

2024

Bridger-Teton National Forest Annual Fire Report



Backhaul supplies.

/s/ Erin Martin
Prepared by Erin Martin
Fire Dispatcher

/s/ Josh Erickson
Reviewed by Josh Erickson
Forest AFMO

/s/ James Turner
For James Turner
Forest Fire Management Officer

Contents

Introduction	2
Bridger-Teton National Forest 40-Year Fire History	4
Acreage and Number of Fires by District	4
2024 North Zone Fuels Accomplishments	4
2024 West Zone Fuels Accomplishments	4
2024 East Zone Fuels Accomplishments.....	7
Aviation Branch / Helitack Summary	7
Fire Prevention, Education, and Information	9
Teton Wildland Fire Module	12
Teton Interagency Fire Ecology Program.....	15
Teton Interagency Dispatch Center	19
Land Ownership Report	17

Introduction

The 2024 Bridger-Teton wildland fire season concluded with 59 fire starts and above average acres burned compared to records dating back to 1973. There were 22 human-caused fires and 37 lightning caused fires for a total of 90,887 acres, second only to most acres burned in a year to the 1988 Bridger-Teton fires. Teton fire personnel with assistance from outside resources claimed over 4,900 acres during prescribed burning operations in 2024.

The first fire of the Bridger-Teton National Forest season was discovered June 15th and the last fire reported was October 23rd.

Star Valley Front RX and Hams Fork RX

In the Spring of 2024, the Greys River Ranger District implemented and completed 1,201 acres of broadcast burning in the Star Valley Front and Hams Fork areas with Sherwin as Burn Boss using Engines and Modules and UAS modules. Prescribed fire creates a balance of age classes in mountain shrubland, mountain big sagebrush, aspen and conifer communities, relevant for the deer and elk populations in these areas.

Monument Ridge RX

Local and non-local resources with Swenson as Burn Boss conducted prescribed fire operations June 7th in an area northwest of Bondurant, WY on the south side of US Highway 191. This burn unit is part of the Monument Ridge Vegetation and Recreation Management project proposed by the Sublette County Collaborative to address the hazards and threat from wildfire. Human ignitions ceased June 28th, 3,500 acres of broadcast burning were completed in a mosaic pattern involving sage, grass, mixed conifer, aspen, and standing dead and down timber. Aircraft including UAS modules, Engines and Crews were utilized.

Horse Creek Fire

The first Type 3 Incident Management Team wildland fire of the season was discovered on July 1st with Wyoming Type 3 Team 2, Incident Commander Pardue, managing the lightning-caused fire using confine and contain strategies. It burned 43 acres in a remote, mountainous area in steep, rugged terrain at 9500-foot elevation on the Big Piney Ranger District 2 miles northeast of Blind Bull warming hut. Emergency closure orders for several trails temporarily went into effect to protect public safety and allow firefighters and equipment to move throughout the area.

Leeds Creek Fire

The first large wildfire of the season occurred on August 1st on the Pinedale Ranger District, Type 3 Incident Commander, Kendra Jackson, managed the fire. Human-caused, it burned 728 acres in heavy logging slash and timber. Area, roads and trail closures went in to effect early August for firefighter and public safety, the Continental Divide Trail was temporarily re-routed. Crews, engines and aviation resources suppressed the fire.

Merna Butte Fire

Erickson was Incident Commander of the 153 acre Type 3 Merna Butte fire, discovered August 8th burning in timber within the Big Piney Ranger District boundary. One private residence was threatened and prepped for evacuation. This undetermined cause fire was called out on September 18th.

Fish Creek and Pack Trail Fires

The Fish Creek Fire was discovered late in the day Friday, August 16th on the Jackson Ranger District. The lightning-caused fire burned in heavy timber in a remote section of the North Fish Creek drainage, approximately 7 miles southwest of Togwotee Pass. Confine and point zone protection strategies were employed.

Wyoming Type 3 Team 5 with Cooper as Incident Commander (IC) managed the 2,651 acre fire beginning August 19 and transitioned on August 24th to the first of 4 Complex Incident Management Teams (CIMT) and 2 additional Type 3 teams: CIMT Northern Rockies Team 1, CIMT Northern Rockies Team 2, IMT3 Nevada Team 4, CIMT California Team 10, CIMT Great Basin Team 5 and IMT3 Nevada Team 4.

August 21st Fremont County issued a Level 2 Evacuation notice, “Be Set”, for areas along US Highway 26/287 affected by the fire. September 2nd the Wyoming Department of Transportation temporarily closed US Highway 26/287 west of Dubois due to excessive smoke and limited visibility. September 29th Fremont County issued immediate evacuation orders for affected areas along US Highway 26/287.

The lightning-caused Pack Trail fire was discovered September 15th southeast of the Fish Creek fire, it eventually burned on both the Bridger-Teton National Forest and Shoshone National Forest. October 5th the Fish Creek and Pack Trail fires merged along Bull Creek and were managed under one name, the Pack Trail Fire. All evacuation levels were lifted October 30th by Fremont County, and all road and forest closures were rescinded November 4th. The fire was contained on November 7th at 89,930 acres.

Teton Interagency Dispatch Center dispatched resources to 70 wildland fires, totaling 90,892 acres within the dispatch zone. Bridger-Teton National Forest had 59 fires, Grand Teton National Park had 9 fires, National Elk Refuge had 1 fire, Teton County had 1 fire and Wyoming State Forestry Division had 0 fires.

