

1. SIGNATURE BLOCKS:

<u>Agency</u>	<u>Representative</u>	<u>Signature</u>	<u>Date</u>
Juniper Flat Fire Safe Council(JFFSC)	Pamela Simpson, Secretary		
MSVVFC	Mary Cameron, Fire Chief		
CALFIRE	Jeff Burns, Battalion Chief		
SISKIYOU COUNTY SHERIFF	Rick Riggins, Sheriff		
OFFICE OF EMERGENCY SERVICES	Jon Villani, Emergency Coordinator		
BOARD OF SUPERVISORS	Jim Cook, Chairman		

2. OVERVIEW DESCRIPTION OF JUNIPER FLAT FSC:

The Juniper Flat Fire Safe Council currently serves a large rural district adjacent to the slopes of Mount Shasta in Northern California. The district is approximately 36 square miles located west of Highway 97 approximately 12 miles north of Weed, CA. County Hwy A-12 (“Grenada cutoff”) bisects the district in an east-west direction.

The US Forest Service (Klamath NF and Shasta-Trinity NF) and the US Bureau of Land Management owns approximately 12 square miles of the district. The Mt. Shasta Vista Subdivision comprises the largest organized neighborhood in the district with 6.5 square miles. The Mount Shasta Wilderness Area is located approximately 10 miles to the east of Hwy 97.

Juniper Flat FSC is comprised of the service area of the Mt. Shasta Vista Volunteer Fire Company (MSVVFC). The district is bordered to the west by the Mayten Fire District and to the south by the Lake Shastina Fire District. CalFIRE provides a staffed station in Weed during the summer. To the north, the Goose Nest Ranger District seasonally supplements fire coverage for the Klamath National Forest (and provides a lookout station at Herd Peak?).

The geographic location creates a perfect environment for high desert scrub vegetation dominated by Western Juniper, Sagebrush, and Manzanita. The southern half of the district is volcanic outcroppings and blown sand are overgrown and is additionally affected by glacial alluvial flows from Whitney Creek, which when dry, cause some areas to become sand traps for unwary vehicles. The northern half of the district is more open ranchlands, with only occasional rocky outcroppings. The predominant wind direction is from the south and the area tends to be in on the edge of a high-wind corridor locally referred to as the “banana belt”.

The only paved roads in the area are Hwy 97, Co. Hwy A-12 and Harry Cash Road, which is narrow, winding, and some sections are poorly maintained. In most areas, the dirt roads are very narrow, overgrown, and the surrounding terrain can be very rugged across lava rocks and loose sand. The Mt. Shasta Vista subdivision has generally well-maintained roads, although they tend to be narrow and

overgrown. Even with good road signs, the street configuration in this area can be extremely confusing with many dead ends. Therefore navigating with a street map is vital for those unfamiliar with the area. The area is considered to be a high fire threat area with California insurance companies rating it as Zone 9 on a scale of 1 to 10. Most of the area is zoned by the County for Rural Residential Agricultural uses. The district includes several large ranches, plus approximately 2000 individual properties ranging from 2.5 to 40 acres. The Mt. Shasta Vista Subdivision comprises 1640 of these smaller parcels and is primarily located south of Co. Hwy A-12 near the eastern edge of the district. There are additional housing clusters, mostly not within a property association (referred to as "Modoc Streets", "Powerline Road", Indian Mountain Acres, and Juniper Hills). Additionally, there are several small and medium sized ranches, a few isolated home sites, and a few large ranches interspersed with the federal lands in the rest of the district. This creates a pattern of widely scattered single-family dwellings.

There are approximately 200 occupied residences in the district, plus many more camp/home sites used by temporary residents and sometimes, squatters. These "camping" landowners and temporary occupants can pose a significant fire hazard in some cases, since the property in use may lack power and water utility service, forcing occupants to use campfires and stoves for cooking with little or no reserve water for an immediate response capability. Most of the official residences have private wells and many have small water storage tanks, ranging from 50 gallons to 1000 gallons. There are no hydrants or community water sources. In addition, many of the residences are weathered and old and most lack protective fire clearance. There are minimal firebreaks due to the overgrowth of the vegetation and the condition of the access roads. Many residences are also tucked into the property and may not be visible from the road.

The Fire Company has four vehicles; all except one, acquired used or as excess property. The district owns a 2003? 4WD quick attack truck, a 1972 structure truck acquired as federal excess property, a ___ structure truck acquired in 2001 (requires a Class B license), and a 1965 structure truck that has questionable reliability.

3. INTERESTED PARTIES AND PARTNERSHIPS:

Italics indicate active participants

FEDERAL AGENCY PARTNERS

<u>Agency</u>	<u>Name</u>	<u>Title</u>	<u>Date Participation Started</u>	
1	<i>Goosenest Ranger District (RD), Klamath National Forest (KNF)</i>	<i>Laura Allen</i>	<i>District Ranger</i>	<i>11/2006</i>
		<i>Mike Powell</i>	<i>Fire Prevention Officer</i>	<i>11/2006</i>
		<i>Kit Jacoby</i>	<i>Fire Mgmt Officer</i>	<i>11/2006</i>
2	<i>Mt. Shasta –McCloud RD, Shasta Trinity National Forest (STNF)t</i>	<i>Mike Hupp</i>	<i>District Ranger</i>	<i>2/2006</i>
			<i>Fire Prevention Officer</i>	
		<i>Paige Boyer</i>	<i>Fire Mgmt Officer</i>	<i>2/2006</i>
3	<i>USDA Rangeland Conservation District</i>	<i>Marc Horney</i>		<i>2/2006</i>

	BLM – Redding District	Charlie Wright		
	US Fish and Wildlife Service – Yreka Field Office?			

