# **2023 ANNUAL REPORT FOR:**





# PRESCRIBED FIRE, SMOKE, AND PUBLIC HEALTH:

A Community Response Plan for the Bend Smoke Sensitive Receptor Area

#### Introduction

This report is provided to meet the requirements of OAR 629-048-0180 (3)(f) in order to maintain the exemption from the one-hour air quality threshold in the Oregon Smoke Management Plan granted on December 7, 2019 for the Bend Smoke Sensitive Receptor Area. This report describes actions taken from the period of January 1, 2023 through December 31, 2023 regarding the implementation of the Bend Smoke Sensitive Receptor Area (SSRA) Community Response Plan (CRP).

## **Overview of the 2023 Prescribed Fire Year**

During the first few months of 2023, firefighters conducted pile burning operations as heavy snowfall provided opportunities for ignitions through February. Heavy precipitation and lingering snowpack delayed the start of spring understory prescribed burning season.

Spring understory prescribed burning got underway at the end of April with 936 acres of ignitions conducted by local unit firefighters with support from Central Oregon Prescribed Fire Training Exchange participants.

In May, Deschutes National Forest firefighters conducted 12 days of active ignitions, often burning in multiple locations on one day. Accomplishments included completing the remaining 763 acres of prescribed burning treatment within the Ann's Butte units directly adjacent to the River Meadow subdivision in Sunriver, conducting cross-boundary burning with Oregon Department of Forestry within the Gilchrist State Forest, and implementing multiple operations within the Sisters Area Fuels Reduction units directly adjacent to the community of Sisters.

The Deschutes National Forest hosted a prescribed burn tour for local elected officials, stakeholders, partners and media on a 188-acre prescribed burn located directly across from the Sisters Middle and High Schools. Participants experienced a prescribed burn from the operational briefing through ignitions.

Understory prescribed burn ignitions continued through mid-June before unfavorable conditions persisted. A recap of the Spring 2023 Prescribed Burn season can be found here.

In the fall, understory prescribed burning resumed in early October with a handful of operations occurring within the wildland-urban interface around Sisters and 1,243 acres of prescribed burning completed approximately 11 miles east of Bend. Firefighters ignited 984 of the 1,234 acres using Unmanned Aerial Systems (UAS) platforms, a first for the Deschutes National Forest.

Firefighters transitioned to pile burning in the middle of October and periodically continued hand and landing pile ignitions through December. Notable pile burning operations included 38 acres of hand pile ignitions on Forest Service land located within the Oregon Water Wonderland subdivision in Sunriver and landing piles adjacent to Skyliners Road directly west of Bend.

As illustrated in Figure 1, significant wildfire smoke impacts in the Bend SSRA occurred from late July through early September, in contrast with prescribed burns conducted in the Spring.

# 2023 Spring Prescribed Burn and Summer Wildfire Seasons Legend Average Daily PM2.5 (Bend Pump Station) 500 Prescribed burn unit Air Quality Index Prescribed I 150 Good Moderate Unhealthy - sensitive groups 125 Unhealthy - everyone Burn Unit Size (Acres) 100 75 50 Jun-01 Jul-01 May-01 Aug-01 Sep-01 Date

Figure 1. Average daily PM2.5 ( $\mu g/m^3$ , left Y axis) with the right Y axis denoting prescribed burn unit size (acres) corresponding to individual prescribed burns conducted within the upper Deschutes basin of Deschutes County (orange triangles). Note good overall air quality readings and no average-daily intrusions (one incident recorded) during the prescribed burn window (May-June) in contrast with unhealthy air quality readings throughout the wildfire season (late July-August).

The following sections (A-D) are intended to address OAR 629-048-0180 (3)(f) (A) - (D) which states: ... SSRAs that have received an exemption must demonstrate they are implementing their community response plan through an annual report provided by the local health authority detailing: (A) Compliance with requirements in [629-048-0180](2);

- (B) A summary of methods used to communicate to the public and vulnerable populations;
- (C) A log of dates and times the community initiated their response plan;
- (D) A record of local meetings to discuss or update the community response plan.

