

Columbia Cascade Fire Danger Operating Plan

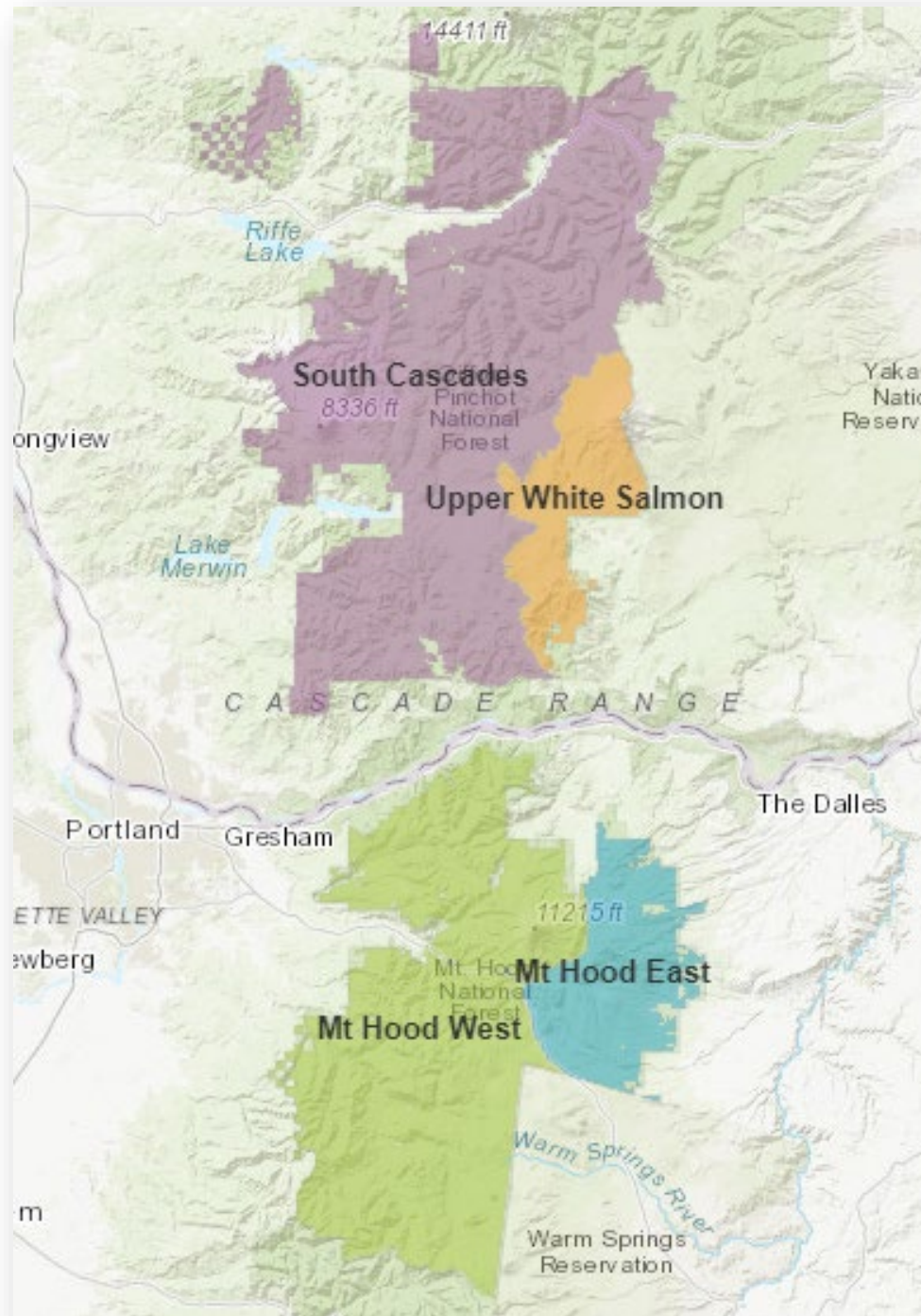


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Fire Danger Operating Plan

Introduction

Purpose

The public, industry, and our own agency personnel expect the wildland fire management agencies to implement appropriate and timely decisions which ultimately result in safe, efficient, and effective wildland fire management actions. This plan is intended to document a decision-making process for agency administrators, fire program managers, fire operations specialists, dispatchers, agency cooperators, and firefighters by establishing planning and response levels using the best available scientific methods and historical weather/fire data. An appropriate level of preparedness to meet wildland fire management objectives is based upon an assessment of vegetation, climate, and topography utilizing the National Fire Danger Rating System (NFDRS). This plan provides a science-based “tool” for fire managers to incorporate a measure of risk associated with decisions which have the potential to significantly compromise safety and control of wildland fires.

Operating Plan Objectives

1. Provide a tool for agency administrators, fire managers, dispatchers, and firefighters to correlate fire danger ratings with appropriate fire business decisions in fire danger planning area.
2. Delineate fire danger rating areas (FDRAs) in fire danger planning area with similar climate, vegetation, and topography.
3. Establish a fire weather-monitoring network consisting of Remote Automated Weather Stations (RAWS) which comply with NFDRS Weather Station Standards (PMS 426-3).
4. Determine climatological breakpoints and fire business thresholds using the Weather Information Management System (WIMS), National Fire Danger Rating System (NFDRS), FireFamilyPlus software to analyze and summarize an integrated database of historical fire weather and fire occurrence data.
5. Define roles and responsibilities to make fire preparedness decisions, manage weather information, and brief fire suppression personnel regarding current and potential fire danger.
6. Determine the most effective communication methods for fire managers to communicate potential fire danger to cooperating agencies, industry, and the public.
7. Provide guidance to personnel outlining specific daily actions and considerations at each preparedness level.
8. Identify seasonal risk analysis criteria and establish general fire severity thresholds.
9. Identify the development and distribution of fire danger pocket cards to all personnel involved with fire suppression within the fire danger planning area.
10. Identify program needs and suggest improvements for implementation of the Fire Danger Operating Plan.

IMPORTANT NOTE: This plan deviates from other template in that analysis is documented by each individual Fire Danger Rating Area in Appendix A. This was done to allow fire managers an easier method to reference data specific to each FDRA. As such, the first sections of the plan are broad and primarily include definitions, explanation of subordinate plans (Staffing Plan, Response Plan, etc) and analysis methodology.

Policy and Guidance

Policy and guidance regarding the development of Fire Danger Operating Plans can be found in the Interagency Standards for Fire & Aviation Operations (Red Book). Agency-specific direction can be found in U.S. Forest Service – Manual 5120 - Fire Management – Preparedness

Policy and guidance require numerous unit plans and guides in order to meet preparedness objectives. Some of these plans and guides are inter-related; some plans and guides provide the basis for other plans/guides.



Figure 1. Plan relationships

This Fire Danger Operating Plan (FDOP) guides the application of information from decision support tools (such as NFDRS) at the local level. This FDOP documents the establishment and management of a fire weather station network and describes how fire danger ratings will be applied to local unit fire management decisions. The actual implementation is described in the supplemental action plans.

Preparedness

Preparedness Plan

Preparedness plans provide management direction given identified levels of burning conditions, fire activity, and resource commitment, and are required at national, state/regional, and local levels. Preparedness Levels (1-5) are determined by incremental measures of burning conditions, fire activity, and resource commitment. Fire danger rating is a critical measure of burning conditions. The Preparedness Levels are identified and documented in the Columbia Cascade Fire Danger Operating Plan; the associated decisions and planned actions are located in Appendix C.

Preparedness Level

The Preparedness Level is a five-tier (1-5) fire danger rating decision tool that is based on NFDRS output(s) and other indicators of fire business (such as projected levels of resource commitment). Preparedness Levels will assist fire managers with more long-term (seasonal) decisions with respect to fire danger.

Staffing Plan

The Staffing Plan describes escalating staffing for each Zone based on increasing Energy Release Component (ERC). Mitigating actions are designed to enhance the unit's fire management capability during periods where normal staffing cannot meet initial attack, prevention, or detection needs. The

decision points are identified and documented in the Columbia Cascade Fire Danger Operating Plan; the associated decisions and planned actions are located in Appendix B.

Staffing Levels

Staffing Levels will be used to make daily internal fire preparedness and operational decision. At the Forest level, the staffing level can form a basis for decisions regarding the “degree of readiness” for initial attack resources and support resources. Staffing Levels will generally be set twice per week during Fire Leadership and Staffing calls. Each Zone will staff to the Forest Staffing Level which is determined by the highest Staffing Level across any Fire Danger Rating Area (FDRA) on that Forest.

Fire Danger Adjective Rating

In 1974, the Forest Service, Bureau of Land Management and State Forestry organizations established five standard Adjective Fire Danger Rating Levels descriptions for public information and signing.

As with Staffing Level, the Adjective Fire Danger Rating Level will be set twice per week during Fire Leadership and Staffing calls. Unlike Staffing Level, Adjective Fire Danger Rating Level may differ across a Forest.

Prevention Plan

Prevention plans document the wildland fire problems identified by a prevention analysis. This analysis will not only examine human-caused fires, but also the risks, hazards, and values for the planning unit. Components of the plan include mitigation (actions initiated to reduce impacts of wildland fire to communities), prevention (of unwanted human-caused fires), education (facilitating and promoting awareness and understanding of wildland fire), enforcement (actions necessary to establish and carry out regulations, restrictions, and closures), and administration of the prevention program. The analysis of fire problems and associated target groups in the Columbia Cascade are documented in this Fire Danger Operating Plan; the associated decisions and planned actions are located in Appendix E.

Restriction Plan

A Restriction Plan is a document that outlines coordination efforts regarding fire restrictions and closures. It provides an approach for initiating restrictions or closures helps provide consistency among the land management partners, while defining the restriction boundaries so they are easily distinguishable to the public. Based on the fire danger, managers may impose fire restrictions or emergency closures to public lands. Decision points when restrictions and/or closures should be considered are identified and documented in the Columbia Cascade Fire Danger Operating Plan; the associated decisions and planned actions remain in development.

Response

Initial Response Plan

Initial response plans, also referred to as run cards or pre-planned response plans, specify the fire management response (e.g. number and type of suppression assets to dispatch) within a defined geographic area to an unplanned ignition, based on fire weather, fuel conditions, fire management objectives, and resource availability. Response levels are identified and documented in the Columbia Cascade Fire Danger Operating Plan. The number and type of suppression resources dispatched to a reported fire is documented in the associated initial Dispatch / Response Plan (Appendix D).

Response Level

Response Levels are pre-planned actions which identify the number and type of resources (engines, crews, aircraft, etc.) initially dispatched to a reported wildland fire based upon fire danger criteria.

Local Mobilization Plan

The Columbia Cascade Communication Center Mobilization Plan identifies standard procedures, which guide the operations of multi-agency logistical support activity throughout the coordination system. The Mobilization Plan is intended to facilitate dispatch coordination, ensuring the timeliest and most cost-effective incident support services available are provided. Communication between Units, GACCs, State, Regional Offices and other cooperative agencies are addressed.

Fire Danger Planning Area Inventory

Administrative Units

This plan serves two Forest Service units, the Gifford Pinchot and Mt Hood National Forests. Fire management at the Forest level is shared between the two Forests. Fire management at the District level is zoned.

Zone fire management on the Gifford Pinchot is broken into two zones: The North Zone which encompasses the Cowlitz Valley Ranger District. The South Zone encompasses Mt Adams Ranger District and Mt St. Helens National Volcanic Monument.



Figure 2. GPF Ranger Districts

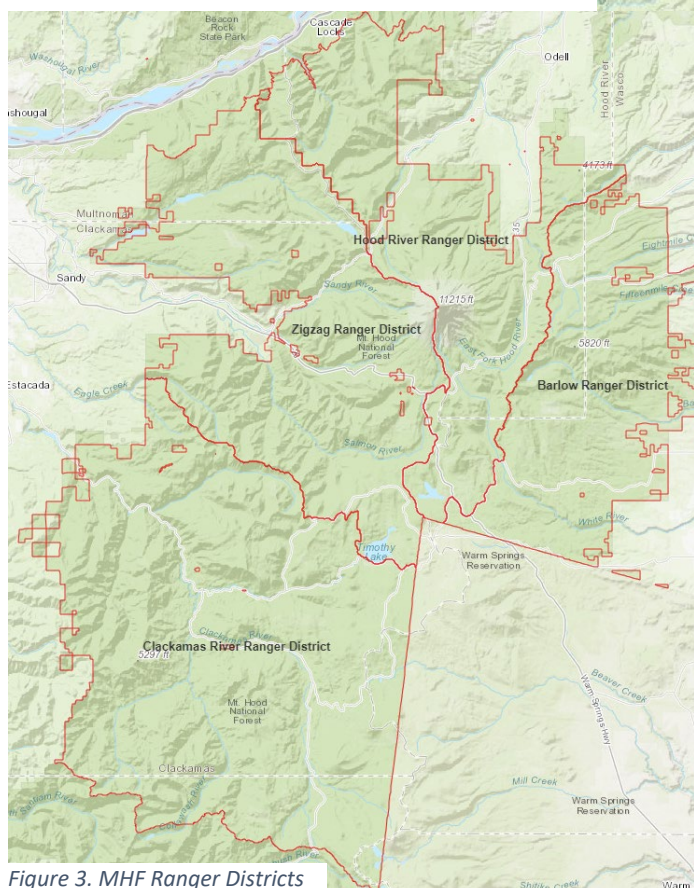


Figure 3. MHF Ranger Districts

Zone fire management on the Mt Hood is also broken into two zones: The East Zone which encompasses the Barlow and Hood River Ranger Districts. The West Zone encompasses the Clackamas River and Zigzag Ranger Districts.

Both Forests and all Zones are served by the Columbia Cascade Communication Center.

Weather Stations

All Remote Automated Weather Stations (RAWS) comply with the National Wildfire Coordinating Group (NWCG) weather station standards (<https://www.nwcg.gov/sites/default/files/publications/pms426-3.pdf>). Each RAWS receives, at a minimum, one annual on-site maintenance visit by either the local user or contracted personnel to ensure sensors are within calibration standards and verify site and station conditions.

Table 1. Weather Station Inventory

UNIT	Station ID	Name	Analysis Years	Analysis Time of Year	NFDRS fuel model	Slope Class	Climate Class
GPF	451115	HAGER	2004-2018	July 1-Sept 30	G	3	3
	451919	ORRCR	2004-2018	July 1-Sept 30	G	3	3
	451921	CANCRK	2004-2018	July 1-Sept 30	G	3	3
	451924	DRYCR	2004-2018	July 1-Sept 30	G	3	3
	451917	BUCK CREEK	2010-2018	July 1-Sept 30	G	1	3
ODF	350812	MIDDLE MTN	2003-2017	June 15-Oct 15	G	2	2
MHF	350913	WAMIC	2003-2017	June 15-Oct 15	G	2	2
	350718	REDBOX	2003-2017	July 1-Sept 30	K	3	3
	350726	WANDERERS PEAK	2003-2017	July 1-Sept 30	K	3	3
WIF	351909	BOULDER	2003-2017	July 1-Sept 30	K	3	3

Fire Danger Rating Areas

A Fire Danger Rating Area (FDRA) is defined as a large geographic area relatively homogenous with respect to climate, vegetation and topography. Because of these similarities, it can be assumed that the fire danger within a FDRA is relatively uniform. Fire Danger Rating Areas were delineated based upon an analysis of these three factors: climate (blue) vegetation (green), and topography (brown). After these environmental factors were considered, the draft FDRAs were edge-matched to

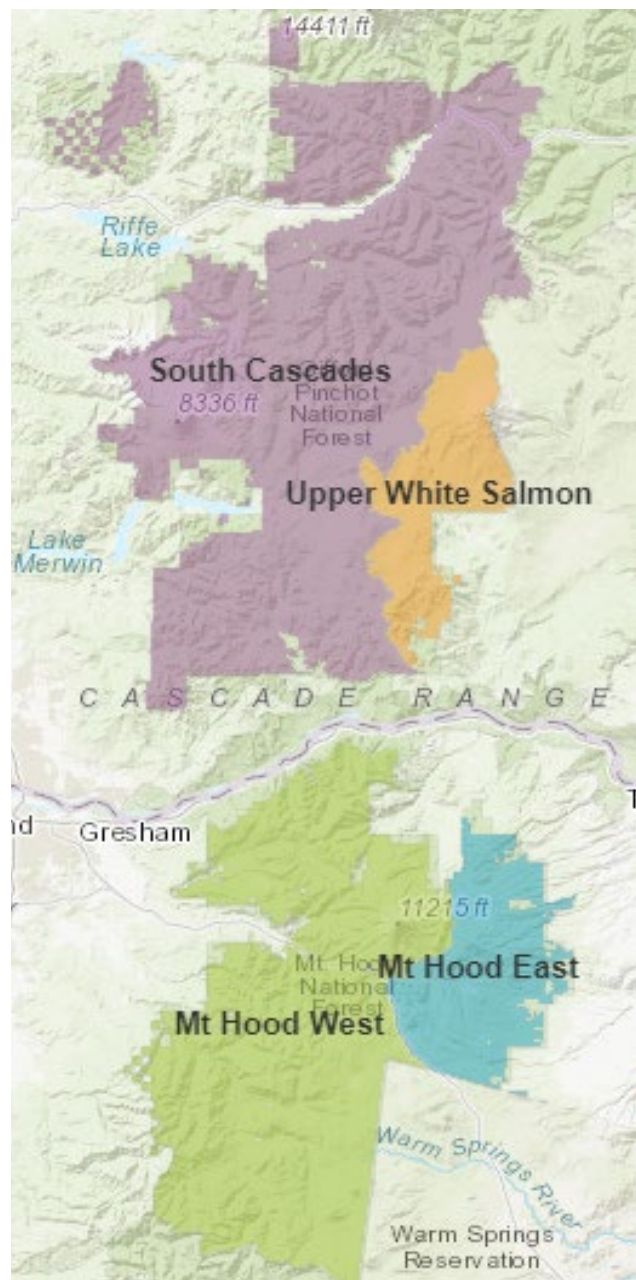


Figure 5. Final Fire Danger Rating Areas

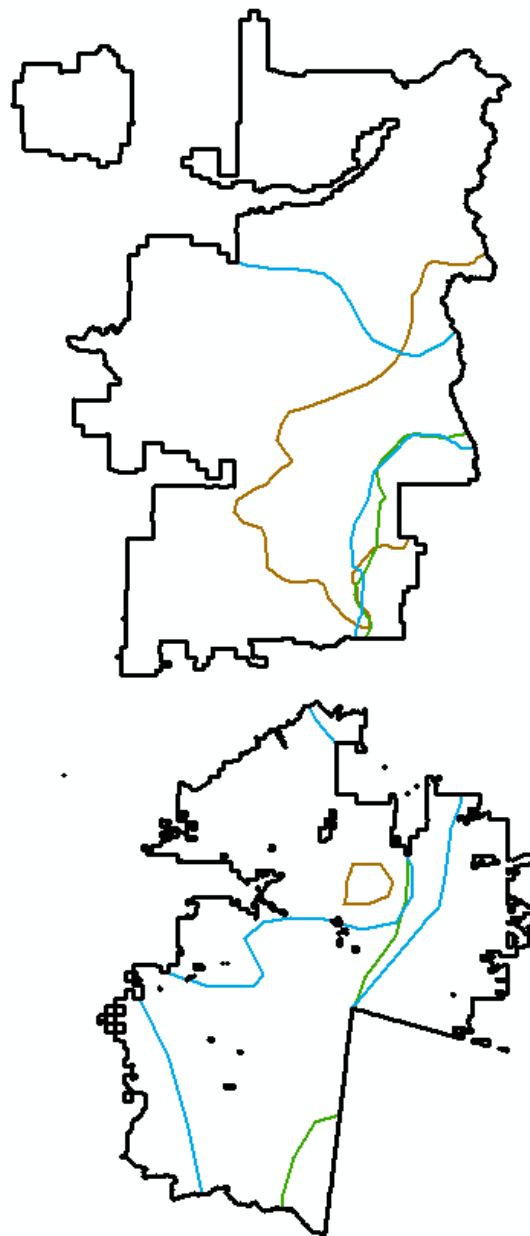


Figure 4. FDRA Delineations: climate(blue), vegetation(green), and topography(brown)

existing features. It is important that existing Response Areas are not split by FDRAs; a Response Area must not have two FDRAs to avoid additional workload and confusion for operational personnel. FDRAs on the Gifford Pinchot are South Cascades and Upper White Salmon. FDRAs on the Mt Hood are Mt Hood West and Mt Hood East.

Fire Danger Decision Analysis

Decision points can be based upon either:

- Climatological Breakpoints, or
- Fire Business Thresholds.

This Fire Danger Operating Plan will be used to support preparedness, staffing and response decisions which are made at specific decision points. A “decision point” is a point along the range of possible output values where a decision shifts from one choice to another. When the combination of events and conditions signal that it is time to do something different, a “decision point” has been identified for each Fire Danger Rating Level within each Fire Danger Rating Area.

A. CLIMATOLOGICAL ANALYSIS

Climatological breakpoints are points on the cumulative distribution curve of one fire weather/danger index computed from climatology (weather) without regard for associated fire occurrence/business. For example, the value at the 90th percentile ERC is the climatological breakpoint at which only 10 percent of the ERC values are greater in value.

It is equally important to identify the period or range of data analysis used to determine the agency percentiles. The percentile values for the calendar year (Jan – Dec) will be different from the percentile values for the fire season (Jun – Sept). Each agency will have specific (and perhaps different) direction for use of climatological percentiles.

The decision thresholds identified in this Fire Danger Operating Plan are based upon the statistical correlation of historical fire occurrence and weather data and, therefore, do not utilize climatological (percentiles) for decision points.

B. FIRE BUSINESS ANALYSIS

In order to apply a fire danger system which will assist managers with fire management decisions, ignition problems should be identified, quantified, framed, and associated with a target group to determine the most appropriate fire danger-based decision “tool” to mitigate any given issue.

The Mt Hood East, Mt Hood West, and South Cascades FDRAs utilize fire business analysis. Climatological analysis was used on in the Upper White Salmon FDRA due to limited fire data and weather data.

The following table provides a summary of the planning area’s ignition problems and concerns. In addition, each problem is associated with a specific target group whose activities can be influenced through effective communication and implementation of specific control measures. This table is also available as it applies to each FDRA in Appendix A.

Table 2. Problem fire ignitions

Statistical Cause	Problem Definition	Degree of Control	General Target Group	Specific Target Group	Communication Method	Agency Action
0-Nonstatistical	Units respond to high number of non-statistical campfires in developed and undeveloped recreation sites. This results in need for increased staffing and uncaptured workload.	Low	Public	Overnight campers	Prevention messaging through signs, social media, and press releases. Word of mouth communication through patrolling. Public use restrictions to limit ignitions.	Review policy definition of statistical fire. Track non-statistical fires. Increase patrolling to update signs, create presence and increase communication, and issue violation notices. Increase Adjective Rating. Update website and social media platforms. Coordinate with Public Affairs and LEI. Adjust preparedness, staffing, and response levels and follow these plans.
1-Lightning	Multiple lightning ignitions that exceed IA resource capabilities. Suppression resources committed to multiple IA fires.	Low	Agency	Fire	Additional calls between fire managers (Fire Staff, FMOs, and Dispatch). Monitor weather forecasts.	Monitor weather forecasts and communicate with NWS as needed. Hold additional conference calls with fire managers to discuss staffing and logistical needs. Adjust preparedness, staffing, and response levels and follow these plans.
2-Equipement Use	Ignitions caused by equipment use, including: timber, firewood cutting, engineering operations, and other project or maintenance work.	High	All	Agency/Industry	Website, IFPL phone line, email and personal contacts. Weekly staffing call.	Determine IFPL during weekly staffing call. When changes are warranted, update websites, email Forest and cooperators, make contact impacted resource areas. Change message on IFPL phoneline.
3-Smoking	Fires due to smoking during berry picking season on GPF.	Low	Public	Berry Pickers	Prevention messaging through signs and patrolling.	Adjust preparedness, staffing, and response levels. Update and check prevention signs in berry field areas. Conduct patrols to increase awareness of problem.

Statistical Cause	Problem Definition	Degree of Control	General Target Group	Specific Target Group	Communication Method	Agency Action
4-Campfire	Units respond to high number of statistical campfires in developed and undeveloped recreation sites. This results in need for increased staffing due to workload and threat.	Low	Public	Overnight campers	Prevention messaging through signs, social media, and press releases. Word of mouth communication through patrolling. Public use restrictions to limit ignitions.	Increase patrolling to update signs, create presence and increase communication, and issue violation notices. Increase Adjective Rating. Update website and social media platforms. Coordinate with Public Affairs and LEI. Adjust preparedness, staffing, and response levels and follow these plans.

Appendix A- Fire Danger Rating Area Analysis

South Cascades (SOCA)

Description

General Location: SW WA/West of Cascade Crest/Westside Gifford Pinchot NF

Vegetation: Fir, cedar, hemlock, brush and grasses.

Climate: Predominantly Pacific marine-type climate, with cool, dry summer and mild, wet winters influenced by air currents and frontal systems from the ocean.

Topography: Very steep terrain, active volcano, rivers, streams, lakes, meadows exist throughout.

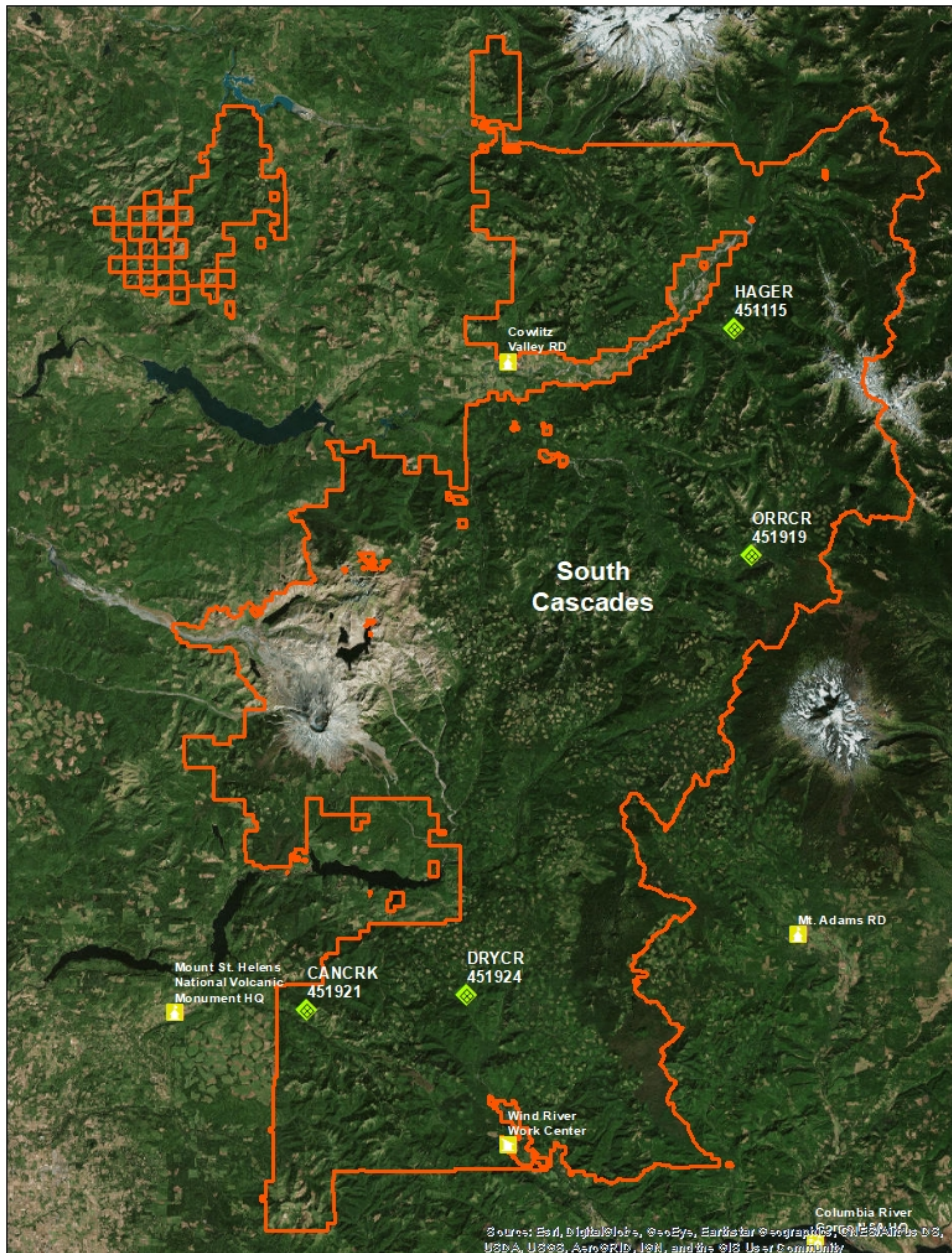


Figure 6. Map of SOCA FDRA with RAWs used for analysis.

Fire Danger Problem Analysis

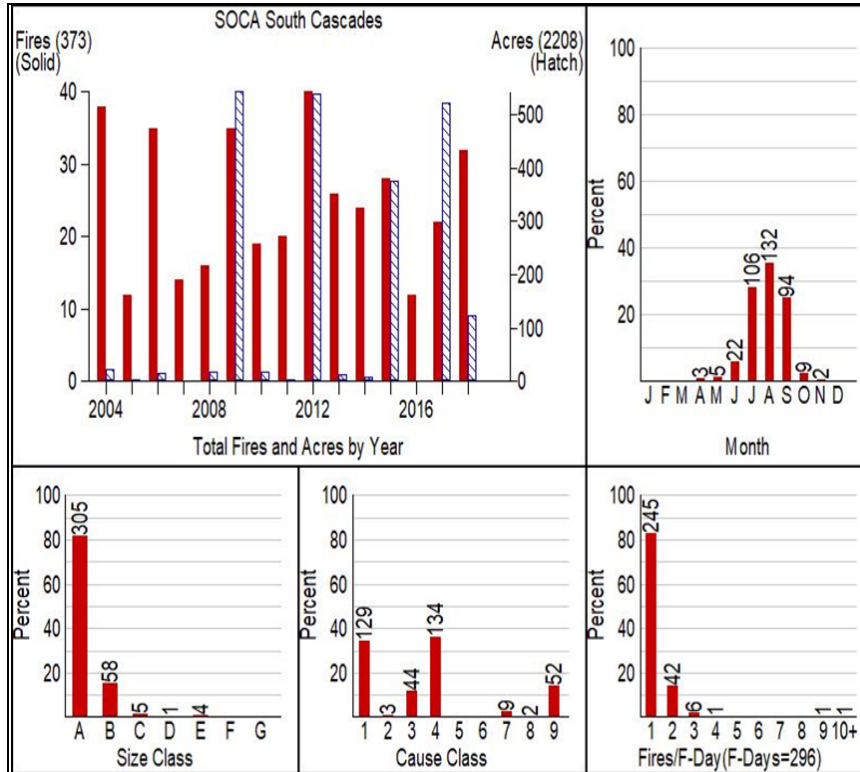


Figure 7. Fire summary graph for all months and only analysis years for SOCA

Table 3. Select fire summary graph data for SOCA FDRA.

Fire Cause Classes		Fires by Month Lightning vs Human		Fire Size Percentiles	
1	Lightning	Month	Lightning	Human	Percentile
2	Equipment	4	1	2	100
3	Smoking	5	2	3	99
4	Campfire	6	8	14	98
5	Debris	7	59	47	97
6	Railroad	8	34	98	95
7	Arson	9	24	70	90
8	Children	10	1	8	80
9	Misc.	11	0	2	72
					Acres
					523
					121
					15
					5.5
					3.0
					1.0
					.3
					.1

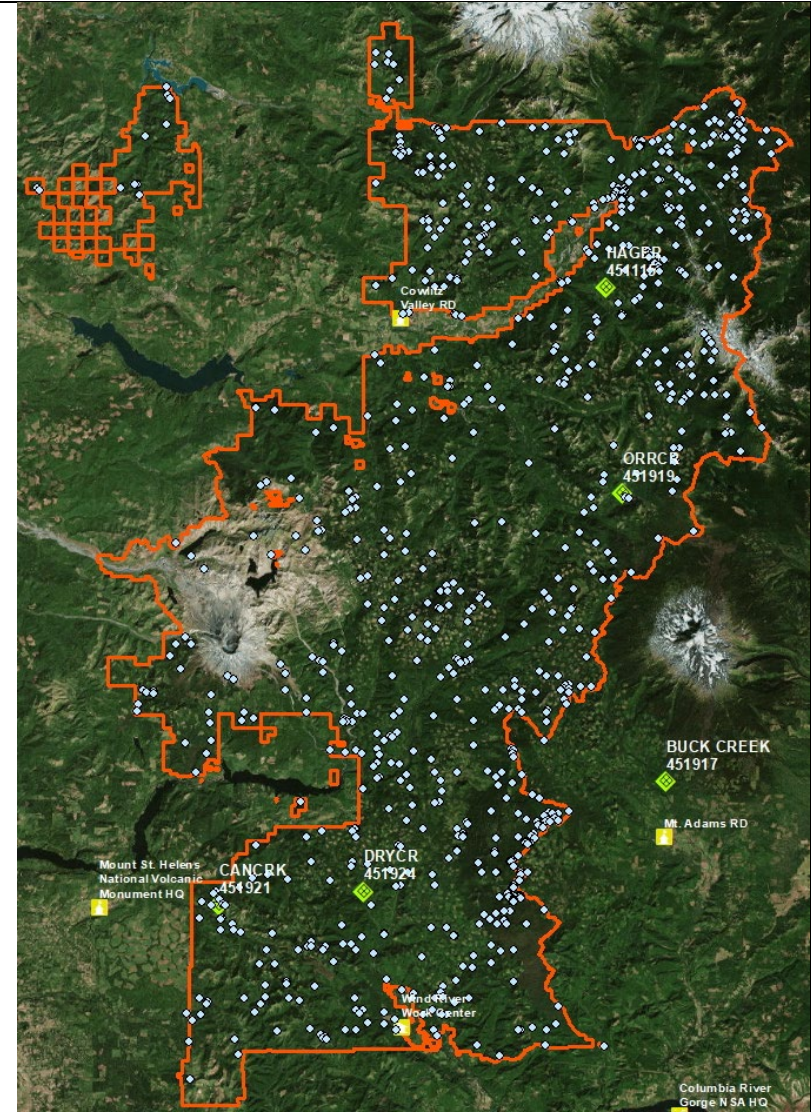


Figure 8. Map of fires used in analysis for SOCA FDRA

Season and Size determination

Table 4. Season, large fire size in acres, and multiple fire day used in analysis for SOCA FDRA.

Season	Large Fire	Multiple Fire Day
July 1st-Sept 30th	2	2

Fire Problem Analysis Table

Table 5. Fire problem analysis table for SOCA.