Despite a busy season a large portion of Forest resources were able to be rotated to other parts of the country to help out with large fire assignments.

Bridger-Teton National Forest 40-Year Fire History

	HCF	HCA	LCF	LCA	Total Fires	Total Acres
40yr Average	22	7935.31	34	10005.45	56	17941.49
30yr Average	19	6362.61	34	8178.54	53	14541.15
20yr Average	18	8245.72	25	9326.69	42	18185.84
10yr Average	17	6615.76	18	11622.83	35	18238.58
5yr Average	15	145.38	20	15179.49	35	15324.86
2024	22	733.80	37	90153.66	59	90887.46

Acreeage and Number of Fires by District

District	Human Fires	Human Acres	Lightning Fires	Lightning Acres
D1 Kemmerer	4	3.25	2	4.50
D2 Big Piney	4	0.40	10	196.80
D3 Greys River	4	0.40	6	6.60
D4 Jackson	7	1.10	12	89939.57
D6 Buffalo	2	0.20	1	0.20
D7 Pinedale	1	728.45	6	5.99
Total	22	733.80	37	90153.66
Total BTNF Fires/Acres Fires 59 Acres 90877.46				

2024 North Zone Fuels Accomplishments

Implementation

Teton to Snake Fuels Management Project implementation continued with 187 acres of treatment completed at Taylor Mountain Units adjacent to Butler Creek Subdivision. 120 acres of pile burns were accomplished this season including units in Teton to Snake, Grouse Mountain, Togwotee Lodge, Turpin Meadows Ranch, as well as miscellaneous administrative units. Force account work was dispersed across the two districts with work occurring in Buffalo Valley and Shadow Mountain. Priority broadcast burns at Upper Gros Ventre and Munger Mountain were not implemented this fall due to the significant initial attack activity and large fire occurrence on the zone.

Name	Acres	District	Comments
Teton to Snake - Taylor Mountain Unit 4, PF-29	50	Jackson District	Contract implementation completed. Rx preparation, hand thin, prune, pile. WUI fuels reduction.
Teton to Snake - Taylor Mountain Unit 2, PF-30	42	Jackson District	Contract implementation completed. Rx preparation, hand thin, prune, pile. WUI fuels reduction.
Teton to Snake Taylor Mountain Unit 2, PF-30	95	Jackson District	Contract implementation completed. Fuel rearrangement/slash. WUI fuels reduction.
Admin Site Thinning	5	Blackrock District	Force account hand thin, prune pile. WUI fuels reduction.
Pile Burning (several units)	120	Blackrock and Jackson Districts	Pile burn units: Teton to Snake Fuels Project, Blackrock Administration Site, Burro Hill, Grouse Mountain, Goosewing Guard Station, Granite Hot springs, Jack Pine, Spread Creek, and the Turpin Meadows Ranch groomed ski trails; Fish Creek - Pack Trail Shaded Fuel Break at Togwotee Mountain Lodge and Flagstaff Road.
Cheatgrass treatment	2884	Blackrock and Jackson Districts	Invasive species and fuels reduction.

Ski Area Burning

Ski area permittees including Jackson Hole Mountain Resort and Snow King Resort continued to conduct pile burn operations as part of their vegetation management annual program of work.

Planning

Fuels staff continued collaboration with contracting officials and resource specialists for remaining mechanical and prescribed fire units in Teton to Snake. Upper Gros Ventre Habitat Enhancement Project NEPA decision was signed in June. Up and coming Shadow Mountain Habitat Enhancement Project was initiated and is expected to be decision ready by fall of 2025 with proposed actions including a combination of mechanical and prescribed fire to accomplish hazardous fuels reduction, wildlife, and forest health objectives. Planning and analysis are also underway for Cache Creek to Snow King Fuels Reduction Project.

2024 West Zone Fuels Accomplishments

Implementation

The West Zone accomplished one broadcast burn this year 1,201 acres of broadcast burning were accomplished on the West Zone. These acres were comprised of the Star Valley Front, Unit 2b (1133 acres) and Hams Fork Unit 2 (68 acres). These burns were accomplished with help from

personnel across the forest, and multiple disciplines. The Star Valley Front, Unit 2b, burn utilized a drone for ignition and was the first on the Bridger-Teton to do so. Personnel checked the burns throughout the following days and monitored until declared out.



Star Valley Front Unit 2b

Mechanical thinning, of 126 acres, was completed in the Greys River Roadside Treatments, Unit 3B. Expect pile Rx starting in the Winter of 2024.

Spraying for cheatgrass was conducted in Star Valley Front Vegetation treatment Project Area. 2,156 acres were treated in the fall.

Broadcast Unit	Acres	Description	Resources	Accomplished
SVF, Unit2b	1133	Mountain shrub and grass.	BTNF Fire Resources, WZ Staff Forest Resources	April
HFVT, Unit 2	68	Timber	BTNF Fire Resources, West Zone Staff Forest Resources, CT Fire Resources	June
Spraying Units	Acres	Spraying	Resources	Accomplished
Star Valley Front	2,156	Broadcast	Contract	June

2024 East Zone Fuels Accomplishments

In addition to Monument Ridge Rx, the remaining contract work was completed on the southern end of the Monument Project Area. Slash thinning treatment occurred on 661 acres and 71 acres were thinned, pruned, and piled. Force account resources worked to prep future burn units, and continued treatments on conifer encroached aspen stands in Unit Sierra. TNC and force account crews also helped re-pile some accomplished units along broadcast unit boundaries to enhance fuels reduction efforts.

