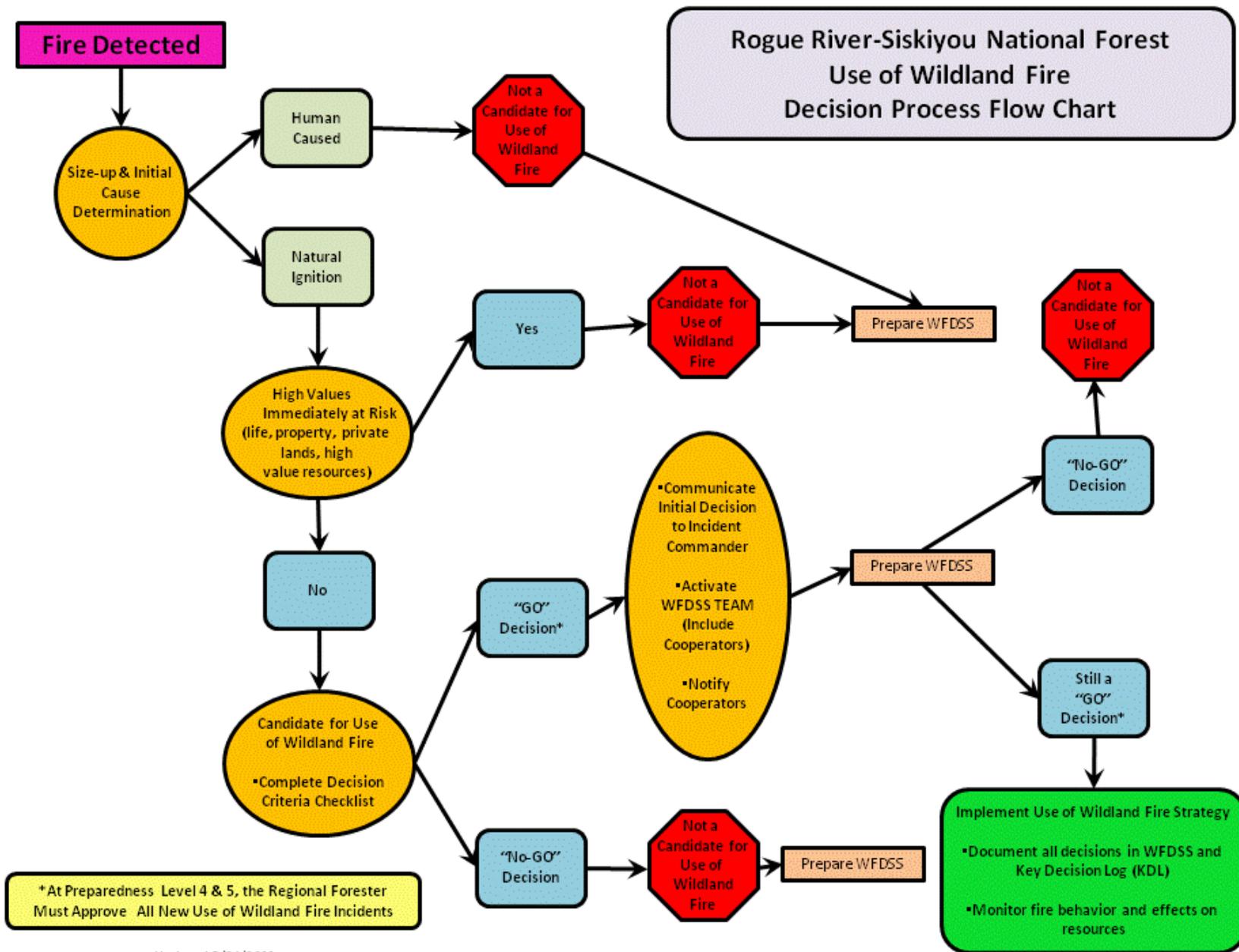


3.3.4. **Appendix D: WFDSS**

**THE DECISION PROCESS FLOW CHART FOR USE OF WILDLAND FIRE FOR RESOURCE BENEFIT AND THE
WILDLAND FIRE DECISION SUPPORT SYSTEM**



WFDSS Management Requirements & Strategic Objectives
 (Also refer to [Management Considerations that applies to all FMU's](#))