STATE AGENCY PARTNERS

4	Cal Fire – Yreka, Weed	Jeff Burns	Battalion Chief	11/2005
	Shasta Valley Resource Conservation District	Amy Hansen?		
	State Forest			

LOCAL PARTNERS

Organization or Affiliation	Representative(s)	Date Started	
GOVERNING BODY			
5	Siskiyou County Board of Supervisors	Mike Kobseff Jim Cook	10/2006
LANDOWNERS			
6	MSVPOA Owners	Pam Simpson Jeannette Hook Roselle Robak Caleb Villareal Stuart Ward Marjorie King Bob Beals Dan Jordan Alfo Baldwin Dave Zablocki	2/2006
7	Indian Mountain Acres Neighborhood	Stan Rommell	
8	Modoc Streets Neighborhood	Mary Cameron Lynn Corliss	
	Other Landowners		
	Juniper Hills Subdivision		
	Powerline Streets Neighborhood		
	Large Ranches	Ken Joling Earl Joling Ken(?) Yates __ Koonrod Pat & Bryce Martin	
	Medium Ranches ?		
9	Small Ranches/Ranchettes	Ginger and Colleen Welch	

COMMUNITY GROUPS			
10	<i>Mt Shasta Vista Volunteer Fire Company Board of Directors (MSVVFC)</i>	<i>Mary Cameron, Chief Lynn Corliss Dan Jordan</i>	<i>2/2006, 11/2006</i>
11	<i>Mt Shasta Vista Property Owner Association Board of Directors (MSVPOA)</i>	<i>Jeannette Hook Pam Simpson Roselle Robak</i>	<i>2/2006</i>
	Montague Grange		
	Save our Shasta and Scott River (SOSS)		
UTILITIES			
	Pacific Power, Yreka		
	Cal -Ore Telephone, Dorris		
	PacBell/ATT, Mt. Shasta		
	Gas?, Yreka		
	Diesel suppliers?, Yreka, Dunsmuir		
	Montague Irrigation District		
INSURANCE/REAL ESTATE			
	State Farm Insurance, Yreka	John Pomoroy	
	Coldwell Banker, Yreka	Chris Kutsky	
	Siskiyou Country, Weed		
OTHER PARTIES			
	California Highway Patrol		
	Hwy 97 travelers?		
	Lake Shastina Fire Dept		
	Mayten Fire Company	Dick Solus, Fire Chief	
	Mayten Fire Company	Bob Rose, Asst. Chief	
	Big Springs School		
	Mayten Market		
	<i>Big Springs Community Church</i>	<i>Pastor Van Ee</i>	
	Siskiyou County Red Cross	<i>Lynn Corliss</i>	
	Siskiyou County – Departments		
	Emergency Services	John Villani?	
	Public Works (Roads)		
	<i>Public Health</i>	<i>Lynn Corliss</i>	
	Sheriff Office		
	Siskiyou County Off-Road Riders (SCORR)	Matt Rokes	
	Siskiyou County Resource Advisory Committee (RAC)	<i>Larry Alexander, Co-Chair Jeannette Hook</i>	
	Upper-Mid Klamath Watershed Council	Tony Intiso?	

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4. COMMUNITY ASSETS

See Base Map.

BARRIERS AND HAZARDS: Road conditions

COMMUNITY ASSETS FOR PROTECTION Should this list, or a similar one, include addresses, owner names, phone #, even emergency contact #?

Asset at Risk	Location	Fuel Hazard (1-5, 1=low)	Risk of Wildfire Occurrence (1-5)	Structural Ignitability (1-5)	Overall Risk (1-5)
STRUCTURES					
A. Residences, PERM OCC.					
B. Residences, TEMP OCC.					
C. Structures, NOT OCC					
D. Outbuildings – IN USE					
E. Outbuildings, NOT USED					
F.					
G.					
BUSINESSES/COMMERCIAL STRUCTURES					
H.					
I.					
LIVESTOCK					
J.					
K.					
UTILITY/ INFRASTRUCTURE					
L. Power Lines					
M. Communication Towers	Herd Peak				
N. Phone Lines					
O. Road Corridors	Hwy 97				

RECREATION/VISITOR RESOURCES						
P.	Pluto Cave		Medium	High	Low	High
Q.	Veteran's Memorial Sculpture Garden		High	High	Low	Med
R.	Mt Shasta Wilderness Area		High	High	Low	Low
CULTURAL RESOURCES						
S.						
T.						

5. RESOURCES FOR PROTECTION

See Base Map.

