

**National Interagency Coordination Center  
Incident Management Situation Report  
Thursday, August 25, 2022 – 0730 MDT  
National Preparedness Level 3**

**National Fire Activity:**

Initial attack activity:	Light (87 fires)
New large incidents:	0
Large fires contained:	2
Uncontained large fires: **	17
Area Command teams committed:	0
NIMOs committed:	2
Type 1 IMTs committed:	2
Type 2 IMTs committed:	6
***Complex IMTs committed:	0

\*\*\*Complex Incident Management Teams (CIMTs) are configured to respond to large, complex fires and can expand and reduce staffing in all functional areas as necessary to meet the needs of the incident.

Nationally, there are 29 fires being managed under a strategy other than full suppression.

\*\*Uncontained large fires include only fires being managed under a full suppression strategy.

[Link](#) to Geographic Area daily reports.

[Link](#) to Understanding the IMSR.

One RC-26 aircraft with Distributed Real-Time Infrared (DRTI) capability and support personnel from the 141st Air Refueling Wing (Washington Air National Guard) have been deployed to Boise, ID. One RC-26 aircraft with Distributed Real-Time Infrared (DRTI) capability and support personnel from the 162nd Operations Group (Arizona Air National Guard) have been deployed to Eugene, OR in support of wildland fire operations.

One Boeing 737 airtanker from New South Wales, Australia is supporting fire suppression efforts in the western United States.

<b>Active Incident Resource Summary</b>							
<b>GACC</b>	<b>Incidents</b>	<b>Cumulative Acres</b>	<b>Crews</b>	<b>Engines</b>	<b>Helicopters</b>	<b>Total Personnel</b>	<b>Change in Personnel</b>
AICC	1	13	1	1	0	34	-2
NWCC	15	33,718	70	67	19	2,890	113
ONCC	3	95,675	49	133	24	2,531	287
OSCC	1	325	1	5	0	57	-64
NRCC	21	39,776	17	68	16	882	136
GBCC	9	114,125	40	85	18	1,958	111
SWCC	1	341,735	2	5	2	506	-15
RMCC	2	8,214	1	10	0	49	-43
EACC	1	2	0	9	0	32	0
SACC	8	8,068	0	6	1	52	-17
<b>Total</b>	<b>62</b>	<b>641,651</b>	<b>181</b>	<b>389</b>	<b>80</b>	<b>8,991</b>	<b>506</b>

### **Northwest Area (PL 3)**

New fires:	28
New large incidents:	0
Uncontained large fires:	7
Type 1 IMTs committed:	1
Type 2 IMTs committed:	3

**White River**, Okanogan-Wenatchee NF, USFS. IMT 2 (NW Team 7). IMT is also managing the Irving Peak fire. Twenty-three miles northwest of Leavenworth, WA. Timber. Active fire behavior with flanking, backing and isolated torching. Numerous structures threatened. Evacuations have been lifted. Area, road and trail closures in effect.

**Irving Peak**, Okanogan-Wenatchee NF, USFS. Twenty-six miles northwest of Leavenworth, WA. Timber. Active fire behavior with flanking, backing and isolated torching. Structures threatened. Evacuations, area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

**Rum Creek**, Medford District, BLM. IMT 2 (NW Team 13). Twelve miles northwest of Hugo, OR. Timber and closed timber litter. Active fire behavior with backing, flanking and single tree torching. Numerous structures threatened. Area and trail closures in effect.

**Cedar Creek**, Willamette NF, USFS. IMT 1 (PNW Team 3). Fifteen miles east of Oakridge, OR. Timber and closed timber litter. Moderate fire behavior with flanking, creeping and torching. Structures threatened. Area, road and trail closures in effect.

**Windigo**, Umpqua NF, USFS. IMT 2 (NW Team 10). IMT is also managing the Potter and Big Swamp fires. Twenty miles southwest of La Pine, OR. Closed timber litter, timber and medium slash. Minimal fire behavior with creeping and smoldering. Area, road and trail closures in effect.

**Potter**, Willamette NF, USFS. Forty-six miles southwest of La Pine, OR. Closed timber litter, timber and medium slash. Moderate fire behavior with wind-driven runs, single tree torching and spotting. Area, road and trail closures in effect.

**Big Swamp**, Willamette NF, USFS. Thirty-seven miles southwest of La Pine, OR. Closed timber litter, timber and medium slash. Minimal fire behavior with creeping and isolated torching. Area, road and trail closures in effect.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
White River	WA-OWF	961	0	1	Ctn	10/30	322	-52	6	17	3	0	6.5M	FS
Irving Peak	WA-OWF	1,306	37	1	Ctn	10/31	36	1	2	0	0	0	2.2M	FS
Rum Creek	OR-MED	910	386	0	Ctn	10/31	424	-21	14	6	0	0	2.8M	BLM
Cedar Creek	OR-WIF	7,264	92	0	Ctn	10/1	1,050	28	20	13	9	0	24.3M	FS
Windigo	OR-UPF	1,007	0	98	Ctn	10/1	250	-3	4	2	1	0	16.2M	FS
Potter	OR-WIF	628	1	88	Ctn	10/30	307	-6	8	9	4	0	9.4M	FS
Big Swamp	OR-WIF	110	0	84	Ctn	10/30	64	-2	1	2	0	0	475K	FS
Hat Top	OR-VAD	1,894	0	100	Ctn	---	82	20	2	2	2	0	400K	BLM

VAD – Vale District, BLM

**Northern California Area (PL 3)**

New fires:	13
New large incidents:	0
Uncontained large fires:	4
NIMOs committed:	2
Type 2 IMTs committed:	2

**2022 SRF Lightning Complex** (2 fires), Six Rivers NF, USFS. NIMO (NIMO Team 1), NIMO (NIMO Team 4) and IMT 2 (CA Team 14). One mile northeast of Willow Creek, CA. Timber and slash. Active fire behavior with flanking, backing and torching. Several communities, numerous structures and infrastructure threatened. Evacuations, area, road and trail closures in effect.