Last updated: July 7, 2009

Line No.	Statement	Management Requirement	Strategic Objective	Fire Management Unit (FMU)													
				Bear Creek (001)	Bridge (007)	Chetco River (003)	Galice (006)	Humbug (008)	Illinois Valley (009)	Jenny Creek (010)	Little Butte (013)	Lower Applegate (014)	Rogue River (016)	Trail Creek (019)	Upper Applegate (020)	Upper Rogue (021)	West Fork Cow Creek (022)
	Wildlife																
1	Marbled Murrelet, Spotted Owl, Bald Eagle, Osprey, Gray Owl, Goshawk: 1) minimize repeated aircraft flights that are less than 1,500 feet Above Ground Level (AGL) at all known sites. Minimize the use of fireline explosives within 1 air mile of occupied sites during the protection period. Within 200 feet of known nest sites minimize equipment noise (pumps, chainsaws, heavy equipment, blasting); 2) light underburns are acceptable; 3) emphasize retention of large trees, snags, logs, and canopy closure; 4) camps and staging areas should not be set up within 0.25 miles of any known nest sites.	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
2	LSR/LSE: 1) protect at least 90% of old growth and minimize creation of openings greater than 3 acres in size; 2) protect at least 80% of mature forest and minimize creation of openings greater than 3 acres in size; 3) protect at least 60% of small forest and minimize creation of openings greater than 20 acres in size; 4) minimize felling of large live and dead trees (deciduous trees greater than 10 inches DBH and conifers greater than 20 inch DBH).		x	x	x	x	x	x	x	x	x	x	x	x	x	x	
3	Peregrine Falcon: minimize human activity, blasting, aircraft within 0.5 air miles of known nest sites.		x						x			x	x	x	x		

Line No.	Statement	Management Requirement	Strategic Objective	Bear Creek (001)	Bridge (007)	Chetco River (003)	Galice (006)	Humbug (008)	Illinois Valley (009)	Jenny Creek (010)	Little Butte (013)	Lower Applegate (014)	Rogue River (016)	Trail Creek (019)	Upper Applegate (020)	Upper Rogue (021)	West Fork Cow Creek (022)	Wilderness (050)
4	Bats: keep firefighting personnel out of caves and mines. To the extent possible, protect overstory and understory. Limit ground disturbance in the site area.		x	x	x		x		x			x	x		x	x		x
5	Protect snags and large downed wood to the extent possible in all fire management activities.		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	<i>Monadenia chaceana</i> , <i>Vespericola sierrianus</i> , Siskiyou Mountains Salamander: ground disturbance from digging, driving of machinery, or severe sub-surface heating from fire should be avoided.		x	x			x		x		x	x	x		x	x		
7	Siskiyou Wilderness: Peregrine Falcon: minimize human activity, blasting, aircraft within 0.5 air miles of known nest sites.		x															x
	Fisheries and Hydrology																	
8	Leave adequate water (1/2 the pond volume unless directed otherwise by Resource Advisor) in ponds to protect aquatic wildlife. When pumping/drafting from streams, leave at least 1/2 of the original stream flow below pumping sites.		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9	Streams, rivers, creeks, ponds, marshy areas, etc.: minimize ground disturbance; minimize surface water contamination by aerially delivered suppression chemicals; keep chemical mixing tanks at least 150 feet from streams & wetlands; minimize impacts due to drafting water; avoid mechanized equipment in areas of flowing/standing water; minimize removal of canopy cover (trees, bushes, etc.).		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	Coho salmon: avoid use of dozers within 300 feet of river/stream. Includes areas designated as "Key Watersheds" by the Northwest Forest Plan.	x		x	x	x	x	x	x		x	x	x	x	x	x	x	

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11	Minimize the spread of invasive aquatic organisms and diseases when acquiring water from multiple sources.		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	Where practical, minimize the construction of dams to create water sources in known critical habitat streams.		x	x	x	x	x	x	x		x	x	x	x	x	x	x	
13	Whenever possible, let fire back slowly into riparian areas rather than burning out from stream edge.		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14	Monitor the amount of water taken from Reeder Reservoir and report to City of Ashland.	x		x														
15	Grassy Knob Wilderness: Coho salmon: avoid use of dozers within 300 feet of river/stream. Dry Creek designated as a Key Watershed.	x																x
16	Grassy Knob Wilderness: Where practical, minimize the construction of dams to create water sources in known critical habitat streams.		x															x
17	Kalmiopsis Wilderness: Coho salmon: avoid use of dozers within 300 feet of river/stream.	x																x
18	Kalmiopsis Wilderness: Where practical, minimize the construction of dams to create water sources in known critical habitat streams.		x															x
19	Wild Rogue Wilderness: Coho salmon: avoid use of dozers within 300 feet of river/stream.	x																x
20	Wild Rogue Wilderness: Where practical, minimize the construction of dams to create water sources in known critical habitat streams.		x															x

