



HENTHORNE Incident Decision

Published
09/08/19 18:03

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1. Decision

1.1. Decision Summary

Decision Information

NAME	VALUE
Published	09/08/2019 18:03 CDT
Estimated Cost	\$4,000,000
Incident Owner(s)	Japhia Huhndorf, James Newman, Curtis Coots, Molly Brown, Frank Aebly
Editor(s)	Angela Chongpinitchai, Ann Carlson, Floridaalba Powers, Hinda Darner, Punky Moore, Rob Winkler
Reviewer(s)	
Approver(s)	Frank Aebly, Molly Brown
Natl Preparedness Level	1

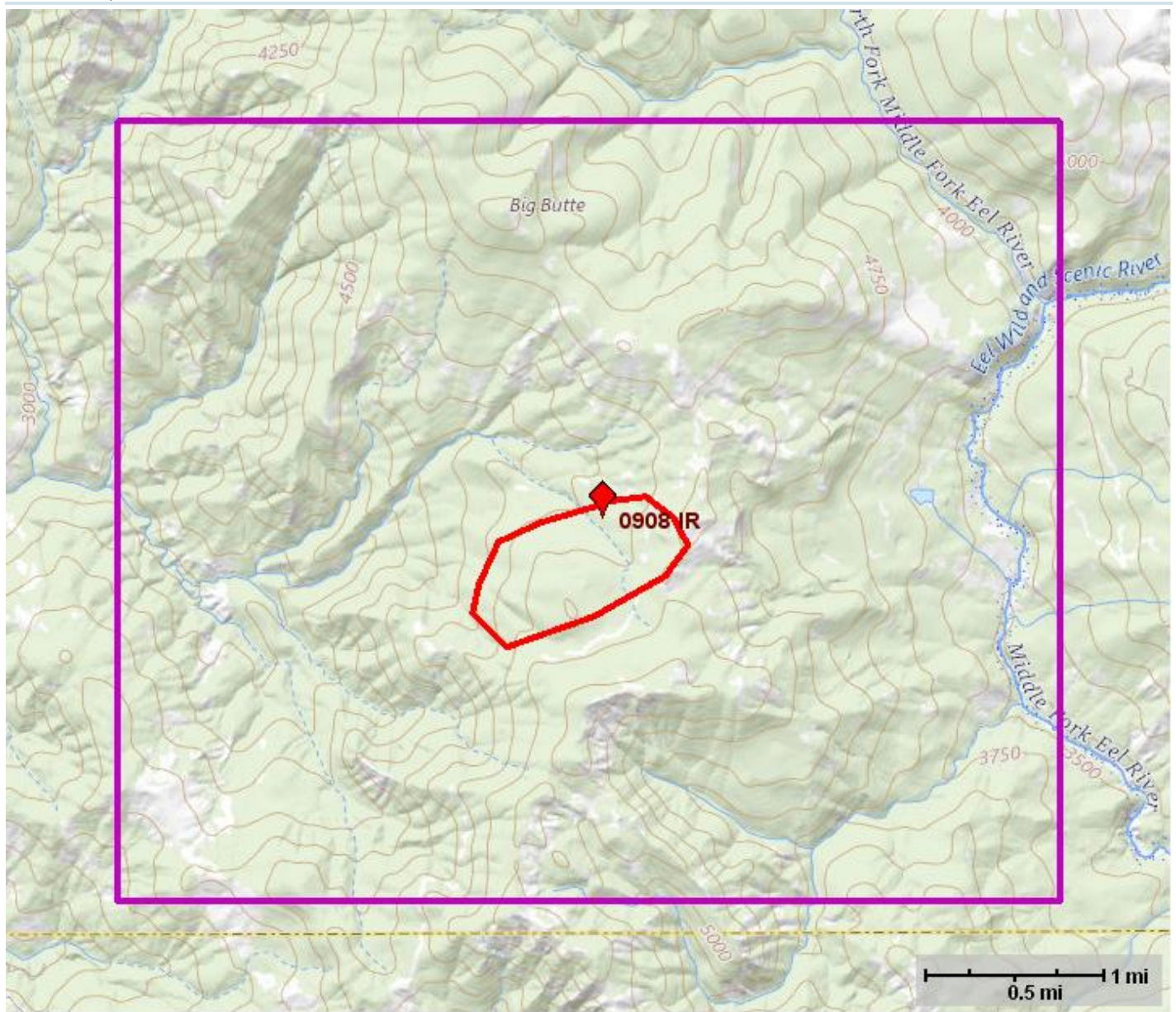
Decision History

Editor Name	Action	Date (CDT)	Comment
Brown, Molly	Approved	09/08/2019 18:03	
Brown, Molly	Published	09/08/2019 18:03	
Aebly, Frank	Approved	09/08/2019 17:45	
Aebly, Frank	Review Requested	09/08/2019 16:32	
Aebly, Frank	Review Requested	09/08/2019 16:32	
Newman, James	Created	09/06/2019 14:31	

1.2. Incident Information

Incident Information

NAME	VALUE
Incident Name	HENTHORNE
Unique Fire Identifier	2019-CAMNF-000485
Responsible Unit Name	Mendocino National Forest
FireCode	MRR2
P-Code	
Point of Origin	40.011111N / 123.152222 W
Incident Size	380acres
Latest Perimeter Size	393acres
Incident Cause	Unknown
Incident Type	Wildfire
Incident Discovery	09/05/2019 08:20
Contained	
Controlled	
Out	
Jurisdictional Unit	CANOD - Northern California District
Jurisdictional Agency(s)	BLM, USFS
Geographic Area (prep level)	Northern California (1)
Owner Name(s)	Japhia Huhndorf, James Newman, Curtis Coots, Molly Brown, Frank Aebly



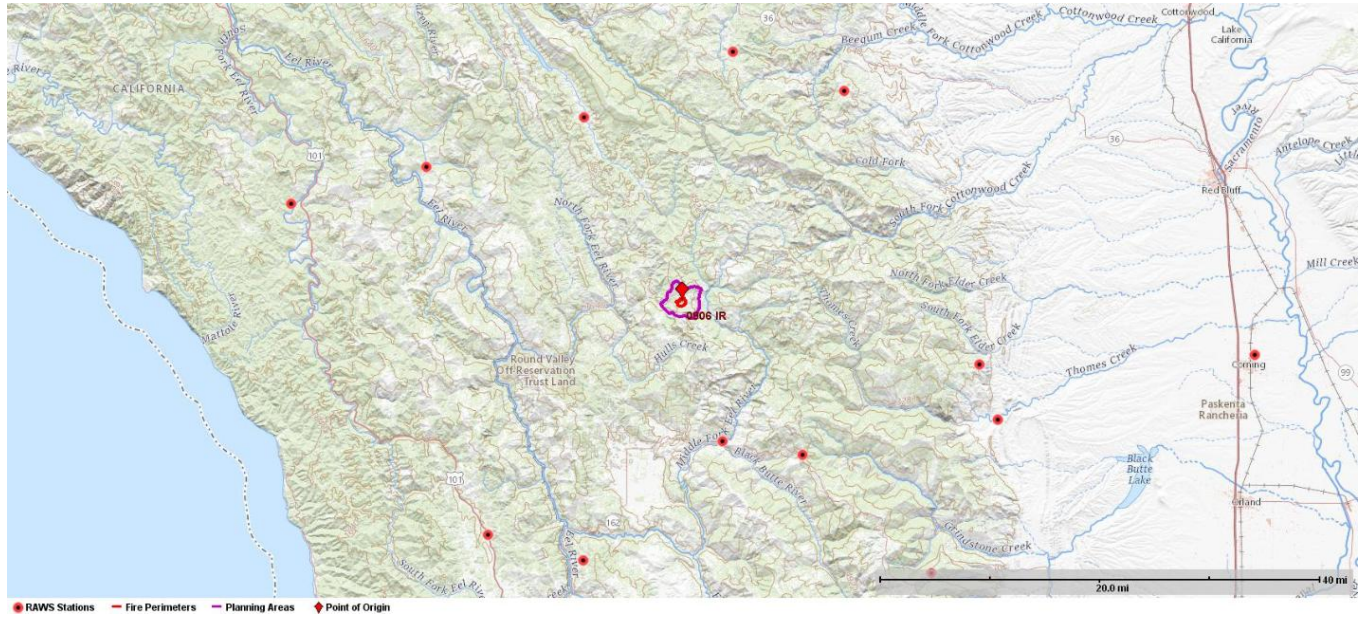
— Fire Perimeters — Planning Areas ◆ Point of Origin