Statistical Cause	Problem Definition	Degree of Control	General Target Group	Specific Target Group	Communication Method	Agency Action
4-Campfire	Units respond to high number of statistical campfires in developed and undeveloped recreation sites. This results in need for increased staffing due to workload and threat.	Low	Public	Overnight campers	Prevention messaging through signs, social media, and press releases. Word of mouth communication through patrolling. Public use restrictions to limit ignitions.	Increase patrolling to update signs, create presence and increase communication, and issue violation notices. Increase Adjective Rating. Update website and social media platforms. Coordinate with Public Affairs and LEI. Adjust preparedness, staffing, and response levels and follow these plans.
0-Nonstatistical	Units respond to high number of non-statistical campfires in developed and undeveloped recreation sites. This results in need for increased staffing and uncaptured workload.	Low	Public	Overnight campers	Prevention messaging through signs, social media, and press releases. Word of mouth communication through patrolling. Public use restrictions to limit ignitions.	Review policy definition of statistical fire. Track non-statistical fires. Increase patrolling to update signs, create presence and increase communication, and issue violation notices. Increase Adjective Rating. Update website and social media platforms. Coordinate with Public Affairs and LEI. Adjust preparedness, staffing, and response levels and follow these plans.

Statistical Cause	Problem Definition	Degree of Control	General Target Group	Specific Target Group	Communication Method	Agency Action
1-Lightning	Multiple lightning ignitions that exceed IA resource capabilities. Suppression resources committed to multiple IA fires.	Low	Agency	Fire	Additional calls between fire managers (Fire Staff, FMOs, and Dispatch). Monitor weather forecasts.	Monitor weather forecasts and communicate with NWS as needed. Hold additional conference calls with fire managers to discuss staffing and logistical needs. Adjust preparedness, staffing, and response levels and follow these plans.
2-Equipment Use	Ignitions caused by equipment use, including: timber, firewood cutting, engineering operations, and other project or maintenance work.	High	All	Agency/ Industry	Website, IFPL phone line, email and personal contacts. Weekly staffing call.	Determine IFPL during weekly staffing call. When changes are warranted, update websites, email Forest and cooperators, make contact impacted resource areas. Change message on IFPL phoneline.
3-Smoking 4-Campfire	Fires do to unattended campfires and smoking during berry picking season.	Low	Public	Berry Pickers	Prevention messaging through signs and patrolling.	Adjust preparedness, staffing, and response levels. Update and check prevention signs in berry field areas. Conduct patrols to increase awareness of problem.

Fire Danger Decision Analysis

Table 6. The season, large fire, and multiple fire day as defined in the fire problem analysis for SOCA and the number of qualifying weather days, fire days, large fire days, and multiple fire days used in correlation analysis for SOCA.

Season	Large Fire	Multiple Fire Day	Number of Weather Days	Number of Fire Days	Number of Large Fire Days	Number of Multiple Fire Days
July 1st-Sept 30th	2 Acres	2	1380	258	20	48

SIG Catalogue

Table 7. Final SIG station parameters as determined through correlation analysis for SOCA.

Station ID	Name	Analysis Years	Analysis Time of Year	NFDRS fuel model	Slope Class	Climate Class	Greenup Date	Freeze Date	Herb Annual?	Station Weight
451115	HAGER	2004-2018	July 1-Sept 30	G	3	3	29-May	1-Oct	N	1

451919	ORRCR	2004-2018	July 1-Sept 30	G	3	3	13-May	1-Oct	N	1
451921	CANCRK	2004-2018	July 1-Sept 30	G	3	3	20-May	1-Oct	N	1
451924	DRYCR	2004-2018	July 1-Sept 30	G	3	3	18-May	1-Oct	N	1

Correlation Analysis Table

Table 8. Correlation values for SOCA SIG.

SIG/Station#	Variable	Model	Greenup	Freeze	FD Type	FD R ²	FD Chi ²	FD P-Val	FD P-Range	LFD	LFD R ²	LFD Chi ²	LFD P-Val	LFD P-Range	MFD	MFD R ²	MFD Chi ²	MFD P-Val	MFD P-Range
451115	ERC	7G3PE3	29-May	31-Dec	All	0.87	12.74	0.1211	0.03 - 0.62	2 (C)	0.61	10.93	0.2055	0.00 - 0.56	2 (C)	0.41	11.9	0.1555	0.04 - 0.45
451919	ERC	7G3PE3	13-May	31-Dec	All	0.99	0.63	0.9997	0.04 - 0.50	2 (C)	0.64	5.84	0.6649	0.00 - 0.35	2 (C)	0.29	8.55	0.382	0.06 - 0.33
451921	ERC	7G3PE3	20-May	31-Dec	All	0.93	7.06	0.5302	0.04 - 0.57	2 (C)	0.75	6.42	0.6007	0.00 - 0.50	2 (C)	0.43	9.1	0.3335	0.06 - 0.34
451924	ERC	7G3PE3	18-May	31-Dec	All	0.88	12.61	0.1259	0.03 - 0.48	2 (C)	0.69	6.78	0.5604	0.00 - 0.37	2 (C)	0.7	3.36	0.91	0.04 - 0.33
SIG - SOCA	ERC	7G	29-May	31-Dec	All	0.92	8.1	0.4236	0.03 - 0.59	2 (C)	0.78	4.88	0.7704	0.00 - 0.46	2 (C)	0.35	11.53	0.1734	0.04 - 0.37

Decision Points

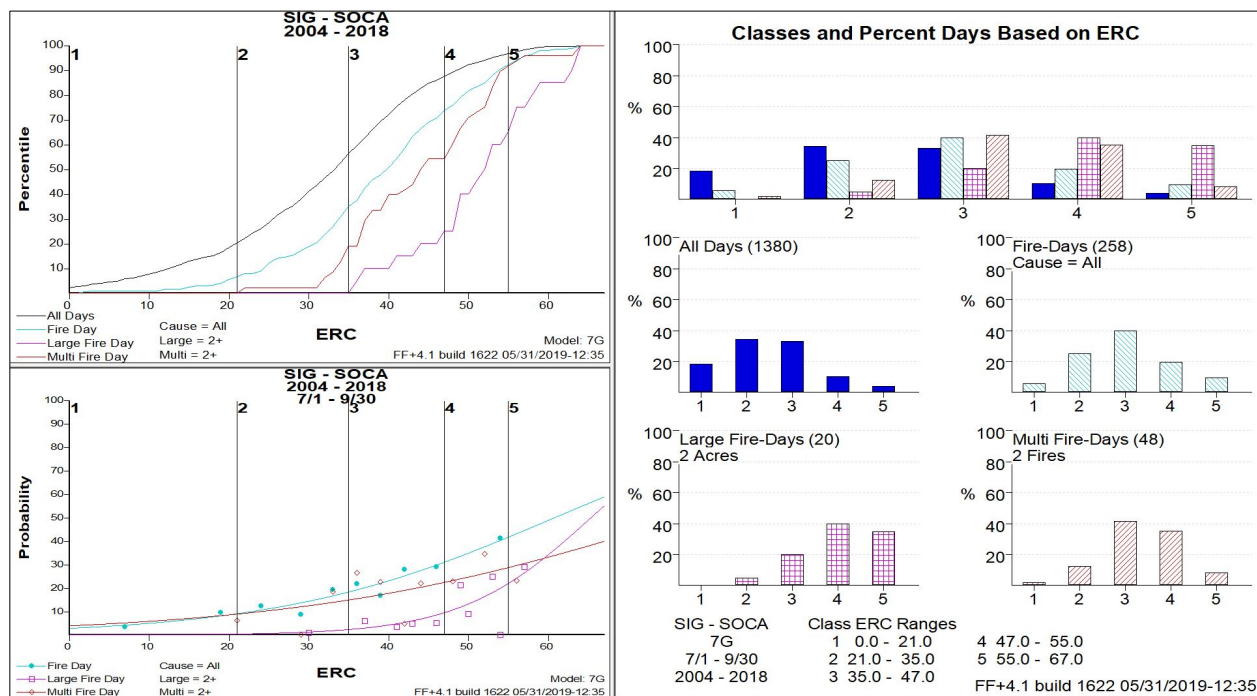


Figure 9. Breakpoints for SOCA FDRA

Table 9. For each ERC bin as Class. Number of weather days or All Days (AD) expressed as the number of days in the analysis period and proportion of analysis period. Number of fire days (FD), proportion of fire days, and proportion of all days within the given class with a fire day. Number of large fire days, proportion of large fire days, proportion of fire days with a large fire, and proportion of all days within the given class with a large fire. Number of days with multiple fires, proportion of multiple fire days, proportion of fire days, and proportion of all days within the given class with multiple fire days.

Class	ERC Range	All Days (AD)		Fire Days (FD)			Large Fire Days (LFD)				Multiple Fire Days (MFD)			
		# AD	% AD	# FD	% FD	% AD	# LFD	% LFD	% FD	% AD	# MFD	% MFD	% FD	% AD
1	0- 20	255	18	15	6	6	0	0	0	0	1	2	7	0
2	21- 34	474	34	65	25	14	1	5	2	0	6	13	9	1
3	35- 46	457	33	103	40	23	4	20	4	1	20	42	19	4
4	47- 54	140	10	51	20	36	8	40	16	6	17	35	33	12
5	55- 66	54	4	24	9	44	7	35	29	13	4	8	17	7

Staffing, Response, and Fire Danger Rating Levels

Table 10. Staffing level, response level, and adjective rating by ERC-G range for SOCA.

Adjective Rating, Staffing Levels and Response Levels for SOCA FDRA					
SOCA ERC-G	0-21	22-35	36-47	48-55	56+
Staffing Level	1	2	3	4	5
Response Level	LOW			MODERATE	HIGH
Adjective Rating	LOW		MODERATE	HIGH/VERY HIGH	EXTREME

Upper White Salmon (UPWS)

Description

General Location: SW WA/East of Cascade Crest/Eastside Gifford Pinchot NF

Vegetation: Pine, fir, lodgepole, brush and grasses with moderate dead and down debris

Climate: Somewhat warmer and drier with precipitation infrequent during summer months & adequate rainfall during the remainder of the year.

Topography: Steep slopes, rocky ridges and outcroppings, bisected by rivers & glacial run-off.

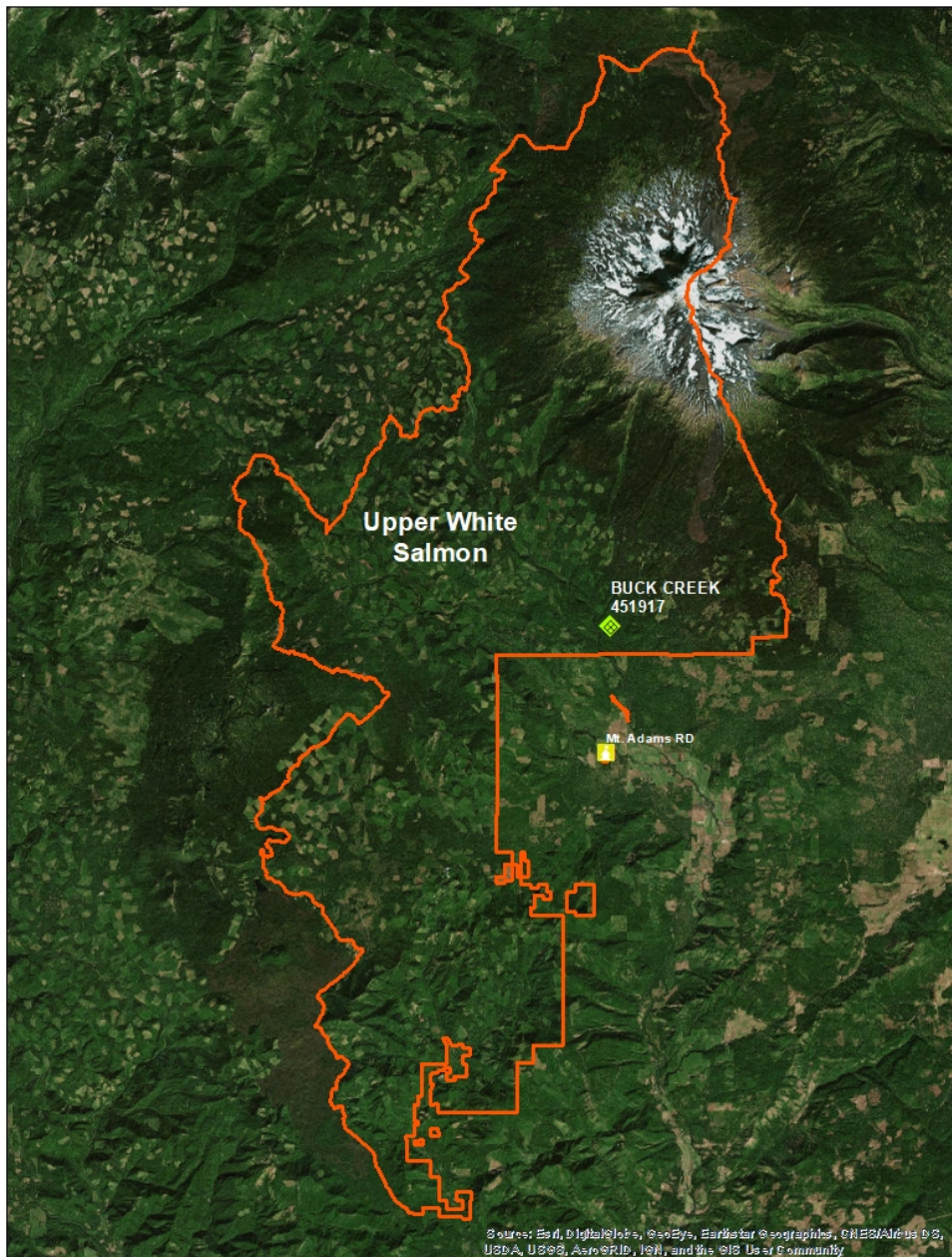


Figure 10. Map of UPWS FDRA with RAWS used for analysis.

Fire Danger Problem Analysis

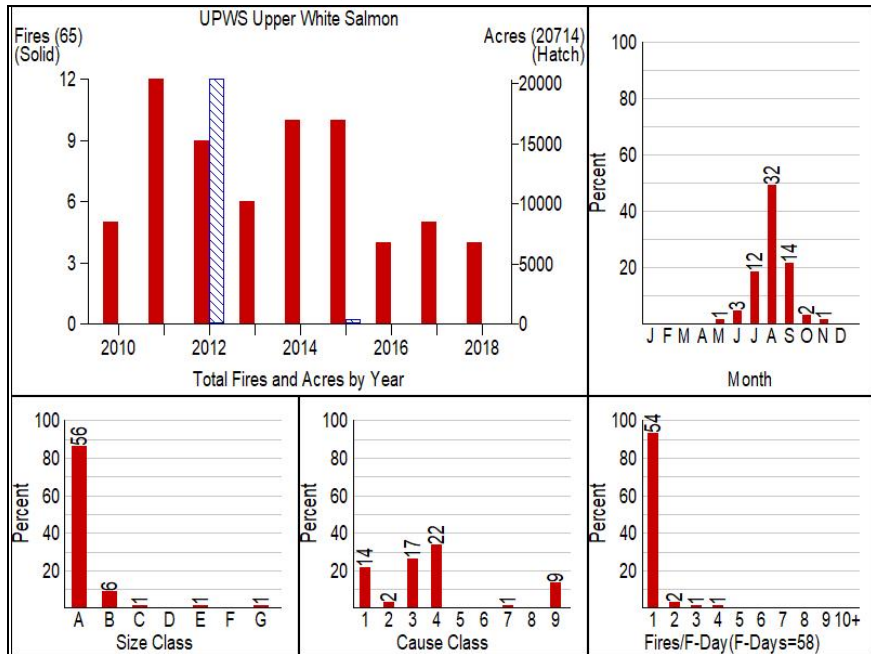


Figure 11. Fire summary graph for all months and only analysis years for UPWS

Table 11. Select fire summary graph data for UPWS FDRA.

Fire Cause Classes		Fires by Month Lightning vs Human			Fire Size Percentiles	
		Month	Lightning	Human	Percentile	Acres
1	Lightning					
2	Equipment	4	0	0	100	20296
3	Smoking	5	0	1	99	340
4	Campfire	6	0	3	98	65
5	Debris	7	4	8	97	3.3
6	Railroad	8	6	26	96	2
7	Arson	9	4	10	95	1
8	Children	10	0	2	94	.5
9	Misc.	11	0	1	88	.1

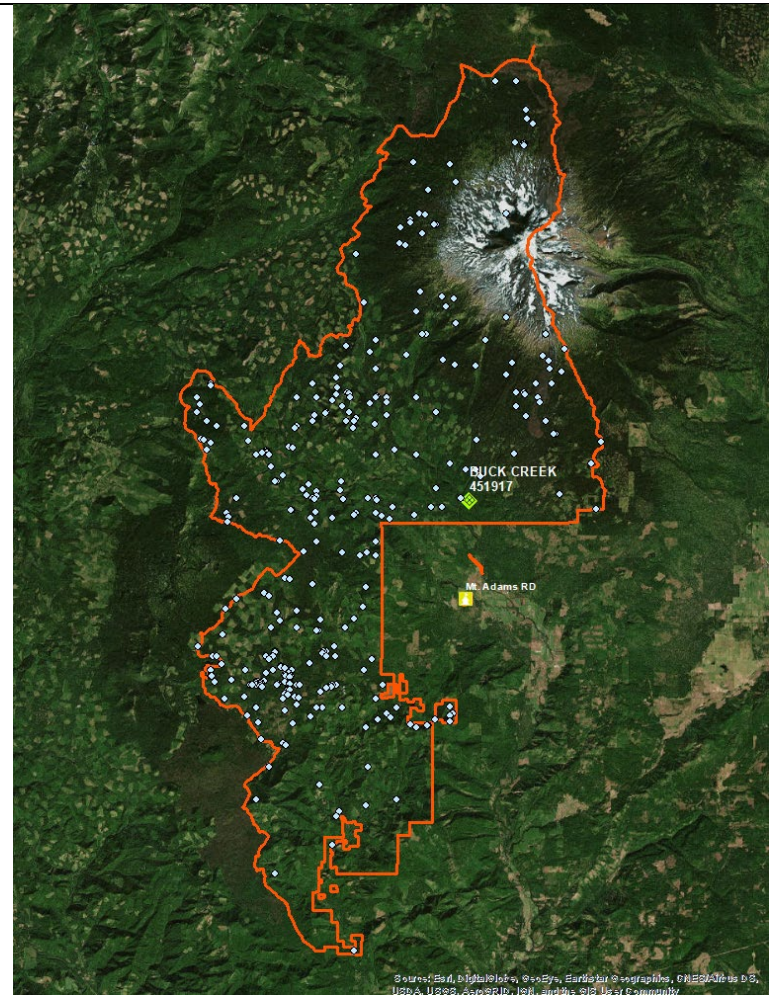


Figure 12. Map of fires used in analysis for UPWS FDRA

Season and Size determination

Table 12. Season, large fire size in acres, and multiple fire day used in analysis for UPWS FDRA.

Season	Large Fire	Multiple Fire Day
July 1st-Sept 30th	3	2

Fire Problem Analysis Table

Table 13. Fire problem analysis table for UPWS.

Statistical Cause	Problem Definition	Degree of Control	General Target Group	Specific Target Group	Communication Method	Agency Action
4-Campfire	Units respond to high number of statistical campfires in developed and undeveloped recreation sites. This results in need for increased staffing due to workload and threat.	Low	Public	Overnight campers	Prevention messaging through signs, social media, and press releases. Word of mouth communication through patrolling. Public use restrictions to limit ignitions.	Increase patrolling to update signs, create presence and increase communication, and issue violation notices. Increase Adjective Rating. Update website and social media platforms. Coordinate with Public Affairs and LEI. Adjust preparedness, staffing, and response levels and follow these plans.
0-Nonstatistical	Units respond to high number of non-statistical campfires in developed and undeveloped recreation sites. This results in need for increased staffing and uncaptured workload.	Low	Public	Overnight campers	Prevention messaging through signs, social media, and press releases. Word of mouth communication through patrolling. Public use restrictions to limit ignitions.	Review policy definition of statistical fire. Track non-statistical fires. Increase patrolling to update signs, create presence and increase communication, and issue violation notices. Increase Adjective Rating. Update website and social media platforms. Coordinate with Public Affairs and LEI. Adjust preparedness, staffing, and response levels and follow these plans.
1-Lightning	Multiple lightning ignitions that exceed IA resource capabilities. Suppression resources committed to multiple IA fires.	Low	Agency	Fire	Additional calls between fire managers (Fire Staff, FMOs, and Dispatch). Monitor weather forecasts.	Monitor weather forecasts and communicate with NWS as needed. Hold additional conference calls with fire managers to discuss staffing and logistical needs. Adjust preparedness, staffing, and response levels and follow these plans.

Statistical Cause	Problem Definition	Degree of Control	General Target Group	Specific Target Group	Communication Method	Agency Action
2-Equipment Use	Ignitions caused by equipment use, including: timber, firewood cutting, engineering operations, and other project or maintenance work.	High	All	Agency/ Industry	Website, IFPL phone line, email and personal contacts. Weekly staffing call.	Determine IFPL during weekly staffing call. When changes are warranted, update websites, email Forest and cooperators, make contact impacted resource areas. Change message on IFPL phoneline.
3-Smoking 4-Campfire	Fires do to unattended campfires and smoking during berry picking season.	Low	Public	Berry Pickers	Prevention messaging through signs and patrolling.	Adjust preparedness, staffing, and response levels. Update and check prevention signs in berry field areas. Conduct patrols to increase awareness of problem.

Fire Danger Decision Analysis

Table 14. The season, large fire, and multiple fire day as defined in the fire problem analysis for UPWS and the number of qualifying weather days, fire days, large fire days, and multiple fire days used in correlation analysis for UPWS.

Season	Large Fire	Multiple Fire Day	Number of Weather Days	Number of Fire Days	Number of Large Fire Days	Number of Multiple Fire Days
July 1st-Sept 30th	3 Acres	2	820	51	3	4

SIG Catalogue

Table 15. Final SIG station parameters as determined through correlation analysis for UPWS.

Station ID	Name	Analysis Years	Analysis Time of Year	NFDRS fuel model	Slope Class	Climate Class	Greenup Date	Freeze Date	Herb Annual?	Station Weight
451917	BUCK CREEK	2010-2018	July 1-Sept 30	G	1	3	6-May	1-Oct	N	1

Correlation Analysis Table

Table 16. Correlation values for UPWS SIG.

SIG/Station#	Variable	Model	Greenup	Freeze	FD Type	FD R^2	FD Chi^2	FD P-Val	FD P-Range	LFD	LFD R^2	LFD Chi^2	LFD P-Val	LFD P-Range	MFD	MFD R^2	MFD Chi^2	MFD P-Val	MFD P-Range
451917	ERC	7G	6-May	1-Oct	All	0.72	9.55	0.2983	0.00 - 0.21	3 (C)	0	1.15	0	0.00 - 0.20	2 (C)	0.17	1.16	0.2809	0.02 - 0.13

Decision Points

Break points graphic

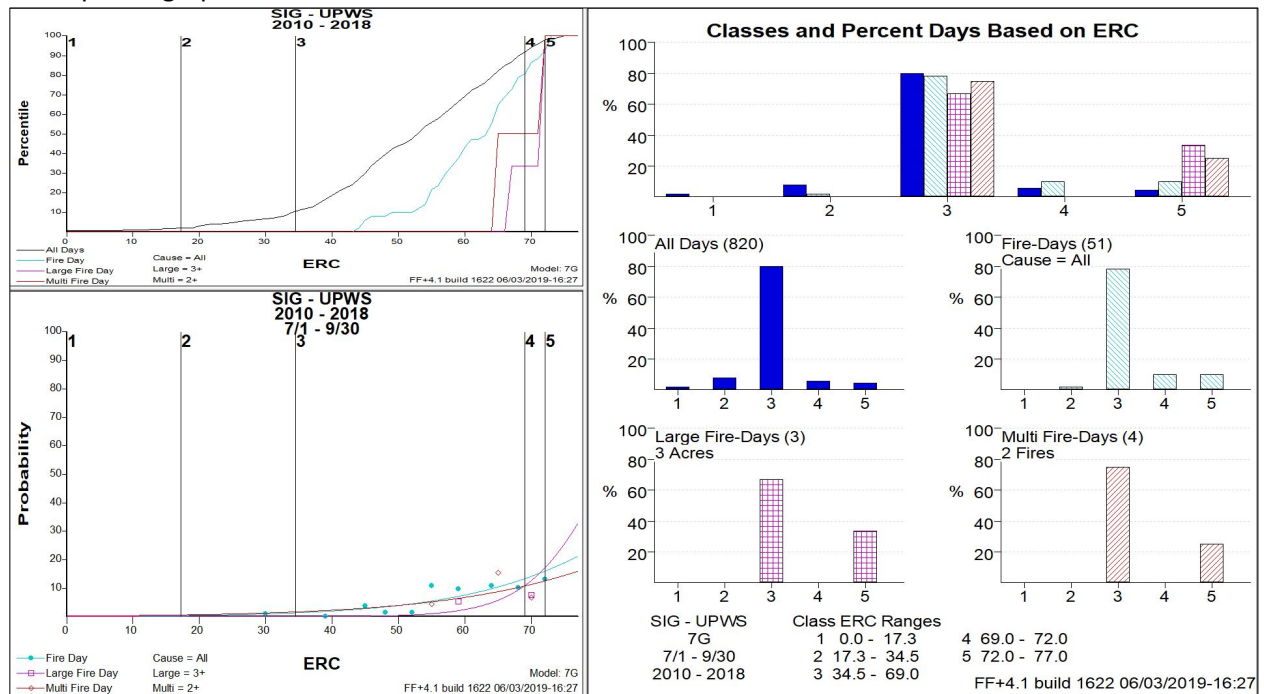


Figure 13. Breakpoints for UPSW FDRA

Table 17. For each ERC bin as Class. Number of weather days or All Days (AD) expressed as the number of days in the analysis period and proportion of analysis period. Number of fire days (FD), proportion of fire days, and proportion of all days within the given class with a fire day. Number of large fire days, proportion of large fire days, proportion of fire days with a large fire, and proportion of all days within the given class with a large fire. Number of days with multiple fires, proportion of multiple fire days, proportion of fire days, and proportion of all days within the given class with multiple fire days.

Class	ERC Range	All Days (AD)		Fire Days (FD)			Large Fire Days (LFD)				Multiple Fire Days (MFD)			
		# AD	% AD	# FD	% FD	% AD	# LFD	% LFD	% FD	% AD	# MFD	% MFD	% FD	% AD
1	0- 16	16	2	0	0	0	0	0	0	0	0	0	0	0
2	17- 34	65	8	1	2	2	0	0	0	0	0	0	0	0
3	35- 68	654	80	40	78	6	2	67	5	0	3	75	8	0
4	69- 71	48	6	5	10	10	0	0	0	0	0	0	0	0
5	72- 76	37	5	5	10	14	1	33	20	3	1	25	20	3

Staffing, Response, and Fire Danger Rating Levels

Table 18. Staffing level, response level, and adjective rating by ERC-G range for UPWS.

Adjective Rating, Staffing Levels and Response Levels for UPWS FDRA					
UPWS ERC-G	0-17	18-35	36-69	70-72	73+
Staffing Level	1	2	3	4	5
Response Level	LOW			MODERATE	HIGH
Adjective Rating	LOW		MODERATE	HIGH/VERY HIGH	EXTREME

Mt Hood East (MHFE)

Description

General Location: NE Oregon Cascades

Vegetation: Douglas fire, grand fir, Ponderosa Pine with lesser amounts of western larch, lodgepole, and western white pine with varying densities of brush understory and lower elevations with Oregon white oak

Climate: Warm-summer Mediterranean with seasonal drought during summer

Topography: Moderate slopes bisected by steep east-west drainages

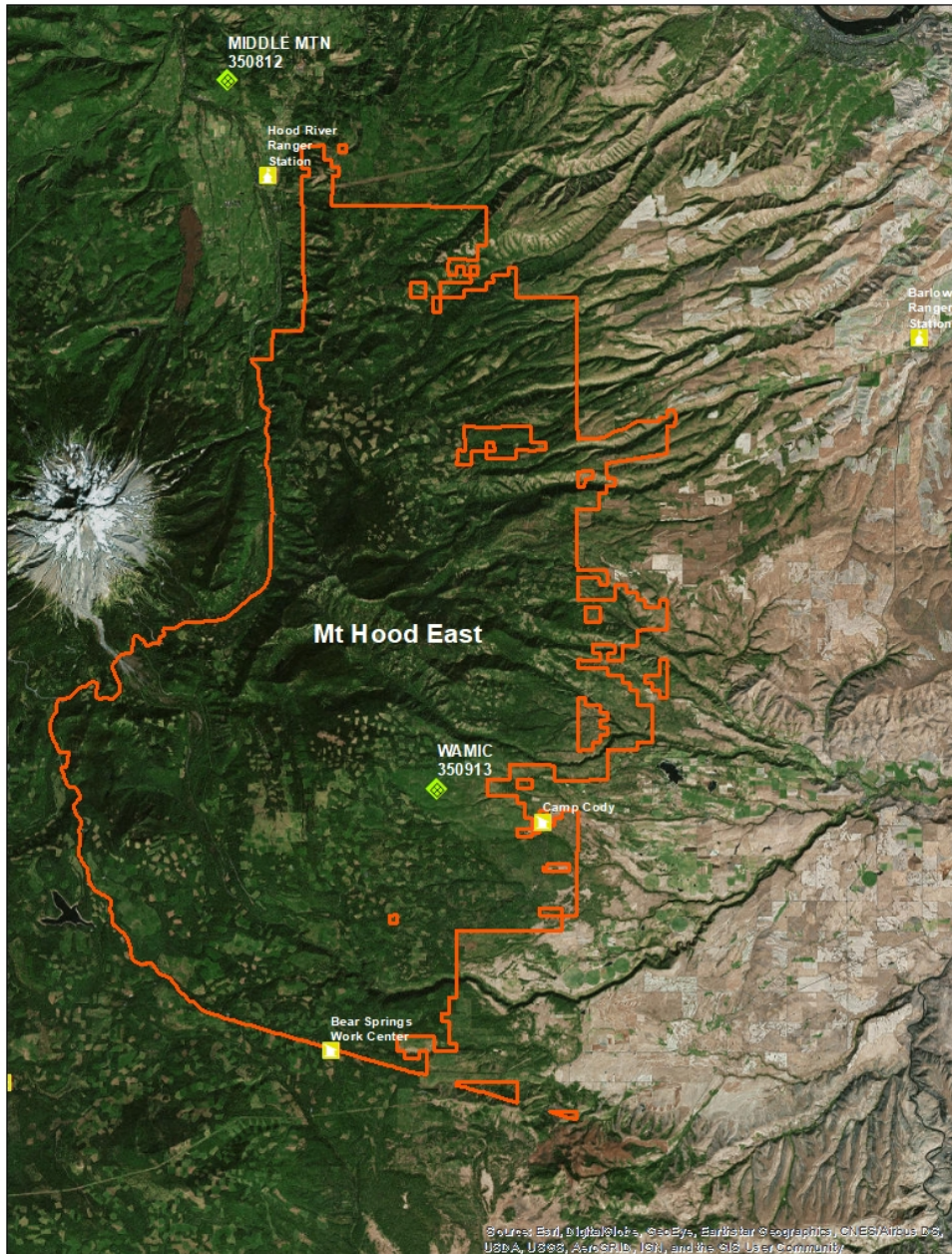


Figure 14. Map of MHFE FDRA with RAWs used for analysis.

Fire Danger Problem Analysis

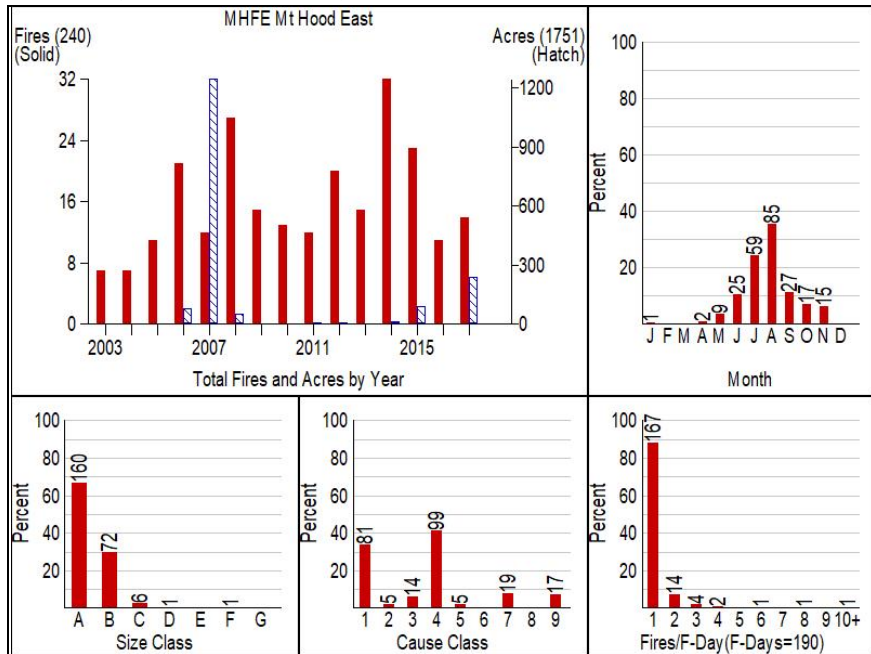


Figure 15. Fire summary graph for all months and only analysis years for MHFE

Table 19. Select fire summary graph data for MHFE FDRA.