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21	Red Buttes Wilderness: Coho salmon: avoid use of dozers within 300 feet of river/stream. Taylor Creek designated as a Key Watershed.	x																x
22	Red Buttes Wilderness: Where practical, minimize the construction of dams to create water sources in known critical habitat streams.		x															x
23	All things being equal, Key Watersheds should be a higher protection priority than non-anadromous watersheds.		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x
24	Copper-Salmon Wilderness: Coho salmon: avoid use of dozers within 300 feet of river/stream.	x																x
25	Copper-Salmon Wilderness: Where practical, minimize the construction of dams to create water sources in known critical habitat streams.		x															x
	Cooperating Fire Agencies																	
26	Coordinate fire management strategies and tactics with cooperating agencies when lands within their jurisdiction are involved or threatened. Structural firefighting is the responsibility of local governments.	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
27	WUI: coordinate suppression response with cooperating agencies (state, local fire department).	x		x	x	x	x	x	x	x	x	x	x	x	x	x		
28	WUI: consider use of fire prevention/education team.		x	x		x			x			x	x		x			
	Botany																	
29	No use of dozers in meadows unless absolutely necessary.	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

Southwest Oregon Interagency Fire Management Plan – 2013

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30	Avoid where possible noxious weed locations when choosing routes for dozer or hand lines.		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
31	Minimize ground disturbance from suppression actions within Research Natural Areas and Botanical Areas.		x	x	x	x	x	x	x			x	x			x		
32	Minimize ground disturbance from ground based suppression actions within areas of sensitive plants.		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
33	Noxious weeds & Pathogens: wash vehicles and equipment to reduce spread.	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	
34	Sky Lake Wilderness: Minimize ground disturbance from suppression actions within Research Natural Area.		x															x
35	Kalmiopsis Wilderness: Minimize ground disturbance from suppression actions within Botanical Area.		x															x
36	<i>Fritillaria ganeterii</i> (Gantner's Fritillary), <i>Arabis Macdonaldinia</i> (McDonald's Rockcress) - Endangered plants: protect from ground disturbing suppression actions.	x			x				x			x						
37	LTEP Sites: 1) aggressively suppress fires that threaten the sites; 2) no retardant use in sites; 3) do not construct fireline through sites; 4) if fire gets established in one block, let the entire block burn; 5) contact Bernard Bormann of the PNW Research Station for fires that occur in these sites.	x											x					
	Cultural Resources																	
38	Collecting artifacts from public lands is illegal. Notify Forest archaeologist of location when items are found.	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
39	Avoid ground disturbance in known cultural resource sites.	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

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40	Protect where possible: Barklow Mt., Huckleberry Knoll Cemetery and Thompson Flat Mine as commensurate with values at risk and firefighter safety.		x					x										
41	Protect where possible: Store Gulch Guard Station, Pearsoll Peak Lookout, Gold Blanket Mine, and Cedar Guard Station as commensurate with values at risk and firefighter safety.		x						x									
42	Kalmiopsis Wilderness: Protect where possible: Uncle Sam Mine and Pine Flat Camp as commensurate with values at risk and firefighter safety.		x															x
43	Protect where possible: Big Elk Guard Station and Short Creek Prairie Cabin as commensurate with values at risk and firefighter safety.		x								x							
44	Protect where possible: Buckeye Mine as commensurate with values at risk and public safety.		x									x						
45	Red Buttes Wilderness: Protect where possible: Toolhouse Shelter, Sucker Creek Shelter, and Mohawk Mine as commensurate with values at risk and firefighter safety.		x															x
46	Protect where possible: Whitten Prairie, Wildhorse Lookout, Nancy Cabin, and Signal Buttes area as commensurate with values at risk and firefighter safety.		x										x					
47	Sky Lakes Wilderness: Protect where possible: Judge Waldos Tree near Island Lake in the Sky Lake Basin, Honeymoon Cabin, and Solace Cabin as commensurate with values at risk and firefighter safety.		x															x

