service Manual 2360, (Emergency Undertaking) clauses of Section 106 of the National Historic Preservation Act.	Forest Service Manual 2360, (Emergency Undertaking) Section 106 of the National Historic Preservation Act.
CAMDF	04/19/2011	Forest-wide Maintain high quality fisher habitat. Provide for heterogeneous landscapes that may allow torching and small stand-replacing fire events but will be resilient and retain large tree elements to provide for future habitat and seed trees.	Sierra Nevada Forest Plan Amendment ROD 2004 Page 47
CAMDF/ GEN	06/30/2009	General forest Suppress all wildfires using the appropriate suppression response	LRMP page 4-211

Strategic Objective List

Unit/ FMU	Active	Strategic Objective
CAMDF/ GEN	06/30/2009	General Forest In areas outside the Big Sage Fire Management Unit, suppress wildfires using the appropriate suppression response. LRMP 4-194
CAMDF/ GEN	06/30/2009	General forest Protect national forest resources commensurate with values, hazards, risks, and management objectives. LRMP page 4-15
CANCA/ Northern Cal General	09/30/2010	<p>1. F. Guiding Principles and Basic Policy Statements: There are several basic principles that must be adhered to during any fire management planning and on the ground activities. These are further outlined in the Wildland and Prescribed Fire Management Policy Implementation Procedures and Reference Guide (IPRG), August 1998. These guiding principles correlate with IAM Part 90, 1.2. Policy.</p> <ul style="list-style-type: none"> • Firefighter and public safety is the number one priority in every fire management activity. • The role of wildland fire is an essential ecological process and natural change agent and will be incorporated into the planning process. • Fire management plans, programs, and activities must support land and resource management plans. • Fire management activities must be based on sound "risk management." • Fire management activities must be economically viable based on values to be protected, costs, and land and resource objectives. • Fire management plans must be based on the best available science. • Fire management plans must consider public health and environmental quality considerations. • Interagency coordination (Federal, Tribal, State, and local) is essential. <p>Northern California Agency FireMP 2000 page 2</p>
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
CAMDF	04/19/2011	

Management Requirement List

Unit/FMU	Active	Management Requirement	
		Forest-wide During fire suppression activities, consider impacts to aquatic- and riparian-dependent resources. Where possible, locate incident bases, camps, helibases, staging areas, helispots, and other centers for incident activities outside of RCAs or CARs. During pre-suppression planning, determine guidelines for suppression activities, including avoidance of potential adverse effects to aquatic- and riparian-dependent species as a goal.	Sierra Nevada Forest Plan Amendment ROD 2004, RCO#4.115 Page 65
CAMDF	04/19/2011	Forest-wide Use the strategy of control for wildfire on private lands protected under agreement with the California Department of Forestry	.LRMP page 4-15
CAMDF	04/19/2011	Forest-wide Use screening devices for water drafting pumps. (Fire suppression activities are exempt during initial attack.) Use pumps with low entry velocity to minimize removal of aquatic species, including juvenile fish, amphibian egg masses and tadpoles, from aquatic habitats.	Sierra Nevada Forest Plan Amendment ROD 2004, RCO#4.110 Page 64
CAMDF	04/19/2011	Forest-wide Lightning-caused fires may be used to reduce fuel loads or to provide other resource benefits, such as conserving populations of fire-dependent species. Before wildland fires can be used, national forest managers must prepare a fire management plan that describes how prescribed fires and naturally caused wildland fires will achieve resource management objectives.	Sierra Nevada Forest Plan Amendment ROD 2004 Page 35
CAMDF	04/19/2011	Forest-wide Human caused wildfires will be suppressed in every instance and will not be managed for resource benefits.	FSM 5103.2
CAMDF	04/19/2011	Forest-wide For All Threatened, Endangered, and Forest Service Sensitive Species of animals and plants: Utilize local technical specialists if possible prior to engagement, and in the planning process.	Sierra Nevada Forest Plan Amendment 2004, pg. 59-61