Fire Cause Classes		Fires by Month Lightning vs Human			Fire Size Percentiles	
		Month	Lightning	Human	Percentile	Acres
1	Lightning					
2	Equipment	4	0	2	100	1237
3	Smoking	5	1	8	99	60
4	Campfire	6	13	12	98	15
5	Debris	7	34	25	97	5.3
6	Railroad	8	32	53	94	2
7	Arson	9	1	26	90	1
8	Children	10	0	17	85	.5
9	Misc.	11	0	15	62	.1

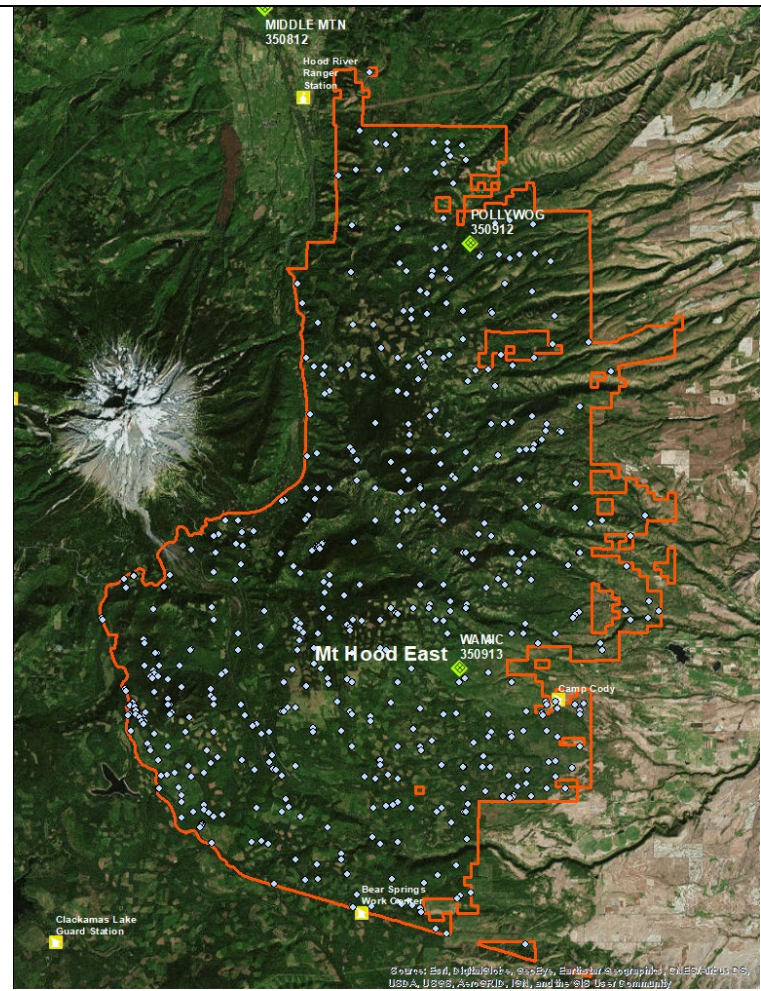


Figure 16. Map of fires used in analysis for MHFE FDRA

Season and Size determination

Table 20. Season, large fire size in acres, and multiple fire day used in analysis for MHFE FDRA.

Season	Large Fire	Multiple Fire Day
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June 15th-October 15th	3	2
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Fire Problem Analysis Table

Table 21. Fire problem analysis table for MHFE.

Statistical Cause	Problem Definition	Degree of Control	General Target Group	Specific Target Group	Communication Method	Agency Action
4-Campfire	Units respond to high number of statistical campfires in developed and undeveloped recreation sites. This results in need for increased staffing due to workload and threat.	Low	Public	Overnight campers	Prevention messaging through signs, social media, and press releases. Word of mouth communication through patrolling. Public use restrictions to limit ignitions.	Increase patrolling to update signs, create presence and increase communication, and issue violation notices. Increase Adjective Rating. Update website and social media platforms. Coordinate with Public Affairs and LEI. Adjust preparedness, staffing, and response levels and follow these plans.
0-Nonstatistical	Units respond to high number of non-statistical campfires in developed and undeveloped recreation sites. This results in need for increased staffing and uncaptured workload.	Low	Public	Overnight campers	Prevention messaging through signs, social media, and press releases. Word of mouth communication through patrolling. Public use restrictions to limit ignitions.	Review policy definition of statistical fire. Track non-statistical fires. Increase patrolling to update signs, create presence and increase communication, and issue violation notices. Increase Adjective Rating. Update website and social media platforms. Coordinate with Public Affairs and LEI. Adjust preparedness, staffing, and response levels and follow these plans.
1-Lightning	Multiple lightning ignitions that exceed IA resource capabilities. Suppression resources committed to multiple IA fires.	Low	Agency	Fire	Additional calls between fire managers (Fire Staff, FMOs, and Dispatch). Monitor weather forecasts.	Monitor weather forecasts and communicate with NWS as needed. Hold additional conference calls with fire managers to discuss staffing and logistical needs. Adjust preparedness, staffing, and response levels and follow these plans.

Statistical Cause	Problem Definition	Degree of Control	General Target Group	Specific Target Group	Communication Method	Agency Action
2-Equpement Use	Ignitions caused by equipment use, including: timber, firewood cutting, engineering operations, and other project or maintenance work.	High	All	Agency/ Industry	Website, IFPL phone line, email and personal contacts. Weekly staffing call.	Determine IFPL during weekly staffing call. When changes are warranted, update websites, email Forest and cooperators, make contact impacted resource areas. Change message on IFPL phonline.

Fire Danger Decision Analysis

Table 22. The season, large fire, and multiple fire day as defined in the fire problem analysis for UPWS and the number of qualifying weather days, fire days, large fire days, and multiple fire days used in correlation analysis for MHFE.

Season	Large Fire	Multiple Fire Day	Number of Weather Days	Number of Fire Days	Number of Large Fire Days	Number of Multiple Fire Days
June 15th-October 15th	3 Acres	2	1845	154	11	22

SIG Catalogue

Table 23. Final SIG station parameters as determined through correlation analysis for MHFE.

Station ID	Name	Analysis Years	Analysis Time of Year	NFDRS fuel model	Slope Class	Climate Class	Greenup Date	Freeze Date	Herb Annual?	Station Weight
350812	MIDDLE MTN	2003-2017	June 15-Oct 15	G	2	2	25-Apr	1-Oct	N	0.25
350913	WAMIC	2003-2017	June 15-Oct 15	G	2	2	17-May	1-Oct	N	0.75

Correlation Analysis Table

Table 24. Correlation values for MHFE SIG.

SIG/Station#	Variable	Model	Greenup	Freeze	FD Type	FD R^2	FD Chi^2	FD P-Val	FD P-Range	LFD	LFD R^2	LFD Chi^2	LFD P-Val	LFD P-Range	MFD	MFD R^2	MFD Chi^2	MFD P-Val	MFD P-Range
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350812	ERC	7G	25- Apr	1- Oct	All	0.81	6.52	0.5888	0.02 - 0.18	3 (C)	0.01	5.04	0.6551	0.07 - 0.08	2 (C)	0	6.07	0.639	0.13 - 0.15
350913	ERC	7G	17- May	1- Oct	All	0.77	8.65	0.3730	0.02 - 0.17	3 (C)	0.11	2.80	0.9028	0.06 - 0.10	2 (C)	0.08	3.10	0.9279	0.10 - 0.16
MHFE	ERC	7G	25- Apr	1- Oct	All	0.88	4.07	0.8506	0.02 - 0.17	3 (C)	0.09	4.44	0.7284	0.06 - 0.11	2 (C)	0	6.58	0.5827	0.12 - 0.15

Decision Points

Break points graphic

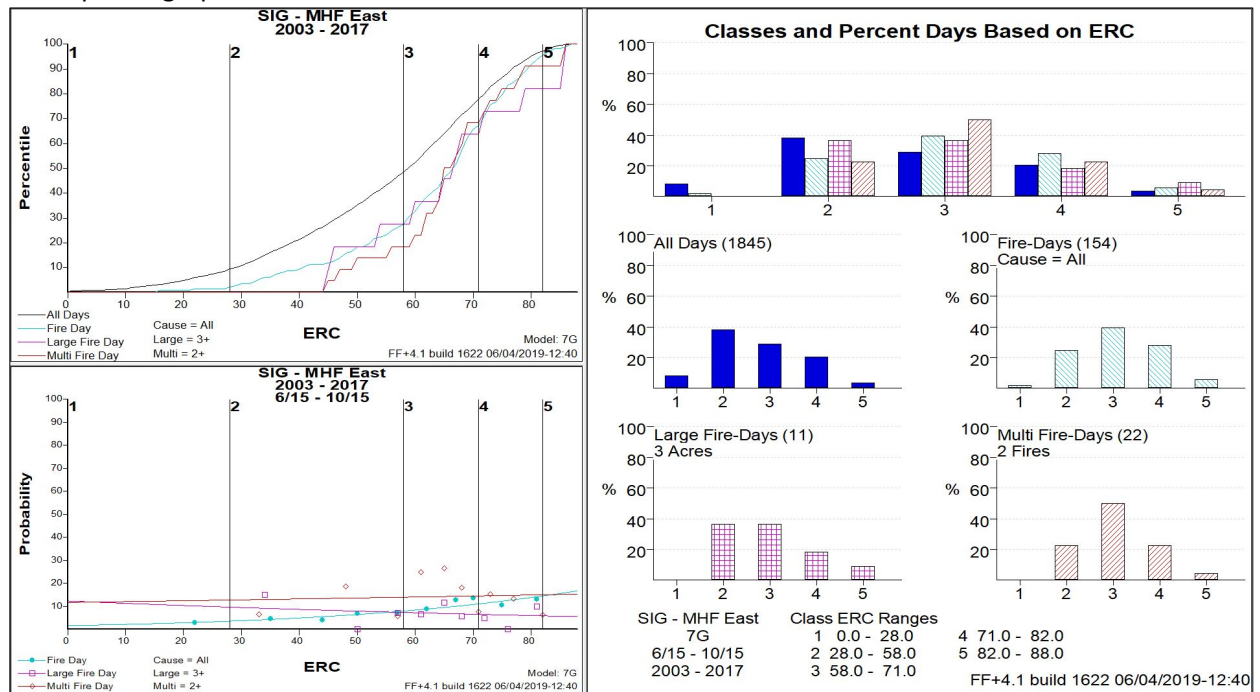


Figure 17. Breakpoints for MHFE FDRA

Table 25. For each ERC bin as Class. Number of weather days or All Days (AD) expressed as the number of days in the analysis period and proportion of analysis period. Number of fire days (FD), proportion of fire days, and proportion of all days within the given class with a fire day. Number of large fire days, proportion of large fire days, proportion of fire days with a large fire, and proportion of all days within the given class with a large fire. Number of days with multiple fires, proportion of multiple fire days, proportion of fire days, and proportion of all days within the given class with multiple fire days.

Class	ERC Range	All Days (AD)		Fire Days (FD)			Large Fire Days (LFD)				Multiple Fire Days (MFD)			
		# AD	% AD	# FD	% FD	% AD	# LFD	% LFD	% FD	% AD	# MFD	% MFD	% FD	% AD
1	0- 27	154	8	3	2	2	0	0	0	0	0	0	0	0
2	28- 57	706	38	38	25	5	4	36	11	1	5	23	13	1
3	58- 70	536	29	61	40	11	4	36	7	1	11	50	18	2
4	71- 81	379	21	43	28	11	2	18	5	1	5	23	12	1
5	82- 87	70	4	9	6	13	1	9	11	1	1	5	11	1

Staffing, Response, and Fire Danger Rating Levels

Table 26. Staffing level, response level, and adjective rating by ERC-G range for MHFE.

Adjective Rating, Staffing Levels and Response Levels for MHFE FDRA					
MHFE ERC-G	0-27	28-57	58-70	71-81	82+
Staffing Level	1	2	3	4	5
Response Level	LOW		MODERATE	HIGH	
Adjective Rating	LOW		MODERATE	HIGH/VERY HIGH	EXTREME

Mt Hood West (MHFW)

Description

General Location: NW Oregon Cascades

Vegetation: Fir, cedar, hemlock, and brush with concentrations of heavy dead and downed.

Climate: Warm-summer Mediterranean with occasional seasonal drought during summer

Topography: Very steep terrain, with rivers, streams, lakes existing throughout.

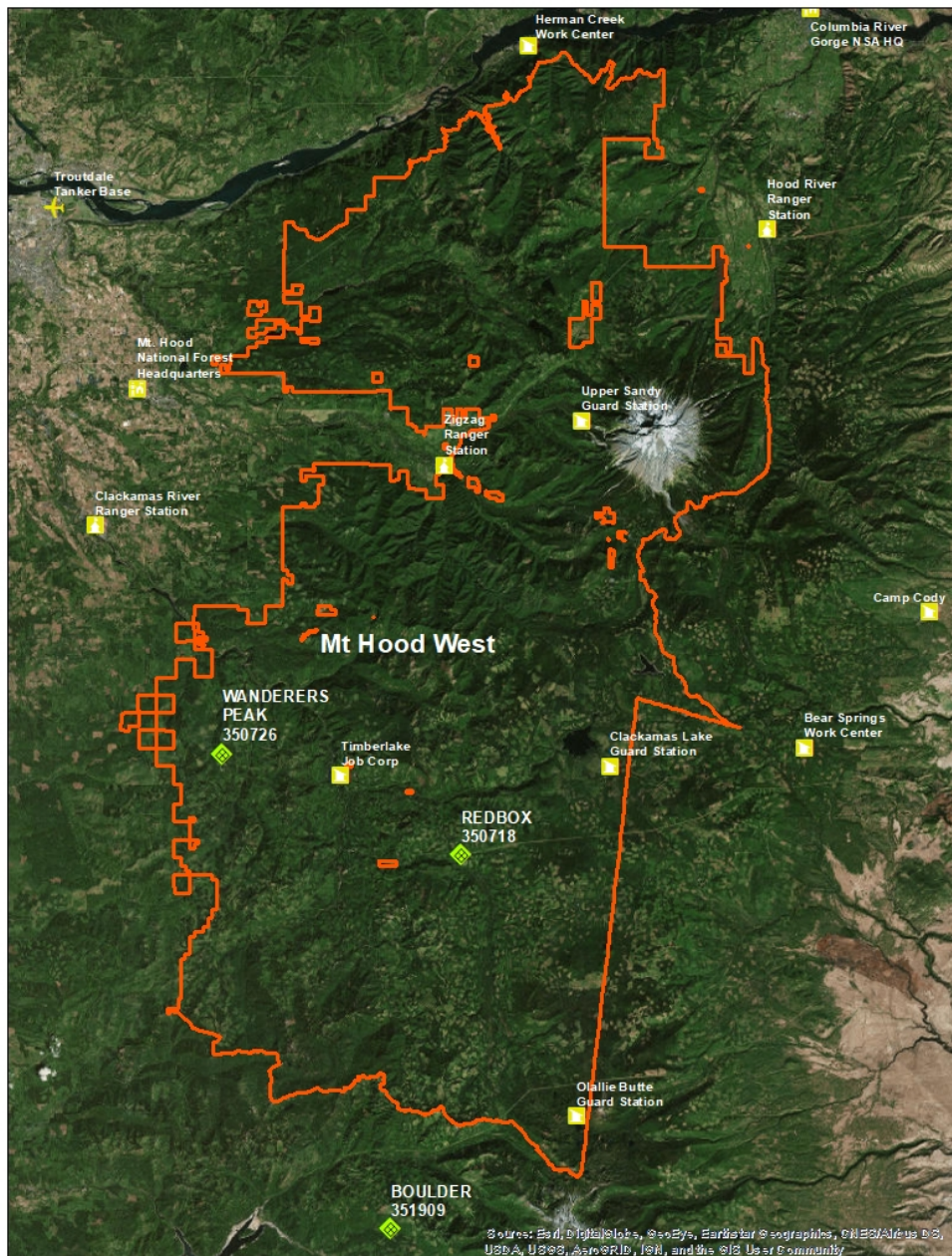


Figure 18. Map of MHFW FDRA with RAWs used for analysis.

Fire Danger Problem Analysis

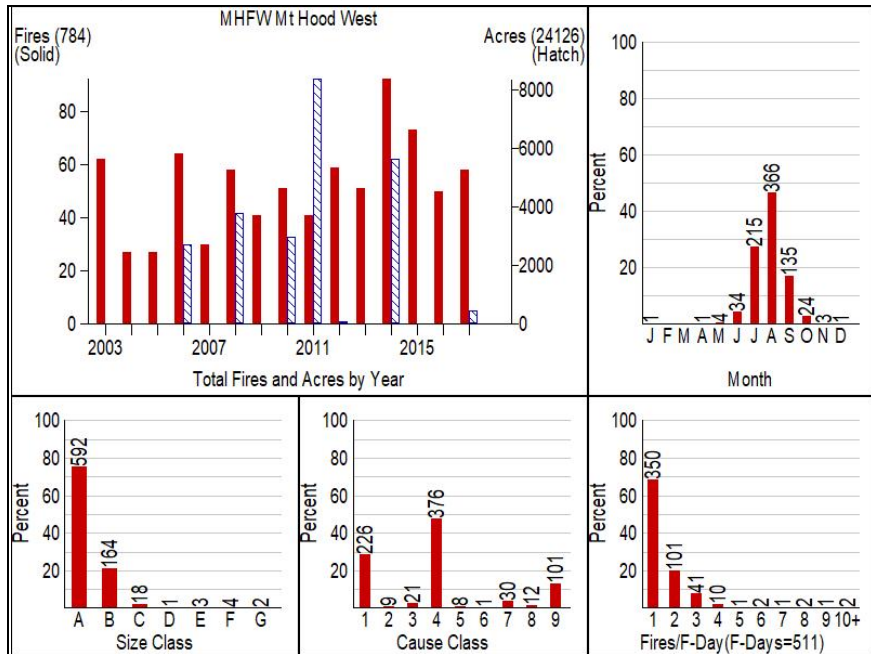


Figure 19. Fire summary graph for all months and only analysis years for MHFW

Table 27. Select fire summary graph data for MHFW FDRA.

Fire Cause Classes		Fires by Month Lightning vs Human			Fire Size Percentiles	
		Month	Lightning	Human	Percentile	Acres
1	Lightning					
2	Equipment	4	1	0	100	6286
3	Smoking	5	0	4	99	373
4	Campfire	6	5	29	98	26
5	Debris	7	54	161	97	10
6	Railroad	8	138	228	95	4
7	Arson	9	28	107	90	1
8	Children	10	0	24	85	.5
9	Misc.	11	0	3	73	.1

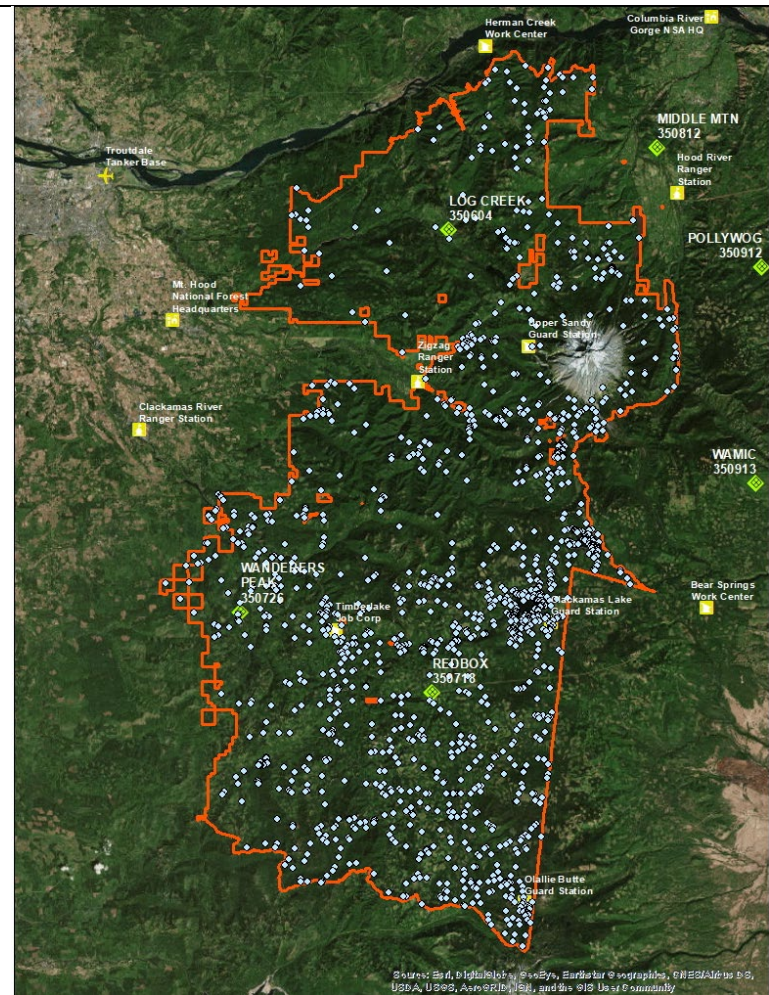


Figure 20. Map of fires used in analysis for MHFW FDRA

Season and Size determination

Table 28. Season, large fire size in acres, and multiple fire day used in analysis for MHFW FDRA.

Season	Large Fire	Multiple Fire Day

July 1st-September 30th	2	2
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Fire Problem Analysis Table

Table 29. Fire problem analysis table for MHFW.

Statistical Cause	Problem Definition	Degree of Control	General Target Group	Specific Target Group	Communication Method	Agency Action
4-Campfire	Units respond to high number of statistical campfires in developed and undeveloped recreation sites. This results in need for increased staffing due to workload and threat.	Low	Public	Overnight campers	Prevention messaging through signs, social media, and press releases. Word of mouth communication through patrolling. Public use restrictions to limit ignitions.	Increase patrolling to update signs, create presence and increase communication, and issue violation notices. Increase Adjective Rating. Update website and social media platforms. Coordinate with Public Affairs and LEI. Adjust preparedness, staffing, and response levels and follow these plans.
0-Nonstatistical	Units respond to high number of non-statistical campfires in developed and undeveloped recreation sites. This results in need for increased staffing and uncaptured workload.	Low	Public	Overnight campers	Prevention messaging through signs, social media, and press releases. Word of mouth communication through patrolling. Public use restrictions to limit ignitions.	Review policy definition of statistical fire. Track non-statistical fires. Increase patrolling to update signs, create presence and increase communication, and issue violation notices. Increase Adjective Rating. Update website and social media platforms. Coordinate with Public Affairs and LEI. Adjust preparedness, staffing, and response levels and follow these plans.
1-Lightning	Multiple lightning ignitions that exceed IA resource capabilities. Suppression resources committed to multiple IA fires.	Low	Agency	Fire	Additional calls between fire managers (Fire Staff, FMOs, and Dispatch). Monitor weather forecasts.	Monitor weather forecasts and communicate with NWS as needed. Hold additional conference calls with fire managers to discuss staffing and logistical needs. Adjust preparedness, staffing, and response levels and follow these plans.

Statistical Cause	Problem Definition	Degree of Control	General Target Group	Specific Target Group	Communication Method	Agency Action
2-Equpement Use	Ignitions caused by equipment use, including: timber, firewood cutting, engineering operations, and other project or maintenance work.	High	All	Agency/ Industry	Website, IFPL phone line, email and personal contacts. Weekly staffing call.	Determine IFPL during weekly staffing call. When changes are warranted, update websites, email Forest and cooperators, make contact impacted resource areas. Change message on IFPL phonline.

Fire Danger Decision Analysis

Table 30. The season, large fire, and multiple fire day as defined in the fire problem analysis for UPWS and the number of qualifying weather days, fire days, large fire days, and multiple fire days used in correlation analysis for MHFW.

Season	Large Fire	Multiple Fire Day	Number of Weather Days	Number of Fire Days	Number of Large Fire Days	Number of Multiple Fire Days
July 1st-Sept 30th	2 Acres	2	1380	452	42	152

SIG Catalogue

Table 31. Final SIG station parameters as determined through correlation analysis for MHFW.

Station ID	Name	Analysis Years	Analysis Time of Year	NFDRS fuel model	Slope Class	Climate Class	Greenup Date	Freeze Date	Herb Annual?	Station Weight
350718	REDBOX	2003-2017	July 1-Sept 30	K	3	3	14-May	1-Oct	N	0.25
350726	WANDERERS PEAK	2003-2017	July 1-Sept 30	K	3	3	13-May	1-Oct	N	0.5
351909	BOULDER	2003-2017	July 1-Sept 30	K	3	3	25-May	1-Oct	N	0.25

Correlation Analysis Table

Table 32. Correlation values for MHFW SIG.

SIG/Station#	Variable	Model	Greenup	Freeze	FD Type	FD R^2	FD Chi^2	FD P-Val	FD P-Range	LFD	LFD R^2	LFD Chi^2	LFD P-Val	LFD P-Range	MFD	MFD R^2	MFD Chi^2	MFD P-Val	MFD P-Range
351909	ERC	7K	29-May	1-Oct	All	0.93	6.49	0.5923	0.08 - 0.60	2 (C)	0.11	13.57	0.0937	0.03 - 0.15	2 (C)	0.54	7.55	0.4788	0.12 - 0.47
350718	ERC	7K	14-May	1-Oct	All	0.92	7.54	0.4795	0.08 - 0.61	2 (C)	0.16	9.00	0.3420	0.04 - 0.13	2 (C)	0.52	7.42	0.4925	0.14 - 0.48
350726	ERC	7K	13-May	1-Oct	All	0.80	11.97	0.1526	0.15 - 0.61	2 (C)	0.19	7.68	0.4651	0.05 - 0.15	2 (C)	0.46	10.59	0.2260	0.16 - 0.56
MHFW	ERC	7K	14-May	1-Oct	All	0.9	7.67	0.466	0.10 - 0.60	2 (C)	0.15	9.63	0.292	0.04 - 0.14	2 (C)	0.49	7.3	0.5049	0.13 - 0.48

Decision Points

Break points graphic

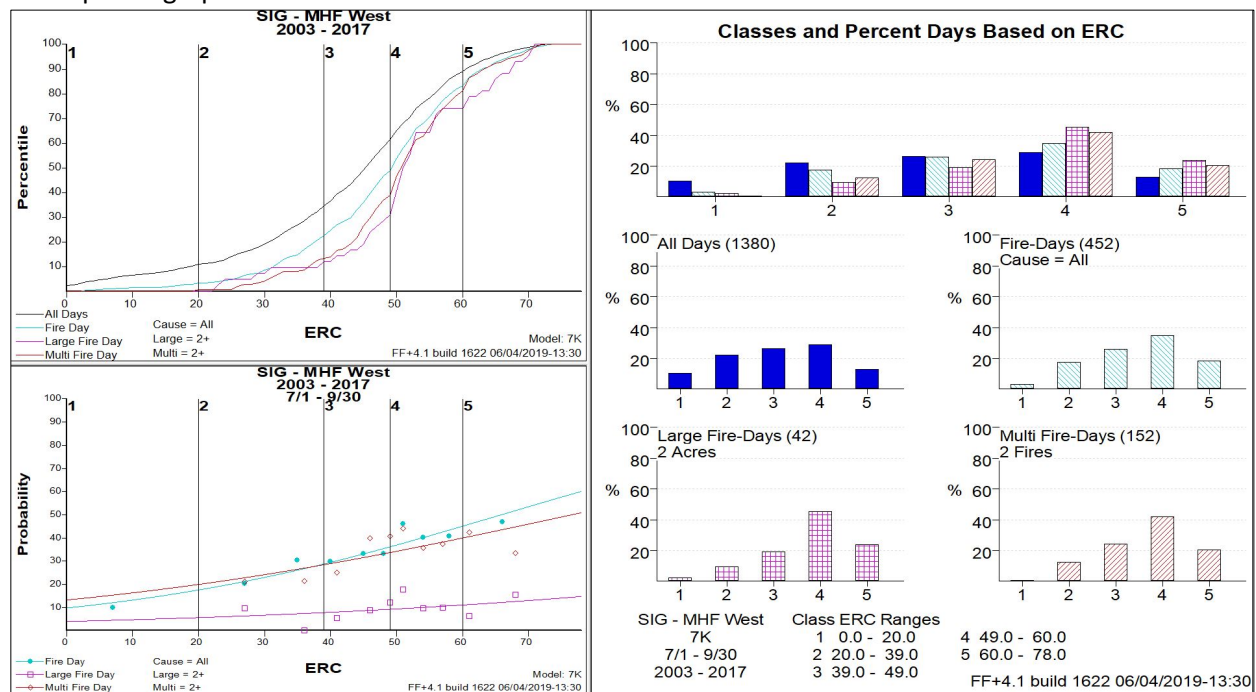


Figure 21. Breakpoints for MHFW FDRA

Table 33. For each ERC bin as Class. Number of weather days or All Days (AD) expressed as the number of days in the analysis period and proportion of analysis period. Number of fire days (FD), proportion of fire days, and proportion of all days within the given class with a fire day. Number of large fire days, proportion of large fire days, proportion of fire days with a large fire, and proportion of all days within the given class with a large fire. Number of days with multiple fires, proportion of multiple fire days, proportion of fire days, and proportion of all days within the given class with multiple fire days.

Class	ERC Range	All Days (AD)		Fire Days (FD)			Large Fire Days (LFD)				Multiple Fire Days (MFD)			
		# AD	% AD	# FD	% FD	% AD	# LFD	% LFD	% FD	% AD	# MFD	% MFD	% FD	% AD
1	0- 19	140	10	14	3	10	1	2	7	1	1	1	7	1
2	20- 38	305	22	80	18	26	4	10	5	1	19	13	24	6
3	39- 48	362	26	117	26	32	8	19	7	2	37	24	32	10
4	49- 59	397	29	158	35	40	19	45	12	5	64	42	41	16
5	60- 77	176	13	83	18	47	10	24	12	6	31	20	37	18

Staffing, Response, and Fire Danger Rating Levels

Table 34. Staffing level, response level, and adjective rating by ERC-K range for MHFW.

Adjective Rating, Staffing Levels and Response Levels for MHFW FDRA					
MHFW ERC-K	0-19	20-38	39-48	49-59	60+
Staffing Level	1	2	3	4	5
Response Level	LOW		MODERATE		HIGH
Adjective Rating	LOW		MODERATE	HIGH/VERY HIGH	EXTREME

Appendix B- Staffing Plan

Gifford Pinchot and Mt Hood Staffing/Drawdown Plan

Minimum and extended staffing of initial attack resources are measures taken by local fire management in order to effectively respond to reported fires under specific fire weather and fire business parameters. Staffing decisions are made by the Forest Duty Officer (FDO) in conjunction with the Zone Duty Officer (ZDO) based on the local Staffing Level (SL). All Duty Officers will submit staffing to Columbia Cascade via the Morning Status by 1000 daily.

Minimum Staffing: Minimum staffing refers to suppression resource staffing levels which will be available 5 days per week during normal hours (0930-1800); this may require an augmentation of regularly scheduled initial attack resources. Staffing will be determined during the twice weekly Staffing Call. Each Zone will staff to the highest staffing level of the two FDRAs on it's Forest beginning June 15th through October 15th.

Extended Staffing: Extended staffing is an extension of normal staffing hours which typically occurs in two-hour increments. Extended staffing is based on potential or actual fire occurrence. It is possible that the SL will increase anytime before the end-of-shift due to fire occurrence.

Modules: Each fire suppression module will have fully qualified supervisory personnel on a daily basis. A module is considered to be a fully staffed Patrol, Engine or Initial Attack Squad. A Patrol is a Type 6 or 7 engine with an ICT5 and 1 FFT2. Patrols may be considered a module at Staffing Levels 1 and 2 on the Mt Hood and Staffing Levels 1-3 on the Gifford Pinchot. An Engine is defined as a Type 3-7 engine with an ENGB and 2 FFT2. An Initial Attack Squad is defined as a minimum of 1-ICT5 with 3 FFT2. If qualified personnel are not available to meet these standards, the module will be considered unavailable for the purposes of meeting minimum staffing.

Table 35. Summary of modules and required staffing

Module	Staffing
IA Squad	ICT5 and 3 FFT2
Type 3 Engine	ENGB and 2 FFT2
Type 4 Engine	ENGB and 2 FFT2
Type 6 Engine	ENGB and 2 FFT2
Type 7 Engine	ENGB and 2 FFT2
Patrol (Type 6 or 7 Engine)	ICT5 and 1 FFT2

Table 36. Typical modules for the Gifford Pinchot and Mt Hood National Forests

Gifford Pinchot	Mt Hood
E631 (Mt Adams)	E311 (Zigzag)
E632 (Mt Adams)	E312 (Clackamas)
Squad 31 (Mt St Helens)	E321 (Hood River)*
Squad 41 (Cowlitz)	E423 (Dufur)*
	Crew 22- T2IA (Clackamas)

*Engines may only be staffed 5-day effective due to lack of qualified CDL drivers.

Move-up: Move-up is repositioning of modules across Zones. Move-up may be utilized for on-going incident support or to meet minimum staffing. Move-up to meet minimum staffing is acceptable if one Zone is staffed above minimum staffing and another is staffed below minimum staffing. In these cases the moved-up module will preposition to a location no less than 30 minutes drive time from the understaffed Zone for the duration of normal hours, excluding drive time to return to duty station. During periods of high severity or in response to ongoing incidents, drive time to return to duty station

may be considered extended staffing. No single module may satisfy minimum staffing in multiple Zones. Move-up for minimum staffing will be coordinated with the FDO, both ZDOs, and WA-CCCC.

Move-up exception locations listed below are move-up scenarios pre-approved by the FDO but still require coordination with the FDO, ZDO, and WA-CCCC.

- Modules staged at Zigzag /Government Camp area may be used to meet minimum staffing for MHF East Zone.
- Modules staged at Timothy Lake area may be used to meet minimum staffing for MHF East Zone.
- Modules staged at Mt St Helens may be used to meet minimum staffing for GPF North Zone.
- Modules staged near Cascade Locks or north of the Columbia River may be used to meet minimum staffing for GPF South Zone.
- Modules staged near Hood River may be used to meet minimum staffing for GPF South Zone or MHF East Zone.

Additional Considerations: Staffing Level may be increased at the discretion of the Forest Duty Officer for the following conditions, but not limited to: holidays, public events, lightning, thermal troughs, east wind events, Red Flag Warning, Fire Weather Watch, or fire occurrence.

Staffing may be decreased only at the discretion of the FDO. If at any time minimum staffing is not being met, the ZDO shall contact the FDO immediately. Instances where minimum staffing is not being met through a lack of resources or qualified individuals to staff such resources should be rare and of short duration.

Minimum and extended staffing is contingent upon funding which may or may not be available to the fire management staff. Work/Rest guidelines supercede minimum and extended staffing guidelines. Injuries, personnel departure, mechanical failure, exhaustion of available resources through standard ordering procedures, or other circumstances as determined by the FDO may result in less than the minimum modules to meet staffing guidelines.

During periods when fuels conditions may be such that Forest-wide staffing levels may not be reasonably maintained, seasonal considerations may be approved by the FDO. Typically these may include a disparity in fire potential for the eastern vs western portions of the Forests where conditions significantly inhibit fire ignition and spread on the western portions of the Forests while fire ignition and spread conditions may continue to exist on the eastern portions of the Forests. Additionally, during uncharacteristically wet or dry years, the FDO may increase the Staffing Plan's period of validity beyond June 15th through October 15th.

Staffing Level Matrices: Tables 4 and 5 provide minimum module requirements, suggested Adjective Rating, suggested additional resources as they relate to ERC. Each Zone will follow the highest staffing level on its respective Forest. These matrices are also available in WA-CCC Morning Status spreadsheet.