Resource	Location	Contact	Phone	Conditions	Comments
FIRE DEPARTMENTS					
A.	Ray Jones Fire Station	13509 Roland Dr	Mary Cameron or Bud Jolly		
B.	Juniper Flat Station	13402 Juniper Drive	Mary Cameron, Dan Jordan		
C.					
D.					
E.					
WATER RESOURCES					
F.	Ray Jones Fire Station	13509 Roland Dr	Mary Cameron or Bud Jolly		
G.	Montague Irrigation District				
H.	Lake Shastina				
I.	Private Tanks	List address	Stan Rommel		
J.					
K.					
L.					
M.					
EQUIPMENT					

N.	Small tractor					
O.	4WD					
P.	bulldozer					
Q.	ATV					
R.	GPS					
S.	Water Tender					
T.						
U.						
V.						
SAFE ZONES						
W.	Ag Field	11102 Juniper Dr	Ken Joling			
X.						
Y.						
Z.						
LIVESTOCK HOLDING						
AA.						
BB.						
CC.						
EMERGENCY SHELTER						
DD.	Big Springs School					
EE.	Big Springs Community Church		Pastor Van Ee, Bea Joling			
FF.	Red Cross		Lynn Corliss			
COMMUNICATIONS						
GG.						
HH.						
II.						
EVACUTATION ROUTES						
JJ.						
KK.						
LL.						
MM.						
NN.						
OO.						
PP.						
QQ.						

6. THREATS AND FIRE SOURCES (CONDITION ASSESSMENT)

FUELS – TYPE AND DENSITY
SLOPES
WINDS
ROAD HAZARD AREAS
FIRE START HAZARDS

7. DESIRED CONDITIONS

POST FIRE – what should happen in the recovery period, what are the conditions we would like to see

FIRE RESPONSE – Emergency communications, evacuation plan, neighborhood assistance team(s)?

PRE FIRE – what is or should the community be doing to protect itself

8. PROJECT RECOMMENDATIONS

CALFIRE PROJECT RECOMMENDATIONS

Replace and maintain existing fire advisory signs

FOREST SERVICE/PUBLIC LANDS PROJECT RECOMMENDATIONS

Fuelwood projects
Tree/Brush Thinning
Limbing projects
Controlled Burn Projects
Border area Fire Breaks

MSVPOA PROJECT RECOMMENDATIONS

Road Turnouts
Evacuation Signs
Roadside Brushing
Border roads Fire Breaks
Maps or internal directions
Develop 2ndary exit routes

MSVVFC PROJECT RECOMMENDATIONS

Additional 4WD quick response vehicle at Ray Jones
Acquire water tender, minimum 5000 gal

Install and maintain up to 12 bulletin boards at neighborhood entries

JFFSC PROJECT RECOMMENDATIONS

Chipper Days

Develop 2ndary exit routes

Outreach & Education

Install and maintain up to 12 bulletin boards at neighborhood entries

Replace and maintain existing fire advisory signs

Create and maintain fire safety and prevention website

Develop Community Water Storage

Consider New Road Connections

Buckhorn Rd to Hwy 97

Buckhorn Rd to Roland Dr.

Country to Thrush

Martin to Blacksmith

Nugget to Powerline Rd.

PRIVATE OWNER PROEJCT RECOMMENDATIONS

100' Clearance at 90% of existing structures

Fire wise landscaping

Personal Water Storage Tanks with Fire Fittings

Personal Storage of 2500 gal or more at
90% of homes, with alternate power
supply

100% of new construction uses composite construction materials

OTHERS

9. PROJECT PRIORITIZATION

UPDATES: Project list will be updated every two years and incorporated into this document as an attachment. JFFSC will brainstorm new projects and will utilize a voting system to gain consensus on priority projects.

CRITERIA:

RANKING

Highest priority given to: a) protecting human lives. b) proximity to occupied residences and structures? c) # of structures protected d)

12. MAPS AND ATTACHMENTS

Juniper Flats Community Base Map
Evacuation Routes/Roads
Structure Locations
Topography
Fire Hazard Severity Zones
Land Status (ownership)

Juniper Flats Geographic Data Layers 6-2007 (in care of Marc Horney, USDA Conservation Service)
Color Aerial Imagery (August 2005, 1-meter NAIP)
Evacuation Routes (draft, 2006)
Farmland (USDA, 2006)
Fire History (CDF, USFS 2006)
District Fire Stations (MSVVFC, 2006)
Juniper Flats Fire Safe District Boundary (MSVVFC, 2006)
Hydrology – Active Channel, Whitney Creek (USDA, from 2005 NAIP)
Land Ownership [Private/Fed/State] (US Census Bureau, 2002)
Parcels/Owners (County of Siskiyou, 2007)
Roads (USDA, 2007 from US Census Bureau 2002)
Structure Locations (USDA, 2007)
Topographic Map (USGS DRG)
3-D Terrain (USGS NED)

CDF Electronic Data/Maps
Direct Protection Areas (DPAs)
State Responsibility Areas (SRAs)
Fire Hazard Severity Zones

<http://frap.cdf.ca.gov/data/frapgismaps/>