Management Requirement List

Unit/FMU	Active	Management Requirement
CAMDF	07/13/2012	<p>The Forest Service will report to FWS and NOAA fisheries (as appropriate) all misapplications of aerially applied fire retardant (on National Forest system lands). The report and assessment of impacts will determine necessary mitigation measures, remediation action, monitoring needs, and whether there is a need for reinitiation of formal consultation. Reporting and monitoring of misapplications of fire retardant is outlined in the Implementation Guide for Aerial Application of Fire Retardant. http://www.fs.fed.us/fire/retardant/afr_handbook.pdf</p>
CANCA/ Northern Cal General	09/30/2010	<p>a) Protect life and property (residences, administrative buildings, businesses, and related structures), cultural and ceremonial sites, and natural resources from the threat of wildland fire commensurate with values protected by:</p> <ol style="list-style-type: none"> 1) Providing for fast, effective initial attack to control unwanted wildland fires. 2) Ensuring that structures are "Fire Safe," including adequate "defensible space." 3) Establishing fire hazard reduction programs, where needed (including the use of prescribed fire where appropriate), to reduce fuel loading and maintain forest health. 4) Implementing fire prevention measures (or complying with existing fire prevention laws, ordinances, etc.) to reduce the risk of ignitions. <p>b) Prevent to the extent practical, vegetation and structure fires from escaping residential areas and burning into the surrounding mountainous resource areas.</p> <p>c) Provide gainful employment opportunities for tribal members. Northern California FireMP 2000 Page 3</p>
ORFWF/ 02	08/30/2011	<p>Fremont-Management Area 16: Minimum Management</p> <p>Provide the level of fire detection and suppression activities needed to protect adjacent lands and for the safety, health, and life of area residents.</p>

Management Requirement List

Unit/FMU	Active	Management Requirement
ORFWF/02	08/30/2011	<p>Fremont-Management Area 13: Developed Recreation</p> <p>For proposed recreation sites and private sector recreation sites (special use permits), all wildfires will be suppressed to minimize size and impacts.</p>
ORFWF/02	08/30/2011	<p>Fremont-Management Area 10: Wilderness</p> <p>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.</p>
ORFWF/02	08/30/2011	<p>Fremont-Management Area 9: Semi-Primitive Recreation</p> <p>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.</p>
ORFWF/02	08/30/2011	<p>Fremont-Management Area 7: Special Management Areas</p> <p>Give preference to those suppression methods resulting in the smallest practicable area burned and having the least effect on roaded natural recreational values.</p>
ORFWF/02	08/30/2011	<p>Fremont-Management Areas 3 and 14: Old-Growth Habitat for Dependent Species</p> <p>Old-growth areas should be a high priority for wildfire suppression.</p>
ORFWF/02	08/30/2011	<p>Fremont-Management Area 2: Threatened and Endangered Species</p> <p>Bald eagle management areas are highest priority for wildfire suppression if potential for damage to habitat is high.</p>
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 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.</p>
ORFWF/02	08/30/2011	<p>Fremont-Management Area 1: Mule Deer Winter Range</p> <p>Wildfire will be evaluated for appropriate management action.</p>
Retardant Avoidance	05/31/2012	<p>The aerial application of fire retardant is allowed for fighting fires. Aerially delivered fire retardant should not be applied to any mapped terrestrial</p>

Management Requirement List

Unit/FMU	Active	Management Requirement
		<p>avoidance area, waterway or buffer. The only exception to using aerially applied fire retardant in avoidance areas is for the protection of human life or public safety. The Incident Commander is the decision maker.</p> <p>Information concerning the Record of Decision for the Aerial Application of Fire Retardant is available at http://www.fs.fed.us/fire/retardant/index.html</p>