(A) Compliance with Requirements The approved Bend SSRA CRP continues to be relevant and reflective of the smoke and public health issues in Central Oregon. The CRP partners are discussing the first update to this plan in 2024. A key goal of updating this plan will be to broaden the geographic scope to include all of Deschutes County. Other additions will describe new communications networks and partnerships that support this ongoing effort to protect our community from smoke.

Social license is a critical element of furthering this work—without community buy-in, prescribed fire is exceedingly difficult to implement. Similarly, wildfire readiness and community understanding of how to respond in the event of an emergency are equally important to protecting public health and safety. For these reasons, this report includes examples of outreach related to forest restoration and the Wildfire Crisis Strategy and emergency/wildfire evacuation readiness, in addition to smoke and health-focused communications.

Public health efforts to increase community resilience to smoke can be thought of in two categories: risk communications and education, and mitigation/interventions. Interventions to reduce exposure to wildfire smoke are still relatively new in Central Oregon and include offering daytime respite from smoke and heat as well as increasing overnight shelter capacity during wildfire season. In addition to communications, this report will describe an overview of sheltering efforts and the data being collected to inform decision making about sheltering in future seasons.

# (B) Summary of Communication Methods

#### **Central Oregon Fire Website**

The <u>CentralOregonFire.org</u> website continues to serve as the centerpiece of the communication strategy. Each agency can post relevant information they wish to make available to the public (Deschutes National Forest, Bureau of Land Management, Oregon Department of Forestry). The website is used throughout the year to keep the public and vulnerable populations up to date on when and where to expect prescribed fire and associated smoke. The website landing page shows a news feed with the most recent updates on prescribed burning and wildfires. Additional pages have interactive maps that are updated as burns are planned and implemented. Detailed information about smoke and health is now part of this website, with the videos and graphics referenced previously in the report.

Multiple issues with the *CentralOregonFire.org* related to website maintenance and upkeep were identified and resolved in 2023. Without going in depth, it is relevant to include this in the annual report because it is the type of challenge that comes up when you have a cross-cutting partnership across many entities such as COFMS (Central Oregon Fire Management Service) and the others that support this CRP. The oversight, maintenance and management will be migrated from Deschutes County Natural Resources to <u>Oregon Living with Fire in June 2024</u>. This arrangement keeps all of the collaborating parties connected while not assigning ownership to a particular agency or entity.

There were changes made to the Everbridge account used to send text alerts about prescribed burns. These were going out with the header "DESCHUTES ALERTS", which is used by Deschutes County Emergency Management (DCEM) for emergency alert notifications. Over time the DCEM staff were fielding increasing numbers of queries/complaints from people concerned that they were getting

emergency alert messages to notify them about prescribed burns. DCEM was concerned that people would opt out of emergency alerts due to this confusion. While this change is minor and not likely to be noticed by many recipients, it is another example of the type of coordination involved in partnerships that are aligned on delivering urgent communications.

# **Summary of Digital Media**

Current # of Text Alert Subscribers	18,654 Unique Opt-Ins (+2,993 from 2022)
Central Oregon Fire Info Twitter	18,259 Followers (+1,083 from 2022)
CentralOregonFire.org Email Subscribers	2,513 Subscribers

#### **COFIRE Text Alerts**

Opt-in text alerts are sent to subscribers for all understory prescribed burns and high-profile pile burning with details including location, planned acres and scheduled ignition time. The same text alert group transitions to wildfire alerts during wildfire season.

# **Central Oregon Fire Info X** (formerly known as Twitter) (@CentralORFire)

The Central Oregon Fire Info X (formerly known as Twitter) account is used to supplement information provided on the Central Oregon Fire Info website. Links to press releases are posted to the X (formerly known as Twitter) account.

In addition, supplemental posts outlining various phases of prescribed burn operations, including test fire, ignition progression and completion of ignitions are added to the account for high-visibility understory burns. The public is notified of daily pile burning updates not captured by a press release via X (formerly known as Twitter) posts.