1.3. Weather

Fire Weather Zone Forecast

000
FNUS56 KEKA 080946
FWFEKA
FIRE WEATHER PLANNING FORECAST FOR NORTHWEST CALIFORNIA
NATIONAL WEATHER SERVICE Eureka CA
246 AM PDT Sun Sep 8 2019
.DISCUSSION...Cooler temperatures are expected across interior portions of Northwest California this weekend through the middle of next week, with showers possible over the northern part of the area through early next week. Another round of gusty winds will be possible this afternoon and evening across portions of the interior.
CAZ277-090130-
W Mendocino NF/E Mendocino Unit-
246 AM PDT Sun Sep 8 2019
.TODAY...
* Sky/Weather...Sunny.
* Max Temperature.....
Valleys/lwr slopes...75-83
Ridges/upr slopes...63-71
* Min Humidity.....
Valleys/lwr slopes...28-36 percent
Ridges/upr slopes...33-43 percent
* 20-Foot Winds...
Valleys/lwr slopes...Northwest winds 5 to 9 mph.
Ridges/upr slopes...Northwest winds 6 to 11 mph.
* LAL....1.
* Chc of Wetting Rain...0 percent.
.TONIGHT...
* Sky/Weather...Mostly clear.
* Min Temperature.....
Valleys/lwr slopes...45-51
Ridges/upr slopes...45-52
* Max Humidity.....
Valleys/lwr slopes...81-96 percent
Ridges/upr slopes...65-80 percent
* 20-Foot Winds...
Valleys/lwr slopes...Northwest winds 5 to 8 mph.
Ridges/upr slopes...Northwest winds 6 to 11 mph.
* LAL....1.
* Chc of Wetting Rain...0 percent.
.MONDAY...
* Sky/Weather...Sunny.
* Max Temperature.....
Valleys/lwr slopes...72-80
Ridges/upr slopes...60-68
* Min Humidity.....
Valleys/lwr slopes...29-37 percent
Ridges/upr slopes...37-47 percent
* 20-Foot Winds...
Valleys/lwr slopes...Northwest winds 5 to 8 mph.
Ridges/upr slopes...West winds 6 to 11 mph.
* LAL....1.
* Chc of Wetting Rain...0 percent.
\$\$
.EXTENDED FORECAST FOR DAYS 3 THROUGH 5...
...Northwest California Coast...
.TUESDAY...Mostly cloudy. Slight chance of showers and thunderstorms. Patchy fog. Lows in the lower to mid 50s. Highs 62 to 70. Northwest winds 5 mph.
.WEDNESDAY...Partly cloudy. Lows in the lower to mid 50s. Highs 63 to 72. Northwest winds 5 mph.
.THURSDAY...Mostly clear. Lows in the lower to mid 50s. Highs 65 to 75. North winds 5 mph.
.FRIDAY...Partly cloudy. Patchy fog after midnight. Lows in the 50s. Highs 67 to 75.
.SATURDAY...Partly cloudy. Lows in the lower to mid 50s. Highs 65 to 73.
...Northwest California Interior...
.TUESDAY...Partly cloudy with chance of showers. Lows 44 to 52. Highs 63 to 76. Northwest winds 5 mph.
.WEDNESDAY...Mostly clear. Slight chance of showers. Lows 44 to 52. Highs 69 to 82. Northwest winds 5 mph.
.THURSDAY...Clear. Lows 48 to 55. Highs 76 to 89. Northwest winds 5 mph.
.FRIDAY...Mostly clear. Lows 50 to 58. Highs 75 to 83.
.SATURDAY...Partly cloudy. Lows 50 to 57. Highs 73 to 81.
.6 to 10 DAY OUTLOOK...Friday September 13 THROUGH Tuesday September 17, 2019...
FOR NW CALIF...ABOVE NORMAL TEMPERATURES AND NEAR NORMAL PRECIPITATION.
\$\$
visit us at www.weather.gov/eureka

0906 RAWs



1.4. Modeling

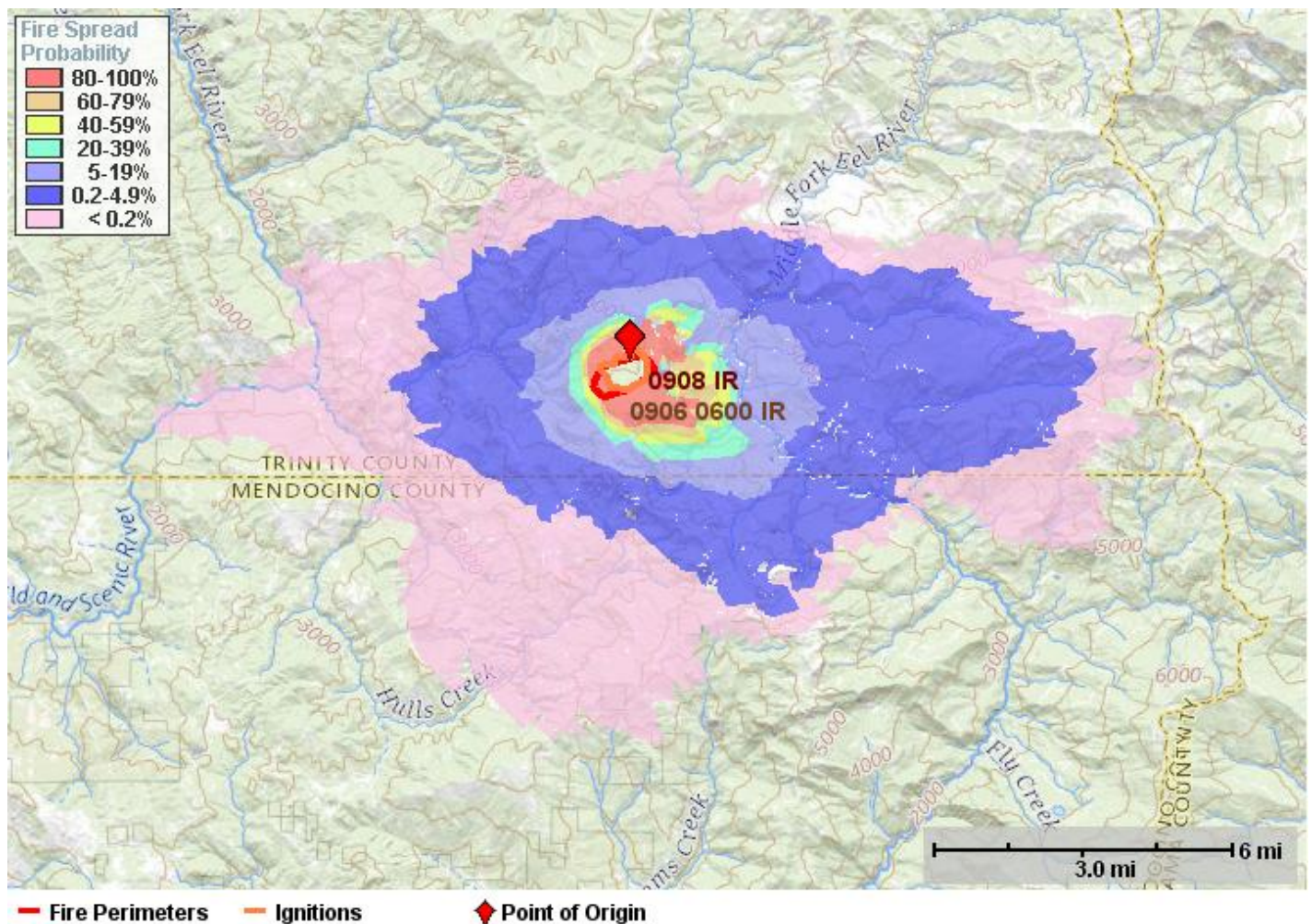
FSPro (0907 CrwnM-SR 2500 5d - Started on 09-07-2019)

FSPro General Information

NAME	VALUE
Analysis Name	0907 CrwnM-SR 2500 5d
Analysis Start	09/07/2019
Duration	5 days
Simulations	2500 fires

Time (CDT)	User	Note
09/07/2019 17:49	Doyle, Patrick	This FSPro run would represent the hotter end of fire spread probability, that uses the Scott/Reinhardt crown fire model. The FSPro run results are representative of the probability of fire spread over the next 5 days (September 7-11), with 2500 fire iterations under a 90m pixel . Based on current and forecasted weather conditions for this next week. FSPro assumes no suppression activity, but may have barriers used to illustrate the effect of built and natural barriers to surface fire spread. The FSPro run is a geospatial probability analysis of the potential fire spread direction that could occur based on a representative remote automated weather station (RAWS), where the historical data is used to as the basis of weather factors inputted in the fire spread models used in the program.