Along with assistance from Helitack, roadside thinning and pile treatments were initiated along the New Fork Road System. During the month of December, 120 acres of piles were burned on fuels treatments and completed timber sale units. The Big Sandy Hazardous Fuels Reduction Project was signed on December 6th, with implementation planned to start in 2025.

Below is a table illustrating the acres accomplished in 2024:

Name	Location	Acres	Objectives
Pile Burning (Several Units)	East Zone	120	WUI Fuels Reduction
Monument Ridge Contracting (Slash, Pile, Prune, Thin)	Big Piney Monument Ridge	732	Aspen Restoration/WUI
Monument Rx (Divisions A-E)	Big Piney Monument Ridge	3228	Aspen Restoration/WUI
Pinedale WUI Cheatgrass Herbicide Application	Pinedale District	220	WUI Fuels Reduction

Planning

The East Rim WUI Silviculture and Fuels Project planning is ongoing with regional office support.

Aviation Branch / Helitack Summary

The Aviation Branch of Teton Interagency Fire contains a combination of resources from the Bridger- Teton National Forest (BTNF) and Grand Teton National Park (GRTE). These resources include a Unit Aviation Officer and the Teton Helitack Program. Teton Helitack manages 2 exclusive use type 3 helicopters and provides support for other missions as requested; it is funded for 24 employees. Teton Helitack coordinates with the Jenny Lake Rangers for collaborative short-haul training and may assist with SAR when requested.

Aircraft Project Work:

1. GRTE ACETA, wolf capture/tagging
2. GRTE Mountain Goat eradication
3. GRTE Climbing Ranger set up/take down of Lower Saddle
4. GRTE Trails Crew support
5. GRTE Elk Surveys
6. BTNF Multiple Repeater support missions
7. BTNF Josie's Ridge Trails Project
8. BTNF weather Station for Avalanche Center, Mt. Baird
9. BTNF weather station for Avalanche Center, Mt. Coffin

Training:

1. Taught S-271, CRM-7 Skills, USFS Short-haul Academy, PLDO and helitorch training, A-219, and assisted with S-200

32 Position Taskbooks completed

Teton Helitack started March 11, 2024, with 28 strong, 12 of them being new additions. March was training and onboarding mixed with challenging outdoor PT, one new tradition was boot-packing Snow King. By April Teton Helitack supported the Cherokee once again and took on the coordination of the Region 4 Burn Helicopter starting April 15 to May 29, 2024. Short-haul training kicked off June 1 this year in McCall with a minor delay due to contract compliance, however by June 7 Teton Helitack was back on track and started the season out by supporting two Rx missions, one on the Bridger-Teton and the other on the Uinta Wasatch Cache National Forest.

A significant change this year for the Forest Service was the approval of Fire Operations for short-haul. In 2024 there were more than 30 short-haul operations throughout the Agency ranging from medical, large fire support, helispot construction and initial attack fire insertion. Forest Service short-haul was utilized more in one season than the last 10 years combined.

With the significant increase of fire activity on the home forest this season Helicopter 38HX saw a heavier than usual workload with initial attack and by late July, early August PL5 had embarked on the Nation and the Bridger-Teton found a significant uptick in fire activity across the landscape. Helicopter 35HX found itself on the Boise National Forest after being released from Utah and stayed based out of Cascade, ID from mid-July to the end of October. The aircraft supported multiple large fires and many Complex Incident Management Teams on the Boise National Forest.

Both aircraft stayed on past their mandatory available periods (MAP'S), until the end of October and November 7th. 2024 experienced the most flight time for the two helicopters in the history of Teton Helitack.

	35HX	38HX	R4 Rx Helo	Grand Total
Contract Type	EU	EU	CWN	
Days on Contract	147	170	45	362
IA Response	4	53	1	58
Extended Attack	5	18	1	24
Rx Burns/acres	3/2320	1/5000	5/5865	9/13,185
Short-haul Hours	9.9	10.3	0.0	20.2
SAR Hours	0.0	3.7	0.0	3.7
Total Flight Hours	204.5	327.9	66.3	598.7
Passengers Transported	684	1320	90	2,094
Gallons Water	24,786	75,140	0	99,926
Pounds of Cargo	119,809	102788	37415	260,012
NPS Short-haul	0	1	NA	1
FS Short-haul	5	2	NA	7
Total Contract Cost	\$1,091,557.97	\$1,351,728.32	\$345,001.72	\$2,788,287.29

Additionally, 2024 is the first year that UAS aerial ignition was utilized on the Bridger-Teton. UAS was utilized extensively across the Forest to support prescribed and wildland fire operations as well as several natural resource missions. A total of 225 UAS flight hours were accomplished.

Fire Prevention, Education, and Information

The intent of the Bridger-Teton National Forest prevention program is to be the outreach, education, and mitigation arm of the forest’s Fire Management program. Additionally, the program supports fire management with mitigating wildfire risk to private property, increasing public understanding of the beneficial effects of fire, preventing human caused wildfires, and supporting wildfire response.