1.4. Course of Action

1.4.1. Content

Estimated Cost

NAME	VALUE
Estimated Cost	\$27,000,000
Method(s) Used	Other

Course of Action

Active	Inactive	Action Item
08/08/2012		Minimize fire area west of Drews Reservoir.
08/08/2012		Develop and maintain a threat assessment of structures in proximity to fire.
08/08/2012		Minimize impacts to active timber sales.
08/11/2012		Identify, develop and execute opportunities at the landscape scale to ensure successful containment of fire.
08/13/2012		Keep fire South of State Hwy. 140 between junctions: County Rd. 1-12 (East) and Forest Rd. 3940 (West). This includes current strategic emphasis of Forest Rd. 4017 between Goose Lake Valley and Drews Reservoir to prevent impacting of Hwy. 140 east of Drews Reservoir.
08/13/2012		Keep fire South and East of Forest Rd. 3940 (Dent Creek Rd.) between junctions: HWY 140 (North) and Forest Rd. 018 (South).
08/13/2012		Keep fire East of Forest Rd. 018 between junctions: 3940 (North) and 4017 (South).
08/13/2012		Keep fire East of Forest Rd. 419 between junctions: 4017 (North) and Forest Rd. 021 (South).
08/13/2012		Keep fire West of County Rd. 1-12 between junctions: County Rd. 1-11 (South) and State Hwy. 140 (North).
08/14/2012		Keep fire South of Forest Rd. 4017 (Dog Lake Rd.) between junctions: 018 (East) and 418 (West).
08/14/2012		Keep fire East of Forest Rd. 48N08 between junctions: 418 (North) and Forest Rd. 47N09/Co. Rd. 181 (South). *48N08 crosses Oregon/California border at northern most length.
08/14/2012		Keep fire North of Forest Rd. 47N09/Co. Rd. 181 between junctions: Forest Rd. 48N08 (West) and County Rd. 48/Westside Rd. (East).

Course of Action

Active	Inactive	Action Item
08/14/2012		Keep fire West of County Rd. 48/Westside Rd. between junctions: Forest Rd. 47N09/Co. Rd. 181 (South) and Oregon/California State Line (North).
08/14/2012		Keep fire West of County Rd. 1-11/Westside Rd. between junctions: Oregon/California State Line (South) and County Rd. 1-12/Andy Hill Rd. (North).
08/14/2012		Prioritize protection of private property through coordination with appropriate state agencies in concert with overall Strategic and Tactical Fire Planning.
08/14/2012		The incident management team will provide Initial Attack response for the area in and around the fire that falls within the Temporary Flight Restriction area.

Management Action Point 1

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
08/17/2012 11:32	Albertson, Clint	Decision created	
08/17/2012 11:49	Albertson, Clint	The proposed Course of Action will satisfy the Objectives	Updated Strategic Risk Assessment completed reflecting cost revisions, inputs at regional (NOCC and NWCC), Forest (Fremont-Winema and Modoc) as well as cooperators, partners and stakeholders.
08/17/2012 12:55	Albertson, Clint	The proposed Course of Action will satisfy the Objectives	
08/17/2012 13:18	Albertson, Clint	The proposed Course of Action will satisfy the Objectives	The course of action is achievable and will meet the Strategic and Management Objectives.

Relative Risk

NAME	VALUE
Relative Risk	High
Duration	Long
Saved By	Albertson, Clint
Completed	08/14/2012 12:52 CDT

Relative Risk Notes

Fire growth in multiple directions created by numerous areas of heavy fuel loadings and adverse weather patterns are creating high level operational, planning and socio-political complexities.

Hazards Notes

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

Values Notes

Residences and ranch/ag properties are at risk along the greater portion of the east flank of the fire from the northeast to the south. Existing and potential loss of livestock, forage, and infrastructure (ie stocktanks and fences) are also at risk. Industrial timber lands as well as Forest timber values, existing sales, associated equipment and saw logs; heritage resources; adjacent private land; and existing infrastructure are at risk.

Probability Notes

Mid-August, continuous fuels, single digit RH and predicted high to extreme weather conditions. Barriers to spread are more limited than typical due to short and long term fuels conditions and current weather pattern.

1.6. Rationale

1.6.1. Content

Updated decision is reflective of national, regional and local situation, and current and expected fire situation.

The course of action as outlined in the attached Strategic Risk Assessment meets the strategic objectives and management requirements; and incident objectives and requirements. The course of action provides the opportunities to meet the desired objectives with the least amount of exposure to firefighters, the public and to other incident assigned personnel.

Utilizing this fire for resource benefit was not an option due to the conditions of the fuels; private lands and the landscape within the fire environment; the high to extreme burning conditions; and the fact that there is high competition for fire resources both regionally and nationally.

The course of action allows the incident managers in concert with line officers and key stakeholders some flexibility in where to priorities suppression activities based on the locations of the critical values at risk, changes in fuel models, changes in weather conditions or other opportunities to reduce exposures and increase the probability of success. In the selection criteria matrix for these activities the values to be protected should be a driving factor. Of these values to be protected, fire fighters, the public and other incident assigned personnel are listed as the number one value.

The Strategic Risk Assessment can be found in its entirety in the custom reports section.