FSPro Analysis '0907 CrwnM-SR 2500 5d'



FSPro (0907 CrwnM-F 2500 5d - Started on 09-07-2019)

FSPro General Information

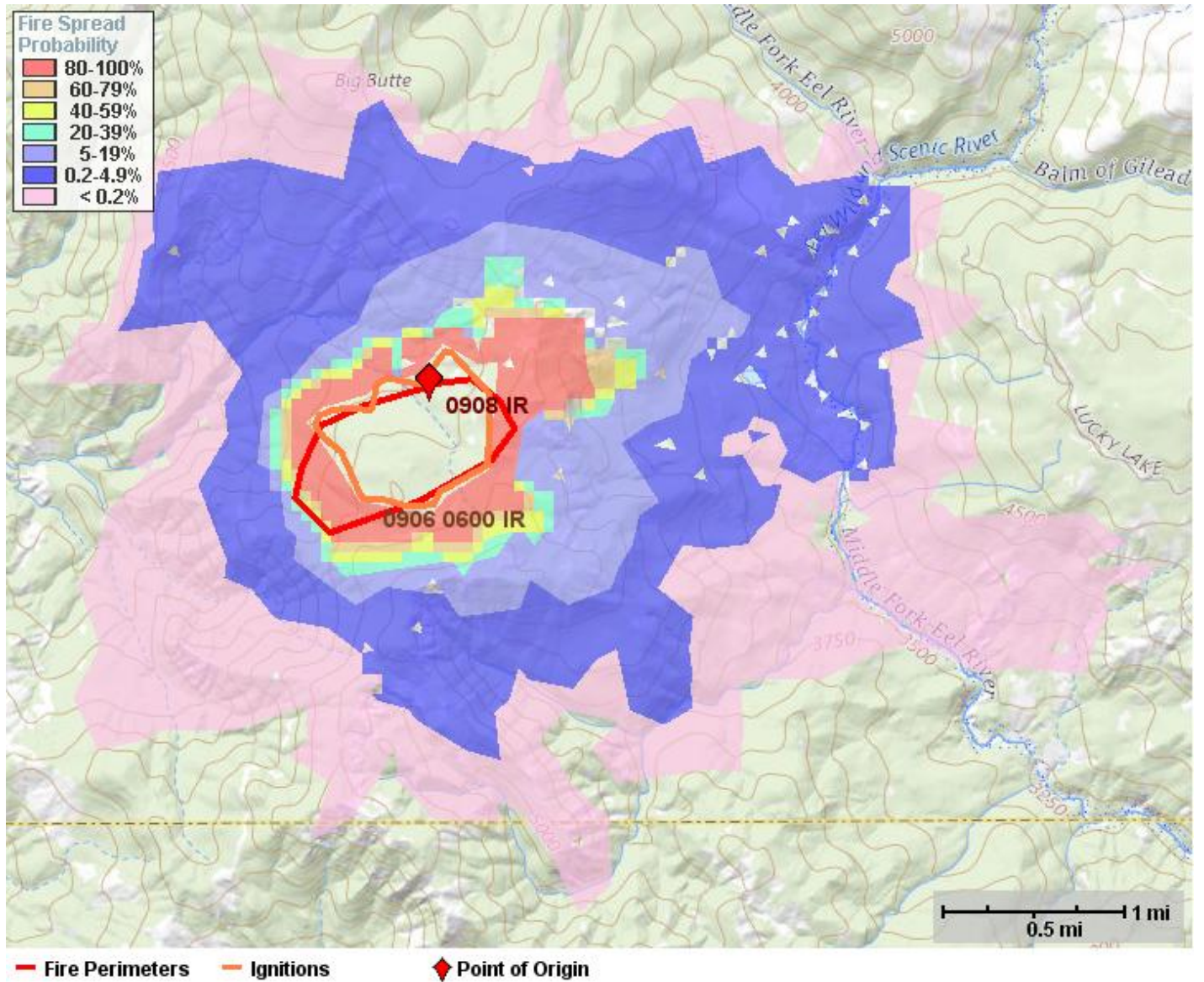
NAME	VALUE
Analysis Name	0907 CrwnM-F 2500 5d

FSPro General Information

Analysis Start	09/07/2019
Duration	5 days
Simulations	2500 fires

Time (CDT)	User	Note
09/07/2019 17:25	Doyle, Patrick	This FSPro run would represent the cooler end of fire spread probability, that uses the Finney crown fire model. The FSPro run results are representative of the probability of fire spread over the next 5 days (September 7-11), with 2500 fire iterations under a 90m pixel . Based on current and forecasted weather conditions for this next week. FSPro assumes no suppression activity, but may have barriers used to illustrate the effect of built and natural barriers to surface fire spread. The FSPro run is a geospatial probability analysis of the potential fire spread direction that could occur based on a representative remote automated weather station (RAWS), where the historical data is used to as the basis of weather factors inputted in the fire spread models used in the program.

FSPro Analysis '0907 CrwnM-F 2500 5d'



1.5. Risk

Relative Risk

NAME	VALUE
Relative Risk	Moderate
Duration	Moderate
Saved By	Aebly, Frank
Completed	09/08/2019 16:02 CDT

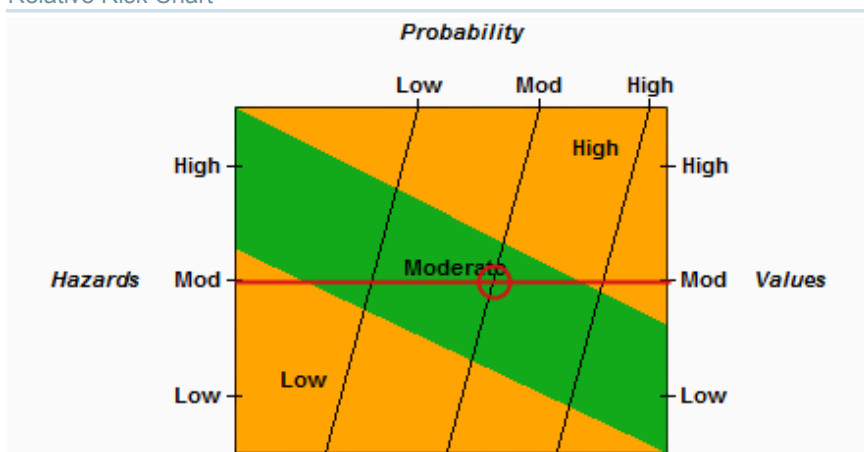
Relative Risk Notes

Values at risk include Wilderness, heritage resources, anadromous habitat, and private land and structures