Information is also amplified on the Deschutes National Forest's X (formerly known as Twitter) (16,437 Followers) and Facebook (29,297 Followers) accounts.

## **CentralOregonFire.org Email Subscribers**

All blog posts added to the *CentralOregonFire.org* website are emailed out to those who have opted-in to the email subscription. Users can sign-up for this distribution list on the *CentralOregonFire.org* webpage.

**Deschutes County Social Media** Deschutes County (DC) staff developed a suite of social media posts related to smoke and health that were shared throughout the Spring and Summer, in both English and Spanish. All posts from DNF announcing planned burns were shared on DC social media channels: Facebook, X (*formerly known as Twitter*) and Instagram. DC also posted about wildfire education topics including safe recreation, evacuation readiness, and landscape treatments featuring the PSA's described below.

#### **Other Outreach**

Events listed below cover efforts to educate the public not only about smoke and health, but also why forest treatments are needed.

• **PSA Campaigns on local TV and radio** – The Oregon State Fire Marshal in partnership with several local entities connected via the Central Oregon Fire Prevention Co-op, developed a series of television and radio public safety announcements (PSAs) in English and Spanish that were featured on local television and radio networks. The campaign included PSAs on prescribed burning and forest treatments, safe outdoor burning and resident wildfire mitigation. The PSA's that were

developed as part of the Smoke and Your Health campaign in 2022 were given air time in conjunction with these videos. These PSA's were also shared on Deschutes County and partners' social media channels.

- "West is Burning" Film Screening & Panel Discussion Series Discover Your Forest, non-profit partner of the Deschutes National Forest, hosted three showings of *The West is Burning* documentary followed by a panel discussion with local fire practitioners and land managers in Sisters, Bend and La Pine. Attendees had the opportunity to learn about the need for increased pace and scale of wildfire risk reduction and forest health restoration while learning about the additional funding and opportunities we have on our landscape as a result of being a part of the Central Oregon focal landscape under the Forest Service's Wildfire Crisis Strategy. Organizations including Deschutes Collaborative Forest Project, Oregon State Fire Marshal, Project Wildfire, Deschutes County Public Health, and other community organizations provided resources during a tabling portion of the events. The three events had a total of approximately 240 people in attendance.
- Media Interviews Deschutes National Forest public affairs staff conducted 20 media interviews spanning television, radio and print media to provide information on stories related to prescribed burning. Seven of these stories included providing media escorts to prescribed burns to highlight the nuances of operations.
- Wildfire Crisis Strategy Trivia Nights Discover Your Forest, the non-profit partner of the Deschutes
  National Forest, & the Deschutes National Forest hosted a round of WCS-related trivia at a highly
  popular local trivia night at Silver Moon Brewing. Over 100 people were in attendance and
  participated in the trivia round after receiving an introduction to why this work is needed and local
  efforts. More dates are planned for 2024.
- Recreation Site Kiosks Deschutes National Forest public affairs staff created a Central Oregon Fire
  information poster and disseminated it to all Forest Service volunteers, recreation and front desk
  staff. The poster provided resources for how folks can stay connected and find prescribed burning
  information and resources. Staff placed posters at recreation sites, trailheads and other popular
  kiosks to provide information to locals and visitors alike.
- The Central Oregon Public Health Newsletter This was developed to provide updates to the community during the pandemic to residents of the tri-county. It has been re-tooled as a monthly newsletter about public health topics. The May newsletter included an article about wildfire/smoke readiness which went out to 49,000 emails, and had an open rate of 58.1%.
- Local Public Health outreach Below is a list of meetings or events at which local public health staff provided education to partners and community organizations throughout 2023 about smoke and health, emergency alerts and where to get more information.