New Additions

The forest prevention program added two positions this year: a Forest Prevention Officer and a “floater” prevention technician that can help patrol on all three zones. This summer the floater position was filled with a 120-day detail based out of Jackson with the goal of permanently filling this position for the 2025 fire season.

Fire Restrictions

Neither the Forest, nor its local partners (Grand Teton NP, High Desert District BLM, Sublette, Lincoln, and Teton counties) reached fire danger indices or heavy use thresholds needed to enact fire restrictions. The Forest Prevention Officer represented the forest in weekly fire restrictions calls with county, state, and federal partners throughout the fire season to assess conditions and coordinate public messaging. 72 abandoned campfires were discovered and extinguished by personnel in the TIDC area.



Smokey Bear with kids.

Smokey Bear’s 80th Birthday

In conjunction with the National Campaign, the Bridger-Teton celebrated Smokey Bear’s 80th birthday all year long with many events, programs, and outreach. In April, the Pinedale Ranger District hosted the Rudy Wendelin Collection on loan from the National Agriculture Library, on display at the Pinedale Branch of the Sublette County Library. This exhibit featured 19 reproductions of original Smokey Bear paintings created by artist Rudy Wendelin. Smokey Bear light pole banners were purchased (with the help of Friends of the Bridger-Teton) and hung in Jackson, Pinedale, and Marbleton during the summer, sharing the message of fire prevention during the peak of fire season.

East Zone Prevention Highlights

In addition to hosting the Wendelin Collection, the East Zone had many birthday events in honor of Smokey and his wildland fire prevention message including birthday parties at both the Pinedale Ranger Station and the Big Piney Library. They also engaged the community with participation in multiple parades, a Smokey Bear 80th Birthday Poster Contest, and helped end the yearlong celebration with a Holiday Coloring Contest.

North Zone Prevention Highlights

On the North Zone this year, there was a strong emphasis on interagency events with Grand Teton NP including Smokey birthday celebrations at both Jackson Lake



Smokey Bear Poster Contest winning entry.

Lodge and Jenny Lake Lodge. Three fire interns worked on the Zone this season supporting wildfire operations, the fire cache, and education/outreach events. The Zone got out in the community with Smokey Bear and his message, participating in the wildly popular 4th of July Parade and the Old Bill's Fun Run.



Smokey Bear and wildland firefighting resources participate in Jackson 4th of July Parade.

West Zone Prevention Highlights

While the West Zone Prevention Technician position remained vacant this year, the position was filled with a 120-day detail this Spring. In addition to the detailer, the prevention program on the Greys River and Kemmerer Ranger Districts was supported by the rest of the West Zone fire program. Some of the events Smokey Bear and Zone firefighters participated in include the Community of Kindness Winter Carnival (hosted by Star Valley Branch Library), Fun Fridays at the Kemmerer Library, and Fossilfest.



West Zone firefighters participate in Fossilfest.

Communication

As the most public facing aspect of Teton Interagency Fire, the prevention program takes great pride in being key fire communicators whether it be prevention messaging, prescribed fire material, or wildfire information. The AM radio station, run by the program, was a key messaging tool for prescribed fire on the East Zone this Spring and for the North Zone's large fire incidents in summer/fall. The Teton Interagency Dispatch Center website, TetonFires,

that is managed and used by the fire program for both internal intelligence sharing and external information sharing, had 34,000 total users this year, with peak viewership on days local fires were extremely visible.

Teton Wildland Fire Module

The Teton Wildland Fire Module (WFM) provides an innovative, safe, highly mobile, logistically independent, and versatile team with a commitment to achieving diverse fire and fuels management objectives. The primary mission of the module is to provide a skilled, efficient workforce to accomplish the full range of wildland fire management tasks including prescribed fire preparation and implementation, managing fire for resource benefit, mechanical fuels reduction, hazard tree removal, and wildland fire suppression.



The 2024 season was a year of movement and transition for the WFM. Eric Hawes vacated the supervisor position in April for a promotion within the forest, and the position remained vacant for the season. The Assistant Supervisor, which was vacant since Bontrager's departure at the beginning of 2023, was filled by JP Knapp who moved up from the NPS Lead Firefighter position. The Forest Service created another GS-6 Lead Firefighter (Squad Leader on the WFM), filled by Kyler Knapp, and the existing FS GS-6 that was vacated last year was filled by Preston Foote. Both the USFS and NPS converted the temp - seasonal GS-5 positions to permanent 18/8, bringing the total permanent positions on the WFM to eight. The NPS did not run the GS-6 Lead Firefighter position vacated by JP Knapp, but Austin Walters received a temporary promotion to GS-6 through the Forest Service to fill the vacancy. Due to the supervisor vacancy JP Knapp was acting supervisor and Kyler Knapp was acting assistant supervisor for the duration of the season.

The WFM retained six employees from the previous season and hired three more (Sawyer Lindland - FS GS-5 18/8, Jasper Smith and Georgia Scarr (Student) - NPS 1039s) to bring staffing to nine. The module also hosted a detailer, Kat Sullivan, from West Yellowstone Smokejumpers later in the season to bring staffing to ten for the core fire season. Due to being shorter on staffing than normal, the module hosted fills throughout the season from GTNP Fire Effects, BTNF Wilderness Rangers, BTNF Avalanche Center, BTNF Vegetation, and the Wallowa - Whitman NF.