Gifford Pinchot National Forest Staffing

Table 37 Staffing Level table for the North and South Zones of the GPF

STAFFING LEVEL for UPWS/SOCA FDRA					
UPWS ERC*	0-35		36-69	70-72	73+
SOCA ERC*	0-35		36-47	48-55	56+
Adjective Rating	LOW		MODERATE	HIGH/VERY HIGH	EXTREME
Staffing Level	1	2	3	4	5
Required Modules North Zone	1		1	1	1
Required Modules South Zone	1		1	2	2
Extended Staffing	None		At discretion of ZDO or FDO	At discretion of ZDO or FDO	All Available Resources
Suggested additional resources GP North					
Engines (T3/4/5/6)				1	1
Water Tender					
Hand Crew					1 T2 IA
Helicopter					1
Dozer					
Prevention Tech				1	1
Additional Overhead: (INVF, SOF, ICT 3, DIVS)				1 ICT 4 TFLD RESL	DIVS SOFR LSC3
Suggested additional resources GP South					
Engines (T3/4/5/6)				1	1
Water Tender				1	1
Hand Crew					T2
Helicopter					
Dozer					
Prevention Tech				1	1
Additional Overhead: (INVF, SOF, ICT 3, DIVS)				1 ICT 4	1 TFLD
Suggested additional resources Forest-wide (location TBD at time of order)					
Engines (T3/4/5/6)					
Water Tender					
Hand Crew				T2	
Helicopter					
Dozer					
Prevention Tech					
Additional Overhead: (INVF, SOF, ICT 3, DIVS)					1 ICT 3

*Staff to highest SL

Mt. Hood National Forest Staffing

Table 38 Staffing Level table for the East and West Zones of the MHF

STAFFING LEVEL for MHFE/MHFW FDRAs					
MHFE ERC*	0-57		58-70	71-81	82+
MHFW ERC*	0-38		39-48	49-59	60+
Adjective Rating	LOW		MODERATE	HIGH/VERY HIGH	EXTREME
Staffing Level	1	2	3	4	5
Required Modules East Zone	1		1	2	2
Required Modules West Zone	1		1	2	3
Extended Staffing	None		At discretion of ZDO or FDO	At discretion of ZDO or FDO	All Available Resources
Suggested additional resources MHF East					
Engines (T3/4/5/6)				3 (agency)	4 (agency)
Water Tender				1	1
Hand Crew				1 (T2 IA - agency)	1 (T2IA - agency)
Helicopter				1 (T1 or T2 w/crew)	1 (T1 orT2 w/crew)
Dozer					1 + DOZB
Prevention Tech			1 (wet)	2 (wet), INVf	2 (wet), INVf
Additional Overhead: (INVf, SOF, ICT 3, DIVS)			PIOF	PIOF, DIVS/ICT3 (DO support), TFLD/ICT4, LOG3, PTRC/EQTR	SL4 resources + TFLD/ICT4, FIN3 (or local equivalent)
Suggested additional resources MHF West					
Engines (T3/4/5/6)				2	3
Water Tender				1	2
Hand Crew					1
Helicopter					
Dozer					
Prevention Tech				2	3
Additional Overhead: (INVf, SOF, ICT3 DIVS)			PIOF	PIOF SOFR DIVS LOG3 PTRC/EQRC	ICT3 Prevention Team?

*Staff to the FDRA with the highest ERC

Dispatch Staffing: Each Dispatch functional area can be staffed with a trainee as long as the trainee is under the supervision of a qualified staff member. Qualified personnel can support multiple trainees in different functional areas throughout the course of an operational period. As outlined in Table 6 below Dispatch Staffing Level will be dependent on the highest Staffing Level across the MHF/GPF Zones. The Center Manager or Assistant Center Manager will also take into account the availability of resources and the current/projected Local, Geographic and National Planning Levels when determining the local Dispatch Staffing Level. Deviation from the staffing plan outlined below will be at the discretion of the Center Manager and Forest Duty Officer.

Table 39 Staffing by Staffing Level for Comlulia Cascade Communication Center

Columbia Cascade Staffing Plan					
Staffing Level	1	2	3	4	5
GPF IADP(T)		X	X	X	X
MHF/CGF IADP(T)		X	X	X	X
Dedicated ACDP(T)		X	X	X	X
Dedicated EDSD(T) for Logistics Functions			X	X	X
Dedicated Intel Dispatcher				X	X
Expanded Staff In Place/On Order				X	X
Floor Coordinator				X	X
CORD In Place/On Order					X

Appendix C- Preparedness Plan

Preparedness Level Plan

The purpose of the Preparedness Plan is to provide direction to ensure Forest Fire Managers have the necessary resources available to implementing critical actions based on identified levels of burning conditions (fire danger), fire activity, resource commitment/availability, and other considerations. Preparedness Level is different from Staffing Level, Staffing Level typically only considers fire danger.

Objective

The objective of this plan is to support decision-making intended to set a level of preparedness to ensure that incident response has a reasonable probability of success. This Plan covers READINESS for potential or active wildfire incidents that may endanger life, property or natural resources under jurisdiction of Mt Hood and Gifford Pinchot National Forests in the States of Oregon and Washington.

Determination and Coordination of Preparedness Levels

Determination: The responsibility to determine and implement the Forest Preparedness Level Plan lies with the FFMO or acting Forest Duty Officer with input from the Forest Fire Planner, Communications Center Manager, and Zone Fire Management Officers. Final authority for decisions relative to Preparedness Level staffing will reside with one of the FFMO, acting FFMO, or Forest Duty Officer.

Preparedness will be determined using the following variables and criteria:

- Staffing Level- The highest forecasted Staffing Level within the dispatch area.
- Initial Attack- The commitment of greater than 50% of resources committed to initial attack within the dispatch area.
- Extended Attack- The presence of extended attack incidents within the dispatch area.
- Seven Day Fire Potential- The presence of a High Risk Fire Environment within the NWCC 7 Day Significant Fire Potential for PSAs 02, 03, 05, or 06. Weather forecasts may also be used to assist with proper implementation of this variable as PSAs cover large areas where the High Risk rating may not be applicable to the entire PSA.
- GACC Preparedness Level- NWCC PL either increasing, decreasing or holding steady.
- Additional variables may also be considered as determined by the FFMO, Acting FFMO, or Forest Duty Officer.

Each of these variables contribute to the Preparedness Level by adding or subtracting factors to the initial Staffing Level. The total is then rounded down to achieve the current Preparedness Level for the dispatch area.

Table 40 Preparedness Level determination matrix

Variable	Response	Factor
Staffing Level	Staffing Level 1-5	1-5
IA Commitment	Yes	Add .25
	No	Subtract .25
Extended Attack	Yes	Add .25
	No	Subtract .25
7 Day Fire Potential	Yes	Add .25
	No	Subtract 0
GACC PL	Increasing	Add .25

	Holding Steady	Subtract 0
	Decreasing	Subtract .25

Table 41 Preparedness Level determination worksheet

Variable	Response	Adjustment Factor	Enter Adjustment Factor
Staffing Level	Staffing Level 1-5	1-5	
IA Commitment	Yes	+ .25	
	No	- .25	
Extended Attack	Yes	+ .25	
	No	- .25	
7 Day Fire Potential	Yes	+ .25	
	No	+ 0	
GACC PL	Increasing	+ .25	
	Holding Steady	+ 0	
	Decreasing	- .25	
		Total	
		Total rounded down	
		Preparedness Level	

Coordination: At Preparedness Level I, Level II and Level III; Zone Fire Management Officers are expected to coordinate with the Forest Duty Officer to implement the Forest Preparedness Plan. At Preparedness Level IV and V, coordination between the Forest Duty Officer and Zone Duty Officers to assess fire suppression ability, personnel and resource commitments and anticipated needs, and provide Forest and Region-wide information useful for decision making.

Standards

Leadership: During the fire season each Zone and the Head Quarters Office will ensure the availability of a qualified Agency Administrator and Zone Duty Officer, to provide necessary direction and oversight to the fire management program for which they are responsible.

Initial Attack Resource Availability: Initial attack resources are provided by the Forest utilizing the closest forces concept to support all Wildland fire incidents for any agency or cooperator that requests them. Zone FMO's must determine which resources, if any, will be available for off-unit assignment. That determination will be made in consideration of local Staffing Level, fire management workload and fire danger.

Single Resource Qualified Individuals: Individuals with fire job qualifications may be dispatched to on-Forest or off-Forest incidents according to their status, provided by unit availability lists submitted to Columbia Cascades Dispatch. Decisions to dispatch single resources off-forest should consider the individual's contribution to program effectiveness and the Forest's ability to meet its fire management responsibilities in their absence.

Back up Support: At any time the Forest or a zone is unable to meet its fire management leadership and resource needs the Duty Officer should request assistance through temporary assignment of personnel or other resources from outside the Forest. This need should be determined by the Zone Duty Officer and Agency Administrator and communicated to the Forest Fire Staff in a timely manner. Specific requirements and the anticipated duration of the temporary assignment should be provided with the request. Back-up support may be provided as program leadership or specific wildfire suppression,

prescribed fire, or Wildland fire management single resources or modules. During periods of actual fire activity when local resources are inadequate to meet the volume of business, suppression resources may be requested and prepositioned for discretionary initial attack and extended attack support assignments by local management. All requests for fire program support from off-forest will be coordinated and acted on by the Forest Fire Staff through Columbia Cascades Center.

Each zone is expected to conduct their fire management operations in accordance with the minimum guidelines provided by this preparedness plan. Zones may provide enhanced standards or specificity to meet their program objectives or organizational requirements. Any additional guidelines so developed will be approved by the Forest Fire Management Group and included as an attachment to this plan.

Suggested Actions

The following tables outline expected actions to be taken or considered at each Preparedness Level.

Agency Administrator Actions

			Preparedness Level				
Responsible Party	Item	Suggested Actions	I	II	III	IV	V
Forest Fire Staff	Staff Availability	Ensure that one Agency Administrator per District is available by cell/notify dispatch	○	○	○	○	○
		Ensure Line Officer Delegation of Authority and availability consider additional Agency Administrator support					○
		Ensure Resource Advisors are designated and available			○	○	○
		Provide guidance to Forest Supervisors and District Rangers regarding the severity of the season and increased need for available fire support personnel				○	○
		<i>Consider</i> making WFDSS support available locally		○			
		Ensure that local WFDSS support is available			○	○	○
		<i>Consider</i> a PIO			○		
		PIO is identified and invited on FMO conference call				○	○
	Forest Closures/Restrictions	When thresholds are reached, coordinate decision making process regarding changes to IFPL and PUR and inform FFMO of decision and timeframe and document the rationale for this decision.	○	○	○	○	○

Forest Duty Officer Actions

			Preparedness Level				
Responsible Party	Item	Suggested Actions	I	II	III	IV	V
Forest Duty Officer (DIVS & either ICT3 or RXB2)	Fire Management Conference Call	Manage bi weekly Conference Call	○				
		Manage weekly Conference Call		○	○	○	○
		<i>Consider</i> 2 calls per week				○	○
	Overhead Support	<i>Consider</i> Forest Duty Officer support			○	○	○
		<i>Consider</i> requesting dedicated Aviation Officer		○	○	○	
		Request dedicated Aviation Officer					○
		Order ICT3/SOFR/DIVS on Forest /District				○	○
		<i>Consider</i> pre-positioning T3 IMT				○	○
	IA Support Staging – Crews, Engines, Fellers, Tenders	Order additional IA Crew (PL4 = 1 Crew and PL5 = 2 Crews)				○	○
		<i>Consider</i> ordering a med Helicopter w/ Rappel Module or Smokejumpers				○	○
		<i>Consider</i> ordering light or med Helicopter				○	
		Order 1 light or med Helicopter					○
		<i>Consider</i> ordering heavy Helicopter				○	○
	Severity	<i>Consider</i> a fire severity request if no ABC				○	○
	Detection	Recommend Preparedness lookouts on district			○	○	○
		Lightning? <i>Consider</i> Air Attack w/ Platform			○	○	○
		Lightning? <i>Consider</i> Air Patrol			○		

Zone Duty Officer Actions

			Preparedness Level				
Responsible Party	Item	Suggested Actions	I	II	III	IV	V
Zone Duty Officer	IA Situational Awareness	Ensure IA personnel are briefed on SL, PL, local burning conditions, and availability of IA resources	○	○	○	○	○
	Management Availability	Identify Zone Agency Administrator/Forest Agency Administrator	○	○	○	○	○
		Identify Point of Contact (Single Resource Boss & ICT4 or RXB2)	○	○			
		Identify Zone Duty Officer (TFLD & ICT3 or RXB2)			○	○	○
	Overhead Considerations	<i>Consider</i> the need for overhead support (ICT3/DIV5) if current fire activity is significant			○		
		<i>Consider</i> the need for overhead support (ICT3/DIV5)				○	○
	Preparedness	<i>Consider</i> extended Staffing				○	○
		<i>Consider</i> additional Staffing					○
	Prevention	<i>Consider</i> requesting an aerial detection flight			○	○	○
		<i>Consider</i> the need for restrictions, closures and patrols			○	○	○

Communications Center Actions

			Preparedness Level				
Responsible Party	Item	Suggested Actions	I	II	III	IV	V
Communications Center Manager	Fire Danger	Ensure IA personnel are briefed on SL, PL, local burning conditions, and availability of IA resources	○	○	○	○	○
	Extended Hours and Support	<i>Consult</i> with FFMO/Forest Duty Officer concerning potential for extended Staffing beyond normal shift length or days			○	○	○
		<i>Consider</i> expanded dispatch if current fire activity is significant			○		
		Ensure expanded dispatch is in place				○	○
		<i>Consider</i> logistical support			○		
		Ensure logistical support is available				○	○

Appendix D- Response Plan

U.S. FOREST SERVICE



GIFFORD PINCHOT N.F. MT. HOOD N.F.
COLUMBIA RIVER GORGE N.S.A.

Standard Firefighting Orders

Keep informed on fire weather conditions and forecasts.

Know what your fire is doing at all times.

Base all actions on current and expected behavior of the fire.

Identify escape routes and safety zones and make them known.

Post lookouts when there is possible danger.

Be alert. Keep calm. Think clearly. Act decisively.

Maintain prompt communications with your forces, your supervisor and adjoining forces.

Give clear instructions and insure they are understood.

Maintain control of your forces at all times.

Fight fire aggressively, having provided for safety first.

Watch out Situations

Fire not scouted and sized up.

In country not seen in daylight.

Safety zones and escape routes not identified.

Unfamiliar with weather and local factors influencing fire behavior.

Uninformed on strategy, tactics, and hazards.

Instructions and assignments not clear.

No communication link with crew members/supervisor.

Constructing fireline without safe anchor point.

Building fireline downhill with fire below.

Attempting frontal assault on fire.

Unburned fuel between you and fire.

Cannot see main fire, not in contact with anyone who can.

On a hillside where rolling material can ignite fuel below.

Weather is getting hotter and drier.

Wind increases and/or changes direction.

Getting frequent spot fires across line.

Terrain and fuels make escape to safety zones difficult.

Taking nap near fireline.

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North Zone GPF

GPFN01 - Mineral Block

RESPONSE LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
South Cascades ERC	0 - 47	48 - 55	56+
Response	1 IA Module	1 IA Module	1 IA Module

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.

Suggested closest resources (these are only suggestions to help the dispatcher get started):

Cowlitz Valley Ranger District (North Zone)

FS Squad - 41 (Randle)

Primary Notifications:

FS Zone Duty Officer

FS Forest Duty Officer

Other Notifications:

FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556)

WA DNR Pacific Cascade Region (360-577-2025) **if near state/private boundary.**

Lewis County Sheriff's Office (360-748-9286)

Special Considerations:

Check availability of DNR helicopters for incident near the boundary line.

If structures are threatened have RFD respond with engines.

Hazards:

Military Training Route: IR 344

Power Lines

General Public Recreation

Radio coverage is spotty- Consider ordering a mobile repeater.

NORTH ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
Burley	171.4250	123.0	162.7500	123.0	GP A/G 41 (Primary)	167.4750	n/a
South Point	171.4250	123.0	162.7500	88.5	GP A/G 22 (Secondary)	168.4000	n/a
					National Flight Following	168.6500	110.9

GPFN02 – Mineral Block WUI

RESPONSE LEVEL		LOW 1 – 3	MODERATE 4	HIGH 5
South Cascades ERC		0 – 47	48 - 55	56+
Response		1 IA Module	1 IA Module	2 IA Module
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) WA DNR Pacific Cascade Region (360-577-2025) if fire is in Lewis County. WA DNR South Puget Sound Region (360-825-1631) if fire is in Thurston County. Lewis County Sheriff's Office (360-748-9286) if fire is in Lewis County. Thurston County Sheriff's Office (360-786-5500) if fire is in Thurston County. Special Considerations: Check availability of DNR helicopters for incident near the boundary line. If structures are threatened have RFD respond with engines. Hazards: Military Training Route: IR 344 Power Lines General Public Recreation Radio coverage is spotty- Consider ordering a mobile repeater. WUI Locations: Pleasant Valley Mineral Residents along Hwy 7 Residents along SR508			
	NORTH ZONE			
	Repeater	RX	Tone	TX
	Burley	171.4250	123.0	162.7500
	South Point	171.4250	123.0	88.5
	AVIATION FREQUENCY			
	Name		RX/TX	Tone
	GP A/G 41 (Primary)		167.4750	n/a
	GP A/G 22 (Secondary)		168.4000	n/a
	National Flight Following		168.6500	110.9

GPFN03 – Glacier View

RESPONSE LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
South Cascades ERC	0 - 47	48 - 55	56+
Response	1 IA Module	1 IA Module	1 IA Module

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.
Suggested closest resources (these are only suggestions to help the dispatcher get started):

Cowlitz Valley Ranger District (North Zone)
FS Squad - 41 (Randle)
Primary Notifications:
 FS Zone Duty Officer
 FS Forest Duty Officer

Other Notifications:
 FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556)
 Puget Sound Communication Center (425-783-6150)
 WA DNR South Puget Sound Region (360-825-1631) **if near state/private boundary.**
 Pierce County Sheriff's Office (253-798-4721)

Special Considerations:
 Check availability of DNR helicopters for incident near the boundary line.
 If structures are threatened have RFD respond with engines.

Hazards:
 Military Training Route: IR 344
 Power Lines
 General Public Recreation
Radio coverage is spotty- Consider ordering a mobile repeater.

NORTH ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
Burley	171.4250	123.0	162.7500	123.0	GP A/G 41 (Primary)	167.4750	n/a
South Point	171.4250	123.0	162.7500	88.5	GP A/G 22 (Secondary)	168.4000	n/a
					National Flight Following	168.6500	110.9

GPFN04 – Glacier View Wilderness

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5				
South Cascades ERC		0 - 47	48 - 55	56+				
Response		Zone POC aerial recon	Zone DO aerial recon	Zone DO aerial recon				
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) FS Forest Supervisor or Delegated Line Officer (For use of mechanized equipment and/or aircraft in wilderness areas) Mt. Rainer National Park (360-569-2211) DNR- South Puget Sound (360-825-1631) Puget Sound Communication Center (425-783-6150) Pierce County Sheriff’s Office (253-798-4721) Special Considerations/Hazards: Military Training Route: IR 344 VR 1355 General Public – Evacuation of nearby Wilderness trail systems. Check availability of DNR helicopters for incident near the boundary line. Radio coverage is very spotty- Consider ordering a mobile repeater.							
	NORTH ZONE				AVIATION FREQUENCY			
	Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
	Burley	171.4250	123.0	162.7500	123.0	GP A/G 41 (Primary)	167.4750	n/a
	South Point	171.4250	123.0	162.7500	88.5	GP A/G 22 (Secondary)	168.4000	n/a
						National Flight Following	168.6500	110.9

PROCEDURES

GPFN06 – Silver Creek

RESPONSE LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
South Cascades ERC	0 - 47	48 - 55	56+
Response	1 IA Module	1 IA Module	1 IA Module

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.

Suggested closest resources (these are only suggestions to help the dispatcher get started):

Cowlitz Valley Ranger District (North Zone)

FS Squad - 41 (Randle)

Primary Notifications:

FS Zone Duty Officer

FS Forest Duty Officer

Other Notifications:

FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556)

WA DNR Pacific Cascade Region (360-577-2025) **if near state/private boundary.**

Mt. Rainer National Park (360-569-2211) **if near park boundary.**

Lewis County Sheriff's Office (360-748-9286)

Special Considerations:

Check availability of DNR helicopters for incident near the boundary line.

If structures are threatened have RFD respond with engines.

Hazards:

Military Training Route: IR 344

Power Lines

General Public Recreation

NORTH ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
Burley	171.4250	123.0	162.7500	123.0	GP A/G 41 (Primary)	167.4750	n/a
South Point	171.4250	123.0	162.7500	88.5	GP A/G 22 (Secondary)	168.4000	n/a
					National Flight Following	168.6500	110.9

GPFN07 – Tatoosh Wilderness

RESPONSE LEVEL		LOW1 - 3	MODERATE 4	HIGH 5	
South Cascades ERC		0 - 47	48 - 55	56+	
Response		Zone POC aerial recon	Zone DO aerial recon	Zone DO aerial recon	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) FS Forest Supervisor or Delegated Line Officer (For use of mechanized equipment and/or aircraft in wilderness areas) Mt. Rainer National Park (360-569-2211) DNR- Pacific Cascade (360-577-2025) Lewis County Sheriff's Office (360-748-9286) Special Considerations/Hazards: Military Training Route: IR 344 VR 1355 General Public – Evacuation of nearby Wilderness trail systems. Check availability of DNR helicopters for incident near the boundary line.				

GPFN08 – Ohanapecosh

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5																																								
South Cascades ERC		0 - 47	48 - 55	56+																																								
Response		1 IA Module	1 IA Module	1 IA Module																																								
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) Mt. Rainer National Park (360-569-2211) if near park boundary. Lewis County Sheriff’s Office (360-748-9286) WA DNR Pacific Cascade Region (360-577-2025) if near private land. Call Jeremy Baldwin if fire is near private land located in (T14N R10E Sec31) Call G&J Logging & Kenneth Cheeseman if fire is near private land located in (T14N R10E Sec13) Special Considerations: Check availability of DNR helicopters for incident near the boundary line. If structures are threatened have RFD respond with engines. Hazards: Military Training Route: IR 344 Power Lines General Public Recreation																																											
<table><tr><th colspan="5">NORTH ZONE</th><th colspan="3">AVIATION FREQUENCY</th></tr><tr><th>Repeater</th><th>RX</th><th>Tone</th><th>TX</th><th>Tone</th><th>Name</th><th>RX/TX</th><th>Tone</th></tr><tr><td>Burley</td><td>171.4250</td><td>123.0</td><td>162.7500</td><td>123.0</td><td>GP A/G 41 (Primary)</td><td>167.4750</td><td>n/a</td></tr><tr><td>South Point</td><td>171.4250</td><td>123.0</td><td>162.7500</td><td>88.5</td><td>GP A/G 22 (Secondary)</td><td>168.4000</td><td>n/a</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>National Flight Following</td><td>168.6500</td><td>110.9</td></tr></table>					NORTH ZONE					AVIATION FREQUENCY			Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone	Burley	171.4250	123.0	162.7500	123.0	GP A/G 41 (Primary)	167.4750	n/a	South Point	171.4250	123.0	162.7500	88.5	GP A/G 22 (Secondary)	168.4000	n/a						National Flight Following	168.6500	110.9
NORTH ZONE					AVIATION FREQUENCY																																							
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone																																					
Burley	171.4250	123.0	162.7500	123.0	GP A/G 41 (Primary)	167.4750	n/a																																					
South Point	171.4250	123.0	162.7500	88.5	GP A/G 22 (Secondary)	168.4000	n/a																																					
					National Flight Following	168.6500	110.9																																					

GPFN09 – William O Douglas Wilderness

RESPONSE LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5		
South Cascades ERC	0 - 47	48 - 55	56+		
Response	Zone POC aerial recon	Zone DO aerial recon	Zone DO aerial recon		
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) FS Forest Supervisor or Delegated Line Officer (For use of mechanized equipment and/or aircraft in wilderness areas) Central Washington Communication Center (509-884-3473) if fire is near forest boundary. Mt. Rainer National Park (360-569-2211) if fire is near park boundary. Lewis County Sheriff’s Office (360-748-9286) Special Considerations/Hazards: Military Training Route: IR 344 VR 1355 General Public – Evacuation of nearby Wilderness trail systems. Check availability of DNR helicopters for incident near the boundary line.				
	NORTH ZONE				
	Repeater	RX	Tone	TX	Tone
	Burley	171.4250	123.0	162.7500	123.0
	South Point	171.4250	123.0	162.7500	88.5
	AVIATION FREQUENCY				
	Name		RX/TX	Tone	
	GP A/G 41 (Primary)		167.4750	n/a	
	GP A/G 22 (Secondary)		168.4000	n/a	
National Flight Following		168.6500	110.9		

GPFN10 – Randle WUI

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5				
South Cascades ERC		0 - 47	48 - 55	56+				
Response		1 IA Module	1 IA Module	2 IA Module				
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) WA DNR Pacific Cascade Region (360-577-2025) Lewis County Sheriff’s Office (360-748-9286) Special Considerations: Check availability of DNR helicopters for incident near the boundary line. If structures are threatened have RFD respond with engines. Hazards: Military Training Route: IR 344 Power Lines General Public Recreation WUI Locations: Randle Residents along Hwy 12 Residents along SR 131							
	NORTH ZONE				AVIATION FREQUENCY			
	Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
	Burley	171.4250	123.0	162.7500	123.0	GP A/G 41 (Primary)	167.4750	n/a
	South Point	171.4250	123.0	162.7500	88.5	GP A/G 22 (Secondary)	168.4000	n/a
						National Flight Following	168.6500	110.9

GPFN11 – Packwood WUI

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
South Cascades ERC		0 - 47	48 - 55	56+	
Response		1 IA Module	1 IA Module	2 IA Module	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) WA DNR Pacific Cascade Region (360-577-2025) Lewis County Sheriff’s Office (360-748-9286) Special Considerations: Check availability of DNR helicopters for incident near the boundary line. If structures are threatened have RFD respond with engines. Hazards: Military Training Route: IR 344 Power Lines General Public Recreation WUI Locations: Packwood High Valley Timberline Residents along Hwy 12				

PROCEDURES

General Public Recreation

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GPFN13 – Goat Rock Wilderness

RESPONSE LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5		
South Cascades ERC	0 - 47	48 - 55	56+		
Response	Zone POC aerial recon	Zone DO aerial recon	Zone DO aerial recon		
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) FS Forest Supervisor or Delegated Line Officer (For use of mechanized equipment and/or aircraft in wilderness areas) Central Washington Communication Center (509-884-3473) if fire is near forest boundary. Yakima Nation (Call Don Jones BIA FMO, Cell 509-853-8869 if near Yakima BIA boundary) Lewis County Sheriff’s Office (360-748-9286) if fire is in Lewis County. Yakima County Sheriff’s Office (509-574-2500) if fire is in Yakima County. Special Considerations/Hazards: Military Training Route: IR 344 VR 1355 General Public – Evacuation of nearby Wilderness trail systems. Check availability of DNR helicopters for incident near the boundary line.				
	NORTH ZONE				
	Repeater	RX	Tone	TX	Tone
	Burley	171.4250	123.0	162.7500	123.0
	South Point	171.4250	123.0	162.7500	88.5
	AVIATION FREQUENCY				
	Name		RX/TX	Tone	
	GP A/G 41 (Primary)		167.4750	n/a	
	GP A/G 22 (Secondary)		168.4000	n/a	
	National Flight Following		168.6500	110.9	

GPFN14 – White Pass WUI

RESPONSE LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
South Cascades ERC	0 - 47	48 - 55	56+
Response	1 IA Module	1 IA Module	2 IA Module

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.
Suggested closest resources (these are only suggestions to help the dispatcher get started):

Cowlitz Valley Ranger District (North Zone)

FS Squad - 41 (Randle)

Primary Notifications:

FS Zone Duty Officer

FS Forest Duty Officer

Other Notifications:

FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556)

Central Washington Communication Center (509-884-3473)

Lewis County Sheriff's Office (360-748-9286) if fire is in Lewis County.

Yakima County Sheriff's Office (509-574-2500) if fire is in Yakima County.

Special Considerations:

Check availability of DNR helicopters for incident near the boundary line.

If structures are threatened have RFD respond with engines.

Hazards:

Military Training Route: IR 344

Power Lines

General Public Recreation

WUI Locations:

White Pass Ski Resort

NORTH ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
Burley	171.4250	123.0	162.7500	123.0	GP A/G 41 (Primary)	167.4750	n/a
South Point	171.4250	123.0	162.7500	88.5	GP A/G 22 (Secondary)	168.4000	n/a
					National Flight Following	168.6500	110.9

GPFN15 – Lower Cispus

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
South Cascades ERC		0 - 47	48 - 55	56+	
Response		1 IA Module	1 IA Module	1 IA Module	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) Yakima Nation (Call Don Jones BIA FMO, Cell 509-853-8869if near Yakima BIA boundary) Lewis County Sheriff’s Office (360-748-9286) if fire is in Lewis County. Skamania County Sheriff’s Office (509-427-9490) if fire is in Skamania County. WA DNR Pacific Cascade Region (360-577-2025) if near private land. Call Port Blakely Tree Farms if fire is near private land located in (T11N R6E Sec25, 26 & T10N R6E Sec1) Special Considerations: Check availability of DNR helicopters for incident near the boundary line. If structures are threatened have RFD respond with engines. Hazards: Military Training Route: IR 344 Power Lines General Public Recreation				

GPFN16 – Cispus WUI

RESPONSE LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
South Cascades ERC	0 - 47	48 - 55	56+
Response	1 IA Module	1 IA Module	2 IA Module

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.
Suggested closest resources (these are only suggestions to help the dispatcher get started):

Cowlitz Valley Ranger District (North Zone)

FS Squad - 41 (Randle)

Primary Notifications:

FS Zone Duty Officer

FS Forest Duty Officer

Other Notifications:

FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556)

WA DNR Pacific Cascade Region (360-577-2025)

Lewis County Sheriff's Office (360-748-9286)

Special Considerations:

Check availability of DNR helicopters for incident near the boundary line.

If structures are threatened have RFD respond with engines.