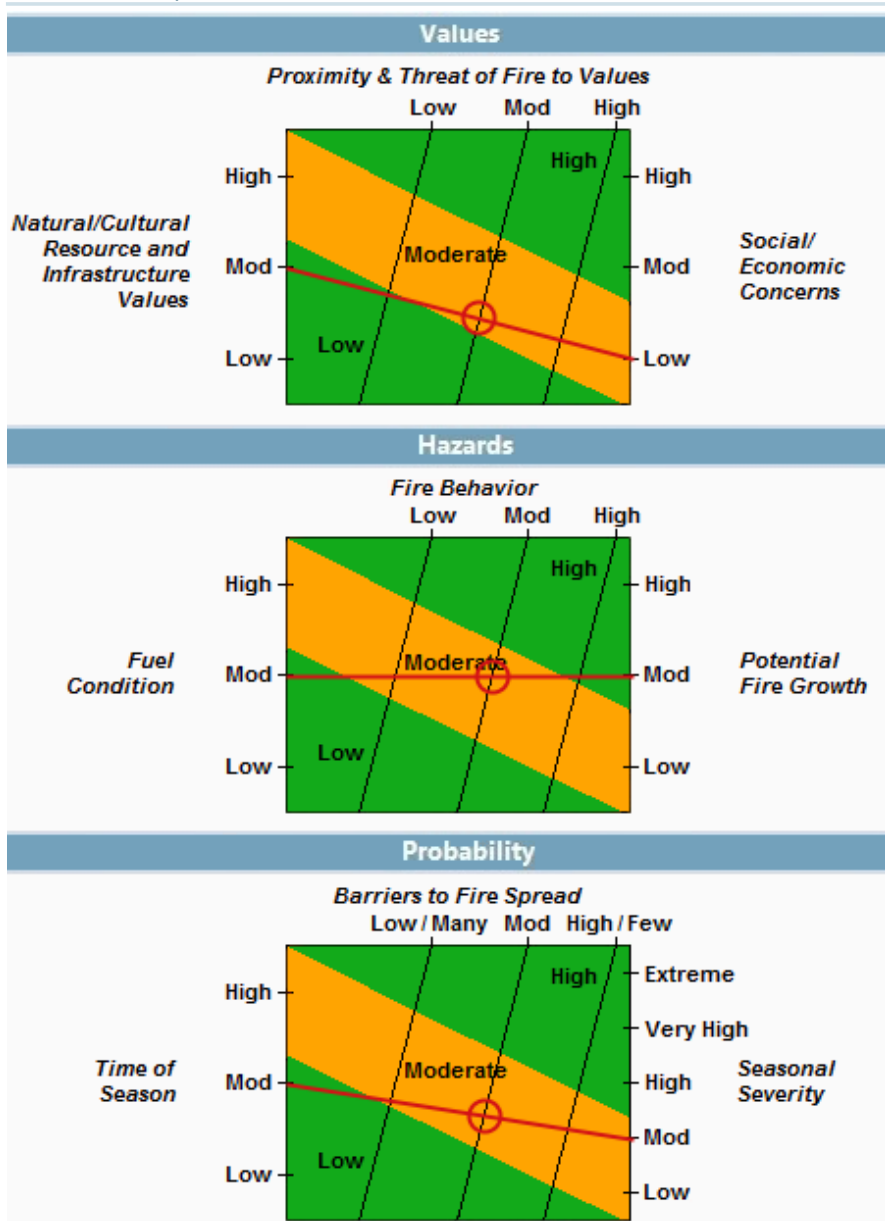
Hazards Notes

There is plumbed line around the fire and weather is currently favorable for low firre behavior and growth but this can change. Fire is in dense timber with dead and down. Area has not seen fire in recorded history. Therefore the overall hazard remains moderate.

Relative Risk Chart



Relative Risk Inputs



Organization Assessment

NAME	VALUE
Unit Recommended Org Type	3
Saved By	Aebly, Frank
Completed	09/08/2019 16:03 CDT

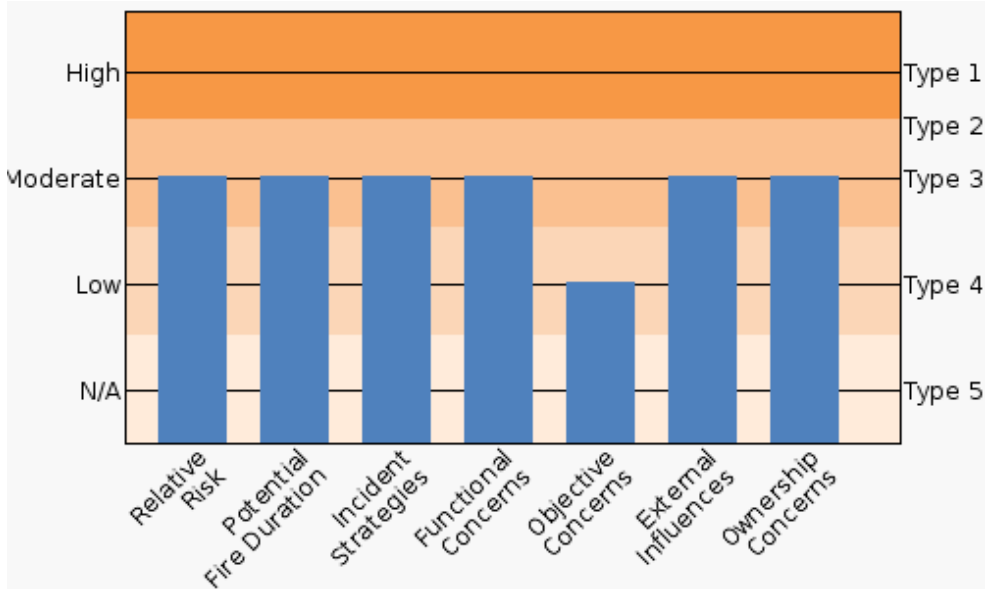
Organization Assessment Notes

All risk parameters are low to moderate. US Forest Service has assigned a local IC to the incident. The fire is being managed under unified command.

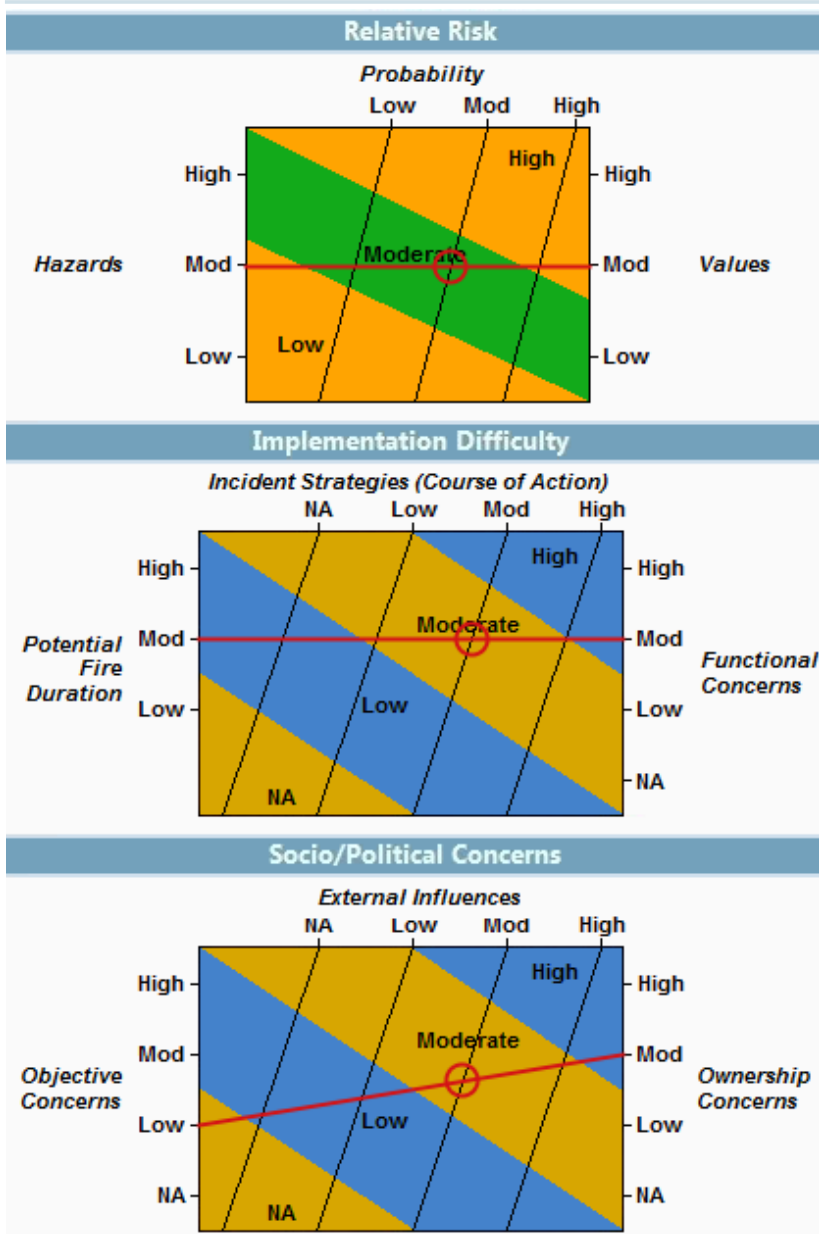
Relative Risk Notes

Values at risk include Wilderness, heritage resources, anadromous habitat, and private land and structures