The majority of the module was staffed from March 11th through November 16th, much longer than past seasons, with conversion to a mostly career-seasonal workforce. This allowed the module to mobilize to the Francis-Marion NF in South Carolina to assist with spring burning and fire response in Shenandoah National Park, developing a relationship with Southeastern forests and parks that will continue to be fostered over the coming years.



Low staffing along with a short season student hire did not allow much flexibility for off-crew development. Due to the vacancies, the module was primarily qualified as a Type 2 Wildland Fire Module but fluctuated to Suppression Module qualification as well. Despite this, a high operational tempo with a historically busy prescribed fire and wildfire season on the BTNF was maintained. High-level fitness standards were maintained and the WFM had six individuals receive Time Off Awards for surpassing fitness standards at the annual BTNF/GTRE Fire Fit Challenge. Developmental training was substantial with a suite of early season classes offered in Pinedale and trainee assignments including HEQB, CRWB, FIRB, ICT4, ICT5, HECM, FOBS, and FEMO. Taskbooks completed and qualifications attained included: FIRB, CRWB, (3) ICT5 and FAL2.

Mopping up an IA near the Leeds Creek fire.

Fuels and Prescribed Fire Workload – 2024

Hosting Agency	Fuels Unit	Fuel Type	Days Assigned	Acres Treated	Treatment Type	Positions Held*
SC-FMF	FMF Rx Support	Hardwood Litter, Southern Rough	16	2,534	RX	FIRB, CRWB
WY-BTF	Nugent RX	Timber, Slash	6	68	RX	FIRB
WY-BTF	Monument RX	Timber, Slash	4	3500	MX	FAL 2/3
WY-BTF	Monument RX	Timber, Slash	23	3500	RX	FIRB, CRWB
WY-BTF	Upper Gros Ventre RX	Timber	3	500	MX	FAL 2/3

**Positions held on assignment all include FFT1, FFT2*



Teton WFM holding the line on day 21 in South Carolina.

Wildfire Workload – 2024

Agency	Fire Name	Fuel Type	Days Assigned	Size Class	Positions Held*
VA - SHP (NPS)	Rocky Branch	Timber, Hardwood Litter, Southern Rough	3	E	FAL 1/2/3, CRWB, FOBS
WY - BTF	Horse Creek	Timber	14	C	CRWB, FAL 2/3, IC5
WY - BTF	Leeds Creek	Timber, Slash	17	E	IC4, HEQB, CRWB
WY - BTF	Fish Creek/Pack Trail	Timber	30	G	CRWB

**Positions held on assignment all include FFT1, FFT2*



Structure protection was the focus for the crew on the Pack Trail fire.

Teton Interagency Fire Ecology Program

Teton Interagency Fire Ecology Program – 2024

The Teton Interagency Fire Ecology program supports fuels management with monitoring data. It also provides fuels planning support, fire season outlooks, research coordination, decision support, and fire ecology education for Bridger-Teton National Forest and Grand Teton National Park. Ecology program staff are all red-carded wildland firefighters who respond to unplanned fires and conduct prescribed burns.

This year marked the 25th year of the Teton Interagency Fire Ecology program. The program was established in 1999 to create a partnership with the Bridger-Teton National Forest (BTNF) and Grand Teton National Park (GRTE). Under a cooperative agreement, the Fire Effects Crew monitored prescribed burns on the Forest, with seasonal salaries offset by the BTNF adding additional Helitack crewmembers for both agencies. This partnership has evolved in recent years, and the BTNF now pays salary for a permanent Assistant Lead (GS-6) position on the Fire Effects crew.

Paul Hood was hired as the Teton Interagency Fire Ecologist in September 2022. In 2024, he worked closely with BTNF and GRTE fire management staff to ensure fuels activities were effectively monitored based on their management objectives. Additional focus was put on developing protocols to collect pre-treatment data on the presence old growth forest in proposed treatments for compliance with Forest Service Executive Order 14072. Ongoing collaborations with Rocky Mountain Research Station (RMRS) and University researchers continued with emphasis on understanding fuels management effects on WBP and how future climate scenarios may result in increased fire and, ultimately, changes to forest trajectories.

Ron Steffens returned for his 33rd season with GRTE as the Fire Monitor. He continues to compile and disseminate monthly Wildfire Outlooks, collect biweekly fuel moisture samples, and fill in as the Duty Officer. This year also marked his 13th season with the Wyoming IMT3 team as ICT3.

In 2024, the Fire Effects Monitoring crew collected extensive pre- and post-monitoring data on various projects throughout GRTE, the North, East, and West Zones of the BTNF, and Bighorn Canyon National Monument (Table and Figure 1). Crewmembers also served as Fire Effects Monitors (FEMO) and wildland firefighters on local and national wildfires and prescribed fire incidents (Figure 2).

Olivia Burke returned for her seventh season with Fire Effects and as in her second year as the Crew Leader. Emily Johnson returned for her 4th season with Fire Effects, after being promoted to the Assistant Lead position in September of 2023. Ruth Griggs returned for her third season with Fire Effects as a GS-6, a promotion from her GS-5 position last year. Breghan Klein joined the crew as a GS-5 and Tessa Kodrack joined as the NPS Academy intern for this year. The Montana Conservation Corps (MCC) - Women in Fire, The Nature Conservancy, GRTE American Conservation Experience and Utah Job Core crews assisted the Fire Effects crew with several data collection efforts.