Hazards:

Military Training Route: IR 344

Power Lines

General Public Recreation

WUI Locations:

Cispus Community

Cispus Learning Center

<div><div></div><div>NORTH ZONE</div></div>					AVIATION FREQUENCY			
					Name		RX/TX	Tone
					GP A/G 41 (Primary)		167.4750	n/a
					GP A/G 22 (Secondary)		168.4000	n/a
					National Flight Following		168.6500	110.9
Repeater	RX	Tone	TX	Tone				
Burley	171.4250	123.0	162.7500	123.0				
South Point	171.4250	123.0	162.7500	88.5				

GPFN17 – Upper Cispus

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5
South Cascades ERC		0 - 47	48 - 55	56+
Response		1 IA Module	1 IA Module	1 IA Module
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) Yakima Nation (Call Don Jones BIA FMO, Cell 509-853-8869if near Yakima BIA boundary) Lewis County Sheriff’s Office (360-748-9286) if fire is in Lewis County. Skamania County Sheriff’s Office (509-427-9490) if fire is in Skamania County. WA DNR Pacific Cascade Region (360-577-2025) if near private land. Call Patricia Vance if fire is near private land located in (T11N R7E Sec1) Call Leith and Kimberly Olive if fire is near private land located in (T11N R7E Sec2 & T12N R7E Sec36) Call Danial Bemis if fire is near private land located in (T11N R7E Sec3) Special Considerations: Check availability of DNR helicopters for incident near the boundary line. If structures are threatened have RFD respond with engines. Hazards: Military Training Route: IR 344 Power Lines General Public Recreation			

GPFN18 – Midway

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5																																								
South Cascades ERC		0 – 47	48 - 55	56+																																								
Response		1 IA Module	1 IA Module	1 IA Module																																								
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. Suggested <u>closest resources</u> (these are only suggestions to help the dispatcher get started): <u>Cowlitz Valley Ranger District (North Zone)</u> FS Squad - 41 (Randle) Primary Notifications: FS Zone Duty Officer FS Forest Duty Officer Other Notifications: FS CV District Ranger (Gar Abbas W: 360-497-1105 C: 360-520-5556) Central Washington Communication Center (509-884-3473) if near Forest boundary. Yakima Nation (Call Don Jones BIA FMO, Cell 509-853-8869 if near Yakima BIA boundary) Lewis County Sheriff’s Office (360-748-9286) if fire is in Lewis County. Skamania County Sheriff’s Office (509-427-9490) if fire is in Skamania County. Yakima County Sheriff’s Office (509-574-2500) if fire is in Yakima County. Special Considerations: Check availability of DNR helicopters for incident near the boundary line. If structures are threatened have RFD respond with engines. Hazards: Military Training Route: IR 344 Power Lines General Public Recreation																																											
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					National Flight Following	168.6500	110.9																																					

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5																															
South Cascades ERC		0 - 47	48 - 55	56+																															
Response		ICT5	1 Engine or 1 IA Squad	1 Engine or 1 IA Squad (Responding resource includes ICT4)																															
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. <u>South Zone Closest Resources</u> Type 6 E-631 (Trout Lake) Type 6 E-632 (Trout Lake) FS IA Squad-31 (Amboy)																																		
	Primary Notifications: Zone Duty Officer Forest Duty Officer																																		
	Other Notifications: Emily Platt – MTA District Ranger Rebecca Hoffman – MSH Monument Ranger Jason Aurit - LEO SW WADNR – Pacific Cascade Region Cooperating Agency																																		
	Special Considerations/Hazards/Values: Public Use – Johnston Ridge Observatory (JRO), Cold Water Visitor Center, and the Mount Margret Back Country, Ape Cave, Kalama Horse Camp, Climbers Bivouac. National Monument - Request use of Helicopter buckets and landing zones. Bodies of Water – All water bodies within the Legislative Monument Boundary. Hazards – Military Training Route: IR 344/IR 460/VR 1355, Power Lines, Volcanic Eruption.																																		
	No Dip Lakes: Spirit Lake, Grizzly, Boot and St. Helens.																																		
	Request Permission: all other lakes within the Legislative Monument needs to be granted by the Monument Ranger.																																		
	Approved Lakes outside of the Legislative Monument: South of Monument: Swift and Yale Reservoirs North of Monument: Riffe Lake East of Monument/Spirit Lake area: Curtis Lake (T: 9N, R 6E, sec 9)																																		
	<div> <div>SOUTH ZONE</div> <table> <tr> <th>Repeater</th> <th>RX</th> <th>Tone</th> <th>TX</th> <th>Tone</th> </tr> <tr> <td>Mitchell</td> <td>172.2250</td> <td>123.0</td> <td>166.0000</td> <td>167.9</td> </tr> <tr> <td>Cold Water</td> <td>172.2250</td> <td>123.0</td> <td>166.0000</td> <td>136.5</td> </tr> <tr> <td>Davis</td> <td>172.2250</td> <td>123.0</td> <td>166.0000</td> <td>127.3</td> </tr> <tr> <td>Pt 3670</td> <td>172.2250</td> <td>123.0</td> <td>166.0000</td> <td>100.0</td> </tr> <tr> <td>Look Out</td> <td>172.3250</td> <td>123.0</td> <td>164.1375</td> <td>100.0</td> </tr> </table> </div>					Repeater	RX	Tone	TX	Tone	Mitchell	172.2250	123.0	166.0000	167.9	Cold Water	172.2250	123.0	166.0000	136.5	Davis	172.2250	123.0	166.0000	127.3	Pt 3670	172.2250	123.0	166.0000	100.0	Look Out	172.3250	123.0	164.1375	100.0
	Repeater	RX	Tone	TX	Tone																														
	Mitchell	172.2250	123.0	166.0000	167.9																														
Cold Water	172.2250	123.0	166.0000	136.5																															
Davis	172.2250	123.0	166.0000	127.3																															
Pt 3670	172.2250	123.0	166.0000	100.0																															
Look Out	172.3250	123.0	164.1375	100.0																															
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National Flight Following	168.6500	110.9																																	

GPFS02 – General South Zone

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
South Cascades ERC		0 - 47	48 - 55	56+	
Response		ICT5	1 Engine or 1 IA Squad	1 Engine or 1 IA Squad (Responding resource includes ICT4)	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.				
	<u>South Zone Closest Resources</u> Type 6 E-631 (Trout Lake) Type 6 E-632 (Trout Lake) FS IA Squad-31 (Amboy)				
	Primary Notifications: Zone Duty Officer Forest Duty Officer				
	Other Notifications: Emily Platt – MTA District Ranger Rebecca Hoffman – MSH Monument Ranger Jason Aurit – LEO CRGNSA – Columbia River Gorge National Scenic Area SW WADNR – Cooperating Agency				
	Special Considerations/Hazards/Values: Campgrounds – Beaver, Lewis River Horse Camp, Lower Falls, Tillicum, Surprise Lake, Falls Cr. Horse Camp, Crest Horse Camp, Paradise Cr, Canyon Cr., Panther Cr, Sunset, Twin Falls. General Public Recreation– Siouxon TH, Government Mineral Springs Rec Rentals Bodies of Water – Lewis River, Wind River, Mosquito Lakes, Steamboat Lake, Curly Cr., Falls Cr., Panther Cr. Hazards – Military Training Route: IR 344/IR 460/VR 1355				
	Dip Sites: Mosquito Lakes T7N R8E Sec 2 Steamboat Lake T7N R9E Sec 5 Council Lake T9N R9E Sec 13 Takhlakh Lake R9N R10E Sec 8 Swift Reservoir T7N R5/6E Badger Lake T9N R7E Sec 2 Blue Lake T9N R8E Sec 30				

GPFS03 – Indian Heaven & Trapper Cr. Wilderness Area

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
South Cascades ERC		0 - 47	48 - 55	56+	
Response		ICT5	1 Engine or 1 IA Squad	1 Engine or 1 IA Squad (Responding resource includes ICT4)	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.				
	<u>South Zone Closest Resources</u> Type 6 E-631 (Trout Lake) Type 6 E-632 (Trout Lake) FS IA Squad-31 (Amboy)				
	Primary Notifications: Zone Duty Officer Forest Duty Officer				
	Other Notifications: Emily Platt – MTA District Ranger Rebecca Hoffman – MSH Monument Ranger Jason Aurit – LEO				
	Special Considerations/Hazards/Values: Adjacent Campgrounds – Cultus Cr. C.G., Little Goose & Falls Creek Horse Camp. General Public – Pacific Crest Trail, East Crater Trail, Lemei Trail, Placid Lake Trail, Thomas Lake Trail, Indian Race Track Trail Head. Bodies of Water – Bear Lake, Blue Lake, Clear Lake, Deep Lake, Placid Lake, Thomas Lake, Wood Lake, Soda Peaks Lake. Wilderness Areas – Request use of Helicopter buckets, landing and chainsaws for Line Officer Approval. Hazards – Military Training Route: IR 344/IR 460/VR 1355				
	Dip Sites: Permission needs to be requested and granted by Mt. Adams District Ranger. No Dip Lake: Lake Wapiki				
	<u>Approved Lakes within Mt. Adams Wilderness Area:</u> Bear Lake T6N R8E Sec 10 - Chenamus Lake T6N R8E Sec 4 Blue Lake T6N R8E Sec 27 - Elk Lake T6N R8E Sec 10 Clear Lake T6N R8E Sec 10 - Lemei Lake T6N R8E Sec 11 Deep Lake T6N R8E Sec 10 - Placid Lake T6N R8E Sec 4 Thomas Lake T6N R8E Sec 20 - Wood Lake T7N R8E Sec 34 Soda Peaks Lake T5N R6E Sec 27				

GPFS04 – Huckleberry

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5				
South Cascades ERC		0 - 47	48 - 55	56+				
Response		ICT5	1 Engine or 1 IA Squad	1 Engine or 1 IA Squad (Responding resource includes ICT4)				
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.							
	<u>South Zone Closest Resources</u> Type 6 E-631 (Trout Lake) Type 6 E-632 (Trout Lake) FS IA Squad-31 (Amboy)							
	Primary Notifications: Zone Duty Officer Forest Duty Officer							
	Other Notifications: Emily Platt – MTA District Ranger Jason Aurit - LEO WADNR – Cooperating Agency							
	Special Considerations/Hazards/Values: Campgrounds – Forlorn Lakes, Goose Lake, Hidden Lakes, Little Goose, Little Goose Horse Camp, Cultus Cr., Peterson Prairie, Mt. Adams Horse Camp, Oklahoma (Heavy Public Use). Valuable Structures – Peterson Prairie Cabin, Gotchen Cabin Bodies of Water – Comcomly Lake, Forlorn Lakes, Goose Lake, Hidden Lakes, White Salmon, Trout Lake Cr. Wilderness Areas – Mt. Adams Wilderness, Indian Heaven Wilderness Hazards – Military Training Route: IR 344/IR 460/VR 1355							
	Dip Sites: Comcomly Lake T6N R9E Sec. 7 Forlorn Lakes T6N R8E Sec. 35/36 Goose Lake T5N R3E Sec. 11 Little Goose Lake T6N R9E Sec 6 Hidden Lakes T7N R9E Sec. 31 Steamboat Lake T7N R9E Sec 5							
	SOUTH ZONE					AVIATION FREQUENCY		
	Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
	Red Mountain	172.3250	123.0	164.1375	136.5	GP A/G 41 (Primary)	167.4750	n/a
	GP Defiance	172.3250	123.0	164.1375	192.8	GP A/G 22 (Secondary)	168.4000	n/a
Flat Top	172.3250	123.0	164.1375	127.3	National Flight Following	168.6500	110.9	
Look Out	172.3250	123.0	164.1375	100.0				

GPFS05 – Mt. Adams Wilderness

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
South Cascades ERC		0 - 47	48 - 55	56+	
Response		ICT5	1 Engine or 1 IA Squad	1 Engine or 1 IA Squad (Responding resource includes ICT4)	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.				
	<u>South Zone Closest Resources</u> Type 6 E-631 (Trout Lake) Type 6 E-632 (Trout Lake) FS IA Squad-31 (Amboy)				
	Primary Notifications: Zone Duty Officer Forest Duty Officer				
	Other Notifications: Emily Platt – MTA District Ranger Jason Aurit - LEO Yakama Nation – Cooperating Agency				
	Special Considerations/Hazards/Values: General Public – Cold Springs C.G., South Climb Trail, Pacific Crest Trail, Crofton Ridge Trail, (Heavy Public Use). Bodies of Water – White Salmon River Wilderness Area – Request use of Helicopter buckets, landing zones and chainsaws for Line Officer Approval. Hazards – Military Training Route: IR 344/IR 460/VR 1355				
	Dip Sites:				
	<u>Request Permission:</u> Permission needs to be granted by Mt. Adams District Ranger. Bench Lake T8N R11E Sec 26 Island Pond T8N R10E Sec 8 Lookingglass Lake T8N R10E Sec 21				

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East Zone MHF

MHFE01 – Hatfield Wilderness East

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5						
MHFW-ERC		0-38	39-59	60+						
RESPONSE LEVEL (Minimum Resources)		1-IA Engine Module Type 3,4,6 or 1 Squad	1-IA Engine Module Type 3,4,6 1-T3 Helicopter for Recon	1-IA Engine Module Type 3,4,6 1-T3 Helicopter for Recon						
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.									
	<u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)									
	Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer									
	Other Notifications (as appropriate): FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017 FS CRGCA Duty Officer FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) Mt. Hood West Zone Duty Officer ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285)									
	Special Considerations/Hazards/Values: FS District Ranger (For use of mechanized equipment and/or aircraft in wilderness areas) Bull Run Water Shed (W-SW Border) BPA lines (NW Side) Mt. Defiance Communication site Indian Mt. Repeater									
	Dip Sites: Columbia River (internal tank only) Wahtum Lake Bear Lake									
	IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)									
	EAST ZONE						AVIATION FREQUENCY			
	Repeater	RX	Tone	TX	Tone		Name		RX/TX	Tone
	MH Defiance	169.9250	123.0	162.6125	162.2		MH A/G 50 (Primary)		168.2875	n/a
Mill Creek	169.9250	123.0	162.6125	127.3	MH A/G 09 (Secondary)		166.9125	n/a		
Indian East	169.9250	123.0	162.6125	136.5	National Flight Following		168.6500	110.9		

MHFE02 – Defiance

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
RESPONSE LEVEL (Minimum Resources)		1-Engine type or Patrol or Squad	2-IA Engine Module Type3,4,6 1-T2IA Hand Crew	3-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	<u>East Zone Normal Recourses</u>						
	FS Engine E-321 (Parkdale)						
	FS Engine E-423 (Dufur)						
	Primary Notifications:						
	FS East Zone Duty Officer						
	FS Forest Duty Officer						
	Other Notifications (as appropriate within 1 mile of Coops protection area):						
	FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017)						
	FS NSA Duty Officer						
	FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233)						
	FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606)						
ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285)							
Special Considerations/Hazards/Values:							
Mt. Defiance Communication site							
Indian Mt. Repeater							
Developed Rec Sites							
Privet Timber land Bordering							
Dip Sites:							
Columbia River(internal tank only),Lost Lake, Wahtum Lake, Bear Lake, Green Point Reservoir							
IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)							
EAST ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
MH Defiance	169.9250	123.0	162.6125	162.2	MH A/G 50 (Primary)	168.2875	n/a
Mill Creek	169.9250	123.0	162.6125	127.3	MH A/G 09 (Secondary)	166.9125	n/a
Indian East	169.9250	123.0	162.6125	136.5	National Flight Following	168.6500	110.9

MHFE03 – Lost Lake

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
RESPONSE LEVEL (Minimum Resources)		1-Engine type or Patrol or Squad	2-IA Engine Module Type3,4,6 1-T2IA Hand Crew	3-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	<u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)						
	Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer						
	Other Notifications (as appropriate within 1 mile of Coops protection area): FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017 MHF West Zone Duty Officer FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285) Hood River County Sheriff(if Evacuations are Needed)						
	Special Considerations/Hazards/Values: BPA lines Lost Lake (Extremely Popular Rec Area) Developed Rec Sites Privet Timber land Bordering Bill Run Water Shed						
	Dip Sites: Columbia River(internal tank only),Lost Lake, Wahtum Lake, Bear Lake, Green point Reservoir Bull Run (Promotion from ZIGZAG Ranger)						
	IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)						
	EAST ZONE					AVIATION FREQUENCY	
	Repeater	RX	Tone	TX	Tone	Name	RX/TX Tone
	MH Defiance	169.9250	123.0	162.6125	162.2	MH A/G 50 (Primary)	168.2875 n/a
	Mill Creek	169.9250	123.0	162.6125	127.3	MH A/G 09 (Secondary)	166.9125 n/a
	Indian East	169.9250	123.0	162.6125	136.5	National Flight Following	168.6500 110.9
Flag Point	169.9250	123.0	162.6125	114.8			

MHFE04 – Red Hill

DISPATCH LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
MHFW-ERC	0-38	39-59	60+
RESPONSE LEVEL (Minimum Resources)	1-Engine type or Patrol or Squad	2-IA Engine Module Type3,4,6 1-T2IA Hand Crew	3-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.

East Zone Normal Recourses

FS Engine E-321 (Parkdale)

FS Engine E-423 (Dufur)

Primary Notifications:

FS East Zone Duty Officer

FS Forest Duty Officer

Other Notifications (as appropriate within 1 mile of Coops protection area):

FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017)

MHF West Zone Duty Officer

FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233)

FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606)

ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285)

Hood River County Sheriff(if Evacuations are Needed)

Parkdale Rural FD

Special Considerations/Hazards/Values:

BPA lines

Laurence Lake Camp Ground

Lava Bed Geo Site

Dip Sites:

Columbia River(internal tank),Lost Lake, Wahtum Lake, Laurence Lake

Bull Run (Promotion from ZIGZAG Ranger)

IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)

EAST ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
MH Defiance	169.9250	123.0	162.6125	162.2	MH A/G 50 (Primary)	168.2875	n/a
Mill Creek	169.9250	123.0	162.6125	127.3	MH A/G 09 (Secondary)	166.9125	n/a
Indian East	169.9250	123.0	162.6125	136.5	National Flight Following	168.6500	110.9
Flag Point	169.9250	123.0	162.6125	114.8			

MHFE05 – HWY 35

DISPATCH LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
MHFE-ERC	0-57	58-70	71+
RESPONSE LEVEL (Minimum Resources)	1-Engine type or Patrol or Squad	2-IA Engine Module Type3,4,6 1-T2IA Hand Crew	3-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 1-FS LEO

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.

East Zone Normal Recourses

FS Engine E-321 (Parkdale)

FS Engine E-423 (Dufur)

Primary Notifications:

FS East Zone Duty Officer

FS Forest Duty Officer

Other Notifications (as appropriate within 1 mile of Coops protection area):

FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600)

FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017)

FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233)

FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606)

ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285)

Hood River County Sheriff (if on Hwy 35)

ODOT(If on Hwy 35)

OSP(If on Hwy 35)

Special Considerations/Hazards/Values:

Various Small Wilderness Along Bennet Pass Rd & NRA/wild and scenic Designation

White River Snow Park	Sherwood CG	Tea Cup Lake
Bennet Snow Park	Little John Snow Park	Mt. Hood Meadow Ski Area
ODOT Facilities	Tilly Jane	Cloud Cap Inn

Dip Sites

Jean Lake

Laurence Lake

Crow Creek Res.

IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)

EAST ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
MH Defiance	169.9250	123.0	162.6125	162.2	MH A/G 50 (Primary)	168.2875	n/a
Mill Creek	169.9250	123.0	162.6125	127.3	MH A/G 09 (Secondary)	166.9125	n/a
Indian East	169.9250	123.0	162.6125	136.5	National Flight Following	168.6500	110.9
Flag Point	169.9250	123.0	162.6125	114.8			
Clear Lake	169.9250	123.0	162.6125	192.8			

MHFE06 – Mt. Hood Wilderness East

DISPATCH LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
MHFW-ERC	0-38	39-59	60+
RESPONSE LEVEL (Minimum Resources)	1-IA Engine Module Type 3,4,6 or 1 Squad	1-IA Engine Module Type 3,4,6 1-T3 Helicopter for Recon	1-IA Engine Module Type 3,4,6 1-T3 Helicopter for Recon 1-T2IA Hand Crew

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.

East Zone Normal Recourses

FS Engine E-321 (Parkdale)

FS Engine E-423 (Dufur)

Primary Notifications:

FS East Zone Duty Officer

FS Forest Duty Officer

Other Notifications (as appropriate):

FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017)

FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233)

FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606)

Mt. Hood West Zone Duty Officer

Special Considerations/Hazards/Values:

FS District Ranger(For use of mechanized equipment and/or aircraft in wilderness areas)

Timber Line Ski area

Mt. Hood Meadows Ski Area

Cloud Cap Inn

Pacific Crest Trail

Tilly Jane

Dip Sites:

Columbia River(internal tank only),Laurence Lake, Jean Lake

IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)

EAST ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
MH Defiance	169.9250	123.0	162.6125	162.2	MH A/G 50 (Primary)	168.2875	n/a
Mill Creek	169.9250	123.0	162.6125	127.3	MH A/G 09 (Secondary)	166.9125	n/a
Indian East	169.9250	123.0	162.6125	136.5	National Flight Following	168.6500	110.9
Flag Point	169.9250	123.0	162.6125	114.8			
Clear Lake	169.9250	123.0	162.6125	192.8			

MHFE07 – White River/Boulder

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
MHFE-ERC		0-57	58-70	71+	
RESPONSE LEVEL (Minimum Resources)		1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scoopers if not available- 1 Tanker closest available	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.				
	<u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)				
	Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer				
	Other Notifications (as appropriate within 1 mile of Coops protection area): FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600) FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017 FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) ODOT(If on Hwy 35) OSP(If on Hwy 35)				
	Special Considerations/Hazards/Values:				
	White River Snow Park		Boulder Lake CG	Little Boulder Lake	
	Bonney Meadow CG		Barlow Creek	Forest Creek CG	
	Camp Windy		Boy Scout Lodge(150 Spur-of HWY35)		
	Dip Sites: Jean Lake Boulder Lake Catalpa Clear Lake(Internal Tank Only)				
	IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)				

MHFE08 – Clear Lake

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5																																																
MHFW-ERC		0-38	39-59	60+																																																
RESPONSE LEVEL (Minimum Resources)		1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scooper or 1- CL214 Scooper																																																
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.																																																			
	<u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)																																																			
	Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer																																																			
	Other Notifications (as appropriate within 1 mile of Coops protection area): FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600) FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017 FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285)East of Hwy 26 ODF Molalla(If west of Hwy 26) ODOT(If on Hwy) Hood River County Sheriff/Wasco County Sheriff/OSP Warm Springs reservation Duty Officer																																																			
	Special Considerations/Hazards/Values:																																																			
	CJs (WUI off Hwy26)		Twin Lakes Rec area	Frog Lake																																																
	Clear Lake Rec area		Clear Lake Ditch	Pioneer Woman’s Grave																																																
	Fiber Optics Lines		Frog Lake Ditch	ODOT Stations																																																
	Cell Tower Frog Lake Butte																																																			
	Dip Sites Jean Lake Boulder Lake Catalpa Clear Lake(Internal Tank Only)																																																			
IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)																																																				
<table><tr><th colspan="5">EAST ZONE</th><th colspan="3">AVIATION FREQUENCY</th></tr><tr><td>Repeater</td><td>RX</td><td>Tone</td><td>TX</td><td>Tone</td><td>Name</td><td>RX/TX</td><td>Tone</td></tr><tr><td>Flag Point</td><td>169.9250</td><td>123.0</td><td>162.6125</td><td>114.8</td><td>MH A/G 50 (Primary)</td><td>168.2875</td><td>n/a</td></tr><tr><td>Clear Lake</td><td>169.9250</td><td>123.0</td><td>162.6125</td><td>192.8</td><td>MH A/G 09 (Secondary)</td><td>166.9125</td><td>n/a</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>National Flight Following</td><td>168.6500</td><td>110.9</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					EAST ZONE					AVIATION FREQUENCY			Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone	Flag Point	169.9250	123.0	162.6125	114.8	MH A/G 50 (Primary)	168.2875	n/a	Clear Lake	169.9250	123.0	162.6125	192.8	MH A/G 09 (Secondary)	166.9125	n/a						National Flight Following	168.6500	110.9								
EAST ZONE					AVIATION FREQUENCY																																															
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone																																													
Flag Point	169.9250	123.0	162.6125	114.8	MH A/G 50 (Primary)	168.2875	n/a																																													
Clear Lake	169.9250	123.0	162.6125	192.8	MH A/G 09 (Secondary)	166.9125	n/a																																													
					National Flight Following	168.6500	110.9																																													

MHFE09 – Bear Springs

DISPATCH LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
MHFE-ERC	0-57	58-70	71+
RESPONSE LEVEL (Minimum Resources)	1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.

East Zone Normal Recourses

FS Engine E-321 (Parkdale)

FS Engine E-423 (Dufur)

Primary Notifications:

FS East Zone Duty Officer

FS Forest Duty Officer

Other Notifications (as appropriate within 1 mile of Coops protection area):

FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600)

FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233)

FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606)

ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285)

Wasco County Sheriff

ODOT(If on Hwy 216

OSP(if on Hwy 216)

Warm Springs reservation Duty Officer

Juniper Flats VD courtesy Call

Special Considerations/Hazards/Values:

Grazing Allotment	Bear Springs CG	Bear Springs Drive (RVs)
BPA Lines	Clear Creek CG	Keeps Mill CG
White River Station	Clear Lake Repeater	Clear Lake Ditch
Fiber Optics line	Pioneer Woman's Grave	Bear Springs WC
Seed Orchard		

Dip Sites

Catalpa

Clear Lake

IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)

EAST ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
MH Defiance	169.9250	123.0	162.6125	162.2	MH A/G 50 (Primary)	168.2875	n/a
Mill Creek	169.9250	123.0	162.6125	127.3	MH A/G 09 (Secondary)	166.9125	n/a
Indian East	169.9250	123.0	162.6125	136.5	National Flight Following	168.6500	110.9
Flag Point	169.9250	123.0	162.6125	114.8			
Clear Lake	169.9250	123.0	162.6125	192.8			

MHFE10 – Rock Creek

DISPATCH LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
MHFE-ERC	0-57	58-70	71+
RESPONSE LEVEL (Minimum Resources)	1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scoopers if not available- 1 Tanker closest available

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.

East Zone Normal Recourses

FS Engine E-321 (Parkdale)

FS Engine E-423 (Dufur)

Primary Notifications:

FS East Zone Duty Officer

FS Forest Duty Officer

Other Notifications (as appropriate within 1 mile of Coops protection area):

FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600)

FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233)

FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606)

ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285)(ODFW)

Wasco County Sheriff (Evac of Sportsman Park)

ODOT(If on Hwy 216

OSP(if on Hwy 216)

Wamic VD courtesy Call

Special Considerations/Hazards/Values:

***SPORTSMAN PARK WUI**

Grazing Allotment	Power lines	Barlow Historic RD
Rock Creek OHV area	Rock Creek CG	Camp Cody
Rock Creek Ditch	Arch sites	Gate Creek Ditch
Boulder Creek Ditch	Highland Ditch	Rock Creek Res. area

Dip Sites

-Rock Creek Reservoir

-Pine Hollow Reservoir

IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)

EAST ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
MH Defiance	169.9250	123.0	162.6125	162.2	MH A/G 50 (Primary)	168.2875	n/a
Mill Creek	169.9250	123.0	162.6125	127.3	MH A/G 09 (Secondary)	166.9125	n/a
Indian East	169.9250	123.0	162.6125	136.5	National Flight Following	168.6500	110.9
Flag Point	169.9250	123.0	162.6125	114.8			
Clear Lake	169.9250	123.0	162.6125	192.8			

DISPATCH LEVEL

LOW 1 - 3

MODERATE 4

HIGH 5

MHFE-ERC

0-57

58-70

71+

RESPONSE LEVEL
(Minimum Resources)

1-IA Engine Module Type 3,4,6 or 1 Squad
--

1-IA Engine Module Type
3,4,6
1-T3 Helicopter for Recon

1-IA Engine Module Type 3,4,6
1-T3 Helicopter for Recon
1-T2IA Hand Crew

PROCEDURES

East Zone Normal Recourses

FS Engine E-321 (Parkdale)

FS Engine E-423 (Dufur)

Primary Notifications:

FS East Zone Duty Officer

FS Forest Duty Officer

Other Notifications (as appropriate):

FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017)

FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233)

FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606)

ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285)

Special Considerations/Hazards/Values:

*FS District Ranger(For use of mechanized equipment and/or aircraft in wilderness areas)

-No Lg ENG 140 spur off 4860 Rd or 200 spur off 2730 Rd or to Gum Juwac Saddle

- Badger Lake CG

-Flag Point Lookout & Repeater

-Bonney Crossing CG

-Lookout Mt. Historical site

-Highland Ditch(Irrigation Company)

Dip Sites:

-Badger Lake

- Jean Lake

-Opal Lake

IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)

EAST ZONE

AVIATION FREQUENCY

Repeater	RX	Tone	TX	Tone
IH Defiance	169.9250	123.0	162.6125	162.2
Mill Creek	169.9250	123.0	162.6125	127.3
Indian East	169.9250	123.0	162.6125	136.5
Flag Point	169.9250	123.0	162.6125	114.8
Clear Lake	169.9250	123.0	162.6125	192.8

Name	RX/TX	Tone
MH A/G 50 (Primary)	168.2875	n/a
MH A/G 09 (Secondary)	166.9125	n/a
National Flight Following	168.6500	110.9

MHFE12 – Tygh Creek

DISPATCH LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
MHFE-ERC	0-57	58-70	71+
RESPONSE LEVEL (Minimum Resources)	1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scoopers if not available- 1 Tanker closest available

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.

East Zone Normal Recourses

FS Engine E-321 (Parkdale)

FS Engine E-423 (Dufur)

Primary Notifications:

FS East Zone Duty Officer

FS Forest Duty Officer

Other Notifications (as appropriate within 1 mile of Coops protection area):

FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600)

FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233)

FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606)

ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285) (ODFW)

Wasco County Sheriff (For Evacs)

Wamic VD courtesy Call

Tygh VD courtesy Call

Special Considerations/Hazards/Values:

***Houses in T3S,R12E, Sec 3 and 2**

- ODFW white River Game MGMT area and Shed East of FS Border

-Little Badger CG

-Douglas Cabin LSR

-Bonney Crossing CG

-Highland Ditch

Dip Sites

-Badger Lake

-Rock Creek Reservoir

-Pine Hollow Reservoir

IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)

EAST ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
MH Defiance	169.9250	123.0	162.6125	162.2	MH A/G 50 (Primary)	168.2875	n/a
Mill Creek	169.9250	123.0	162.6125	127.3	MH A/G 09 (Secondary)	166.9125	n/a
Indian East	169.9250	123.0	162.6125	136.5	National Flight Following	168.6500	110.9
Flag Point	169.9250	123.0	162.6125	114.8			
Clear Lake	169.9250	123.0	162.6125	192.8			

MHFE13 – Camp Friend

DISPATCH LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
MHFE-ERC	0-57	58-70	71+
RESPONSE LEVEL (Minimum Resources)	1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scoopers if not available- 1 Tanker closest available

PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.		
	<p><u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)</p> <p>Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer</p> <p>Other Notifications (as appropriate within 1 mile of Coops protection area): FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600) FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285) (ODFW) Wasco County Sheriff (For Evacs)</p> <p>Special Considerations/Hazards/Values: *Dufur Watershed -15 Mile CG -Multiple Dispersed Camp Sites (Camp Friend, Owl Quarry) -Cedar Creek Trail -15 mile (Designated Wild and Scenic River and NRA)</p> <p>Dip Sites -Badger Lake -Opal Lake</p>		

IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)

EAST ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
Flag Point	169.9250	123.0	162.6125	114.8	MH A/G 50 (Primary)	168.2875	n/a
Clear Lake	169.9250	123.0	162.6125	192.8	MH A/G 09 (Secondary)	166.9125	n/a
					National Flight Following	168.6500	110.9

MHFE14 – Camp Baldwin

DISPATCH LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
MHFE-ERC	0-57	58-70	71+
RESPONSE LEVEL (Minimum Resources)	1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scoopers if not available- 1 Tanker closest available

PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.		
	<p><u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)</p> <p>Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer</p> <p>Other Notifications (as appropriate within 1 mile of Coops protection area): FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600) FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285) (ODFW) Wasco County Sheriff (For Evacs) Brian Kittleson Baldwin Camp Director(W: 541-467-2550 C:503-936-7294) Dave Anderson- Dalles Water Shed (541-506-2608)</p> <p>Special Considerations/Hazards/Values: -Camp Baldwin -Underhill CG, Pebble CG, 15 Mile CG, 8 Mile CG -Billy Bob Snow Park -Dufur Watershed -Wolf Run Ditch -Private Land E/SE of Camp Baldwin (Ken Thomas) -North Half of 15 Mile CK (Designated Wild and Scenic River & NRA)</p> <p>Dip Sites -Crow Creek Res. -Hanel Lake</p> <p>IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)</p>		

EAST ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
					MH A/G 50 (Primary)	168.2875	n/a
					MH A/G 09 (Secondary)	166.9125	n/a
					National Flight Following	168.6500	110.9

MHFE15 – 5 Mile

DISPATCH LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
MHFE-ERC	0-57	58-70	71+
RESPONSE LEVEL (Minimum Resources)	1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scoopers if not available- 1 Tanker closest available

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.

East Zone Normal Recourses

FS Engine E-321 (Parkdale)

FS Engine E-423 (Dufur)

Primary Notifications:

FS East Zone Duty Officer

FS Forest Duty Officer

Other Notifications (as appropriate within 1 mile of Coops protection area):

FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600)

FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233)

FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606)

ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285) (ODFW)

Wasco County Sheriff (For Evacs)

Brian Kittleson Baldwin Camp Director(W: 541-467-2550 C:503-936-7294)

Dave Anderson- Dalles Water Shed (541-506-2608)

Special Considerations/Hazards/Values:

-Camp Baldwin (to the South)

-The Dalles Watershed (to the North)

-5 Mile Butte Lookout rec site

-8 Mile CG, Knebal CG

-Polly Wag Dispersal Site (popular)

-The Dalles Ranch (Adjacent to FS Land)

-Arch Sites

Dip Sites

-Crow Creek Res.

-Hanel Lake

IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)

EAST ZONE					AVIATION FREQUENCY		
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone
MH Defiance	169.9250	123.0	162.6125	162.2	MH A/G 50 (Primary)	168.2875	n/a
Mill Creek	169.9250	123.0	162.6125	127.3	MH A/G 09 (Secondary)	166.9125	n/a
Indian East	169.9250	123.0	162.6125	136.5	National Flight Following	168.6500	110.9
Flag Point	169.9250	123.0	162.6125	114.8			
Clear Lake	169.9250	123.0	162.6125	192.8			

MHFE16 – The Dalles Watershed

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
MHFE-ERC		0-57	58-70	71+	
RESPONSE LEVEL (Minimum Resources)		1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scoopers if not available- 1 Tanker closest available	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.				
	<u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)				
	Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer				
	Other Notifications (as appropriate within 1 mile of Coops protection area): FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600) FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017 FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285) (ODFW) Dave Anderson- Dalles Water Shed (541-506-2608)				
	Special Considerations/Hazards/Values: _***The Dalles Watershed*** -5 Mile Butte Lookout Rec site(to the South) -8 Mile CG, Knebal CG -Polly Wag RAWs -High Prairie Parking area -Mill Creek Repeater -Several Major Trails				
	Dip Sites ****NO WATER FROM COLUMBIA RIVER*** -Crow Creek Res. -Opal Lake -Jean Lake				
	IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)				

MHFE17 – North Mill

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5
MHFE-ERC		0-57	58-70	71+
RESPONSE LEVEL (Minimum Resources)		1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scoopers if not available- 1 Tanker closest available
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.			
	<u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)			
	Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer			
	Other Notifications (as appropriate within 1 mile of Coops protection area): FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600) FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017 FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285) (ODFW) Dave Anderson- Dalles Water Shed (541-506-2608) BPA			
	Special Considerations/Hazards/Values:			
	The Dalles Watershed(to the South)		BPA Lines	North Trail
	Grazing Allotments(Dan Fersell Rang)		Gibson Horse Camp	Privet To the East
	Surveyors Ridge Trail		Timber Sales	North Fork Mill CK
	Dip Sites ***NO WATER FROM COLUMBIA RIVER*** -Crow Creek Res. -Ketchum Reservoir(ODF permission)			
	IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)			
EAST ZONE				
Repeater	RX	Tone	TX	Tone
MH Defiance	169.9250	123.0	162.6125	162.2
Mill Creek	169.9250	123.0	162.6125	127.3
Indian East	169.9250	123.0	162.6125	136.5
Flag Point	169.9250	123.0	162.6125	114.8
Clear Lake	169.9250	123.0	162.6125	192.8
AVIATION FREQUENCY				
Name		RX/TX	Tone	
MH A/G 50 (Primary)		168.2875	n/a	
MH A/G 09 (Secondary)		166.9125	n/a	
National Flight Following		168.6500	110.9	

MHFE35 – Upper HWY 35

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5
MHFW-ERC		0-38	39-59	60+
RESPONSE LEVEL (Minimum Resources)	1-Engine type or Patrol or Squad	2-IA Engine Module Type3,4,6 1-T2IA Hand Crew	3-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 1-FS LEO	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.			
	<u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)			
	Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer			
	Other Notifications (as appropriate within 1 mile of Coops protection area): FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600) FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017 FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285) Hood River County Sheriff (if on Hwy 35 ODOT(If on Hwy 35) OSP(If on Hwy 35)			
	Special Considerations/Hazards/Values: -Various Small Wilderness Along Bennet Pass Rd & NRA/wild and scenic Designation			
	White River Snow Park		Sherwood CG	Tea Cup Lake
	Bennet Snow Park		Little John Snow Park	Mt. Hood Meadow Ski Area
	ODOT Facilities		Tilly Jane	Cloud Cap Inn
	Dip Sites Jean Lake Laurence Lake Crow Creek Res.			
	IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)			
EAST ZONE				
Repeater	RX	Tone	TX	Tone
MH Defiance	169.9250	123.0	162.6125	162.2
Mill Creek	169.9250	123.0	162.6125	127.3
Indian East	169.9250	123.0	162.6125	136.5
Flag Point	169.9250	123.0	162.6125	114.8
Clear Lake	169.9250	123.0	162.6125	192.8
AVIATION FREQUENCY				
Name		RX/TX	Tone	
MH A/G 50 (Primary)		168.2875	n/a	
MH A/G 09 (Secondary)		166.9125	n/a	
National Flight Following		168.6500	110.9	

MHFE36 – Lower Mt Hood Wilderness East

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
MHFE-ERC		0-57	58-70	71+	
RESPONSE LEVEL (Minimum Resources)		1-IA Engine Module Type 3,4,6 or 1 Squad	1-IA Engine Module Type 3,4,6 1-T3 Helicopter for Recon	1-IA Engine Module Type 3,4,6 1-T3 Helicopter for Recon 1-T2IA Hand Crew	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.				
	East Zone Normal Recourses FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)				
	Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer				
	Other Notifications (as appropriate): FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017 FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) Mt. Hood West Zone Duty Officer				
	Special Considerations/Hazards/Values: FS District Ranger(For use of mechanized equipment and/or aircraft in wilderness areas)				
	Timber Line Ski area		Mt. Hood Meadows Ski Area	Cloud Cap Inn	
	Pacific Crest Trail		Tilly Jane		
	Dip Sites: Columbia River(internal tank only),Laurence Lake, Jean Lake,				
	IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)				