Organization Assessment Chart



Unit Recommended Org: Type 3



Planning Area Values Inventory Generated at 09/08/2019 15:08

NAME	VALUE
Planning Area Name	09/08/2019 18:03
Incident Name	HENTHORNE
Planning Area Size	14,857 acres

Category	Value	Data Source	Currency	Coverage
BLM Range Allotments	2,872 acres	BLM	03/11/2019	National
Building Clusters: Trinity, CA	2	US Counties / FGDC Cadastral Subcomm.		Available counties
CAMNF - Resources / NSO Pts Covelo	2	CAMNF		Unit
CASRF - 1 Mgmt Requirements / Key Watershed	7,602 acres	CASRF		Unit
CASRF - 2 Objectives / Municipal watershed	7,602 acres	CASRF		Unit
Class 1 Airsheds	7,155 acres	NPS Air Resources Division	Various	National
County: Trinity, CA	14,856 acres	US Census Bureau, TIGER/Line	2018	National

Category	Value	Data Source	Currency	Coverage
Est Ground Evac Time: 1-2 Hrs	2,232 acres	National Park Service NIFC	11/01/2012	CONUS
Est Ground Evac Time: 2-4 Hrs	11,022 acres	National Park Service NIFC	11/01/2012	CONUS
Est Ground Evac Time: 4-6 Hrs	1,598 acres	National Park Service NIFC	11/01/2012	CONUS
Habitat: Northern Spotted Owl	525 acres	US Fish and Wildlife Service	02/05/19	National
Habitat: Steelhead	22.6 miles	US Fish and Wildlife Service	02/05/19	National
Jurisdictional Agency: BLM	5,866 acres	Various	05/29/2015	National
Jurisdictional Agency: USFS	7,319 acres	Various	05/29/2015	National
Other Areas: Eel, California	884 acres	USGS PADUS 1.4	03/13/2019	National
Responsible Agency: CDF	1,121 acres	Various	07/2015	AK, CA, ID, MT, NM, MN
Responsible Agency: USFS	13,737 acres	Various	07/2015	AK, CA, ID, MT, NM, MN
WSA: Big Butte Wilderness Study Area	371 acres	Various	03/08/2019	National
Wilderness: Yolla Bolly-Middle Eel Wilderness	13,603 acres	Wilderness.net	01/31/19	National

Coverage of Values Queried that Produced No Results

BIA Admin Boundaries (National), BLM Buildings (BLM Lands), BLM Horse and Burro (National), BLM Oil / Gas Leases (National), Campgrounds (National (BLM and USFS only)), Communication Towers (National), Electric Power Plants (National), Electric Sub Stations (National), Electric Transmission Lines (National), IRA (National), Mines (National), NPS Admin Boundaries (National), NPS Buildings (All NPS), NRA (National), Natl Historic Trails (National), Natl Recreation Trails (National), Natl Scenic Byways (National), Natl Scenic Trails (National), Oil and Gas Pipelines (National), Ozone Non-Attainment (National), Particulates Non-Attainment (National), Roads (National), Sage Grouse Habitat (National), TNC Lands (National), USFS Buildings (National), USFWS Admin Boundaries (National), USFWS Trails (National)

Spatial Fire Planning Inventory

Category	Value	Data Source	Currency	Coverage
Mgmt Req: GEN	1,189 acres	CAMNF	Current	Unit Level
Mgmt Req: WLD	1,189 acres	CAMNF	Current	Unit Level
Retardant Avoidance	442 acres	USFS Enterprise Data Warehouse	04/01/2018	National (USFS Units only)

Point of Origin Values Inventory

Category	Value	Data Source	Currency	Coverage
BLM Range Allotments	488 acres	BLM	03/11/2019	National
Building Clusters: Trinity, CA	0	US Counties / FGDC Cadastral Subcomm.		Available counties
CAMNF - Resources / NSO Pts Covelo	1	CAMNF		Unit
CASRF - 1 Mgmt Requirements / Key Watershed	1,570 acres	CASRF		Unit
CASRF - 2 Objectives / Municipal watershed	1,570 acres	CASRF		Unit
Class 1 Airsheds	1,118 acres	NPS Air Resources Division	Various	National
County: Trinity, CA	2,011 acres	US Census Bureau, TIGER/Line	2018	National
Est Ground Evac Time: 1-2 Hrs	1,184 acres	National Park Service NIFC	11/01/2012	CONUS
Est Ground Evac Time: 2-4 Hrs	826 acres	National Park Service NIFC	11/01/2012	CONUS
Jurisdictional Agency: BLM	751 acres	Various	05/29/2015	National
Jurisdictional Agency: USFS	1,189 acres	Various	05/29/2015	National
Responsible Agency: USFS	2,011 acres	Various	07/2015	AK, CA, ID, MT, NM, MN

Point of Origin Values Inventory

Category	Value	Data Source	Currency	Coverage
Wilderness: Yolla Bolly-Middle Eel Wilderness	2,011 acres	Wilderness.net	01/31/19	National

Spatial Fire Planning Inventory

Category	Value	Data Source	Currency	Coverage
Mgmt Req: GEN	36 acres	CAMNF	Current	Unit Level
Mgmt Req: WLD	36 acres	CAMNF	Current	Unit Level
Retardant Avoidance	21 acres	USFS Enterprise Data Warehouse	04/01/2018	National (USFS Units only)

Fire Perimeter Values Inventory Generated at 09/08/2019 09:58

Category	Value	Data Source	Currency	Coverage
BLM Range Allotments	231 acres	BLM	03/11/2019	National
Building Clusters: Trinity, CA	0	US Counties / FGDC Cadastral Subcomm.		Available counties
CASRF - 1 Mgmt Requirements / Key Watershed	391 acres	CASRF		Unit
CASRF - 2 Objectives / Municipal watershed	391 acres	CASRF		Unit
Class 1 Airsheds	19 acres	NPS Air Resources Division	Various	National
County: Trinity, CA	393 acres	US Census Bureau, TIGER/Line	2018	National
Est Ground Evac Time: 1-2 Hrs	169 acres	National Park Service NIFC	11/01/2012	CONUS
Est Ground Evac Time: 2-4 Hrs	224 acres	National Park Service NIFC	11/01/2012	CONUS
Jurisdictional Agency: BLM	318 acres	Various	05/29/2015	National
Jurisdictional Agency: USFS	36 acres	Various	05/29/2015	National
Responsible Agency: USFS	393 acres	Various	07/2015	AK, CA, ID, MT, NM, MN
Wilderness: Yolla Bolly-Middle Eel Wilderness	393 acres	Wilderness.net	01/31/19	National

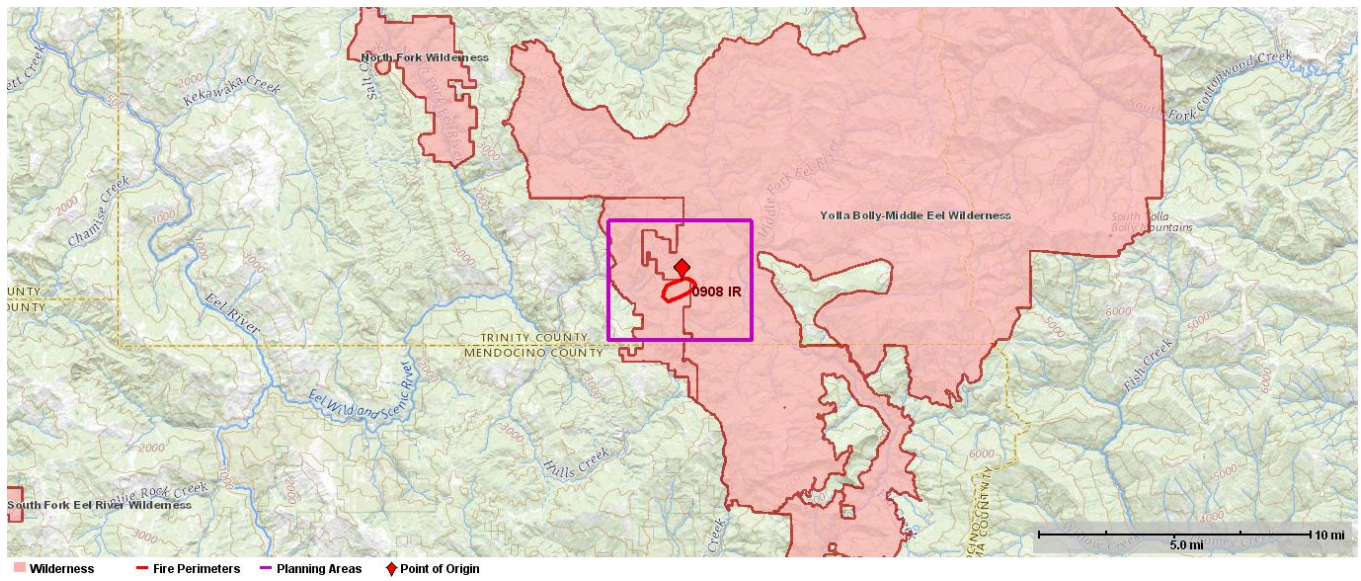
Coverage of Values Queried that Produced No Results