Table 1. Fire Effects Plot Workload (2024)

Park/Forest	Monitoring Unit	Plot Type	Years Data Collected (start-end)	Annual Total (2024)	Total Plots
Grand Teton National Park (12)	Alder Fire	Photopoints	1999-2024	7	7
	Bearpaw Fire	Photopoints	2009-2024	5	35
	Blacktail Fire 2024	Photopoints	2024	1	1
	Colter Bay Log Cabins MX	Stand Exams Photopoints	2014-2024	10	10
	Colter Bay Marina MX	Stand Exams Photopoints	2014-2024	10	10
	Death Canyon Road MX	Photopoints	1999-2024	3	3
	Historic Structures Mowing	Photopoints	2024	5	5
	Grassy Island MX	Photopoints	2024	3	3
	Row Fire 1994	Shrub Intercepts Photopoints	1994-2024	31	31
	Seligman MX	Stand Exams Photopoints	2016-2024	10	10
	Snake River Land Company MX	Stand Exams Photopoints	2022-2024	4	4
	South Landing	WBP Surveys Photopoints	2021-2024	2	12
North Zone Bridger-Teton NF (10)	Fish Creek	Photopoints	2024	2	2
	Hardscrabble	Photopoints	2007-2024	5	35
	NE Quad RX	Aspen Circles Photopoints	2009-2024	31	31
	Breakneck Aspen Burns	Photopoints	2004-2024	10	10
	Taylor Mtn PF 30	Photopoints	2019-2024	7	7
	Phillips Canyon PF1 PF2	Stand Exams Photopoints	2024	10	10
	Red Top	Stand Exams Photopoints	2012-2024	10	10
	Singing Trees	Stand Exams Photopoints	2021-2024	10	10
	Lost Shadow	Aspen Circles Stand Exams Photopoints LiDAR Plots	2024	45	45
	Upper Gros Ventre	Old Growth Plots Photopoints	2021-2024	10	25
West Zone Bridger-Teton NF (11)	Greys River Roadside	Stand Exams Photopoints Comp and Cover	2024	13	13
	La Barge Tri Basin	Stand Exams Photopoints Comp and Cover	2024	15	15
	Star Valley Front 2B	Photopoints	2023-2024	3	4
	Star Valley Front Unit 3	Photopoints	2022-2024	1	1
	Star Valley Front Unit 8	Photopoints	2024	3	3

	Hams Fork Basin Creek	Aspen Circles Photopoints	2016-2024	33	33
	Hams Fork 7 Acre	Photopoints	2017-2024	1	1
	Kemmerer Roadside	Stand Exams Photopoints Comp and Cover	2024	13	13
	Nugent Park Hams Fork Unit 2	Photopoints	2019-2024	6	36
	Porcupine Creek	Aspen Circles Photopoints Ground Cover	2024	48	48
	Pole Creek	Aspen Circles Photopoints	2016-2024	30	40
East Zone Bridger-Teton NF (8)	Big Sandy	Stand Exams Photopoints	2024	14	14
	Chicken Creek	Aspen Circles Photopoints	2007-2024	35	35
	Monument 2020	Photopoints	2020-2024	20	32
	Monument 2023 Kilgore Slash	Stand Exams Photopoints Comp and Cover	2024	16	16
	New Fork Boulder Marsh Creek RX	Photopoints	2004-2024	3	3
	New Fork Boulder Lake Rim RX	Photopoints	2004-2024	4	4
	Cottonwood II Slash/RX Units 11, 12, 13	Aspen Circles Photopoints	2014-2024	38	38
	Maki MACB2	Aspen Circles Photopoints	2006-2024	34	34
Totals	Monitoring Units Visited = 41	Plot Types = 9	---	561	699

Fire effects data from all projects are analyzed, and each unit's findings are summarized in written reports. In addition, the results are presented at Zone and Park level meetings in the spring. Fire managers can review outcomes and objectives, ask questions, and consider adjusting to improve future treatments.

The Fire Ecology staff assisted with several wildfires, prescribed burns, and pile burns throughout the field season. Paul Hood initiated a Longterm Analyst taskbook and completed several assignments on the Fish Creek and Pack Trail Fires. The Fire Effects crew served as a local initial attack squad and responded to several new fire starts in GRTE. Fire Effects crewmembers also joined the Teton Crew and were dispatched to wildfire incidents throughout the western United States. Olivia and Emily both served as REAFs on the Fish Creek and Pack Trail Fires. Ron Steffens served in June as a Duty Officer for the Coronado National Forest. He was the incident commander for the Wyoming Type III Team on the Clearwater Fire (WY) in August.