MHFE37 – Upper White River/Boulder

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5
MHFW-ERC		0-38	39-59	60+
RESPONSE LEVEL (Minimum Resources)	1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scoopers if not available- 1 Tanker closest available	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.			
	<u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur) Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer			
	Other Notifications (as appropriate within 1 mile of Coops protection area): FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600) FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017 FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) ODOT(If on Hwy 35) OSP(If on Hwy 35)			
	Special Considerations/Hazards/Values:			
	White River Snow Park		Boulder Lake CG	Little Boulder Lake
	Bonney Meadow CG		Barlow Creek	Forest Creek CG
	Camp Windy		Boy Scout Lodge(150 Spur-of HWY35)	
	Dip Sites Jean Lake Boulder Lake Catalpa Clear Lake(Internal Tank Only)			
	IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)			
	EAST ZONE			
Repeater	RX	Tone	TX	Tone
Flag Point	169.9250	123.0	162.6125	114.8
Clear Lake	169.9250	123.0	162.6125	192.8
AVIATION FREQUENCY				
Name		RX/TX	Tone	
MH A/G 50 (Primary)		168.2875	n/a	
MH A/G 09 (Secondary)		166.9125	n/a	
National Flight Following		168.6500	110.9	

MHFE38 – Frog Lake

DISPATCH LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5																																								
MHFE-ERC		0-57	58-70	71+																																								
RESPONSE LEVEL (Minimum Resources)		1-Engine type or Patrol or Squad	3-IA Engine Module Type3,4,6 1-T2IA Hand Crew	4-IA Engine Module Type3,4,6 1-T1 or T2 Helicopter with Bucket /Tank 1-T2IA or IHC Hand Crew 2-Fire Boss Scooper or 1- CL214 Scooper																																								
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.																																											
	<u>East Zone Normal Recourses</u> FS Engine E-321 (Parkdale) FS Engine E-423 (Dufur)																																											
	Primary Notifications: FS East Zone Duty Officer FS Forest Duty Officer																																											
	Other Notifications (as appropriate within 1 mile of Coops protection area): FS Barlow District Ranger (Kameron Sam W: 541-467-5101 C: 541-980-2600) FS Hood River District Ranger (Janeen Tervo W: 541-352-1201 C: 509-885-4017 FS LEO 6F64 Hood River RD (Joe Cook C: 541-806-0233) FS LEO 6F61 Barlow RD (Ed King C: 541-980-6606) ODF The Dalles (Kristin Dodd W: 541-296-4626 C: 541-233-3285)East of Hwy 26 ODF Molalla(If west of Hwy 26) ODOT(If on Hwy) Hood River County Sheriff/Wasco County Sheriff/OSP Warm Springs reservation Duty Officer																																											
	Special Considerations/Hazards/Values:																																											
	CJs (WUI off Hwy26)		Twin Lakes Rec area	Frog Lake																																								
	Clear Lake Rec area		Fiber Optics Lines	Cell Tower Frog Lake Butte																																								
	Clear Lake Ditch		Frog Lake Ditch	Pioneer Woman’s Grave																																								
	ODOT Stations																																											
	Dip Sites Jean Lake Boulder Lake Catalpa Clear Lake(Internal Tank Only)																																											
IA Module may be either Engine or a Squad (ICT5 + 2 FFTs)																																												
<table><tr><th colspan="5">EAST ZONE</th><th colspan="3">AVIATION FREQUENCY</th></tr><tr><td>Repeater</td><td>RX</td><td>Tone</td><td>TX</td><td>Tone</td><td>Name</td><td>RX/TX</td><td>Tone</td></tr><tr><td>Flag Point</td><td>169.9250</td><td>123.0</td><td>162.6125</td><td>114.8</td><td>MH A/G 50 (Primary)</td><td>168.2875</td><td>n/a</td></tr><tr><td>Clear Lake</td><td>169.9250</td><td>123.0</td><td>162.6125</td><td>192.8</td><td>MH A/G 09 (Secondary)</td><td>166.9125</td><td>n/a</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>National Flight Following</td><td>168.6500</td><td>110.9</td></tr></table>					EAST ZONE					AVIATION FREQUENCY			Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone	Flag Point	169.9250	123.0	162.6125	114.8	MH A/G 50 (Primary)	168.2875	n/a	Clear Lake	169.9250	123.0	162.6125	192.8	MH A/G 09 (Secondary)	166.9125	n/a						National Flight Following	168.6500	110.9
EAST ZONE					AVIATION FREQUENCY																																							
Repeater	RX	Tone	TX	Tone	Name	RX/TX	Tone																																					
Flag Point	169.9250	123.0	162.6125	114.8	MH A/G 50 (Primary)	168.2875	n/a																																					
Clear Lake	169.9250	123.0	162.6125	192.8	MH A/G 09 (Secondary)	166.9125	n/a																																					
					National Flight Following	168.6500	110.9																																					

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West Zone MHF

MHFW01 – Bull Run Watershed Management Unit

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHF West Zone ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	MHF West Zone Closest Resources						
	Zigzag RD(West Zone): Engine 311 Zigzag						
	Hood River RD (East Zone): Engine 321 Parkdale						
	Hoodland Fire District: Order through C-Comm 503-655-8211						
	Clackamas River RD (West Zone) Engine 312 Ripplebrook						
	Barlow RD (East Zone) Engine 423 Dufur						
	Primary Notifications:						
	Zone Duty Officer						
	Forest Duty Officer						
PWB Dispatch 503-823-6084							
(Floor Coordinator)							
Liane Davis Portland Water Bureau 503-823-7487 office or 541-231-7755 cell							
Portland Fire & Rescue (Request Duty Officer Notification)							
C-Com Notify Sandy Fire (Request Duty Officer Notification)							
ODF Molalla							
Other Notifications ([Conditions to consider]):							
PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines.							
BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines							
Special Considerations/Hazards/Values:							
Fires greater than 1 ac. will have a READ ordered							
All gates are locked with specific Bull Run Lock.							
Head Works 45° 26.795'N x 122° 9.160'W Chlorine storage building HAZMAT							
Bull Run Lake cabins 45° 27.640'N x 121° 50.651'W							
Walker Prairie cabin 45° 27.994'N x 122° 8.932'W							
Log Ck RAWS 45° 29.793' x 121° 53.786'							
Bear Ck. House 45° 28.904'N x 122° 5.121'W							
Hickman Lookout 45° 24.749'N x 121° 54.678'W staffed (July to October)							
Dip Sites: Contact Liane Davis prior to any dipping from any lake in the Bull Run Watershed							
Location Name		Lat/Long		Elevation	Accessible to		
Hickman Lk		45° 25.064' x 121° 54.698'		3300'	Type 1		
Goodfellow Lk		45° 25.485' x 121° 57.297'		2800'	Type 1		
Blue Lk		45° 29.976' x 121° 52.121'		3400'	Type 1		
Bull Run Lk		45° 27.151' x 121° 49.707'		3100'	Type 1		
Lost LK		45° 29.331' x 121° 49.193'		3300'	Type 1		
WEST ZONE					AVIATION FREQUENCY		
Repeater	Rx	Tone	Tx	Tone	Name	RX/TX	Tone
Hickman	169.5750	123.0	164.9625	103.5	MH A/G 50 (Primary)	168.2875	n/a
Timberline	169.5750	123.0	164.9625	118.8	MH A/G 09 (Secondary)	166.9125	n/a
Indian East	169.9250	123.0	162.6125	136.5	National Flight Following	168.6500	110.9

MHFW02 – Lolo Pass

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	MHF West Zone Closest Resources Zigzag RD (West Zone): Engine 311 Zigzag Hood River RD (East Zone): Engine 321 Parkdale Clackamas River RD (West Zone): Engine 312 Ripplebrook Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook Barlow RD (East Zone): Engine 423 Dufur TLJCCC (West Zone): Patrol 612 Ripplebrook						
	Primary Notifications: Zone Duty Officer Forest Duty Officer						
	Other Notifications ([Conditions to consider]): ODF if fire is >2 ac, within ½ mile of Forest Boundary 503-829-2216 Hoodland Fire District 503-622-3256 C-Comm 911 503-655-8211 Portland Water Bureau Dispatch 503-823-6084 if fire is within 3 miles of watershed boundary PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines. BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines						
	Special Considerations/Hazards/Values: WUI along Lolo Pass road Bull Run Watershed Lost Lake Resort 45° 29.795'N x 121° 49.114'W Transmission lines High Use Recreation Area Hickman Lookout (staffed July through October) 45° 24.749'N x 121° 54.678'W						
	Dip Sites: Confirm approval from Zone Duty Officer						
	Location Name		Lat/Long		Elevation	Accessible to	
	Cast Lake (wilderness)		45° 21.023'N x 121° 50.219'W		4500'	Type 1	
	Burnt Lake (wilderness)		45° 21.068'N x 121° 48.135'W		4600'	Type 1	
WEST ZONE					AVIATION FREQUENCY		
Repeater	Rx	Tone	Tx	Tone	Name	RX/TX	Tone
Timberline	169.5750	123.0	164.9625	118.8	MH A/G 50 (Primary)	168.2875	n/a
Tumala	170.5250	123.0	165.0750	192.8	MH A/G 09 (Secondary)	166.9125	n/a
Hickman	169.5750	123.0	164.9625	103.5	National Flight Following	168.6500	110.9

MHFW03 – West Mt. Hood Wilderness

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	MHF West Zone Closest Resources Zigzag RD (West Zone): Engine 311 Zigzag Hood River RD (East Zone): Engine 321 Parkdale Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook Clackamas River RD (West Zone): Engine 312 Ripplebrook Barlow RD (East Zone): Engine 423 Dufur TLJCCC (West Zone): Patrol 612 Ripplebrook						
	Primary Notifications: Zone Duty Officer Forest Duty Officer						
	Other Notifications ([Conditions to consider]): ODF if fire is >2 ac, within ½ mile of Forest Boundary 503-829-2216 PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines. BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines Timberline Lodge if fire is within 3 miles of permit boundary Steve Kruse 503-780-6706 or Mark Vincent 503-412-9487 or Jon Tullis 503-841-8014						
	Special Considerations/Hazards/Values: Line Officer approval for chainsaw, pump, and helicopter use General Public Recreation on trails Old Maid Flats 45° 23.111'N x 121° 51.907'W Timberline Lodge 45° 19.863'N x 121° 42.670'W Government Camp/Rhododendron/Zigzag WUI Hwy 26						
	Dip Sites: Confirm approval from Zone Duty Officer						
	Location Name		Lat/Long		Elevation	Accessible to	
	Cast Lake (wilderness)		45° 21.023'N x 121° 50.219'W		4500'	Type 1	
	Burnt Lake (wilderness)		45° 21.068'N x 121° 48.135'W		4600'	Type 1	
	Mirror Lake (wilderness)		45° 17.844'N x 121° 47.579'W		4200'	Type 1	
Hidden Lake (wilderness)		45° 19.212'N x 121° 46.097'W		3700'	Type 2		
WEST ZONE					AVIATION FREQUENCY		
Repeater	Rx	Tone	Tx	Tone	Name	RX/TX	Tone
Timberline	169.5750	123.0	164.9625	118.8	MH A/G 50 (Primary)	168.2875	n/a
Tumala	170.5250	123.0	165.0750	192.8	MH A/G 09 (Secondary)	166.9125	n/a
Hickman	169.5750	123.0	164.9625	103.5	National Flight Following	168.6500	110.9

MHFW04 – HWY 26

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
MHFW-ERC		0-38	39-59	60+	
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.				
	<u>MHF West Zone Closest Resources</u> Zigzag RD (West Zone): Engine 311 Zigzag Hoodland Fire District: Zigzag Clackamas River RD (West Zone): T2IA Handcrew Ripplebrook Clackamas River RD (West Zone): Engine 312 Ripplebrook TLJCCC (West Zone): Patrol 612 Ripplebrook Hood River RD (East Zone): Engine 321 Parkdale Barlow RD (East Zone): Engine 423 Dufur				
	Primary Notifications: Zone Duty Officer Forest Duty Officer				
	Other Notifications ([Conditions to consider]): Hoodland Fire District 503-622-3256 ODF if fire is >2 ac, within ½ mile of Forest Boundary 503-829-2216 Clackamas County 911 C-Comm 911 503-655-8211 if fire is within ½ mile of Forest Boundary PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines.				
	Special Considerations/Hazards/Values: HWY 26 is a high traffic area General public Salmon River, Hunchback Mt. Government Camp/Rhododendron/ Zigzag/Welches WUI Kiwanis Camp 45° 18.796'N x 121° 48.255'W 500 Summer Homes Powerlines				
	Dip Sites: Confirm approval from Zone Duty Officer				
	Location Name		Lat/Long	Elevation	Accessible to
	Mirror Lake (wilderness)		45° 17.844'N x 121° 47.579'W	4200'	Type 1
	Veda Lake (wilderness)		45° 15.351'N x 121° 47.151'W	4200'	Type 1
	Burnt Lake (wilderness)		45° 21.068'N x 121° 48.135'W	4600'	Type 1

MHFW05 – Salmon-Huckleberry Wilderness

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	<u>MHF West Zone Closest Resources</u>						
	Zigzag RD (West Zone): Engine 311 Zigzag						
	Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook						
	Clackamas River RD (West Zone): Engine 312 Ripplebrook						
	Hood River RD (East Zone): Engine 321 Parkdale						
	Barlow RD (East Zone): Engine 423 Dufur						
	TLJCCC (West Zone): Patrol 612 Ripplebrook						
	Primary Notifications:						
	Zone Duty Officer Forest Duty Officer						
Other Notifications ([Conditions to consider]):							
ODF 503-829-2216 if fire is >2 ac, within ½ mile of Forest Boundary							
Hoodland Fire District 503-622-3256 if fire is within ½ mile Forest Boundary							
Clackamas County 911 C-Comm 911 503-655-8211 if fire is within ½ mile of Forest Boundary							
Special Considerations/Hazards/Values:							
Line Officer approval for chainsaw, pump, and helicopter use							
Welches/Zigzag WUI							
High Use Recreation on Salmon River Road							
Limited road access							
Devils Peak LO (unstaffed) 45° 15.848'N x 121° 52.544'W							
Dip Sites: Confirm approval from Zone Duty Officer							
Location Name		Lat/Long		Elevation	Accessible to		
Plaza Lake (wilderness)		45° 13.660'N x 121° 59.560'W		3700'	Type 1		
Veda Lake (wilderness)		45° 15.351'N x 121° 47.151'W		4200'	Type 1		
WEST ZONE					AVIATION FREQUENCY		
Repeater	Rx	Tone	Tx	Tone	Name	RX/TX	Tone
Timberline	169.5750	123.0	164.9625	118.8	MH A/G 50 (Primary)	168.2875	n/a
Hickman	169.5750	123.0	164.9625	103.5	MH A/G 09 (Secondary)	166.9125	n/a
					National Flight Following	168.6500	110.9

MHFW06 – Government Camp

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	MHF West Zone Closest Resources Zigzag RD (West Zone): Engine 311 Zigzag Hoodland Fire District, Zigzag Hood River RD (East Zone) Engine 321 Parkdale Barlow RD (East Zone) Engine 423 Dufur Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook Clackamas River RD (West Zone): Engine 312 Ripplebrook TLJCCC (West Zone): Patrol 612 Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag						
	Primary Notifications: Zone Duty Officer Forest Duty Officer						
	Other Notifications ([Conditions to consider]): ODF if fire is >2 ac, within ½ mile of Forest Boundary 503-829-2216 PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines. Timberline/RLK if fire is within 3 miles of Permit Boundary Steve Kruse 503-780-6706 or Logan Stewart (503) 327-6994 and Rose Phillips (541) 400-1368 Skibowl if fire is within 3 miles of Permit Boundary John Vermaas 503-260-8748						
	Special Considerations/Hazards/Values: Government Camp WUI Beetle killed Lodge pole between Government Camp and Timberline Lodge RLK/Timberline Lodge High use rec area 45° 19.863'N x 121° 42.670'W Ski Bowl 45° 17.850'N x 121° 45.390'W Mazama Lodge 45° 18.265'N x 121° 44.392'W Trillium Lake 45° 16.844'N x 121° 44.097'W Wapinitia WUI 45° 15.102'N x 121° 42.624'W						
	Dip Sites: Confirm approval from Zone Duty Officer						
	Location Name		Lat/Long		Elevation	Accessible to	
	Veda Lake (wilderness)		45° 15.351'N x 121° 47.151'W		4200'	Type 1	
	Trillium Lake		45° 16.168'N x 121° 44.348'W		3600'	Type 1	
	Frog Lake (Barlow RD)		45° 13.136'N x 121° 41.692'W		3700'	Type 1	
WEST ZONE					AVIATION FREQUENCY		
Repeater	Rx	Tone	Tx	Tone	Name	RX/TX	Tone
Timberline	169.5750	123.0	164.9625	118.8	MH A/G 50 (Primary)	168.2875	n/a
Hickman	169.5750	123.0	164.9625	103.5	MH A/G 09 (Secondary)	166.9125	n/a
					National Flight Following	168.6500	110.9

MHFW07 – Wildcat

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5		
MHFW-ERC		0-38	39-59	60+		
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)		
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.					
	MHF West Zone Closest Resources Zigzag RD (West Zone): Engine 311 Zigzag Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook Clackamas River RD (West Zone): Engine 312 Ripplebrook TLJCCC (West Zone): Patrol 612 Ripplebrook					
	Primary Notifications: Zone Duty Officer Forest Duty Officer					
	Other Notifications ([Conditions to consider]): ODF if fire is >2 ac, within ½ mile of Forest Boundary 503-829-2216 Clackamas County 911 C-Comm 911 503-655-8211 if fire is >2 ac. within ½ mile of Forest Boundary					
	Special Considerations/Hazards/Values: Limited Access Target shooting Cherryville WUI 2 miles to the northwest					
	Dip Sites: Confirm approval from Zone Duty Officer					
	Location Name		Lat/Long		Elevation	Accessible to
	Plaza Lake (wilderness)		45° 13.660'N x 121° 59.560'W		3700'	Type 1
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MHFW08 – La Dee Flat

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	MHF West Zone Closest Resources Clackamas River RD (West Zone): Engine 312 Ripplebrook Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag TLJCCC (West Zone): Patrol 612 Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag						
	Primary Notifications: Zone Duty Officer Forest Duty Officer						
	Other Notifications ([Conditions to consider]): ODF if fire is >2 ac, within ½ mile of Forest Boundary 503-829-2216 Clackamas County 911 C-Comm 911 503-655-8211 if fire is >2 ac. within ½ mile of Forest Boundary						
	Special Considerations/Hazards/Values: HWY 224 High traffic road Lazy Bend Work Center Ladee OHV Trailhead 45° 12.887'N x 122° 12.813'W Target Shooting						
	Dip Sites: Confirm approval from Zone Duty Officer						
	Location Name		Lat/Long		Elevation	Accessible to	
	Plaza Lake (Wilderness)		45° 13.660'N x 121° 59.560'W		3700'	Type 1	
	North FK. Reservoir		45° 13.357'N x 122° 14.844'W		600'	Type 1	
	Huxley Lake (Wilderness)		45° 11.148'N x 122° 4.587'W		3100	Type 1	
WEST ZONE					AVIATION FREQUENCY		
Repeater	Rx	Tone	Tx	Tone	Name	RX/TX	Tone
Tumala	170.5250	123.0	165.0750	192.8	MH A/G 50 (Primary)	168.2875	n/a
Whale Head	170.5250	123.0	165.0750	162.2	MH A/G 09 (Secondary)	166.9125	n/a
					National Flight Following	168.6500	110.9

MHFW09 – Roaring River Wilderness (Includes Portions of Clackamas Wilderness)

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	MHF West Zone Closest Resources Clackamas River RD (West Zone): Engine 312 Ripplebrook Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag TLJCCC (West Zone): Patrol 612 Ripplebrook						
	Primary Notifications: Zone Duty Officer Forest Duty Officer						
	Other Notifications ([Conditions to consider]): PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening powerlines. PGE Westside Hydro Control Room 24 hour line 503-630-8364 for fire within 2 miles of structures or improvements BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines ODOT- 503-283-5859 if road is impacted						
	Special Considerations/Hazards/Values: Line Officer approval for chainsaw, pump, and helicopter use Three Lynx Power Station 45° 7.321'N x 122° 4.194'W Three Lynx Housing area 45° 7.569'N x 122° 4.286'W Numerous establish and dispersed Campgrounds Active Logging in Ripplebrook Area 2019						
	Dip Sites: Approval needed from Agency Administrator. Confirm approval from Zone Duty Officer						
	Location Name		Lat/Long		Elevation	Accessible to	
	Plaza Lake (Wilderness)		45° 13.616'N x 121° 59.558'W		3700'	Type 1	
	Hideaway Lake		45° 7.296'N x 121° 58.045'W		4100'	Type 1	
	Serene Lake (Wilderness)		45° 8.806'N x 122° 0.177'W		4300'	Type 1	
Huxley Lake (Wilderness)		45° 11.148'N x 122° 4.587'W		3100	Type 1		
Shining Lake (Wilderness)		45° 11.089'N x 122° 0.823'W		4100'	Type 1		
WEST ZONE					AVIATION FREQUENCY		
Repeater	Rx	Tone	Tx	Tone	Name	RX/TX	Tone
Tumala	170.5250	123.0	165.0750	192.8	MH A/G 50 (Primary)	168.2875	n/a
Whale Head	170.5250	123.0	165.0750	162.2	MH A/G 09 (Secondary)	166.9125	n/a
					National Flight Following	168.6500	110.9

MHFW10 – Timothy Lake

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5				
MHFW-ERC		0-38	39-59	60+				
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)				
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above. <u>MHF West Zone Closest Resources</u> Clackamas River RD (West Zone): Engine 312 Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook Barlow RD (East Zone): Engine 423 Dufur Hood River RD (East Zone): Engine 321 Parkdale TLJCCC (West Zone): Patrol 612 Ripplebrook Primary Notifications: Zone Duty Officer Forest Duty Officer Other Notifications ([Conditions to consider]): Warm Spring Agency if fire is >2 ac. within ½ mile of boundary 541-553-1146 PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines. PGE Westside Hydro Power WSH Control Room 1-503-630-8364 for fire within 2 miles of structures, Timothy Lake campgrounds or improvements BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines Special Considerations/Hazards/Values: PGE Stone Creek Powerhouse 45° 4.840'N x 121° 53.191'W PGE Timothy Lake Lodge 45° 6.956'N x 121° 48.434'W Timothy Lake Dam 45° 6.813'N x 121° 48.427'W Clackamas Lake Guard Station 45° 5.941'N x 121° 45.001'W Joe Graham Cabin and Barn 45° 5.985'N x 121° 44.808'W Red Box RAWS 45° 1.639'N x 121° 55.253'W Austin Hotsprings (Private) 45° 1.157'N x 122° 0.125'W Numerous dispersed and established campgrounds around Timothy Lake MTR-IR-346 BPA Transmission Lines High use recreation area Dip Sites: Confirm approval from Zone Duty Officer							
	Location Name		Lat/Long		Elevation	Accessible to		
	Timothy Lake (high use rec)		45° 7.078'N x 121° 47.166'W		3200'	Type 1/ Scoopers		
	Hideaway Lake		45° 7.296'N x 121° 58.045'W		4100'	Type 1		
	Buck Lake		45° 6.626'N x 121° 52.313'W		4000'	Type 1		
	Pyramid Lake (Wilderness)		45° 8.796'N x 121° 55.590'W		4000'	Type 1		
	Clear Lake (high use rec)		45° 10.774'N x 121° 42.309'W		3400'	Type 1		
	WEST ZONE			AVIATION FREQUENCY				
	Repeater	Rx	Tone	Tx	Tone	Name	RX/TX	Tone
	Clear Lake	169.9250	123.0	162.6125	192.8	MH A/G 50 (Primary)	168.2875	n/a
Whale Head	170.5250	123.0	165.0750	162.2	MH A/G 09 (Secondary)	166.9125	n/a	
					National Flight Following	168.6500	110.9	

MHFW11 – West Clackamas Wilderness

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4		HIGH 5		
MHFW-ERC		0-38	39-59		60+		
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)		2 Modules (Engine or Squads)		
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	MHF West Zone Closest Resources Clackamas River RD (West Zone): Engine 312 Ripplebrook Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag TLJCCC (West Zone): Patrol 612 Ripplebrook						
	Primary Notifications: Zone Duty Officer Forest Duty Officer						
	Other Notifications ([Conditions to consider]): ODF 503-829-2216 if fire is >2 ac, within ½ mile of Forest Boundary Clackamas County 911 C-Comm 911 503-655-8211 if fire is >2 ac, within ½ mile of Forest Boundary PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines. PGE Westside Hydro Control Room 24 hour line 503-630-8364 for fire within 2 miles of structures or improvements. Timber Lake Job Corps: Kurt Davis 503-834-3400 office, 503-936-9647 cell, Sharon Hernandez 503-834-3422 or Brian Hickman 971-230-4966 if Fire is within 2 miles and >2 ac.						
	Special Considerations/Hazards/Values: Line Officer approval for chainsaw, pump, and helicopter use Timber Lake Job Corps Center 45° 5.469'N x 122° 3.795'W Ripplebrook Housing Area/Fire Station 45° 4.922'N x 122° 2.614'W Three Lynx Power Station 45° 7.321'N x 122° 4.194'W Three Lynx Housing area 45° 7.569'N x 122° 4.286'W Whalehead Repeater 45° 6.233'N x 122° 7.285'W USFS Podunk Seed Orchard 3 different areas 45° 9.113'N x 122° 13.408'W Goat Mountain Communications site 45° 7.892'N x 122° 17.786'W Wanderer’s Peak RAWS 45° 6.551'N x 122° 11.787'W Forest Boundary with BLM and private						
	Dip Sites: Confirm approval from Zone Duty Officer Several lakes in the area are outside of the Forest Boundary, unknown ownership						
	Location Name		Lat/Long		Elevation	Accessible to	
	North FK. Reservoir		45° 13.357'N x 122° 14.844'W		600’	Type 1	
	Memaloose Lk (Wilderness)		45° 5.859'N x 122° 14.213'W		4100’	Type 1	
	WEST ZONE					AVIATION FREQUENCY	
Repeater	Rx	Tone	Tx	Tone	Name	Rx/Tx	Tone
Tumala	170.5250	123.0	165.0750	192.8	MH A/G 50 (Primary)	168.2875	n/a
Whale Head	170.5250	123.0	165.0750	162.2	MH A/G 09 (Secondary)	166.9125	n/a
					National Flight Following	168.6500	110.9

MHFW12 – Memaloose

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	<u>MHF West Zone Closest Resources</u> Clackamas River RD (West Zone): Engine 312 Ripplebrook Clackamas River RD (West Zone): T21A Handcrew Modules Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag TLJCCC (West Zone): Patrol 612 Ripplebrook						
	Primary Notifications: Zone Duty Officer Forest Duty Officer						
	Other Notifications ([Conditions to consider]): ODF if fire is >2 ac, within ½ mile of Forest Boundary 503-829-2216 PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines. BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines Clackamas County 911 Dispatch C-Comm 503-655-8211 if fire is within 2 miles of boundary						
	Special Considerations/Hazards/Values: Forest Boundary with BLM and private USFS Podunk Seed Orchard 45° 9.113'N x 122° 13.408'W Goat Mountain Communications site 45° 7.892'N x 122° 17.786'W Wanderer's Peak RAWS 45° 6.551'N x 122° 11.787'W Target shooting locations along USFS Road 4500 Memaloose bridge gate along HWY 224 and USFS Road 4500 has a BLM lock Active timber sales in area						
	Dip Sites: Confirm approval from Zone Duty Officer Several lakes in the area are outside of the Forest Boundary, unknown ownership						
	Location Name		Lat/Long	Elevation	Accessible to		
	North FK. Reservoir		45° 13.357'N x 122° 14.844'W	600'	Type 1		
	Memaloose Lk (Wilderness)		45° 5.859'N x 122° 14.213'W	4100'	Type 1		
WEST ZONE							
AVIATION FREQUENCY							
Repeater	Rx	Tone	Tx	Tone	Name	Rx/Tx	Tone
Whale Head	170.5250	123.0	165.0750	162.2	MH A/G 50 (Primary)	168.2875	n/a
Tumala	170.5250	123.0	165.0750	192.8	MH A/G 09 (Secondary)	166.9125	n/a
Bagby	170.5250	123.0	165.0750	107.2	National Flight Following	168.6500	110.9

MHFW13 – Fish Creek

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	MHF West Zone Closest Resources						
	Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook						
	Clackamas River RD (West Zone): Engine 312 Ripplebrook						
	Zigzag RD (West Zone): Engine 311 Zigzag						
	TLJCCC (West Zone): Patrol 612 Ripplebrook						
	Primary Notifications:						
	Zone Duty Officer						
	Forest Duty Officer						
	Other Notifications ([Conditions to consider]):						
ODF if fire is >2 ac, within ½ mile of Forest Boundary 503-829-2216							
PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines.							
BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines							
Special Considerations/Hazards/Values:							
Limited access into this area							
General Public Recreation							
Whalehead Repeater site 45° 6.233'N x 122° 7.285'W							
Dip Sites: Confirm approval from Zone Duty Officer							
Location Name		Lat/Long		Elevation	Accessible to		
High Lake		45° 4.714'N x 122° 7.290'W		4000'	Type 2		
Surprise Lake		45° 1.173'N x 122° 10.990'W		4100'	Type 1		
Skookum Lake		44° 59.867'N x 122° 9.849'W		4200'	Type 1		
WEST ZONE					AVIATION FREQUENCY		
Repeater	Rx	Tone	Tx	Tone	Name	Rx/Tx	Tone
Whale Head	170.5250	123.0	165.0750	162.2	MH A/G 50 (Primary)	168.2875	n/a
Tumala	170.5250	123.0	165.0750	192.8	MH A/G 09 (Secondary)	166.9125	n/a
Bagby	170.5250	123.0	165.0750	107.2	National Flight Following	168.6500	110.9

MHFW14 – Ripplebrook

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	MHF West Zone Closest Resources Clackamas River RD (West Zone): Engine 312 Ripplebrook Clackamas River RD (West Zone): T21A Handcrew Modules Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag TLJCCC (West Zone): Patrol 612 Ripplebrook Barlow RD (East Zone): Engine 423 Dufur						
	Primary Notifications: Zone Duty Officer Forest Duty Officer						
	Other Notifications ([Conditions to consider]): Timber Lake Job Corps Kurt Davis 503-834-3400 office, 503-936-9647 cell, Sharon Hernandez 503-834-3422 or Brian Hickman 971-230-4966 if Fire is within 2 miles and >2 ac. PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines. PGE Westside Hydro Control Room 24 hour line 503-630-8364 for fire within 2 miles of structures or improvements BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines						
	Special Considerations/Hazards/Values: Timber Lake Job Corps Center 45° 5.469'N x 122° 3.795'W Ripplebrook Housing Area/Fire Station 45° 4.922'N x 122° 2.614'W Oak Grove Guard Station 45° 5.289'N x 122° 1.311'W PGE Frog Lake Facilities 45° 5.624'N x 122° 2.577'W Three Lynx Power Station 45° 7.321'N x 122° 4.194'W Three Lynx Housing area 45° 7.569'N x 122° 4.286'W PGE Water Pipeline from Harriett Lake to Three Lynx Power Station Austin Hot Springs (private) 45° 1.157'N x 122° 0.125'W BPA lines on southern boundary of block Numerous establish and dispersed Campgrounds Active Logging in Ripplebrook Area 2019 MTR-IR-346						
	Dip Sites: Confirm approval from Zone Duty Officer						
	Location Name		Lat/Long	Elevation	Accessible to		
	Timber Lake		45° 5.518'N x 122° 3.895'W	1500'	Type 1		
	River Ford Dip Spot		45° 1.933'N x 122° 3.663'W	1500'	Type 1		
	Lake Harriett		45° 4.482'N x 121° 57.891'W	2000'	Type 1		
WEST ZONE							
AVIATION FREQUENCY							
Repeater	Rx	Tone	Tx	Tone	Name	Rx/Tx	Tone
Whale Head	170.5250	123.0	165.0750	162.2	MH A/G 50 (Primary)	168.2875	n/a
					MH A/G 09 (Secondary)	166.9125	n/a
					National Flight Following	168.6500	110.9

MHFW15 – Collawash

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	<u>MHF West Zone Closest Resources</u> Clackamas River RD (West Zone): Engine 312 Ripplebrook Clackamas River RD (West Zone): Devils Ridge IA Handcrew Modules Ripplebrook Zigzag RD (West Zone) Engine 311 Zigzag Barlow RD (East Zone): Engine 423 Dufur						
	Primary Notifications: Zone Duty Officer Forest Duty Officer						
	Other Notifications ([Conditions to consider]): ODF if fire is >2 ac, within ½ mile of Forest Boundary 503-829-2216 PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines. BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines Eugene Dispatch- 541-225-6400 if fire is >2 ac, within ½ mile of Forest Boundary						
	Special Considerations/Hazards/Values: Bagby Hot Springs General Public Recreation BPA Powerlines MTR- IR-346 General Public Recreation						
	Dip Sites: Confirm approval from Zone Duty Officer						
	Location Name		Lat/Long	Elevation	Accessible to		
	Lily Pad Lake		44° 56.122°N x 122° 6.890°W	4000’	Type 2		
	Round Lake		44° 52.553°N x 121° 58.217°W	4000’	Type 1		
	Skookum Lake		44° 59.851°N x 122° 9.850°W	4500’	Type 2		
WEST ZONE							
AVIATION FREQUENCY							
Repeater	Rx	Tone	Tx	Tone	Name	Rx/Tx	Tone
Whale Head	170.5250	123.0	165.0750	162.2	MH A/G 50 (Primary)	168.2875	n/a
Bagby	170.5250	123.0	165.0750	107.2	MH A/G 09 (Secondary)	166.9125	n/a
Mt. Lowe	170.5250	123.0	165.0750	192.8	National Flight Following	168.6500	110.9

MHFW16 – Rhododendron (Rho) Ridge

RESPONSE LEVEL	LOW 1 - 3	MODERATE 4	HIGH 5
MHFW-ERC	0-38	39-59	60+
Response	1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)

PROCEDURES

Dispatch closest forces based on current dispatch level - See table above.