BIA Admin Boundaries (National), BLM Buildings (BLM Lands), BLM Horse and Burro (National), BLM Oil / Gas Leases (National), Campgrounds (National (BLM and USFS only)), Communication Towers (National), Electric Power Plants (National), Electric Sub Stations (National), Electric Transmission Lines (National), Habitat (National), IRA (National), Mines (National), NPS Admin Boundaries (National), NPS Buildings (All NPS), NRA (National), Natl Historic Trails (National), Natl Recreation Trails (National), Natl Scenic Byways (National), Natl Scenic Trails (National), Oil and Gas Pipelines (National), Other Areas (National), Ozone Non-Attainment (National), Particulates Non-Attainment (National), Roads (National), Sage Grouse Habitat (National), TNC Lands (National), USFS Buildings (National), USFWS Admin Boundaries (National), USFWS Trails (National), WSA (National)

Wilderness Areas

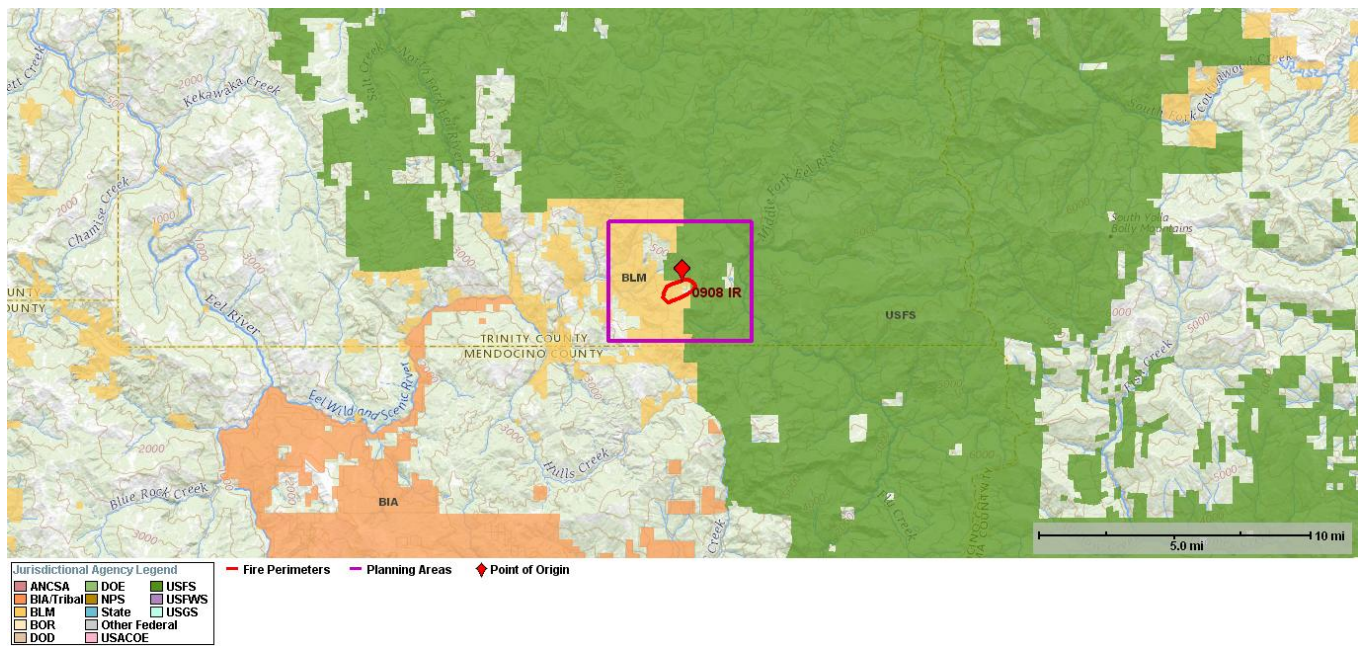
Wilderness Areas

Wilderness Areas



Land Ownership

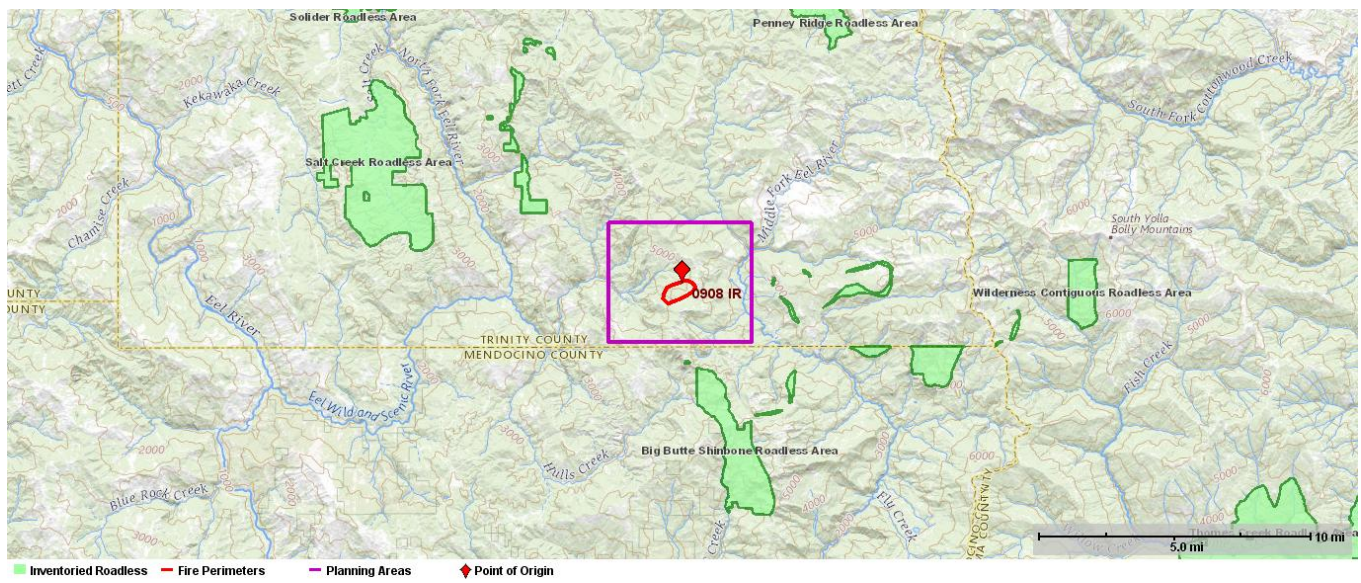
Land Ownership



Inventoried Roadless Areas

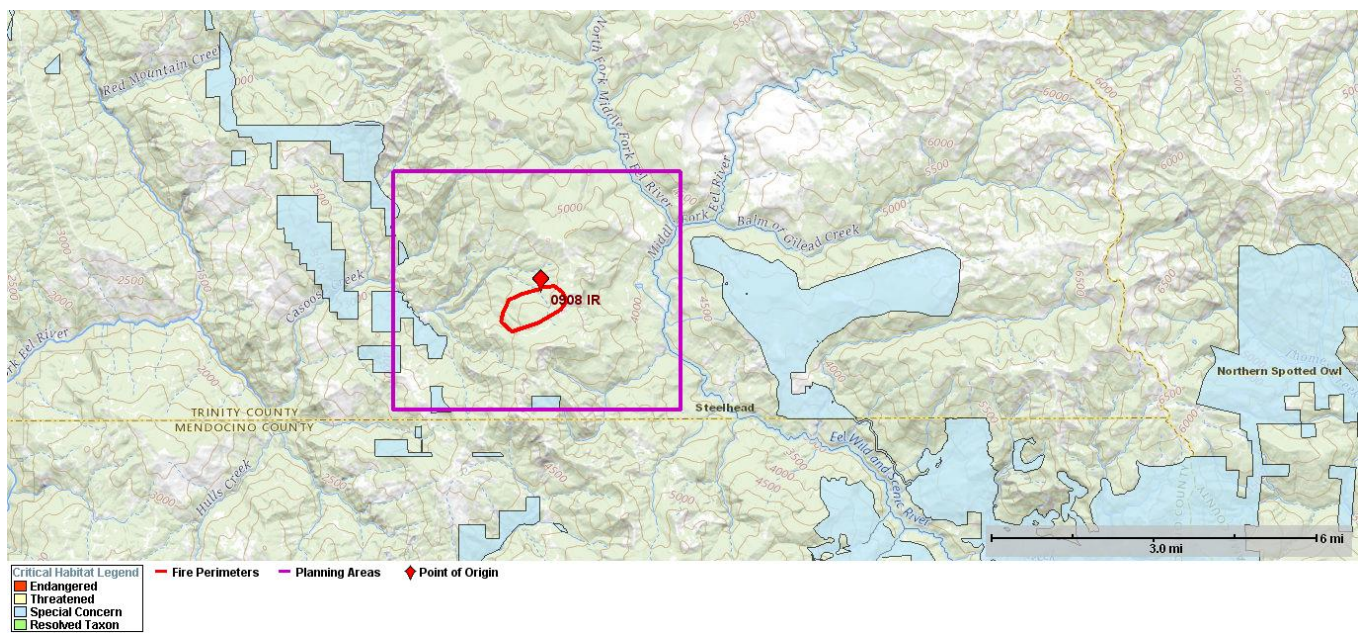
Inventoried Roadless Areas

Inventoried Roadless Areas



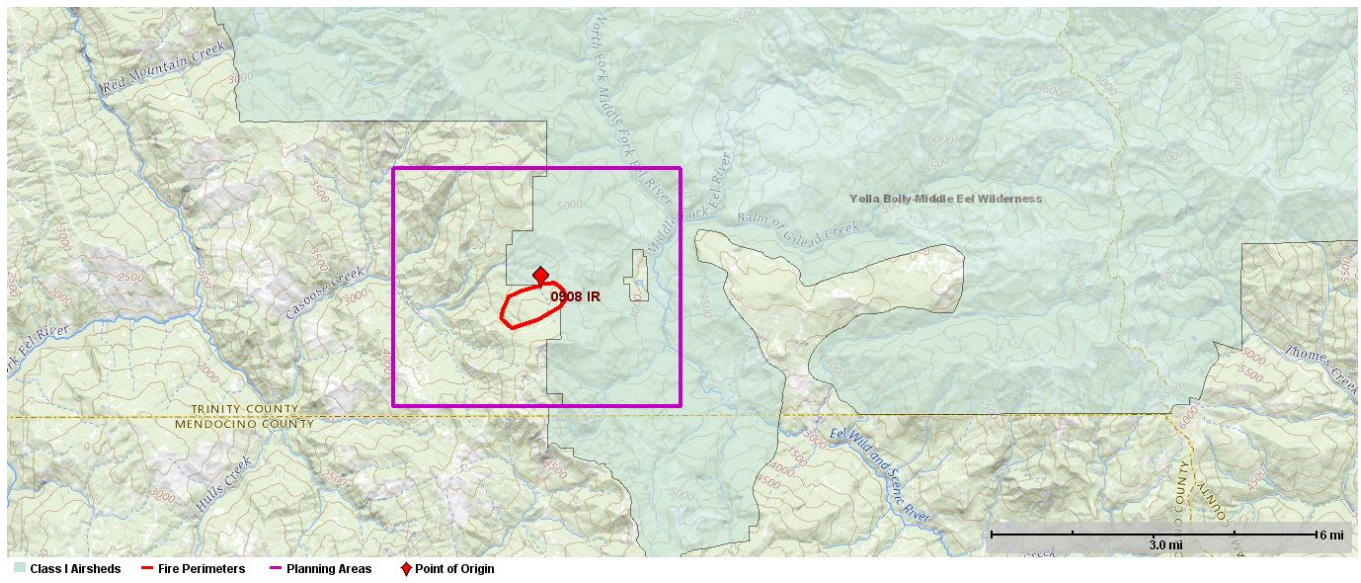
Critical Habitat

Critical Habitat



Class 1 Air

Class 1 Air Shed



1.6. Benefits

1.7. Objectives

Incident FMU/Strategic Objective Code List

Unit	FMU/Strat Obj Code	Acres
CAMNF	NONWILD	203
CAMNF	WLD - Wilderness	7,317
CANOD	Big Butte	5,785
CANOD	Eden/Thatcher/Brushy	40

Spatial Fire Planning Inventory

Category	Value	Data Source	Currency	Coverage
Mgmt Req: GEN	7,520 acres	CAMNF	Current	Unit Level
Mgmt Req: WLD	7,520 acres	CAMNF	Current	Unit Level
Mgmt Req: WSR	920 acres	CAMNF	Current	Unit Level
Retardant Avoidance	3,051 acres	USFS Enterprise Data Warehouse	04/01/2018	National (USFS Units only)

Incident Objective List

Activated	Incident Objective
09/08/2019	<ol style="list-style-type: none"> 1. Provide for firefighter and public 2. As safely as possible, and in consideration of resources threatened, contain fire at smallest possible size. 3. Keep costs commensurate with values at risk. 4. Provide for an inclusive and harassment-free environment. 