Figure 1. Fire Effects Monitoring Projects Throughout the Teton Interagency Fire Ecology Program

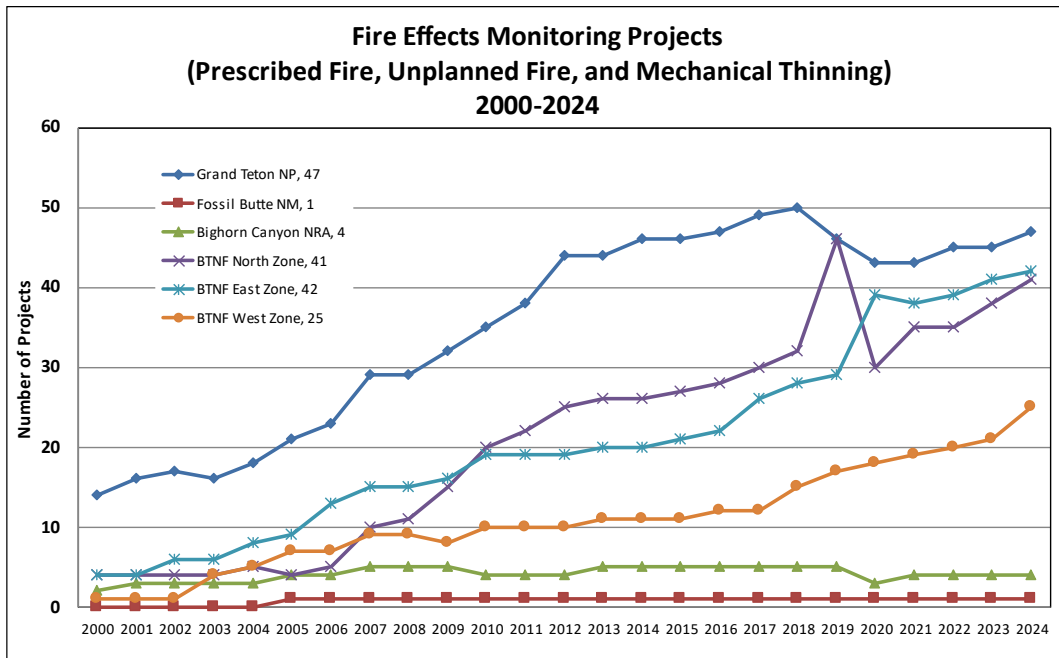


Figure 2. Fire Effects Hourly Plot Workload Breakdown (2024)

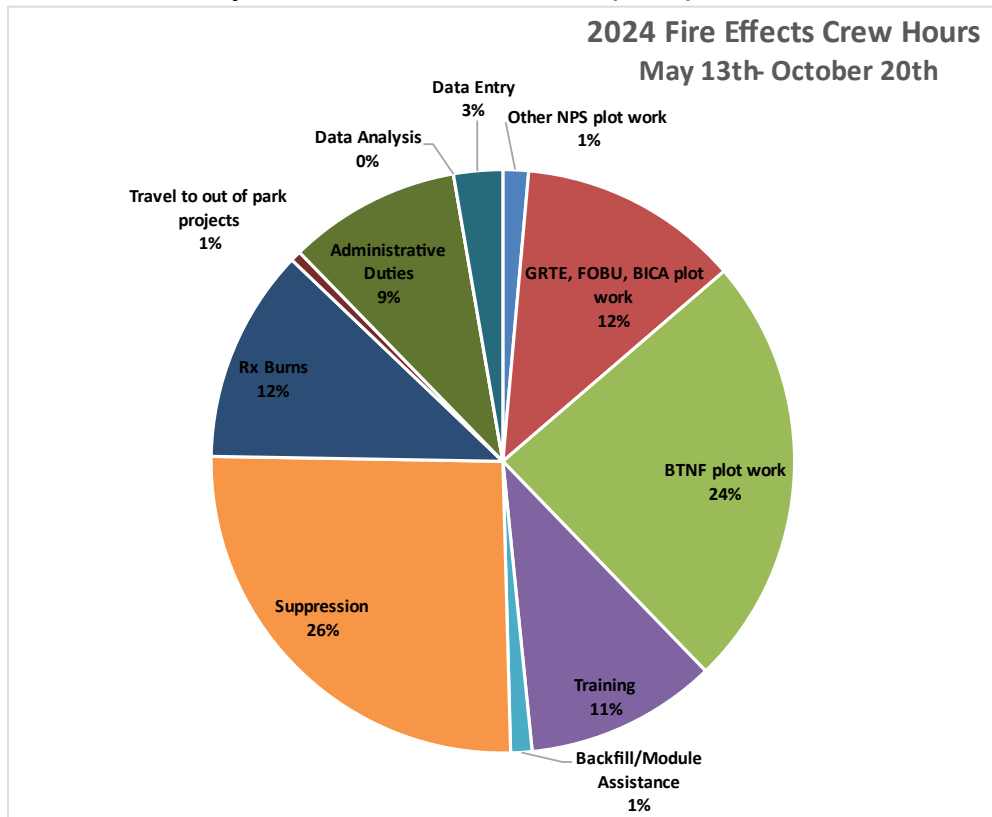


Figure 2 shows the percentage of time that the fire effects crew dedicated to the following categories: data entry and analysis, plot work within the park, plot work on the forest, training, backfill, unplanned fire response, prescribed burns, administrative duties, data entry & analysis and other NPS plot work (such as BICA and FOBU).



2024 Fire Ecology Program: Emily Johnson, Olivia Burke, Bregghan Klein, Tessa Kodrack, Ruth Griggs, Paul Hood (not pictured).