MHF West Zone Closest Resources

Clackamas River RD (West Zone): Engine 312 Ripplebrook

Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook

Zigzag RD (West Zone): Engine 311 Zigzag

TLJCCC (West Zone): Patrol 612 Ripplebrook

Primary Notifications:

Zone Duty Officer

Forest Duty Officer

Other Notifications ([Conditions to consider]):

BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines

Eugene Interagency Communication Center 541-225-6400 if fire is along Mt. Hood/Willamette boundary

Special Considerations/Hazards/Values:

Sisi Lookout (when staffed) has excellent view of the area

Mt. Lowe Repeater 44° 57.593'N x 121° 58.611'W

High use recreation area

BPA transmission lines on northern boundary

Dip Sites: Confirm approval from Zone Duty Officer

Location Name	Lat/Long	Elevation	Accessible to
Round Lake	44° 52.491'N x 121° 58.227'W	4400'	Type 1
Bump Lake	44° 50.956'N x 121° 50.697'W	4100'	Type 1
River Ford Dip Spot	45° 1.933'N x 122° 3.663'W	1500'	Type 1

WEST ZONE					AVIATION FREQUENCY		
Repeater	Rx	Tone	Tx	Tone	Name	Rx/Tx	Tone
Mt. Lowe	170.5250	123.0	165.0750	192.8	MH A/G 50 (Primary)	168.2875	n/a
Sisi	170.5250	123.0	165.0750	131.8	MH A/G 09 (Secondary)	166.9125	n/a
					National Flight Following	168.6500	110.9

MHFW17 – East Clackamas Wilderness

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
MHFW-ERC		0-38	39-59	60+	
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.				
	<u>MHF West Zone Closest Resources</u> Clackamas River RD (West Zone): T21A Handcrew Modules Ripplebrook Clackamas River RD (West Zone): Engine 312 Ripplebrook TLJCCC (West Zone): Patrol 612 Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag				
	Primary Notifications: Zone Duty Officer Forest Duty Officer				
	Other Notifications ([Conditions to consider]): ODF if fire is >2 ac, within ½ mile of Forest Boundary 503-829-2216 PGE Repairs Dept. 24 hour line 503-736-5662 with closest pole number if fire is threatening lines. BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines				
	Special Considerations/Hazards/Values: Line Officer approval for chainsaw, pump, and helicopter use Sisi lookout/Radio Repeater/Verizon Cell Tower/PROPANE TANKS 44° 53.937'N x 121° 50.665'W Sisi Lookout is staffed intermittently MTR-IR-346				
	Dip Sites: Confirm approval from Zone Duty Officer				
	Location Name		Lat/Long	Elevation	Accessible to
	Bump Lake		44° 51.002°N x 121° 50.697°W	4000'	Type 1
	Si Lake		44° 50.690°N x 121° 49.567°W	4600'	Type 1
	Round Lake		44° 52.553°N x 121° 58.217°W	4000'	Type 1

MHFW18 – Bull of the Woods Wilderness

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5			
MHFW-ERC		0-38	39-59	60+			
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)			
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.						
	<u>MHF West Zone Closest Resources</u> Clackamas River RD (West Zone): T21A Handcrew Modules Ripplebrook Clackamas River RD (West Zone): Engine 312 Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag TLJCCC (West Zone): Patrol 612 Ripplebrook						
	Primary Notifications: Zone Duty Officer Forest Duty Officer						
	Other Notifications ([Conditions to consider]): Eugene Interagency Communication Center 541-225-6400 if fire is along Mt. Hood/Willamette boundary						
	Special Considerations/Hazards/Values: Line Officer approval for chainsaw, pump, and helicopter use MTR-IR-346 Bagby Repeater 44° 56.073'N x 122° 10.471'W Bagby Hot Springs 44° 56.124'N x 122° 10.444'W Bull of the Woods Lookout (Unstaffed) 44° 53.074'N x 122° 5.746'W Elk Lake Recreation Area (Willamette) 44° 49.271'N x 122° 7.576'W						
	Dip Sites: Confirm approval from Zone Duty Officer						
	Location Name		Lat/Long	Elevation	Accessible to		
	Twin Lakes (Wilderness)		44° 51.332'N x 122° 6.562'W	4000'	Type 1		
	Silver King Lake (Wilderness)		44° 52.214'N x 122° 8.904'W	4200'	Type 2		
	Lake Lenore (Wilderness)		44° 53.741'N x 122° 4.025'W	4600'	Type 1		
Pansy Lake (Wilderness)		44° 53.134'N x 122° 6.844'W	4500'	Type 1			
WEST ZONE					AVIATION FREQUENCY		
Repeater	Rx	Tone	Tx	Tone	Name	Rx/Tx	Tone
Bagby	170.5250	123.0	165.0750	107.2	MH A/G 50 (Primary)	168.2875	n/a
Mt. Lowe	170.5250	123.0	165.0750	192.8	MH A/G 09 (Secondary)	166.9125	n/a
					National Flight Following	168.6500	110.9

MHFW19 – Pinhead

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5	
MHFW-ERC		0-38	39-59	60+	
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)	
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.				
	MHF West Zone Closest Resources Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook Clackamas River RD (West Zone): Engine 312 Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag TLJCCC (West Zone): Patrol 612 Ripplebrook				
	Primary Notifications: Zone Duty Officer Forest Duty Officer				
	Other Notifications ([Conditions to consider]): Warm Spring Agency Dispatch if fire is >2 ac. within ½ mile of boundary 541-553-1146 BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines Eugene Interagency Communication Center 541-225-6400 if fire is along Mt. Hood/Willamette boundary				
	Special Considerations/Hazards/Values: Red Box RAWs 45° 1.639'N x 121° 55.253'W Sisi Lookout and Repeater 44° 53.937'N x 121° 50.665'W BPA lines on the northern and southern boundary of black MTR-IR-346				
	Dip Sites: Confirm approval from Zone Duty Officer				
	Location Name		Lat/Long	Elevation	Accessible to
	Summit Lake		45° 1.913'N x 121° 47.382'W	4200"	Type 1
	Bump Lake		44° 50.956'N x 121° 50.697'W	4100'	Type 1

MHFW20 – Olallie Lake

RESPONSE LEVEL		LOW 1 - 3	MODERATE 4	HIGH 5																																								
MHFW-ERC		0-38	39-59	60+																																								
Response		1 Module (Engine, Patrol or Squad	1 Module (Engine or Squad)	2 Modules (Engine or Squads)																																								
PROCEDURES	Dispatch closest forces based on current dispatch level - See table above.																																											
	MHF West Zone Closest Resources Clackamas River RD (West Zone): T2IA Handcrew Modules Ripplebrook Clackamas River RD (West Zone): Engine 312 Ripplebrook Zigzag RD (West Zone): Engine 311 Zigzag TLJCCC (West Zone): Patrol 612 Ripplebrook																																											
	Primary Notifications: Zone Duty Officer Forest Duty Officer																																											
	Other Notifications ([Conditions to consider]): Eugene Interagency Communication Center 541-225-6400 if fire is along Mt. Hood/Willamette boundary Warm Spring Agency Dispatch if fire is >2 ac. within ½ mile of boundary 541-553-1146 BPA Dispatch 360-418-2281 with closest pole number, if fire is threatening high voltage lines Olallie Lake Resort: Diane Whitfield 503.853.3481, Satellite phone for the Resort 254.201.5972																																											
	Special Considerations/Hazards/Values: Historic Guard Station and Cabins 44° 48.830'N x 121° 47.353'W High use recreation area Sisi Lookout is staffed intermittently, has an excellent view of the area Beetle killed lodgepole pine in this area. Limited access and egress on FS Road 4220 BPA transmission lines in the north.																																											
	Dip Sites: Confirm approval from Zone Duty Officer																																											
	<table><tr><td>Location Name</td><td>Lat/Long</td><td>Elevation</td><td>Accessible to</td></tr><tr><td>Fish Lake</td><td>44° 49.977'N x 121° 48.810'W</td><td>4500'</td><td>Type 1</td></tr><tr><td>Olallie Lake (high rec use)</td><td>44° 48.375'N x 44° 48.375'N</td><td>4900'</td><td>Type 1</td></tr><tr><td>Monon Lake</td><td>44° 47.522'N x 121° 47.225'W</td><td>4900'</td><td>Type 1</td></tr><tr><td>Horseshoe Lake</td><td>44° 46.690'N x 121° 47.166'W</td><td>5600'</td><td>Type 1</td></tr></table>				Location Name	Lat/Long	Elevation	Accessible to	Fish Lake	44° 49.977'N x 121° 48.810'W	4500'	Type 1	Olallie Lake (high rec use)	44° 48.375'N x 44° 48.375'N	4900'	Type 1	Monon Lake	44° 47.522'N x 121° 47.225'W	4900'	Type 1	Horseshoe Lake	44° 46.690'N x 121° 47.166'W	5600'	Type 1																				
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<table><tr><th colspan="5">WEST ZONE</th><th colspan="3">AVIATION FREQUENCY</th></tr><tr><th>Repeater</th><th>Rx</th><th>Tone</th><th>Tx</th><th>Tone</th><th>Name</th><th>Rx/Tx</th><th>Tone</th></tr><tr><td>Sisi</td><td>170.5250</td><td>123.0</td><td>165.0750</td><td>131.8</td><td>MH A/G 50 (Primary)</td><td>168.2875</td><td>n/a</td></tr><tr><td>Mt. Lowe</td><td>170.5250</td><td>123.0</td><td>165.0750</td><td>192.8</td><td>MH A/G 09 (Secondary)</td><td>166.9125</td><td>n/a</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>National Flight Following</td><td>168.6500</td><td>110.9</td></tr></table>					WEST ZONE					AVIATION FREQUENCY			Repeater	Rx	Tone	Tx	Tone	Name	Rx/Tx	Tone	Sisi	170.5250	123.0	165.0750	131.8	MH A/G 50 (Primary)	168.2875	n/a	Mt. Lowe	170.5250	123.0	165.0750	192.8	MH A/G 09 (Secondary)	166.9125	n/a						National Flight Following	168.6500	110.9
WEST ZONE					AVIATION FREQUENCY																																							
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Mt. Lowe	170.5250	123.0	165.0750	192.8	MH A/G 09 (Secondary)	166.9125	n/a																																					
					National Flight Following	168.6500	110.9																																					

CGF

CGF50 – OR: Multnomah County/WA: West Boundary to Dog Mountain

	LOW		MODERATE	HIGH/VERY HIGH	EXTREME
Resources	1	2	3L & 3H	4-5	5
CGF Resources	1 Engine 1 Patrol 1 Overhead		2 Engines 1 Patrol Crew 22 1 Overhead	2 Engines 2 Patrols Crew 22 2 Overhead	2 Engines 2 Patrols Crew 22 2 Overhead
ODF-The Dalles Resources			1 Engine 1 Dozer MU to HR	2 Engines 1 Dozer	2 Engines 1 Dozer
ODF-Mollala Resources	1 Engine		2 Engines	2 Engines	2 Engines
MHF Resources			1 Engine 1 Overhead 1 Engine STBY at HR	2 Engines 1 Overhead 1 Engine STBY at HR	3 Engines 2 Overhead 1 Engine STBY at HR
GPF Resources			1 Engine 1 Overhead 1 Engine STBY at HR	2 Engines 1 Overhead 1 Engine STBY at HR	3 Engines 2 Overhead 1 Engine STBY at HR
WA-DNR-PCS Resources	1 Engine		1 Engine	2 Engines	3 Engines
Water Tender			1 Any Type	2 Any Type	3 Any Type
Additional Hand Crews			1 Crew MU to HR	1 Crew MU to HR	1 Crew MU to HR
Aerial Supervision				1 ATGS	1 ATGS
Helicopter			1 Any Type	1 Any Type	2 Any Type
RADIO INFORMATION					
CGF FREQUENCIES					ODF FREQUENCIES
Repeater	RX	Tone	TX	Tone	
Gorge Defiance	169.9500	127.3	164.8750	114.8	
Stacker	169.9500	127.3	164.8750	127.3	
Biddle	169.9500	127.3	164.8750	156.7	
Indian EAST	169.9250	123.0	162.6126	136.5	
ODF FREQUENCIES					
MHF A/G Primary (A/G 50)					168.2875
MHF A/G Secondary (A/G 09)					166.9125
National Flight Following					168.6500 RX/TX Tone 110.9 RX/TX

Suppression Considerations:

Area Manager or appropriate Agency Line Officer will be notified for all Wilderness Incidents.

Consider move ups and staging resources at Hood River (HD), Estacada, or Cascade Locks (CL) Private Land adjacent intermixed within /Scenic Area.

Hazards:

Military Training Route: IR 344 VR 1355

Powerlines

Freeways (I-84, WA-14) Gas Pipeline

Train Tracks

General Public-Urban interface and Recreations

Resource Considerations:

Watershed: Bull Run

Structures/Historical Sites: Scenic Area, Towns,

Endanger Plants or Wildlife:

Notification: (As Appropriate)**Duty Officers:**

Gorge Duty Officer	541-667-7382 (24 Hrs)
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Dispatch Offices

ODF-Molalla Unit	503-829-4051
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ODF-The Dalles Unit	541-296-4626
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DNR - Pacific Cascade	360-577-2025
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Fire Departments, Sheriff and 911 Offices

Cascade Locks Fire Department	541-374-8510
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Corbett Fire Department	503-695-2272
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Clark County Sheriff	360-696-4461
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Multnomah County Sheriff	503-225-3600
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Skamania County Sheriff's Office	509-427-9490
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Utility Companies

City of Portland- Water Bureau	503-823-6084
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City of Portland-Headworks	503-823-6157
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WA Department of Transportation (WDOT)	360-759-1300
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NW Pipeline	800-826-7725
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Bonneville Power Association (BPA)	503-283-2501
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PP & L	877-548-3768
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Union Pacific Railroad	800-726-1088
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BNSF	509-493-1490
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CGF51 – OR: Hood River East to Wasco County / WA: Dog Mt. to Eastern CGF Boundary
Line

	LOW		MODERATE	HIGH/VERY HIGH	EXTREME	
Resources	1	2	3L & 3H	4-5	5	
CGF Resources	1 Engine 1 Patrol 1 Overhead		2 Engines 1 Patrol Crew 22 1 Overhead	2 Engines 2 Patrols Crew 22 2 Overhead	2 Engines 2 Patrols Crew 22 2 Overhead	
ODF-The Dalles Resources	1 Engine		3 Engine 1 Dozer MU to HR	4 Engines 1 Dozer	5 Engines 1 Dozer	
ODF-Mollala Resources				1 Engines	2 Engines	
MHF Resources			1 Engine 1 Overhead 1 Engine STBY at HR	2 Engines 1 Overhead 1 Engine STBY at HR	3 Engines 2 Overhead 1 Engine STBY at HR	
GPF Resources			1 Engine 1 Overhead 1 Engine STBY at HR	1 Engines 1 Overhead 1 Engine STBY at HR	3 Engines 2 Overhead 1 Engine STBY at HR	
WA-DNR-SES Resources	1 Engine		3 Engine	4 Engines	5 Engines	
Water Tender			1 Any Type	2 Any Type	3 Any Type	
Additional Hand Crews			1 Crew MU to HR	1 Type Any 1 Crew MU to HR	1 Type Any 1 Crew MU to HR	
Aerial Supervision				1 ATGS	1 ATGS	
Helicopter			1 Any Type	2 Any Type	2 Any Type	
RADIO INFORMATION						
CGF FREQUENCIES					ODF FREQUENCIES	
Repeater	RX	Tone	TX	Tone		
Gorge Defiance	169.9500	127.3	164.8750	114.8		
Stacker	169.9500	127.3	164.8750	127.3		
Biddle	169.9500	127.3	164.8750	156.7		
Indian EAST	169.9250	123.0	162.6126	136.5	AVIATION FREQUENCIES	
					MHF A/G Primary (A/G 50)	168.2875
					MHF A/G Secondary (A/G 09)	166.9125
					National Flight Following	168.6500 RX/TX Tone 110.9 RX/TX

Suppression Considerations:

Area Manager or appropriate Agency Line Officer will be notified for all Wilderness Incidents.

Consider move ups and staging resources at Hood River (HD) or Cascade Locks (CL)

Private Land adjacent intermixed within /Scenic Area.

Hazards:

Military Training Route: IR 344, IR 346, VR 1355

Powerlines

Freeways (I-84, WA-14, 97, 197)

Gas Pipeline Train Tracks

General Public-Urban interface and Recreations

Resource Considerations:**Structures/Historical Sites:**

Scenic Area, Towns,

Endanger Plants or Wildlife:

Notification: (As Appropriate)**Duty Officers:**

Gorge Duty Officer	541-667-7382 (24 Hrs)
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Dispatch Offices

Central Oregon Dispatch	541-416-6800
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ODF-Molalla Unit	503-829-4051
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ODF-The Dalles Unit	541-296-4626
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Central Washington Communication Center	509-884-3473
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Fire Departments, Sheriff and 911 Offices

Hood River County 911	541-386-2711
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Wasco County 911	541-296-5454
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Oregon State Patrol	541-296-2161
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Klickitat County 911	509-773-4547
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Skamania County Sheriff's Office	509-427-9490
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Utility Companies

WA Department of Transportation (WDOT)	360-759-1300
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NW Pipeline	800-826-7725
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Bonneville Power Association (BPA)	503-283-2501
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Union pacific Railroad	800-726-1088
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BNSF	509-493-1490
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CGF52 – Wasco Co. East to Mid-Columbia Fire & Rescue

	LOW		MODERATE	HIGH/VERY HIGH	EXTREME	
Resources	1	2	3L & 3H	4-5	5	
CGF Resources	1 Engine 1 Patrol 1 Overhead		2 Engines 1 Patrol Crew 22 2 Overhead	2 Engines 2 Patrols Crew 22 2 Overhead	2 Engines 2 Patrols Crew 22 2 Overhead	
ODF-The Dalles Resources	2 Engine		4 Engine 1 Dozer on STBY	5 Engines 1 Dozer	6 Engines 1 Dozer	
Mid-Columbia Fire	1 Engine		2 Engines	2 Engines	2 Engines	
Mosier Fire	1 Engine		1 Engine	1 Engine	2 Engines	
MHF Resources			1 Engine 1 Overhead	2 Engines 1 Overhead	3 Engines 2 Overhead	
GPF Resources			1 Engine STBY at HR	1 Engine 1 OH 1 Engine STBY at HR	2 Engines 2 OH 1 Engine STBY at HR	
Water Tender			1 Any Type	2 Any Type	3 Any Type	
Additional Hand Crews			1 Crew MU to HR	1 Type Any 1 Crew MU to HR	2 Type Any 1 Crew MU to HR	
Aerial Supervision				1 ATGS	1 ATGS	
Helicopter			1 Any Type	2 Any Type	2 Any Type	
RADIO INFORMATION						
CGF FREQUENCIES					ODF FREQUENCIES	
Repeater	RX	Tone	TX	Tone		
Gorge Defiance	169.9500	127.3	164.8750	114.8		
Stacker	169.9500	127.3	164.8750	127.3		
Biddle	169.9500	127.3	164.8750	156.7		
Indian EAST	169.9250	123.0	162.6126	136.5	AVIATION FREQUENCIES	
					MHF A/G Primary (A/G 50)	168.2875
					MHF A/G Secondary (A/G 09)	166.9125
					National Flight Following	168.6500 RX/TX Tone 110.9 RX/TX

Suppression Considerations:

No Retardant or FOAM in water sources within the The Dalles Watershed.

Consider HRV Interface Task Force if Interface fire (ODF Responsibility)

Consider move ups and staging resources at Hood River (HD) or Cascade Locks (CL)

Private Land adjacent intermixed within /Scenic Area.

Hazards:

Military Training Route: IR 344, IR 346, VR 1355

Powerlines

Freeways (I-84, WA-14, 97, 197)

Gas Pipeline Train Tracks

General Public-Urban interface and Recreations

Resource Considerations:**Watershed:**

The Dalles

Structures/Historical Sites:

Scenic Area, Towns, Communication Sites

Notification: (As Appropriate)**Duty Officers:**

Gorge Duty Officer	541-667-7382 (24 Hrs)
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Dispatch Offices:

Central Oregon Dispatch	541-416-6800
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ODF-The Dalles Unit	541-296-4626
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Central Washington Communication Center	509-884-3473
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Fire Departments, Sheriff and 911**Offices:**

Hood River County 911	541-386-2711
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Wasco County 911	541-296-5454
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Oregon State Patrol	541-296-2161
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Klickitat County 911	509-773-4547
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Skamania County Sheriff's Office	509-427-9490
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Utility Companies:

WA Department of Transportation (WDOT)	360-759-1300
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NW Pipeline	800-826-7725
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Bonneville Power Association (BPA)	503-283-2501
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Union Pacific Railroad	800-726-1088
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BNSF	509-493-1490
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The Dalles Watershed	541-298-1242
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Oregon Department of Transportation	541-383-0121
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CGF53 – Columbia Rural South to Dufur

	LOW		MODERATE	HIGH/VERY HIGH	EXTREME	
Resources	1	2	3L & 3H	4-5	5	
CGF Resources	1 Engine		1 Engines 1 Patrol Crew 22 STBY	1 Engines 2 Patrols Crew 22 1 Overhead	1 Engines 2 Patrols Crew 22 1 Overhead	
ODF-The Dalles Resources	2 Engine		4 Engine 1 Dozer on STBY	5 Engines 1 Dozer	6 Engines 1 Dozer	
MHF Resources	1 Engine		2 Engines 1 Overhead	3 Engines 1 Overhead	3 Engines 2 Overhead	
COIDC Resources (BLM)			1 Engine STBY	1 Engine	1 Engines	
Water Tender			1 Any Type	2 Any Type	3 Any Type	
Additional Hand Crews				1 Type Any 1 Crew MU to HR	2 Type Any 1 Crew MU to HR	
Aerial Supervision				1 ATGS	1 ATGS	
Helicopter			1 Any Type	2 Any Type	2 Any Type	
RADIO INFORMATION						
CGF FREQUENCIES					ODF FREQUENCIES	
Repeater	RX	Tone	TX	Tone		
Gorge Defiance	169.9500	127.3	164.8750	114.8		
Stacker	169.9500	127.3	164.8750	127.3		
Flag Point	169.9250	123.0	162.6125	114.8		
Mill Creek	169.9250	123.0	162.6125	127.3	AVIATION FREQUENCIES	
MHF A/G Primary (A/G 50)						168.2875
MHF A/G Secondary (A/G 09)						166.9125
National Flight Following					168.6500 RX/TX Tone 110.9 RX/TX	

Suppression Considerations:

Consider move ups and staging resources at Hood River (HD), Camp Baldwin (CB) or Cascade Locks (CL) Private Land adjacent intermixed within /Scenic Area.

Hazards:**Military Training Route: IR 344, IR 346, VR 1355**

Powerlines

Freeways (I-84, WA-14, 97, 197)

Train Tracks

General Public-Urban interface and Recreations

Resource Considerations:

Watershed: The Dalles

Structures/Historical Sites: Scenic Area, Towns, Communication Sites

Endanger Plants or Wildlife:**Notification: (As Appropriate)****Duty Officers:**

Gorge Duty Officer	541-667-7382 (24 Hrs)
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Dispatch Offices:

Central Oregon Dispatch	541-416-6800
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ODF-The Dalles Unit	541-296-4626
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Central Washington Communication Center	509-884-3473
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Fire Departments, Sheriff and 911 Offices

Hood River County 911	541-386-2711
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Wasco County 911	541-296-5454
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Oregon State Patrol	541-296-2161
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Klickitat County 911	509-773-4547
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Skamania County Sheriff's Office	509-427-9490
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Utility Companies:

WA Department of Transportation (WDOT)	360-759-1300
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Bonneville Power Association (BPA)	503-283-2501
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Union Pacific Railroad	800-726-1088
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BNSF	509-493-1490
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Oregon Department of Transportation	541-383-0121
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CGF54 – Dufur South to WSA Boundary

	LOW		MODERATE	HIGH/VERY HIGH	EXTREME				
Resources	1	2	3L & 3H	4-5	5				
CGF Resources			1 Engines STBY Crew 22 STBY	1 Engines STBY 2 Patrols Crew 22	1 Engines STBY 2 Patrols Crew 22				
ODF-The Dalles Resources	2 Engine		4 Engine 1 Dozer on STBY	5 Engines 1 Dozer	6 Engines 1 Dozer				
MHF Resources	2 Engine		3 Engines 1 Overhead	3 Engines 1 Overhead	3 Engines 2 Overhead				
COIDC Resources (BLM)			1 Engine STBY	1 Engine	1 Engines				
WSA Resources	1 Engine		1 Engine 1 Dozer STBY	2 Engines 1 Dozer	2 Engines 1 Dozer				
Water Tender			1 Any Type	2 Any Type	3 Any Type				
Additional Hand Crews				1 Crew MU to HR	1 Crew MU to HR				
Aerial Supervision				1 ATGS	1 ATGS				
Helicopter			1 Any Type	2 Any Type	2 Any Type				
RADIO INFORMATION									
CGF FREQUENCIES					ODF FREQUENCIES				
Repeater	RX	Tone	TX	Tone	Repeater	RX	Tone	TX	Tone
Gorge Defiance	169.9500	127.3	164.8750	114.8					
Stacker	169.9500	127.3	164.8750	127.3					
Flag Point	169.9250	123.0	162.6125	114.8	AVIATION FREQUENCIES				
Mill Creek	169.9250	123.0	162.6125	127.3	MHF A/G Primary (A/G 50)			168.2875	
					MHF A/G Secondary (A/G 09)			166.9125	
					National Flight Following			168.6500 RX/TX Tone 110.9 RX/TX	

Suppression Considerations:

Consider move ups and staging resources at Hood River (HD), Tygh Ridge or Maupin Private Land adjacent intermixed within /Scenic Area

Hazards:

Military Training Route: IR 346, VR 1355

Powerlines

Freeways (I-84, WA-14, 97, 197)

Train Tracks

General Public-Urban interface and Recreations

Resource Considerations:

Watershed: White River Corridor

Structures/Historical Sites: Towns

Endanger Plants or Wildlife: White River Wildlife Area

Notification: (As Appropriate)**Duty Officers:**

Gorge Duty Officer	541-667-7382 (24 Hrs)
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Dispatch Offices

Central Oregon Dispatch	541-416-6800
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ODF-The Dalles Unit	541-296-4626
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WSA Dispatch	541-553-2413
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Fire Departments, Sheriff and 911 Offices

Hood River County 911	541-386-2711
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Wasco County 911	541-296-5454
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Oregon State Patrol	541-296-2161
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Juniper Flat RFD	541-328-6388
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Utility Companies

Bonneville Power Association (BPA)	503-283-2501
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Union Pacific Railroad	800-726-1088
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Oregon Department of Transportation	541-383-0121
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CGF55 – Mid-Columbia Fire & Rescue East to the Deschutes River

	LOW		MODERATE	HIGH/VERY HIGH	EXTREME				
Resources	1	2	3L & 3H	4-5	5				
CGF Resources	1 Engine 1 Patrol		2 Engines 1 Patrol Crew 22 STBY 1 OH	2 Engines 2 Patrols Crew 22 1 OH	2 Engines 2 Patrols Crew 22 2 OH				
ODF-The Dalles Resources	1 Engine		2 Engine 1 Dozer on STBY	3 Engines 1 Dozer	4 Engines 1 Dozer				
MHF Resources	1 Engine		2 Engines 1 Overhead	3 Engines 1 Overhead	3 Engines 1 Overhead				
COIDC Resources (BLM)			1 Engine STBY	1 Engine	1 Engines				
Water Tender			1 Any Type	2 Any Type	3 Any Type				
Additional Hand Crews				1 Crew MU to HR	1 Crew MU to HR				
Aerial Supervision				1 ATGS	1 ATGS				
Helicopter			1 Any Type	2 Any Type	2 Any Type				
RADIO INFORMATION									
CGF FREQUENCIES					ODF FREQUENCIES				
Repeater	RX	Tone	TX	Tone	Repeater	RX	Tone	TX	Tone
Gorge Defiance	169.9500	127.3	164.8750	114.8					
Stacker	169.9500	127.3	164.8750	127.3					
Flag Point	169.9250	123.0	162.6125	114.8	AVIATION FREQUENCIES				
Mill Creek	169.9250	123.0	162.6125	127.3	MHF A/G Primary (A/G 50)			168.2875	
					MHF A/G Secondary (A/G 09)			166.9125	
					National Flight Following			168.6500 RX/TX Tone 110.9 RX/TX	

Suppression Considerations:

Consider HRV Interface Task Force if Interface fire (ODF Responsibility)

Consider move ups and staging resources at Hood River (HD) or Cascade Locks (CL) Request additional resources from DNR-SES

Private Land adjacent intermixed within /Scenic Area.

Hazards:**Military Training Route: IR 344, IR 346, VR 1355**

Powerlines

Freeways (I-84, WA-14, 97, 197)

Gas Pipeline Train Tracks

General Public-Urban interface and Recreations

Resource Considerations:

Structures/Historical Sites: Scenic Area, Towns,

Notification: (As Appropriate)**Duty Officers:**

Gorge Duty Officer	541-667-7382 (24 Hrs)
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Dispatch Offices

Central Oregon Dispatch	541-416-6800
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ODF-Molalla Unit	503-829-4051
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ODF-The Dalles Unit	541-296-4626
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Central Washington Communication Center	509-884-3473
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Fire Departments, Sheriff and 911 Offices

Hood River County 911	541-386-2711
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Wasco County 911	541-296-5454
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Oregon State Patrol	541-296-2161
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Klickitat County 911	509-773-4547
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Skamania County Sheriff's Office	509-427-9490
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Utility Companies

WA Department of Transportation (WDOT)	360-759-1300
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NW Pipeline	800-826-7725
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Bonneville Power Association (BPA)	503-283-2501
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Union pacific Railroad	800-726-1088
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BNSF	509-493-1490
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Appendix E- Prevention Plan

Gifford Pinchot National Forest
Mt Hood National Forest Service

Fire Prevention Plan



Prepared by: _____ Date: _____

Reviewed by: _____ Date: _____

Approved by: _____ Date: _____

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I. Introduction

This fire prevention plan is designed to identify common sources of human caused ignition, to provide district personnel a means of reducing such ignitions, and to meet district, zone and forest objectives.

Cooperating with other Forest Service units, state agencies, and local organizations is a vital piece of both forests objective in wildfire prevention. As budgets continue to shrink, cooperation and collaboration between various organizations allows us to spread prevention messages further. There should be continued effort and emphasis to participate with cooperators to communicate fire prevention and fire safety messages. In addition to traditional prevention events, signing and patrolling methodologies, strategies that reach urban audiences should be considered.

II. Fire Prevention Objectives

The objective of wildfire prevention is the cost-efficient reduction of fire suppression expenditures and damages from human-caused fires to levels commensurate with resource management objectives and fire management direction.

Maintain an effective fire prevention organization, of the highest quality, within the budget available.

On each forest, identify problematic areas, causal factors, increasing trends, and implement measures aimed at reducing human caused fires in these areas.

Develop a prevention conscious public through direct contact.

Increase public prevention education utilizing school programs and appropriate local activities.

Provide training and support to all fire prevention, fire management and district personnel to ensure a consistent and effective fire prevention program.

Cooperate with neighboring federal, state, and local organizations to reach common goals in the prevention of wildfires.

Assist communities adjacent to the GP and MH in developing Community Wildfire Protection Plans (CWPPs). Educate homeowners on the principles of Defensible Space to create Firewise communities.

Coordinate with timber management personnel to assure all state and federal laws and contract provisions for fire requirements in industrial operations are being adhered to.

Maintain an effective prevention signing program. Keep it current with changing needs, weather, and seasonal activities.

III. Organization

Gifford Pinchot National Forest

Individual District Rangers are responsible for the prevention activities on each zone.

The South Zone Assistant Fire Management Officer has the responsibility of providing support and guidance to the Fire Prevention Technician in the administration of the fire prevention program.

All prevention events will be coordinated by the Fire Prevention Technician. Fire personnel shall assist when needed.

Fire Prevention patrols will be assigned prevention activities in areas with the most potential for public use and fire occurrence. The focus will be on presenting the wildfire prevention message through public contact.

All district personnel will participate in the prevention of human caused wildfires.

Mt Hood National Forest

Individual District Rangers are responsible for the prevention activities on each district.

Fire prevention patrols will be assigned prevention activities in the areas with the most potential for public use, fire occurrence, and fire prevention contacts. The focus will be on presenting the wildfire prevention message through public contact.

All district personnel will participate in the prevention of human caused wildfires.

IV. Summary of Ignition Causes and Proposed Prevention Actions

A. Summary of Seasonal Recreation Problems

1. General

These fires can be expected to occur anywhere forest visitors may be and are primarily related to dispersed recreational activities of all types. Some problematic areas with high concentration of abandoned campfires as well as other human starts can be found on maps in Appendix A.

The potential for human caused fires continues to increase throughout the forest with the increase in dispersed recreation and product harvest. Main travel routes will continue to have fires in periods of high fire danger.

Prevention patrols and public contacts will target the identified problem areas during high use periods.

2. Specific Recreation Fire Problems:

- a. Abandoned Campfires: abandoned campfires are the primary area of concern for human caused fires within both forests (Appendix A). These occur both in established campgrounds and at dispersed sites throughout each forest. Those occurring at dispersed sites are at a greater risk in that they may not be discovered until a fire is large enough to generate a smoke column.

Campfires fall into two categories; escaped and abandoned. For reporting purposes, only fires having escaped campground fire rings are considered statistical fires. Abandoned campfires still within the ring can be put out by any forest personnel; however, the Prevention Technician shall be notified so problematic areas may be tracked and addressed.

- b. Smoking (cigarette) Fires: Smoking fires occur randomly across the forest, with the majority along roads, in areas of high visitor use such as interpretive sites, camping areas and in the primary huckleberry picking areas. The number of fires experienced each year appears to be related to the severity of the fire season and the abundance and quality of special forest products.
- c. Other Human Caused Fires: Trends in other human caused fires differ from zone to zone and are more readily apparent in dry years. For instance the Eagle Creek Fire, which burned on to the Mt Hood National Forest in 2017, was ignited by the misuse of fireworks. Fire managers should be aware of trends within their management zones and assist Fire Prevention Technicians and patrols to tailor prevention messages to address these causes.

3. Prevention Action:

Fire prevention and engine patrols should concentrate on covering high use areas as well as areas where problems have been identified in the past. Specific areas may change as determined by season and changing use patterns. Focus will be on public education and awareness. Prevention personnel will have an appropriate and effective prevention message for the forest contacts. Patrol personnel may have some training in law enforcement and will be alert to any activities that may threaten forest resources.

4. Prevention Efforts Planned:

Enhance and maintain the prevention sign program so that it is responsive to the location, time of year, and specific fire hazard(s).

Continue prevention education efforts in the public schools in coordination with local interagency partners.

Use venues such as movie theaters, bus placards, and radio announcements to engage urban audiences.

Participate in local parades, fairs, and events as staffing allows.

Maintain membership and participate in efforts of Fire Prevention Cooperatives (Southwest Washington and Mid-Columbia).

Personal contacts will be made by prevention patrols in conjunction with regular duties. Beginning with *high* fire danger rating and above, prevention contacts with forest visitors in patrol areas will be a mandatory part of the prevention patrol work. Patrols should actively seek out members of the public.

B. Industrial Operations and Slash Burning Fires

Fires in this cause class have declined in the last decade, however, they are worth addressing as they can contribute to statistical human caused fires that occur on the forest. These fires generally occur during high fire danger periods in units containing red slash.

Specific Industrial and Slash Disposal Fires

1. Equipment Operation Fires

This includes all fires resulting from the operation of any internal combustion engine, or any mechanical device such as a tail block.

