

APPENDIX N – Preparedness Staffing Plan

Preparedness Actions

Preparedness plan actions taken within Lassen Volcanic National Park will be complementary to actions taken on adjacent districts of the Lassen National Forest. This document will complement the interagency Fire Danger Operating Plan (FDOP) for the Lassen National Forest and Lassen Volcanic NP. The FDOP defines preparedness actions on the LNF and dispatch levels for both the forest and the park. This document describes preparedness and fire business actions specific to the park. Additional, pertinent documents that identify operational actions and provide guidance include National and California Mobilization Guides and Susanville Interagency Fire Center (SIFC) operations plans.

The Park utilizes 3 NFDRS stations for analyzing its fire danger. Two are USFS Lassen National Forest stations (Chester and Bogard) and one coop station (Manzanita Lake). Manzanita Lake is the primary station for the park, and the other two stations are used to help contextualized the data from Manzanita Lake. These stations are summarized in the table below:

Station Name	NFDRS #	*MSGC	Owner	Location
Manzanita Lake	040609	Y2A3	LNF/LNP	NW entrance to park
Bogard	040703	Y1A3	FS-LNF	10 mi NE of park
Chester	040904	Y1A3	FS-LNF	Chester

*Model/Slope/Grass/Climate Class

Lassen Volcanic National Park has selected Energy Release Component (ERC) from the National Fire Danger Rating System as the key variable for establishment of staffing classes. The ERCs listed below have been calculated according to analysis of 12 years of weather collected at the Manzanita Lake RAWs from 2010 through 2021. Data is on file in the Lassen Volcanic National Park fire management office.

SC	Adjective Rating	Percentile	Energy Release Component
1	Low		0-12
2	Moderate		13-25
3	High		26-50
4	Very High	90	51-56
5	Extreme	97	57+

Each staffing class has been identified with a corresponding ERC and fire danger adjective rating. The analysis of this information allows fire managers to evaluate the

potential for new natural or human caused ignitions, potential for expected fire behavior, and difficulties that may be encountered while implementing appropriate management actions.

All operations will be conducted in accordance with National Park Service and interagency wildland fire policies and guidelines (DO-18, RM18, Federal Wildland Fire Policy Implementation Guide).

Step-Up Plan

Staffing Class	ERC	Step-Up Action
1	0-12	Normal tours of duty and numbers of preparedness/fuels crew personnel.
2	13-25	Normal tours of duty and numbers of preparedness/fuels crew personnel. Authorize additional staffing and specify tours of duty to meet prescribed fire and use of wildland fire objectives. As staffing and time permits begin collecting fuel samples from plot sites as access becomes feasible, maintain throughout season.
3	26-50	All actions in class 2. Specify and extend tours of duty for key permanent staff, preparedness and fuels crew personnel, as needed. If the Park has active wildfires, consider the need for outside resources. Duty officer is available during normal duty hours. Type 4 Incident Commander is available during operational shift. Type 3 Incident Commander is available. Provide a daily briefing to all operational personnel that includes a safety discussion, daily weather and local, regional, and national situational review.

If it is determined that a period of high visitation and or holiday weekends may pose exceptional risk of human caused wildfire, forecasted weather calls for a Fire Weather Watch, Red Flag Warning or there is predicted or an observed lightning activity level (LAL) of 3 or greater, staffing may automatically advance to class 4.

Staffing Class	ERC	Step-Up Action
*4	51-56	<p>All actions in class 3.</p> <p>Open step-up account for extended staffing, outside resources as required and other associated costs.</p> <p>Request severity if analyses indicate long-term drought conditions.</p> <p>Initial response personnel available within 3-5 minute response time.</p> <p>Extended work week and tours of duty are authorized.</p> <p>If lightning is forecasted detection flights may be requested.</p> <p>Provide 7-day engine coverage according to staffing availability.</p> <p>Staff MT Harkness lookout.</p> <p>Provide prevention patrols in areas with high visitation.</p> <p>Initial response/monitoring crews will consist of a minimum of 2 people, one of whom will be qualified as a Type 5 IC, Squad boss or Fire Effects Monitor.</p> <p>Review the need for support personnel from other park staff or interagency partners.</p> <p>The emergency hire of AD personnel is authorized.</p> <p>Consider outside management for fire use activities.</p> <p>Coordinate with adjoining land management agencies to assure adequate staffing for response area.</p>
5	57+	<p>All actions in class 4.</p> <p>Superintendent is advised of current situation and all applicable park staff are made available to support emergency preparedness work.</p> <p>Severity request is submitted if extended outlook continues to be hot and dry.</p> <p>Work week and daily tours of duty may be extended for all fire qualified in park support and key permanent staff.</p> <p>Initial response and or monitoring crews will be available at Mineral and Manzanita Lake.</p> <p>Look out shift may be extended or altered to cover evening or night-time periods when the LAL is 3 or greater.</p>

*When weather services predict a Fire Weather Watch, Red Flag Warning, high risk of lightning or there is an increased risk of human caused fires the staffing class will automatically advance to 5.

The DO will provide oversight to any fire management action directed by the implementation this plan, monitor resource progress on incidents, set priorities for incidents and resources, relay information to fire management staff and the superintendent (as needed), process requests for additional resources and supplies, and order aircraft support as needed. Fire personnel will remain in radio contact with the Duty Officer during all operational phases of fire incidents and report any significant events or fire status change.

Duty Officers” at LAVO must be at a minimum qualified as a Incident Commander Type 4 (ICT4) and qualified as a Task Force Leader (TFLD). Duty Officers must have the necessary skills to provide leadership and safe supervision during initial and extended attack incidents and other emergencies. The Duty Officer position has two areas of responsibility, administrative and operational. The Susanville Interagency Fire Center (SIFC) will contact the identified Duty Officer for all resource and staffing needs day or night.