Date	Meeting or Event
1/30/2023	Bend Senior Center – Meals on Wheels volunteers
2/7/2023	Public Health Advisory Board – Recap of 2022 Wildfire/Smoke Season and Plans for 2023
3/29/2023	Bend Senior Center – Get Ready for Wildfire Season
4/18/2023	Project Wildfire – How to Protect your Health from Smoke

5/9/2023	Public Health – Clinical Partners Roundtable
8/22/2023	La Pine Senior Center – Get Ready for Wildfire Season
5/12/2023	Prescribed Fire Press Event at Sisters High School
7/10/2023	Central Oregon Community Resource Huddle (clinical and community partners serving
	vulnerable populations)
7/11/2023	Mosaic Medical (FQHC) – present to Community Health Workers at their staff meeting/in-
	service training
7/3/2023	Radio interview for local community station

• **Deschutes Collaborative Forest Project Website** – Deschutes County Public Health provided content for the informational pages about smoke and health for the updated DCFP website.

#### **Print Products**

This year, Deschutes National Forest staff produced a number of products to compliment community outreach efforts around prescribed burning:

- Central Oregon Fire Info Cards Business card-sized handouts were updated to include QR code to CentralOregonFire.org website and additional information about prescribed burning and air quality resources. Cards are distributed during public contacts at prescribed burns, during outreach events and by Forest Service staff when engaging with visitors in the field.
- Central Oregon Fire Info Coffee Sleeves Coffee sleeves mirroring the business cards were
  developed with condensed information. A pilot outreach effort included 1,200 sleeves
  distributed to 6 businesses in Bend and 900 sleeves to 3 businesses in Prineville. Initial
  efforts are focused on gauging interest for larger quantities in anticipation of Spring 2024
  prescribed burn season. Outreach efforts also include businesses in Crescent, La Pine,
  Madras, Redmond, Sisters and Sunriver.
- Wildfire Crisis Strategy Tri-fold Brochure & One-Pager These products focus on highlighting the need for forest restoration work, including prescribed burning, to restore the health of our fire-dependent ecosystem while reducing wildfire risk. Materials are distributed at various events and tabling opportunities.
- Wildfire Crisis Strategy Coasters The coasters mirror the graphic design of the tri-fold and one-pager inviting people to scan a QR code to learn more about the Forest Service's Wildfire Crisis Strategy and the work being done in Central Oregon, including prescribed burning, to reduce the risk of intense wildfire.

### **Smoke and Your Health Campaign Materials**

These campaign materials were finalized in 2022, and described in that year's annual report. For 2023 these materials were disseminated in multiple ways. The informational posters have been placed in settings where community members may see or access them, and shared with partners to distribute to their clients and patients. Social media posts featuring these resources were shared on multiple channels as described above.

#### **Cleaner Air Spaces**

During the 2023 wildfire season, DCPH staff attended Wildfire Smoke Advisory calls convened by OHA and DEQ. When air quality advisories were in place for Deschutes County, staff would communicate to service providers with recommendations for providing cleaner indoor air spaces. Service providers include any entities that serve vulnerable or unhoused community members seeking shelter or

resources. Public libraries and senior centers also promoted their locations as cleaner air shelters to the public during smoke events. It was recommended that overnight shelters increase their number of beds during periods of heavy smoke. DCPH staff would compile the locations and services being offered, including transportation options, and disseminate this information to 211 and a large list of community partners. 2023 was unfortunately a difficult year for wildfire smoke and this coordination occurred frequently throughout the summer. DCPH staff are working with IT to develop a dashboard to make this information more readily available to community partners as well as the public in 2024.

DCPH staff have collected utilization data from providers during times when emergency sheltering for smoke was activated. An after action review of the season identified insights as well as gaps in this data: local sites offering daytime respite from smoke (such as libraries, senior centers, peer self-help centers) did not see an uptick in the number of visitors when there was smoke present. Overnight shelters did see clients utilizing extra beds when they were offered, but it was not clear whether clients were seeking respite from smoke specifically. DCPH staff and partners are working together to collect more data throughout the season in 2024, regardless of whether additional sheltering has been activated, in order to develop a baseline of how hazards such as heat and smoke are correlated with usage of cleaner air spaces. This will help inform decision making around when to mobilize emergency sheltering resources in our community.