Most fire starts can be traced to improper maintenance of equipment (accumulation of debris, fuel or lubrication leaks and spills).

2. Escaped Prescribed Fires

In recent years, majority of the prescribed fire program has been small and limited to burning slash in the form of landing piles and hand piles. These piles are burned outside of the established fire season and under conditions that limit any potential for spread.

3. Warming and Smoking Fires

Warming fires usually occur outside of the established fire season, when conditions are such that a fire is not likely to spread. In most cases there is little hazard unless it is abnormally dry or in the case of a holdover.

Smoking fires generally occur during fire season when conditions can be critical. In most cases, there is potential for a large fire and resulting loss.

Both types of fires are recognized and covered under contracts in the Industrial Fire Precaution clauses of forest Timber Sale Contracts.

4. Prevention Action

Assist Timber Sale Administrators and Contract Administrator Representatives in fire precaution measures and observe for compliance. As directed, prevention patrols may check for compliance after hours and during shut-down periods when conditions predict high and extreme fire weather.

Any waivers requested by contractors of Forest Service lands will be carefully considered, and if approved, will be in writing. Fire Management personnel will encourage all departments to equip their vehicles with fire tools, and ensure they are in good working order prior to fire season.

Maintain Industrial Fire Precaution Level (IFPL), Adjective Rating and Smokey Bear Fire Danger Signs.

C. Firewood Cutting

Although fires directly attributable to firewood cutting activities are rare, the potential does exist. The potential hazard is that this activity can occur in areas that have red slash. A fire in this environment has the potential to become large quickly.

Specific Woodcutting Fire Problems

1. Smoking

Woodcutters smoking in the woods or in unburned slash units designated for firewood cutting.

2. No Spark Arrestor on Chainsaws

Using chainsaws without an approved spark arrestor and exhaust system in place or with a defective screen and/or exhaust system. Operating a saw in such a manner that exhaust heat could cause ignition.

3. Vehicle Use:

The use of vehicles without original equipment manufacturers type exhaust systems or defective OEM systems.

4. Prevention Actions:

When a woodcutting permit is issued, the permit will list fire precaution requirements that must be met by the permittee. When woodcutters are observed in the forest, contact should be made to check for a permit and compliance with all fire precaution requirements of that permit.

D. Wildland Urban Interface (WUI):

Gifford Pinchot communities of Packwood, Randle, Amboy, Cougar, Northwoods, Yacolt, Stabler, Willard, Mill A and Trout Lake and areas such as Mt Hood Village, Government Camp, Camp Baldwin, Sportsman's Park and the Bull Run Watershed on the Mt Hood, are located within or immediately adjacent to forest boundaries. These examples represent the definition of

Wildland Urban Interface. Communities within the WUI for each forest can be found in Appendix D.

Properties purchased by the USFS in the Columbia River Gorge National Scenic Area (CRGNSA), coupled with residential/urban sprawl, make the urban interface an increasing problem.

1. Prevention Actions:

Share policies and prevention ideas with local communities regarding wildfire. Evacuation plans, Defensible Space, etc.

Support and participation in local Fire Prevention Cooperative activities is strongly encouraged. This includes building relationships with partnering agencies with similar fire prevention goals.

Provide agency representation in building Firewise communities and Community Wildfire Protection Plans.

V. Fire Prevention Contact Plan

The most important tool in the prevention of wildfires is education. Prevention programs such as Team Teaching and visits from Smokey Bear should continue to grow. Prevention personnel should be highly trained and flexible in the approach of delivering the fire prevention message to persons of all ages.

Audience	Contacted By	Time Period	Objective	Approach
Huckleberry Harvesters Special Forest Products Harvesters	Prevention Patrols, Special Forest Product Patrols	July - September	Reduce smoking fires during huckleberry harvest.	Use Smokey Bear to make field contacts, translate messages when available and/or necessary.
Tourists	Prevention Patrols, ALL	May - November	Reduce human caused wildfires	Contact at recreation sights, provide handouts, use Smokey Bear to make field contacts, maintain roadside fire prevention signs
Hikers	Prevention Patrols, Wilderness Rangers, ALL	June – November	Reduce backcountry fires	Frontline handouts, backcountry contacts

Audience	Contacted By	Time Period	Objective	Approach
Campers	Prevention Patrols, ALL	May - November	Reduce fires caused by unattended and abandoned campfires.	Contact at recreation sites, frontline handouts, use Smokey Bear to make field contacts, maintain roadside fire prevention signs
Hunters	Prevention Patrols, ALL	August - November	Reduce human caused wildfires	Make field contacts, frontline/patrol handouts

Table 1: Fire Prevention Contacts with intended audience, relevant time period, objective of contact and the approach to be used.

A. Public Education

Prevention education will be done daily through contacts with forest users. This can be done through participation in parades, fairs and events in communities adjacent to the GP and MH National Forests. Pertinent information to deliver to the public includes but is not limited to: current fire conditions, existing fire laws, regulations and restrictions, and general fire preparedness and safety.

Prevention and recreation technicians that are assigned areas of responsibility for patrol will make the most direct contact with forest visitors. Contacts are routinely made in conjunction with regular patrols to developed campgrounds, dispersed sites, main travel routes and trailheads.

The Fire Prevention Technician will coordinate activities associated with programs such as Firewise, Defensible Space, One Less Spark and Wildland Urban Interface.

Prevention signs should be placed to reach the maximum number of forest users. Each district will follow the Fire Prevention Sign Plan. Each portal to the forest shall be posted with appropriate messaging.

B. School Fire Prevention Programs/Team Teaching

Programs associated with local schools will be coordinated by the Fire Prevention Technician. Programs should be attended by available fire personnel. Smokey Bear is a vital symbol, and should be present at school fire prevention presentations. Team Teaching will occur annually

during the months of February – May. Fire personnel will assist the Fire Prevention Technician as available.

C. Fire Prevention Cooperatives

The Gifford Pinchot and Mt Hood National Forest should continue to participate and support cooperative organizations that include local, state and federal agencies with an interest in the common goal of fire prevention. The GP and MH are currently members of the Mid-Columbia Fire Prevention Cooperative, as well as the Southwest Washington Fire Prevention Cooperative, where we share the use of our materials, equipment and personnel.

D. Community Wildfire Protection Plans (CWPP)

Partnering with our neighbors is a priority. Community Wildfire Protections Plans allow us to provide information on how to safeguard homes and communities from catastrophic wildfire. We should assist local fire departments, conservation districts and governments in the development of Community Wildfire Protection Plans, as well as assist in securing grants that assist with creating Firewise Communities.

VI. Closures and Restrictions

Extreme fire danger may prompt a need to consider closures and/or restrictions to protect the public and natural resources from harm or damage. The most likely restrictions will be on campfires and smoking.

If the need is identified, public use restrictions may be implemented. Closures will occur in accordance with 36 CFR 261.50. Individual Forest Supervisors will issue closures as conditions warrant.

General closures include: discharge of fireworks or other pyrotechnic devices on forest land (36 CFR 261.52f), fire restrictions initiated by the Forest Supervisor.

For information regarding posting of Public Use and Fire Restrictions on the Gifford Pinchot National Forest, contact the forest Fire Prevention Technician to obtain a copy of the Fire Restriction Posting Instructions.

VII. Industrial Operations

Prevention staff will be involved in assuring that industrial operations are complying with local regulations. Industrial operations will be subject to the Industrial Fire Precaution Level (IFPL). A copy of the IFPL and its associated closures can be found in Appendix C.

Industrial operations include: Timber sales, road construction and maintenance, brushing with machinery, non-commercial thinning

VIII. Reduction of Physical Hazards

Slash from timber harvest activities will be disposed of by removal or burning as specified in timber sale contracts. Natural fuel accumulation will be disposed of by the best applicable method as time and finances permit. Slash, snags, and hazardous trees in all campgrounds and other recreation areas will be disposed of as determined by recreation and fire personnel. Disposal supervision will generally be done by district fire management.

IX. Prevention Sign Plan

The GP and MH Fire Prevention Sign Plan is designed to remind the transient forest user of the objectives in reducing human caused fires. The seasonal poster plan will be in full swing by Memorial Day weekend or as conditions are indicative. At the close of fire season, all signs will be removed by October 1st, painted and stored properly. Throughout the season, posters will be changed according to the forest Sign Plan. Signs boards vary in size, and are located at forest boundaries, major road junctions, high use areas, and on portal entrances to the forest. Sign size is dictated by road speed limits.

Sign posting at all locations will be on a rotating basis for the season. Each location should have signs changed three times a season for a fresh look and message. In addition, “No Fireworks” signs will be posted for the 4th of July period.

Prevention Sign Plan information for the GP and MH can be referenced in Appendix B.

X. Prevention Training

Fire prevention is the responsibility of all employees. The Forest Fire Prevention Technician will be the primary contact for prevention related activities. Orientation and on-the-job training will be provided as needed.

Specialized training or workshops emphasizing fire prevention will be attended as needed and as finances are available.

XI. Law Enforcement

Enforcement will be directed towards those who negligently start fires with disregard for life and property. Education should be a first priority, but when ineffective, other methods will be enforced. Prevention patrol personnel may be Level II Law Enforcement Officers. Other federal, state and county officers will receive full cooperation and will be utilized to the fullest.

If prevention patrol personnel become involved in a tense situation, judgement should be used. If necessary, leave the scene, contact Columbia Dispatch and request law enforcement.

During periods of elevated fire danger, forest or regional orders may be put into effect. Compliance, whether it is by posting signs, closing roads, etc., will be coordinated through fire management with assistance from law enforcement.

APPENDIX A: Sign Location Index

Gifford Pinchot National Forest - Cowlitz Valley Ranger District

Name	Road	Legal	Coordinates	Size
IFPL SIGN	Hwy 12	T12N R07E Sec 16	N46°32'02.3"W121°55'58.5"	NA
Fire Danger	Hwy 12	T13N R11E Sec 11	N46°32'02.4"W121°47'19.8"	NA
Fire Danger 2	52/Cannon	T13N R09E Sec 16	N46°36'53.7"W121°40'56.0"	Medium
Fire Danger 3	52 North	T14N R07E Sec 05	N46°44'01.7"W121°56'23.7"	NA
Double-Sided 2	52/47 Rd.	T13N R09E Sec 08	N46°38'17.4"W121°42'41.1"	Large
Double-Sided 3	52/84 Rd.	T14N R07E Sec 03	N46°44'03.9"W121°54'51.9"	Large
Double-Sided 4	Hwy 12 Cora	T12N R08E Sec 15	N46°32'02.4"W121°47'19.8"	Large
Hwy 123	Hwy 123	T14N R10E Sec 20	N46°41'36.4"W121°34'38.0"	Med DbI
1284	1284	T13N R11E Sec 03	N46°38'10.7"W121°24'20.8"	Medium
1276	1276	T14N R10E Sec 22	N46°41'03.9"W121°32'49.9"	Medium
45	45	T14N R10E Sec 21	N46°41'49.2"W121°33'43.5"	Medium
44	44	T14N R10E Sec 17	N46°42'50.7"W121°34'30.3"	Medium
1270	1270	T14N R10E Sec 31	N46°39'27.7"W121°36'07.9"	Medium
46-1	46	T13N R10E Sec 06	N46°39'03.0"W121°36'07.3"	Medium
46-2	46/4610	T14N R10E Sec 32	N46°39'47.0"W121°35'24.2"	Medium
1266	1266 Lake Crk.	T13N R09E Sec 12	N46°38'11.0"W121°38'07.5"	Medium
5290	5290/Cannon	T14N R09E Sec 36	N46°39'15.1"W121°38'03.4"	Medium
5270	5270 off 52	T13N R09E Sec 08	N46°38'05.9"W121°42'36.7"	Medium
47-1	47 off 52	T13N R09E Sec 08	N46°38'14.0"W121°42'41.7"	Medium
5240	5240 off 52	T14N R08E Sec 16	N46°42'06.0"W121°48'44.2"	Medium
84	84 off 52	T14N R07E Sec 03	N46°43'54.2"W121°54'49.4"	Medium
85	85 off 52	T14N R06E Sec 01	N46°43'48.8"W121°58'53.5"	Medium
59	59 off Hwy	T15N R07E Sec 30	N46°45'23.7"	Medium

Name	Road	Legal	Coordinates	Size
	706		W121°57'56.7"	
1260	Off Snyder	T13N R09E Sec 23	N46°36'22.2" W121°39'18.5"	Medium
48	48	T13N R09E Sec 28	N46°35'10.5" W121°40'34.1"	Medium
21-1	Off Hwy 12	T13N R09E Sec 33	N46°34'19.0" W121°41'25.2"	Medium
21-2	2150 Jct.	T10N R10E Sec 03	N46°27'20.4" W121°33'07.4"	Medium
21-3	At Pimlico Crk.	T10N R10E Sec 03	N46°23'17.8" W121°33'30.3"	Medium
20	Off Hwy 12	T12N R09E Sec 05	N46°33'52.3" W121°42'31.2"	Medium
1256	Carr Rd.	T12N R08E Sec 10	N46°36'53.6" W121°40'55.8"	Medium
47-2	Off Silverbrook	T12N R07E Sec 10	N46°32'35.6" W121°54'40.8"	Medium
23	2304/2305	T12N R07E Sec 34	N46°29'14.2" W121°54'46.0"	Medium
25	Mile	T12N R07E Sec 28	N46°29'40.6" W121°56'50.9"	Medium

Gifford Pinchot National Forest - Mt Adams Ranger District

SIGN #	TYPE OF SIGN	ROAD LOCATION	SIZE	STYLE
1	Boundary	Rd 82, FS-BIA	42x34 (2 sides)	Hanging Roadside
2	Boundary	Rd 82/8225	54x44 (1 side)	Hanging Roadside
3	Boundary	Rd 80/8020	42x34 (1 side)	Hanging Roadside
4	Boundary	Rd 23	54x44 (2 sides)	Hanging Roadside
5	Boundary	Rd 88/8810	54x44 (1 side)	Hanging Roadside
6	Internal	Rd 88/8871	42x34	Hanging Roadside
7	Boundary	Rd 86/8631	42x34 (1 side)	Hanging Roadside
8	Boundary	Rd 24	54x44 (2 sides)	Hanging Roadside
9	Internal	Rd 24/60 @ Peterson Cabin	42x34 (1 side)	Hanging Roadside
10	Internal	Rd 66/6615 @ South Prairie	42x34 (1 side)	Hanging Roadside
11	Boundary	Rd 18, ¼ mi. south of 66 Jct	54x44 (2 sides)	Hanging Roadside

SIGN #	TYPE OF SIGN	ROAD LOCATION	SIZE	STYLE
12	Internal	Rd 18, 1.5 mi. south of Oklahoma CG	42x34 (2 sides)	Hanging Roadside
13	Internal	Rd 60/6040	42x34 (2 sides)	Hanging Roadside
14	Internal	Rd 60, 1 mi. west of 6048 Rd	44x16 (2 sides)	Hanging Roadside
15	Internal	Rd 60/65	42x34 (1 side)	Hanging Roadside
16	Internal	Rd 65/6507	44x16 (1 side)	Hanging Roadside
17	Internal	Rd 30 near Old Man's Pass	54x44 (2 sides)	Hanging Roadside
18	Internal	Rd 30 near Dry Creek Rd.	54x44 (2 sides)	Hanging Roadside
19	Boundary	Rd 54	54x44 (2 sides)	Hanging Roadside
20	Internal	Rd 60, ½ mi. east of 30 Rd	42x34 (2 sides)	Hanging Roadside
21	Internal	Rd 43 @ Wind River Work Center	44x16 (2 sides)	Hanging Roadside
22	Internal	Rd 65 near Panther Creek	44x16 (2 sides)	Hanging Roadside
23	Internal	Rd 6808 near Bear Creek	44x16 (2 sides)	Hanging Roadside
24	Boundary	Wind River Hwy	54x44 (2 sides)	Hanging Roadside
25	IFPL (with Smokey)	Wind River Hwy @ High Bridge	4' x 8'	
26	IFPL (with Smokey)	Rd 23/Forest Hwy 17	4' x 8'	
27	IFPL	Rd 18 @ Willard	4' x 8'	

Gifford Pinchot National Forest – Mt St Helens National Volcanic Monument

SIGN #	Location	Legal	Latitude	Longitude	Size/Type
1	Jct 503/81	T7N R3E S33	46° 02'30.5"	122°18'37.9	Smokey adj/IFPL
2	8100/Forest Boundary	T7N R5E S5	45°49'08.0"	122°15'10.4"	Large hanging
3	90 Rd/Swift Power Station	T7N R5E S28	46°03'27.0"	122°14'08.4"	Large hanging
4	90 Road @ PCWC	T6N R6E S26	46°03'45.8"	122°01'44.8"	Smokey adj, IFPL
5	90 Road across from PCWC	T6N R6E S26	46°03'46.2"	122°01'42.5"	Medium Rectangle
6	90 Road/Curly Creek Road	T7 N R5E S32	46°03'19.0"	122°03'08.4"	Large hanging
7	Chelatchie Prairie Store	T5 N R 3E S12	45° 55'40.1"	122°22'44.1"	Smokey adj
8	42 Road @ Sunset CG	T4N R5E S19	45°49'08.0"	122°15'10.2"	Smokey adj/IFPL
9	54 RD Forest Boundary	T4N R5E S (PB)4	45°55'58.8"	122°14'44.4"	Medium Rectangle

Mt Hood National Forest – Barlow Ranger District

Name	Road	Legal	Coordinates	Size
44 Boundary	44 Rd. 75 west of Jct. with 44/60			34"/42"
44-17 Jct.	44 Rd .1 mile east of 17 Rd. Jct.			34"/42"
1720	1720 R .2 mile west of Forest boundary			16"/44"
Owl Hollow	2730 Rd .1 mile west of 4421 Jct.			16"/44"
27-2730 Jct.	27 Rd .1 mile SW of 2730 Jct.			16"/44"
2710-27 Jct.	2710 Rd 65 feet west of 27 Rd. Jct.			16"/44"
Rock Creek	48 Rd .1 mile west of Forest Boundary			34"/42"
216 Boundary	Hwy 216 .1 mile west of Forest Boundary			34"/42"
2110	2110 .4 mile north of 216 Jct.			16"/44"
2130-43 Rd.	On 2130 20 yards. East of 43 Rd. Jct.			16"/44"
2130	2130 .1 mile north of Hwy 216 Jct.			16"/44"
ODOT	Hwy 216 .1 mile east of Hwy. 26 Jct.			34"/42"
Hwy 26	Hwy 26 .5 mile north of Hwy 216 Jct.			34"/42"
43 Rd.	43 Rd .1 mile north of Hwy 26 Jct.			34"/42"
White River	3530 Rd .2 mile east of 43 Rd. Jct.			16"/44"

Mt Hood National Forest – Clackamas River Ranger District

Name	Road	Legal	Coordinates	Size
Dinger	58 & 270 spur	T4S R8E S35	N45 10 42.0/ W121 48 12.5	46"/20"
Black Wolf Meadows	58 & 180 spur	T5S R8E S7	N45 09 01.0/ W121 52 37.0	48"/20.5"
Bear Skull Springs	4220 & 032 spur	T7S R8E S34	N44 54 25.4/ W121 48 23.0	46"/37"
Anvil	57 & 5810 Jct	T5S R8E S27	N45 06 50.8/ W121 48 34.6	48"/20"
Tim-4280	42 & 4280 Jct	T5S R8.5E S25	N45 06 19.8/ W121 44 31.6	44"/16"
Abbott Wood cut area	58 & 240 spur	T4S R8.5E S35	N45 10 48.7/ W121 44 47.4	44"/16"
Little Crater Lake	58 & 220 spur	T5S R8.5E S12	N45 08 36.2/ W121 43 55.6	54"/44"
Joe Graham Horse Camp	42 & 4280	T5S R8.5E S26	N45 06 15.1/ W121 44 37.7	54"/44"
Hood view Gone	57 & 5750	T5S R8E S25		54"/44"
Big Cliff	Hwy 224 @ Memaloose	T4S R5E S29	N45 11 50.2/ W122 13 03.4	55"/44"
Warm Spring Cabin	42 & 4220	T7S R8E S1	N44 49 25.1/ W121 47 01.5	42"/51"
Triple Threat	46 & Si Si Creek	T7S R7E S36	N44 55 30.4/ W121 53 20.2	48"/47"
Summit Lake	42 & 141 Spur	T6S R8E S24	N45 02 13.8/ W121 46 51.4	46"/20"
Oak Grove Fork	57 rd East of Oak Fork Campground	T5S R8E S25	N45 06 25 25.9/ W121 45 35.8	42"/51"
Mt Hood/ Willamette Boundry	46 & 076 Spur	T9S R8E S7	N44 48 39.1/ W121 52 57.3	54"/44"
IFPL Sign	42 & 57 Jct.	T5 R8.5 S26	N45 06 1.9/ W 121 44 58.2	N/A
IFPL Sign W/ Smokey	Hwy 224 Estacada	T3S R4E S28	N 45 17 03.4/ 122 19 55.2	N/A
IFPL Sign W/ Smokey	Hwy 224 Ripplebrook	T5S R6E S2	N 45 04 44.2/W122 03 11.7	N/A

Mt Hood National Forest – Hood River Ranger District

Name	Road	Legal	Coordinates	Size
Lolo Pass	1810 Rd. & 18 Rd Jct.			42"/34"
Red Hill	16Rd & Forest Boundary			42"/34"
Dry Run	18Rd & Forest Boundary			42"/34"
Lost Lake	13Rd & Forest Boundary			42"/34"
Cooper Spur Resort	Cooper Spur Rd. & Forest Boundary			42"/32"
Mazama	1811 Rd. & Forest Boundary			44"/16"
Jones Creek	.5 miles from 13 Rd & 1340 Jct.			44"/16"
Lake Branch	13 Rd. 3 Miles from 13/13 Jct.			44"/16"
Wahtum Lake	1310 Rd. 3 miles from 13/1310 Jct.			44"/16"
Mt. Defiance	2820 Rd. & Forest Boundary			44"/16"
Kingsely	620 Spur near Forest Boundary			44"/16"
Green Point	2810 Rd. & Forest Boundary			44"/16"
Boomer Creek	1610 Rd. & Forest Boundary			44"/16"
Gregor Homestead	1620 Rd. & Forest Boundary			44"/16"
Laurance Lake	.25 miles before the Jct. of 630 spur & 2840 Rd.			44"/16"
Evans Creek	3511 Rd.& Forest Boundary			44"/16"
Cooper Spur	.5 Miles Past 3512 & Cooper Spur Jct.			12"/14"
Bald Butte	17 Rd & Forest Boundary			44"/16"
County Line	1711 Rd. near 620 Spur			44" 16"
Mill Creek Ridge	622 Spur			44"/16"
Round Prairie	1710 near 620 Jct.			44"/16"
Gibson	.25 miles South from Gibson Horse Camp			12"/14"
Dog River	Near Jct. of 44 Rd. & 620 Spur			12"/14"
Clinger Spring	Jct. of 44 Rd. & 4410 Rd.			12"/14"
Hwy 35	Hwy 35 & Forest boundary			54"/44"
Buzzard	Hwy 35 south of the 3500 & 620 Jct.			54"/44"
Little John	Jct. of 44 Rd. & Hwy 35			44"/16"
Pocket Creek	3540 Rd.			44"/16"
Schallie Falls	Near Jct. 3545 Rd. & 3555 Rd.			44"/16"
Bennett Snow Park	Jct. of 3550 & Hwy 35			44"/16"
Bennett Pass Kog	Hwy 35 South of Bennett Pass			
Barlow Butte	Jct. of 3560 Rd. & Hwy 35			44"/16"
Barlow Pass	Near Jct. or 3530 Rd. & 3531			44"/16"
Horse Theft	3520 Rd.			44"/16"
Teacup	680 Spur just past the gate			44"/16"
Sherwood	Past Sherwood CG on West Side of Hwy 35			12"/14"
Frog Creek	.5 Miles from 43 Rd. & Hwy 26 on 43 Rd.			42"/34"

Name	Road	Legal	Coordinates	Size
White River	.5 Miles from 48 Rd. & Hwy 26 R. on the 43 Rd.			42"/34"
Frog Lake	.25 Miles from Jct. 2610 & Hwy 26 on 2610 Rd.			44"/16"
Blue Box Pass	Near Jct. of 2660 Rd. & Hwy 26 on 2610 Rd.			44"/16"
Jockey (2640 Rd.)	At Jct. of 2640 & Hwy 26 on 2640 Rd.			44"/16"
Clear Lake #1	.25 miles from 2630 Rd. & Hwy 26 on the 2630 Rd.			44"/16"
Clear Lake #2	>5 Miles from 220 Spur & 2630 Rd. Jct. on the 2630 Rd.			44"/16"
Clear Creek 4290 Rd.	Near Jct. of the 4290 and 42 Rd. on the 4290 Rd.			44"/16"
Barlow Crossing	.25 from the 3550 Rd. & 43 Rd. Jct. on the 4890 Rd.			44"/16"

Mt Hood National Forest – Zig Zag Ranger District

Name	Road	Legal	Coordinates	Size
Salmon River	2618	T3S R7E S16	N45 25 34.3/ W121 48 44.3	8"/50"
IFPL W Smokey	Hwy 26 & Ranger Station	T3S R7E S3	N45 20 36.0/ W121 56 32.1	NA
Lolo Pass	18	T2S R8E S2	N45 25 38.3/ W121 47 48.1	8"/50"
Lolo Pass Boundary	18rd & Forest Boundary	T2S R7E S27	N45 22 27.2/ W121 54 32.8	8"/50"
Old Maid Flat	1825 & McNeil CG	T2S R8E S19	N45 22 53.8/ W121 52 44.0	44"/16"
Trillium Lake	2613 & 2612 Jct.	T3S R8.5E S25	N45 16 46.7/ W121 44 29.6	44"/16"
Trillium Lake & 2656	2656 & Trillium CG	T3S R8.5 E S36	N45 16 19.7/ W121 43 59.3	44"/16"
Trillium Lake Airstrip	2656 & 131	T3S R8.5E S25	N45 16 48.5/ W121 44 00.3	44"/16"

APPENDIX B: INDUSTRIAL FIRE PRECAUTION LEVELS (IFPL's)

Industrial Precautions

The US Forest Service, WA Department of Natural Resources, Oregon Department of Forestry, Bureau of Land Management, and Bureau of Indian Affairs all use the same four-level industrial regulation system. This system, which helps prevent wildfires by regulating industrial operations on public land, is known as the Industrial Fire Precaution Level (IFPL) system.

Level I: Closed Fire Season - fire equipment and fire watch service is required.

Level II: Partial Hootowl - limits certain activities between the hours of 8pm and 1pm.

Level III: Partial Shutdown - prohibits some activities and limits others to between 8 pm and 1 pm.

Level IV: General Shutdown - all operations prohibited.

Hootowl - A logging operation limited to the early morning hours when fire danger later in the day will require a cessation of operations.

Operation: Power Saws			
Precaution Level	Landing	Tractor/Skidder	Other Woods Saws
I. Closed Season	Fire Watch	Fire Watch	Fire Watch
II. Partial Hoot owl	Fire Watch	Hootowl	Hoot owl
III. Partial Shutdown	Hootowl	Hootowl	Prohibited
IV. General Shutdown	Prohibited	Prohibited	Prohibited
Operation: Yarding			
Precaution Level	Tractor/skidder	Cable (gravity systems)	Other Cable Systems
I. Closed Season	Fire Watch	Fire Watch	Fire Watch
II. Partial Hoot owl	Fire Watch	Hootowl	Hootowl
III. Partial Shutdown	Hootowl	Hootowl	Prohibited
IV. General Shutdown	Prohibited	Prohibited	Prohibited
Other Operations			
Precaution Level	Loading	Blasting	Welding
I. Closed Season	Fire Watch	Fire Watch	Fire Watch
II. Partial Hoot owl	Fire Watch	Hootowl	Hootowl
III. Partial Shutdown	Hootowl	Hootowl	Hootowl

APPENDIX C: Communities Adjacent to National Forest Lands

Gifford Pinchot National Forest

North Zone

Cowlitz Valley Ranger District

Glenoma

Packwood

Randle

Morton

South Zone

Mt St Helens NVM

Amboy

Chelatchie Prairie

Cougar

Northwoods

Yacolt

Mt Adams Ranger District

Carson

Mill A

Stabler

Trout Lake

Willard

Wind River Valley

Mt Hood National Forest

Clackamas River Ranger District

Barton

Boring

Carver

Colton

Damascus

Eagle Creek

Estacada

Happy Valley

Molalla

Zig Zag Ranger District

Fairview

Government Camp

Gresham

Rhododendron

Sandy

Troutdale
Welches
Wood Village

Hood River Ranger District

Hood River
Odell
Parkdale
Mt Hood

Barlow Ranger District

Chenoweth
Dufur
Maupin
Moro
The Dalles
Tygh Valley
Wasc

APPENDIX D: Priority Fire Prevention Events

Gifford Pinchot National Forest

Forest Headquarters

National Get Outdoors Day
Nature Explorer Camps at Camp Wairiki
Currie Day Camps (Camas Girl Scouts)
Women in Trades Career Fair
Smokey Bear's Birthday

Cowlitz Valley Ranger District

Team Teaching
White Pass Days
Fish Derby
Packwood Mountain Festival and Parade
Loggers Jubilee Parade

Mount St Helens NVM

Team Teaching
MCFPC Team Teaching Assist
Fire District 3 Open House
Hockinson Days Parade
Fish Derby
Yacolt Days Parade
Territorial Days
Skamania County FD 6 Pancake Breakfast
Clark County Sheriff's Office Public Safety Day

Mt Adams

Team Teaching
MCFPC Team Teaching Assist
Skamania County EMS Street Fair
Whitson Outdoor School
Spring Fest Parade (and booth)
Fish Derby
Glenwood Rodeo Parade
Mill A 4th of July Parade
Skamania Co Fair and Parade
Trout Lake Fair and Parade
Huckleberry Festival

Mt Hood National Forest

Clackamas River and Zig Zag Ranger Districts

Estacada Parade
Columbia Christian School
Barton Park Parade
Sandy Harvest Festival
Smokey Bear's Birthday
Sandy Mountain Festival Wildwood Festival Parade
Sandy Safety Fair

Hood River and Barlow Ranger Districts

The Dalles Cherry Festival
Fishing Clinic Camp Baldwin
Hood River County Fair
The Dalles Rodeo
Wamic Days
Wasco County Fair
Dufur Threshing Bee
Hood River Harvest Fest
Hunters Safety with ODF
Dufur Homecoming Parade

APPENDIX E: Trapline List

Gifford Pinchot National Forest

Cowlitz Valley Ranger District

Glenoma: Gene & Barb's, Post Office, East County Auto

Morton: Journal, Chevron, Post Office, Senior Center, Shell, Plaza Jalisco, Sentry Market, Tri-Mountain Sports, Morton County Market, Colton Pharmacy, Papa Bear's, River's Coffee House & Bistro, Cody Café, Brew Coffee & Espresso Bar

Packwood: Post Office, Real Estate (Windermere and Four-U), Shell, Blanton's Ace Hardware, Cruiser's Pizza Parlor, Blue Spruce, Sports Hut, Beslow's Butter Butte Coffee, Chevron, Cliff Dropper's, Fire Station

Randle: Fire Station, Bear Country Espresso, Post Office, Shell, Fischer's One Stop, Tall Timber's, Big Bottom, Huff & Puff, Arrow, Mt Adam's Café, Library, Rod's Tires, Bentwrench Automotive

Mt Adams Ranger District

Carson: Carson General Store, Post Office, Wind River Market, Fire Station (District 1, Station 1)

Glenwood: Glenwood General Store, Glenwood School, Mountain Inn, Post Office, Mt Adams Lodge at the Flying L Ranch

Mill A: Mill A School, Evergreen Community Church

Trout Lake: Mt Adams Ranger Station, Trout Lake Community Hall, Historic Trout Lake Country Inn, Post Office, Trout Lake Grocery, Andy's Valley Service, The Station Café, Heavenly Grounds Coffee, Trout Lake School, Trout Lake Valley Inn, Little Mountain Hardware, The Logs Inn, BZ Corner Grocery

Stabler: Wind River Work Center, Little Church in the Valley, Fire Station (District 1, Station 3)

Mt St Helens NVM

Amboy: Amboy Market, Countree Kitchen, Nick's Tavern, North Country Hardware, Chelatchie Prairie General Store

Cougar: Lone Fire Resort, Lakeside 24 Hour Fuel, Cougar Store, Cougar Bar & Grill

Northwoods: Fire Station (Skamania County Fire District 6), Eagle Cliff Store, Pine Creek Information Center

Yacolt: Yacolt Trading Post Grocery, Yacolt Elementary School, Yacolt Fire Station (District 13)

Mt Hood National Forest

Barlow Ranger District:

Clackamas River Ranger District: Estacada Post Office, Estacada Chamber of Commerce, Estacada Fish and Tackle, Get-n-Go Convenience Store, Estacada Thriftway, Shell Station, Promontory Park, Ripplebrook Guard Station

Hood River Ranger District:

Zig Zag Ranger District: Timberline Lodge, Government Camp Post Office, Welches Post Office, Brightwood Post Office, Mt Hood Area Chamber of Commerce, Mt Hood Foods, Zig Zag Inn, Hoodland Thriftway, The Fly Fishing Shop in Welches

APPENDIX G: Fire Prevention Key Contacts

Contact	Affiliation	Number	Email
Fletcher, Rick	ODF The Dalles, MCFPC	(541)980-9036	richard.a.fletcher@oregon.gov
Higuera, Allison	Southwest Washington Clean Air	(360)574-3058	allison@swcleanair.org
Maloney, Lauren	BLM/USFS Fire Prevention - RO	(503)808-6587	lmaloney@blm.gov
Miller, Gala	GP Public Affairs	(360)891-5014	galamiller@fs.fed.us
Nairns, Kiel	ODF The Dalles	(541)296-4626	kiel.r.nairns@state.or.us
North, Tom	WA DNR Fire	(360)480-4074	tom.north@dnr.wa.gov
Pramuk, Laura	MH Public Affairs	(503)668-1719	lbpramuk@fs.fed.us
Richardson, Dan	Underwood Conservation District	(509)493-1936	dan@ucdwa.org
Ripp, Sue	GP Public Affairs	(360)891-5153	sripp@fs.fed.us
Roblez, Maria	CRGNSA, Fire Prevention	(541)806-0229	mroblez@fs.fed.us
Sharp, DeAnn	SWFPC, VP		dsharp@cowlitzfd5.org
Steiger, Ray	SWFPC, President	(360)597-5332	steiger@teleport.com
Teel, Zach	FH Front Desk	(360)891-5001	zteel@fs.fed.us
Wilson, Amy	MSHNVN Community Engagement	(360)449-7831	awilson@fs.fed.us