5. Key resources considerations are: <ul style="list-style-type: none"> • NSO Activity Center - minimize tree and snag removal • Heritage resources - Maintain coordination with Archaeology Resource Advisor (READ) for suppression and suppression repair activities. • Adjacent private lands and structures • Aquatic Resources - Anadromous habitat and Retardant Avoidance zones 300 feet from mapped blue line stream • Wilderness - utilize minimum impact suppression tactics 6. Take appropriate actions for suppression repair to protect resources. 7. Provide training opportunities for the resources area personnel to strengthen our organizational capabilities. 8. Minimum disruption of residential access to private property, and visitor use consistent with public 9. Efforts should be made to minimize smoke impacts to communities and ensure that communication is maintained with the Lake County Air Quality Boards. 10. Coordinates of all retardant drops will be recorded and provided to the Forest.

Incident Requirement List

There are no Incident Requirements.

Strategic Objective List

Unit	Shape/ FMU	Activated	Strategic Objective
CAMNF	NONWILD	04/05/2018	Utilize the appropriate suppression response (i.e., confine, contain, or control) for natural occurring unplanned ignitions. LRMP Chapter IV Page 20, FSM 5130
CAMNF	WLD	04/05/2018	Permit Lightning fires to play, as nearly as possible their natural and ecological role within the wilderness, to reduce unnatural accumulations of fuels. While reducing to an acceptable level, the risks and consequences of wildfire within wilderness or escaping from wilderness. LRMP IV-72 RX-9, FSM 2324.21
CANOD	Big Butte	05/03/2019	<ul style="list-style-type: none"> • Provide protection of old growth stands from impacts associated with high intensity wildland fire and fire suppression activity. • Tailor strategies and tactics to avoid areas with significant constraints including critical wildlife habitat, T&E species, areas of soil instability, areas with cultural resource value and sensitive plant communities. • Provide protection for sensitive sites from damage by heavy mechanized equipment.

Strategic Objective List

Unit	Shape/ FMU	Activated	Strategic Objective
CANOD	Eden/ Thatcher/ Brushy	05/03/2019	<ul style="list-style-type: none"> • Provide protection for the existing old growth and mature stands for late-successional habitat. • Tailor strategies and tactics to avoid areas with significant constraints including critical wildlife habitat, T&E species, areas of soil instability, areas with cultural resource value and sensitive plant communities.