#### Additional Surveillance and Research

DCPH staff monitor local ER and urgent care visits throughout the year. During summer wildfire season, an epidemiologist provides an ongoing report that overlays PM 2.5 from area monitors with respiratory or asthma-related visits that may be attributed to smoke. Generally the numbers are too low to show statistical significance. It was observed in 2023 that when high amounts of smoke were present for longer periods of time, i.e. multiple days in a row, and PM 2.5 was 150 or higher, the visits were slightly elevated. Staff also track this how this information is being reported at the state level during wildfire smoke advisory briefings for local impacts.

#### (C) Initiation of Community Response Plan

It is recognized and acknowledged that 629-048-0180 (3)(f)(C) requires an actual log of dates the community initiated their response plan. So, even though the CRP is truly a year-round effort without a start or stop time that can be logged, the below summary of dates were when information was shared with the community related to prescribed fire. In addition, note that prescribed fire activity happening throughout the region is summarized, as the strategy in the CRP is regional in nature even though the SSRA is specific to the City of Bend. Smoke from other areas not directly adjacent to Bend have the potential impact the Bend SSRA, so burning throughout the region is summarized below.

(D) Record of Local Meetings Regarding Community Response Plan Attendees include staff supporting land management, public health, and communications from multiple agencies and organizations: Deschutes County Public Health, Deschutes National Forest, Oregon Department of Forestry, Department of Environmental Quality, Bend Fire, City of Bend, Oregon Living with Fire, Deschutes Collaborative Forest Project, Bureau of Land Management, Deschutes County Sheriff, and the Nature Conservancy.

March 24: plans for Spring prescribed burns; plans for community outreach events and education; TREX (Prescribed Fire Training Exchange) in Central Oregon in April; recap from the Wildland Fire Leadership Council (WFLC) meeting in Klamath Falls.

June 30: recap of Spring prescribed burns; opportunities and gaps in messaging and possible venues or events for participation; other options for alerting the public about smoke (text alerts) and related limitations and concerns.

September 15: wildfire/smoke season to date; smoke/ED visit surveillance; sheltering efforts; operational updates to text messaging and the website; a report evaluating the CentralOregonFire.org site from OIT students; upcoming Table Top exercise with EPA in Bend.

December 1: EPA Table Top exercise in Bend; a recap of Fall burning season; large scale burn being discussed for Spring 2024; new partnerships for 2024; a review of other CRP's in Oregon and ideas for updating the Bend CRP; annual report.

# **Additional meetings**

March 7: Staff from ODF, DEQ, Deschutes National Forest, Deschutes Collaborative Forest Project and Nature Conservancy attended a meeting in Bend with a local county commissioner to discuss prescribed fire and operational approaches for Spring 2023.

Several local partners attended a 2-day Table Top exercise held in Bend on November 1<sup>st</sup> and 2<sup>nd</sup> and are engaged in follow-up planning discussions with the goal of conducting a large pilot burn in Spring 2024 in West Bend.