Teton Interagency Dispatch Center

Teton Interagency Dispatch Center (TIDC) provides dispatch support to multiple all-risk functional areas, including fire, aviation, prescribed fire, law enforcement, search-and-rescue, and medical emergencies. TIDC was staffed from 6am to 10pm year-round. Following is an overview of the incidents supported by TIDC:

<p>Fire:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Wildland Fires: <ul style="list-style-type: none"> 59 BTNF 1 County 9 GTNP 1 NER <input type="checkbox"/> Acres Burned: <ul style="list-style-type: none"> 90,887.46 acres BTNF 0.18 acres County 3.80 acres GTNP 0.10 acre NER <input type="checkbox"/> Prescribed Fires: <ul style="list-style-type: none"> 3 BTNF 0 County 4 GTNP 0 NER <input type="checkbox"/> Acres Prescribed Fire: <ul style="list-style-type: none"> 4941 acres BTNF 0 acres County 14 acres GTNP 0 acres NER <input type="checkbox"/> Dispatch Support July-mid November: <ul style="list-style-type: none"> 2 IADP - Initial Attack Dispatchers 2 EDRCT – Expanded Dispatch Recorders 1 EDSD – Expanded Dispatch Support Dispatcher 2 ACDP – Aircraft Dispatchers <input type="checkbox"/> Expanded Dispatch: <ul style="list-style-type: none"> Virtual Expanded provided by Cody Dispatch Expanded resources for Fish Creek and Pack Trail fires August 18 - September 23 Remote Incident Support Team (RIST) provided remote dispatch for Fish Creek and Pack Trail September 30 - November 8 <input type="checkbox"/> Resource Orders Completed: <table style="margin-left: 20px; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Off-Unit</th> <th style="text-align: left; border-bottom: 1px solid black;">Local Incidents:</th> </tr> </thead> <tbody> <tr> <td>5 Aircraft</td> <td>319 Aircraft</td> </tr> <tr> <td>2 Crew</td> <td>125 Crew</td> </tr> <tr> <td>26 Equipment</td> <td>690 Equipment</td> </tr> <tr> <td>184 Overhead</td> <td>2,315 Overhead</td> </tr> <tr> <td>0 Supply</td> <td>3,540 Supply</td> </tr> <tr> <td>217 Total</td> <td>6,989 Total</td> </tr> </tbody> </table> <p>Aviation:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Supported 2 Exclusive Use and 1 Call When Needed helicopters <input type="checkbox"/> Flight Following Operations non fire related: <ul style="list-style-type: none"> 20 flights 69 hours 38 minutes <p>General:</p> <ul style="list-style-type: none"> <input type="checkbox"/> TIDC staff: <ul style="list-style-type: none"> 6 Permanent positions (Dual function: All- Risk & Fire) 1 Fire and 0 All-Risk Seasonal positions 	Off-Unit	Local Incidents:	5 Aircraft	319 Aircraft	2 Crew	125 Crew	26 Equipment	690 Equipment	184 Overhead	2,315 Overhead	0 Supply	3,540 Supply	217 Total	6,989 Total	<p>All-risk Case Incidents for 2024:</p> <p>Medical Emergencies:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Dispatch 3 ambulances for GTNP: <ul style="list-style-type: none"> 232 Emergency Medical Service responses <p>Search-and-Rescue:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Supported numerous SAR personnel during mountain, lake, and river rescues: <ul style="list-style-type: none"> 79 SAR responses 72 Major SAR responses in FY 2024 <input type="checkbox"/> Coordinated with 5 counties: <ul style="list-style-type: none"> Teton, Lincoln, Fremont, Sublette, & Park Co. <p>Law Enforcement:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Supported 19 LE personnel for GTNP and 2 for BTNF <input type="checkbox"/> Completed court files for: <ul style="list-style-type: none"> 11 Arrests 136 Mandatory Court Appearances 19 Optional Court Appearances <input type="checkbox"/> Support Outside Agencies on Request: <ul style="list-style-type: none"> Teton County Sheriff’s Office Sublette County Sheriff’s Office Lincoln County Sheriff’s Office Fremont County Sheriff’s Office Jackson Police Department Wyoming Highway Patrol Wyoming Game & Fish National Elk Refuge <p>Backcountry Tracking:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Tracked NPS and FS personnel <ul style="list-style-type: none"> Day Trips 1,771 (NPS 1,742/FS 29) Overnight Trips 194 (NPS 76/FS 118)
Off-Unit	Local Incidents:														
5 Aircraft	319 Aircraft														
2 Crew	125 Crew														
26 Equipment	690 Equipment														
184 Overhead	2,315 Overhead														
0 Supply	3,540 Supply														
217 Total	6,989 Total														

Land Ownership Report

USDA Forest Service, calendar year 2012, Region 04
 Forest 03, BTNF Summary of acres by state,
 reference FSM 5186.8

Inside Forest Service Protection Boundaries protected by the Forest Service

Form FS-5100-9 Land Ownership Protection Report

USDA FOREST SERVICE							Calendar Year 2024		
LAND OWNERSHIP PROTECTION REPORT							Region 4		
(Summary of acres by states)							NF Bridger Teton		
STATE	INSIDE FOREST SERVICE PROTECTION BOUNDARIES							S&P LAND PROTECTED	National Forest Land Protected Others
	PROTECTED BY THE FOREST SERVICE								
	State and Private Land								
			Reimburse	Without				by STATE and FS	
	Fee Basis	Offset Basis	Suppression	Reimbursement	Other Federal	N F Land	Total		
Wyoming					24,700 (NER)	3,465,196	3489.896		