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48	Protect where possible: Big Foot Trap, Cook and Green Guard Stations, China Walls Mining site, Dutchman Peak Lookout, Squaw Peak Lookout, Kendall Cabin, Grayback Snow Shelter, Perks Pasture Guard Station, Harlow Cabin, Star Ranger Station Barn, and Wrangle Snow Shelter as commensurate with values at risk and firefighter safety.		x												x			
49	Protect where possible: Herschberger Mt. Lookout, Long Prairie Camp, and Mount Stella Lookout, Whaleback Snow Survey Cabin, Bessie Trail Shelter, and Imnaha Guard Station as commensurate with values at risk and firefighter safety.		x													x		
50	Protect where possible: Camp Chicago and Bell Echo Camp as commensurate with values at risk and firefighter safety.		x														x	
51	Wild Rogue Wilderness: Protect where possible: Marial Lodge and Illahe settlement site as commensurate with values at risk and firefighter safety.		x															x
52	Protect where possible: Wheeler Ridge Bombing Site (Japanese Incendiary Device) as commensurate with values at risk and firefighter safety.		x			x												
53	Protect where possible: Ferris Ford Cedar Bark House as commensurate with values at risk and firefighter safety		x		x													
	Safety																	
54	Human, firefighter, and public safety are the highest priority and will be considered when determining all strategies and tactics. Sound risk management practices will be used at all times.	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

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	Oregon Caves National Monument																	
55	Utilizing unplanned fires to obtain resource benefit is not authorized within Oregon Caves National Monument.	x							x									
56	Oregon Caves National Monument: Minimize ground disturbing activities; heavy equipment, retardant use, and helicopter bucket work require Superintendent approval. Stay clear of caves and mines.	x							x									
57	Notify Oregon Caves National Monument of any fires threatening Monument lands or access to the Monument.	x							x									
	Recreation																	
58	Wild Rogue Wilderness: River closure for public safety will be coordinated with the Bureau of Land Management.	x																x
59	Ashland Ski Area: notify Ski Area Management if improvements are threatened.	x		x														
60	Fires threatening ski area improvements will be aggressively suppressed.		x	x														
61	Designated Scenic Byways: 1) suppression tactics should minimize physical disturbance; 2) use of water is preferred over fireline construction in the foreground and middleground.	x			x											x		

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Pathogens																		
62	Port Orford Cedar Root Rot Disease (POC) and Sudden Oak Death (SOD): treat all water with 1 gallon of Clorox Regular Bleach to 1000 gallons of water, avoid chlorine treated water entering streams or wetlands.	x			x	x	x						x				x	
63	Wild Rogue Wilderness: Port Orford Cedar Root Rot Disease (POC) and Sudden Oak Death (SOD): treat all water with 1 gallon of Clorox Regular Bleach to 1000 gallons of water, avoid chlorine treated water entering streams or wetlands.	x																x
64	Kalmiopsis Wilderness: Port Orford Cedar Root Rot Disease (POC) and Sudden Oak Death (SOD): treat all water with 1 gallon of Clorox Regular Bleach to 1000 gallons of water, avoid chlorine treated water entering streams or wetlands.	x																x
Timber Management Areas																		
65	Aggressively suppress all fires in areas of sold timber sales.	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	
66	Matrix lands: actively suppress fires with high probability of stand replacement potential.		x	x	x		x	x	x	x	x	x	x	x	x	x		
Soils																		
67	Soils: when constructing dozer line, create an effective fireline with the minimum amount of disturbance possible.	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

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	Special Approvals																	
68	Consider use of fugitive retardant.		x															x
	Improvements																	
69	Elk River Fish Hatchery: Notify hatchery management; fires threatening improvements will be actively suppressed.	x						x										
70	Protect where possible: Forest Service recreational site improvements, trail heads, day use facilities, campgrounds, administrative sites, lookouts, recreation rentals, interpretive sites, communications sites, and RAWS stations as commensurate with the values at risk and firefighter safety.		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
71	Talent Irrigation Ditch: notify Talent Irrigation District. Avoid fireline construction that would damage canal structure.	x									x							
72	Big Buttes Springs Watershed: notify Medford Water Commission.	x														x		
73	Avoid fiber optic lines and other buried utility locations when using heavy equipment.	x			x												x	
74	Privately owned values at risk: Union Creek Resort and summer homes and Baptist Camp.		x													x		
75	Privately owned values at risk: Fish Lake Resort and summer homes, Camp Latgawa, and buried fiber optic cable in T36S R3E Sec. 33.		x								x							
76	Fish Lake Dam: notify Bureau of Reclamation. Avoid constructing fireline that will damage the surface of the dam (sides or top).	x									x							

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77	Applegate Lake Dam: notify Army Corps of Engineers if fire has potential to threaten access to dam facilities.	x													x			