Appendix I Prescribed Fire Communications Summary

	Prescribed Fire Activity	Jurisdiction	Location	COFire.org Posts	DNF Press Releases	Text Alerts
Jan	Pile Burning	Deschutes NF -	Adjacent to Hwy 97	1	1	0
5011	1 2	Bend-Fort	between Lava		-	
		Rock RD	Butte north to			
			weight station on			
			W side of hwy			
	Pile Burning	Deschutes NF -	Glaze Meadow, 1	1	1	0
		Sisters RD	mile W of Hwy 20			
	Pile Burning	Deschutes NF -	W of La Pine	1	1	0
		Bend-Fort	adjacent to			
		Rock RD	Ponderosa Pines			
			subdivision			
	Pile Burning	Crooked River	5 miles N of Henkle	1	1	0
		National	Butte			
		Grassland				
				Total: 4	Total: 4	Total: 0
Feb	Pile Burning	Deschutes NF -	W side of Hwy 97	1	1	0
		Bend Fort	between Lava			
		Rock RD	Butte & High			
			Desert Museum			
				Total: 1	Total: 1	Total: 0
Mar				0	0	0
Apr	Understory	Deschutes NF -	3 miles SE of	1	1	1
	Prescribed	Sisters RD	Sisters, W of Sisters			
	Burn		Rodeo Grounds			
	Understory	Deschutes NF -	E of Hwy 31 near	1	1	1
	Prescribed	Bend-Fort	Hole-in-the-Ground			
	Burn	Rock RD				
	Understory	Deschutes NF -	W of Tollgate	1	1	1
	Prescribed	Sisters RD	Subdivision or 2			
	Burn		miles W of Sisters			
			along FSR 15			
	Understory	Deschutes NF -	4 miles SW of	1	1	1
	Prescribed	Sisters RD	Sisters adjacent to			
	Burn		FSR 1513			
	Understory	Deschutes NF -	1 mile S of Sisters	1	1	1
	Prescribed	Sisters RD	adjacent to FSR			
	Burn		1605			
	Understory	Deschutes NF -	S side of Paulina	1	1	1
	Prescribed	Bend-Fort	Lake Rd 4 miles NE			
	Burn	Rock RD	of La Pine			
				Total: 6	Total: 6	Total: 6

Understory Prescribed Burn  Rock RD  Understory Prescribed Burn  Rock RD  Understory Prescribed Burn  Deschutes NF - Sunriver, immediately W of Three Rivers neighborhoods; S of Ann's Butte  Understory Prescribed Burn  Rock RD  Deschutes NF - Burn  Rock RD  Three Rivers neighborhoods; S	1 2
Burn Sisters 1 1 1  Understory Prescribed Bend-Fort Sunriver, immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1  Understory Prescribed Bend-Fort Sunriver, immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1  Understory Prescribed Bend-Fort Sunriver, immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1  Understory Prescribed Bend-Fort Sunriver, immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1  Understory Prescribed Bend-Fort Sunriver, Sunriver, Sunriver, Sunriver,	1
Understory Prescribed Burn  Rock RD  Understory Prescribed Burn  Burn  Rock RD  Understory Prescribed Burn  Deschutes NF - 3 miles SW of Three Rivers neighborhoods; S of Ann's Butte  1  Understory Prescribed Burn  Rock RD  Burn  Rock RD  Immediately W of Three Rivers neighborhoods; S of Ann's Butte  Understory Prescribed  Understory Prescribed  Deschutes NF - 3 miles SW of Sunriver, Sunriver, Sunriver, Sunriver, Sunriver, Sunriver, Sunriver, Sunriver,	1
Prescribed Bend-Fort Sunriver, immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Burn Rock RD immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1  Understory Deschutes NF - Sunriver, Immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1  Understory Deschutes NF - Sunriver, Immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1 2  Understory Deschutes NF - Sunriver, Sunriv	
Three Rivers neighborhoods; S of Ann's Butte  1 1 2 Understory Prescribed Burn Rock RD Burn Rock RD Free Rivers neighborhoods; S of Ann's Butte 1 1 2 Understory Prescribed Burn Deschutes NF - Sunriver, immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 2 Understory Prescribed Bend-Fort Sunriver, Sunriver,	
neighborhoods; S of Ann's Butte  1 Understory Prescribed Burn Rock RD Inderstory Free Rivers NF - Rock RD Inderstory NF - Rock	
Of Ann's Butte 1 1 1  Understory Deschutes NF - 3 miles SW of Sunriver, Burn Rock RD immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1  Understory Deschutes NF - 3 miles SW of Sunriver, Sunriver, Sunriver, Sunriver, Sunriver, Sunriver, Sunriver, Sunriver, Sunriver,	
Understory Prescribed Bend-Fort Sunriver, Burn Rock RD immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1 2  Understory Prescribed Bend-Fort Sunriver,	
Prescribed Bend-Fort Sunriver, immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1 2 Understory Prescribed Bend-Fort Sunriver,	<u>2</u>
Burn Rock RD immediately W of Three Rivers neighborhoods; S of Ann's Butte 1 1 1 2  Understory Deschutes NF - Sunriver, Sunriver,	2
Three Rivers neighborhoods; S of Ann's Butte  Understory Prescribed  Deschutes NF - Sunriver,  Three Rivers neighborhoods; S of Ann's Butte  1 1 2	2
neighborhoods; S of Ann's Butte  Understory Prescribed  Deschutes NF - Sunriver,  Deschutes NF - Sunriver,	2
Of Ann's Butte 1 1 2 Understory Deschutes NF - 3 miles SW of Prescribed Bend-Fort Sunriver,	2
Understory Deschutes NF - 3 miles SW of Prescribed Bend-Fort Sunriver,	
Prescribed Bend-Fort Sunriver,	
Three Rivers	
neighborhoods; S	
	2
Understory Deschutes NF - N of Sisters; E side 2 (One 2 (One	
Prescribed Sisters RD of Hwy 20 Release to Release to	
	0
Understory Deschutes NF - 6 miles SW of	
Prescribed Crescent RD Crescent; 1/2 mile	
	2
Understory Deschutes NF - 3 miles W of Bend;	
Prescribed Bend-Fort 1/2 mile NW of 2 (One 2 (One	
Burn Rock RD Cascade Lakes Release to Release to	
Welcome Station Cancel) Cancel)	0
Understory Deschutes NF - 3 miles SW of	
Prescribed Bend-Fort Sunriver,	
Burn Rock RD immediately W of	
Three Rivers	
neighborhoods; S	
of Ann's Butte 1 1 1	1
Understory Deschutes NF - 6 miles SW of	
Prescribed Crescent RD Crescent; 1/2 mile	
'	3
Understory Deschutes NF - 6 miles SE of	
Prescribed Crescent RD Crescent; Gilchrist	
Burn State Forest 1 1 2	2
Understory Deschutes NF - 10 miles S of Bend;	
Prescribed Bend-Fort 5 miles E of	
Burn Rock RD Sunriver 1 1	