Management Requirement List

Unit	Shape/FMU	Activated	Management Requirement
	Retardant Avoidance	05/31/2012	The aerial application of fire retardant is allowed for fighting fires. Aerially delivered fire retardant should not be applied to any mapped terrestrial 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. Information concerning the Record of Decision for the Aerial Application of Fire Retardant is available at https://www.fs.fed.us/fire/retardant/index.html
CAMNF	GEN	04/05/2018	Cultural Resources: Utilize technical specialists to identify archaeological sites and recommend appropriate protection prior to engagement, and in the planning process. Use local agency cultural specialists and local tribal cultural specialists when possible. FSM 2360, National Historic Preservation Act Sec. 106
CAMNF	GEN	04/05/2018	Minimize disturbance of riparian ground cover and vegetation. Locate and manage water drafting sites so as to minimize adverse effects. Locate incident bases, camps, staging areas, and other incident facilities outside riparian reserves. If the only suitable location for such facilities is within a riparian reserve, a resource advisor will determine the location, use conditions and rehabilitation requirements. LRMP Chapter IV Page 20-21
CAMNF	GEN	04/05/2018	Aerial retardant drops are not allowed in mapped avoidance areas. 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. The Forest Service will report to FWS and NOAA fisheries (as appropriate) all misapplications of aerially applied fire retardant (on National Forest system lands). Nationwide Aerial Application of Fire Retardant on National Forest System Land; Record of Decision; December 2011; page 2-4
CAMNF	WLD	04/05/2018	Fire will be restored to the ecosystem to meet LRMP resource objectives through the selection of the appropriate management response to wildland fire occurrence. The use of planned and unplanned ignitions will be considered. The use of natural barriers, topography, or watercourses, and low impact techniques will be favored. Avoid the use of chemical retardants in the Wilderness whenever possible. Where possible, locate helispots, staging areas, and spike camps outside the Wilderness or so as to have the least impact to Wilderness values. LRMP Chapter IV Page 72
CAMNF	WLD	04/05/2018	Conduct all fire management activities within wilderness in a manner compatible with overall wilderness management objectives. Give preference to using methods and equipment that cause the least alteration of the wilderness landscape, disturbance of the land surface, and adverse effects on air quality including visibility. FSM 2324.23
CAMNF	WLD	04/05/2018	Utilize minimum impact suppression methods in accordance with guidelines for reducing risks of large-scale disturbances within the LSR. Provide protection and promote connectivity with adjoining LSR's and wilderness. Consult with resource specialists, to assure that habitat damage is minimized. LRMP IV-66 RX-6, Buttermilk LSR current conditions report.
CAMNF	WSR	04/05/2018	Conduct fire management activities so as to minimize landscape alteration and land disturbance, but otherwise manage fire in a manner compatible with adjacent National Forest System lands. LRMP Chapter IV Page 76. FSM 2354.42n
CANOD	<Unit>	07/14/2013	Provide aggressive initial attack along the wildland urban interface to protect life and property, and for in-holdings throughout the FMU.
CANOD	<Unit>	07/14/2013	Provide protection to values at risk that will be potentially impacted by the fire, regardless of ownership.
CANOD	<Unit>	07/14/2013	Provide post-fire erosion/sediment control measures to highly erodible disturbed surfaces.
CANOD	<Unit>	07/14/2013	Tailor strategies and tactics to avoid areas with significant constraints including critical wildlife habitat, T&E species, areas of soil instability, areas with cultural resource value and sensitive plant communities.
CANOD	<Unit>	07/14/2013	District Manager or Field Office Manager approval is required for dozer use in ACECs and special designation areas.
CANOD	<Unit>	07/14/2013	Fire retardant will not be applied within 300 feet of streams, wetlands, ponds, springs, or riparian areas.

Management Requirement List

Unit	Shape/FMU	Activated	Management Requirement
CANOD	<Unit>	07/14/2013	Large islands of remaining vegetation between the fire line and already burned areas will not be "burned out", as these areas become extremely important to wildlife and for post fire seed sources for years following a large fire. This same rationale can be applied to snags and logs which are used by many birds and small mammals. Cold trail and leave intact wherever possible.
CANOD	<Unit>	07/14/2013	To prevent cross contamination between natural and manmade water sources helicopters with buckets should not draw water from multiple sources, but use a single source.
CANOD	<Unit>	07/31/2014	The BLM Agency Representative and the Incident Commander will use the Justification for Use of Heavy Equipment within Wilderness and Wilderness Study Areas when determining the need to request a decision on the use of track-type equipment in special designation areas.
CANOD	<Unit>	05/14/2018	Notify BLM Fire Duty Officer when BLM lands (including isolated parcels) are identified in WFDSS Planning Areas to determine level of participation in the decision making process.
CANOD	<Unit>	05/14/2018	Fire managers will request and work closely with a BLM Agency Representative and Resource Advisor for all wildland fires that exceed initial attack, or are located in a Wilderness, Wilderness Study Area (WSA) Area of Critical Environmental Concern (ACEC), and areas of known cultural sites.

1.8. Course of Action

Strategy



Last updated by Frank Aebly on 09/08/2019 16:14

Comments

Since containment lines have been established and plumbed around the fire, the course of action is to keep the fire within current containment lines

Course of Action

Active	Inactive	Action Item
09/08/2019		Follow preplanned response.

1.9. Cost

Estimated Final Cost

NAME	VALUE
Estimated Final Cost	\$4,000,000
Method(s) Used	SCI

Comments

Fire is currently within the DPA of USFS. Due to the remoteness of the location and the need to use state resources the cost is expected to be at the 75% level or higher.

1.10. Rationale

0906 - Rationale

Risk Assessment I. What are the critical values at risk? The critical values at risk include Wilderness, Anadromous habitat (steelhead), heritage resources, Northern Spotted Owl (NSO) activity centers. 2. What is the chance the critical values will be impacted, and if so what are the consequences? Wilderness values would be impacted by management activities, including ground disturbance and aircraft noise. Minimum Impact techniques are being used. High burn severity could cause accelerated erosion and loss of shading, adversely impacting steelhead habitat. Heritage resources may be impacted by ground disturbance associated with management actions. Resource Advisors have been assigned to minimize this risk. If heritage sites are impacted required reporting and evaluations would need to be completed. 3. What are the opportunities to manage the fire to meet land management plan objectives? Due to lack of available resources and proximity to private lands and structures there is no opportunity for managing this fire in any other way than full suppression. 4. What are the possible low probability/high consequence events? The fire burns past the containment lines and burns outside the wilderness and threatens structures. The inaccessible nature of the fire area could delay timely medical response if needed. 5. Who are the stakeholders that should be consulted prior to making a decision? BLM, North Coast Unified Air Quality Management District, and NorthOps. Risk Decision 1. What alternatives (objectives, strategies and tactics) are being considered? The only alternative considered is full suppression using Minimum Impact Suppression Tactics. 2. What is the exposure to responders for the alternatives being considered? Exposure to firefighter include snags, steep terrain, heat, and transportation time for medical response. All of these increase with the and duration of the fire. 3. What is the relative probability of success associated with the alternatives being considered? The probability of success is moderately high. There is line around the fire and predicted weather is conducive to suppression success. The remoteness of the area and travel time does pose an obstacle to timely response. 4. What alternative provides for the best balance between the desired outcome and exposure to Responders? The current course of action, full suppression, is the best and only alternative considered. Keeping the fire as small as possible minimizes exposure time and protects private property and structures. 5. What are the critical thresholds that will trigger reconsideration of the proposed alternative and how will they be monitored? Fire activity and spread will be monitored. If the fire escapes containment lines a new decision will be considered but will likely be full suppression.

Due to multiple jurisdictions; private land intermixed with public land; and distance to and impacts to values at risk the fire is being managed under a local CAL FIRE Type 3 organization. As the fire burned onto USFS DPA, unified command was warranted. BLM and USFS are approvers within this WFDSS Decision because their lands are within the fire perimeter and within the WFDSS Planning Area. Fire behavior has moderated from the initial attack at this time. Good progress on line construction has been made on ridges and roads however there are areas that have impeded line construction within steep, complex topography.