				Total: 1	Total: 1	Total: 0
	Prescribed Burn Season		fall prescribed burn season	1	1	0
Sep	Announcing Understory	Deschutes NF	Forest-wide announcement of			
Aug	Annoussiss	Docabutes NE	Forest wide	0	0	0
Jul				0	0	0
				Total: 8	Total: 8	Total: 7
	Burn	Rock RD	Lake Road	1	1	1
	Prescribed	Bend-Fort	Pine along Paulina			
	Understory	Deschutes NF -	5 miles NE of La	Cancer	Cariceij	_ <u> </u>
			Welcome Station; 5 miles NE of La Pine along Paulina Lake Road	2 (One Release to Cancel)	2 (One Release to Cancel)	1
	Understory Prescribed Burn	Deschutes NF - Bend-Fort Rock RD	3 miles W of Bend; 1/2 mile NW of Cascade Lakes		,	
	Understory Prescribed Burn	Deschutes NF - Bend-Fort Rock RD	5 miles NE of La Pine along Paulina Lake Road	2 (One Release to Cancel)	2 (One Release to Cancel)	2
	Understory Prescribed Burn	Deschutes NF - Bend Fort Rock RD	5 miles NE of La Pine along Paulina Lake Road	1	1	1
	Understory Prescribed Burn	Deschutes NF - Bend-Fort Rock RD	5 miles NE of La Pine along Paulina Lake Road	1	1	1
Jun	Understory Prescribed Burn	Deschutes NF - Bend-Fort Rock RD	2 miles W of Sunriver adjacent to FSR 41	1	1	1
				Total: 17	Total: 17	Total: 19
	Understory Prescribed Burn	Deschutes NF - Bend-Fort Rock RD	10 miles S of Bend; 5 miles E of Sunriver	1	1	1
	Understory Prescribed Burn	Deschutes NF - Crescent RD	6 miles SE of Crescent; Gilchrist State Forest	1	1	1
	Prescribed Burn	Sisters RD	Sisters; 3/4 mile N of Cascade Meadow Ranch Subdivision	1	1	1
	Burn Understory	Crescent RD  Deschutes NF -	Crescent; Gilchrist State Forest 4 miles NW of	1	1	1
	Understory Prescribed	Deschutes NF -	6 miles SE of			

Oct	Understory	Deschutes NF -	4 miles NW of	2 (One	2 (One	
	Prescribed	Sisters RD	Sisters on E side of	Release to	Release to	
	Burn		Hwy 20	Cancel)	Cancel)	0
	Understory	Deschutes NF -	2 miles SE of Sisters			
	Prescribed	Sisters RD	near Sisters Rodeo			
	Burn	Grounds		1	1	1
	Understory	Deschutes NF -	BFR: 11 miles SE of			
	Prescribed	Bend-Fort	Bend, 3 miles NW			
	Burn	Rock RD &	of FSR 18/25; <b>SIS:</b> 2			
		Sisters RD	miles SE of Sisters			
			near Sisters Rodeo			
			Grounds	1	1	2
	Understory	Deschutes NF -	11 miles SE of			
	Prescribed Bend-Fort Bend, 3 miles NW					
	Burn	Rock RD	of FSR 18/25	1	1	1
	Understory	Deschutes NF -	11 miles SE of			
	Prescribed	Bend-Fort	Bend, 3 miles NW			
	Burn	Rock RD	of FSR 18/25	1	1	1
	Pile Burning	Deschutes NF	Announcing forest-			
			wide plans for the			
			pileburning season	1	1	0
	Understory	Deschutes NF -	11 miles SE of			
	Prescribed	Bend-Fort	Bend, 4 miles NW			
	Burn	Rock RD	of FSR 18/25	1	1	1
				Total: 8	Total: 8	Total: 6
Nov	Pile Burning	Deschutes NF	Forest-wide			
			announcement of			
			pile burning			
			operations in			
	several locations		1	1	1	
				Total: 1	Total: 1	Total: 1
Dec	Pile Burning	Deschutes NF -	NW of Sisters on			
		Sisters RD	Mainline Road; W			
			of Sisters along FSR			
			15; S of Sisters			
			along FSR 1605	1	1	0
	Pile Burning	Deschutes NF -	W of Bend on N &S			
		Bend-Fort	side of Skyliners Rd			
		Rock RD	,	1	1	0
				Total: 1	Total: 1	Total: 0
						Year
Year						End
End				Year End	Year End	Total:
Total				Total: 47	Total: 47	39

# Appendix II

# **CentralOregonFire.org** Website Metrics

	Page title and screen class 🕶 🔸	↓ Views	Users	Views per user	Average engagement time	Event count All events ▼
		656,625 100% of total	279,480 100% of total	<b>2.35</b> Avg 0%	<b>43s</b> Avg 0%	1,851,041 100% of total
1	Wildfire Updates   Air Quality   Central Oregon Fire Information	250,108	148,248	1.69	23s	793,496
2	Fire And Air Quality Maps   Central Oregon Fire Information	142,586	88,967	1.60	14s	377,022
3	Smoke & Air Quality   Central Oregon Fire Information	40,280	24,968	1.61	36s	113,759
4	Pete's Lake Fire continues to grow   Central Oregon Fire Information	24,125	18,806	1.28	40s	69,016
5	Juniper Creek Fire Update   August 21, 2023   Central Oregon Fire Information	11,612	9,830	1.18	36s	36,835
6	Fire Restrictions   Central Oregon Fire Information	9,903	7,290	1.36	15s	27,130
7	Firefighters respond to wildfires around Central Oregon   Central Oregon Fire Information	9,176	7,305	1.26	38s	21,208
8	Deschutes National Forest, Crooked River National Grassland and Prineville BLM Implement Public Use Fire Restrictions   Central Oregon Fire Information	8,754	7,340	1.19	36s	20,847
9	Petes Lake Fire   August 28, 2023 Evening Update   Central Oregon Fire Information	8,489	6,353	1.34	49s	23,631
10	Petes Lake Fire Update   August 29, 2023   Central Oregon Fire Information	8,101	5,944	1.36	43s	22,067