**McKinney**, Klamath NF, USFS. IMT 2 (CA Team 12). Fifteen miles northwest of Yreka, CA. Timber and brush. Minimal fire behavior with smoldering and creeping. Several communities and numerous residences threatened. Area, road and trail closures in effect.

**Yeti**, Klamath NF, USFS. Eight miles northeast of Happy Camp, CA. Closed timber litter and timber. Minimal fire behavior with creeping and smoldering. Several communities, numerous structures and communication infrastructure threatened. Area, road and trail closures in effect.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
2022 SRF Lightning Complex	CA-SRF	27,651	238	80	Ctn	8/27	1,845	352	38	117	19	8	51.6M	FS
McKinney	CA-KNF	60,138	0	99	Ctn	8/30	582	-79	10	11	5	185	70.1M	FS
Yeti	CA-KNF	7,886	0	95	Ctn	9/1	104	14	1	5	0	0	16.3M	FS

**Great Basin Area (PL 3)**

New fires:	8
New large incidents:	0
Uncontained large fires:	2
Type 1 IMTs committed:	1
Type 2 IMTs committed:	1

**Four Corners**, Payette NF, USFS. IMT 2 (GB Team 4). Six miles west of Cascade, ID. Timber. Active fire behavior with short crown runs, group torching and spotting. Numerous structures threatened. Evacuations, area and road closures in effect.

**Moose**, Salmon-Challis NF, USFS. IMT 1 (NR Team 2). Seventeen miles north of Salmon, ID. Timber. Moderate fire behavior with uphill runs, isolated torching and backing. Numerous residences and energy infrastructure threatened. Area, road and trail closures in effect.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Four Corners	ID-PAF	8,361	153	11	Ctn	9/24	724	74	18	35	7	0	10.4M	FS
Moose	ID-SCF	96,445	925	38	Ctn	10/31	829	40	11	41	6	7	54.2M	FS
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Porphyry	ID-PAF	2,050	202	5	Comp	10/15	93	14	3	2	0	0	400K	FS
Ross Fork	ID-STF	694	101	10	Comp	10/31	17	0	0	1	0	0	480K	FS
Woodtick	ID-SCF	5,735	---	17	Comp	9/30	26	---	1	0	1	0	4.1M	FS
Dismal	ID-PAF	1,664	---	0	Comp	10/15	12	---	0	0	1	0	38K	FS

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Norton	ID-SCF	679	---	0	Comp	10/31	2	---	0	0	0	0	98K	FS
Halfway Hill	UT-SCS	11,702	---	93	Comp	10/1	11	---	0	2	0	2	11.7M	ST
Wolf Fang	ID-SCF	1,266	---	0	Comp	10/1	1	---	0	0	0	0	60K	FS

STF – Sawtooth NF, USFS      SCS – South Central Area, Utah DOF

**Northern Rockies Area (PL 3)**

New fires: 18  
 New large incidents: 0  
 Uncontained large fires: 1

**Garceau**, Flathead Agency, BIA. Seven miles northeast of Hot Springs, MT. Tall grass and timber. Moderate fire behavior with creeping, smoldering and single tree torching. Structures and energy infrastructure threatened.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Garceau	MT-FHA	6,724	0	55	Ctn	8/31	194	20	4	8	7	0	4M	BIA
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Redhorn	MT-FHA	511	0	5	Comp	10/1	9	0	0	0	1	0	3.1M	BIA
Hog Trough	MT-BRF	1,701	0	77	Comp	10/30	154	11	3	2	3	0	10.4M	FS
Sutton	MT-KNF	108	---	95	Comp	10/15	54	---	2	0	0	0	2.2M	FS
Quartz	MT-GNP	1,678	---	0	Comp	10/31	18	---	0	0	0	0	30K	NPS
Castle	ID-NCF	400	---	0	Comp	12/31	0	---	0	0	0	0	50K	FS
Clover	MT-BDF	1,103	---	51	Comp	10/30	13	---	0	0	0	0	2.1M	FS
Weasel	MT-KNF	1,683	---	20	Comp	9/30	9	---	0	1	0	0	1.3M	FS
Diamond Watch	ID-IPF	597	---	0	Comp	9/30	25	---	1	1	0	0	425K	FS
Indian Ridge	MT-BRF	4,425	---	0	Comp	10/31	8	---	0	0	0	0	18K	FS
Eneas Peak	ID-IPF	150	---	0	Comp	9/30	4	---	0	0	0	0	17K	FS
Cannon	MT-FNF	995	---	0	Comp	10/31	1	---	0	0	0	0	17K	FS

BRF– Bitterroot NF, USFS      KNF – Kootenai NF, USFS      GNP – Glacier NP, NPS      NCF – Nez Perce-Clearwater NF, USFS  
 BDF – Beaverhead-Deerlodge NF, USFS      IPF – Idaho Panhandle NF, USFS      FNF – Flathead NF, USFS

**Southern California Area (PL 2)**

New fires: 8  
 New large incidents: 0  
 Uncontained large fires: 0

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Red	CA-YNP	500	---	0	Comp	9/28	24	---	2	0	1	0	20K	NPS

YNP – Yosemite NP, NPS

**Rocky Mountain Area (PL 2)**

New fires: 3  
 New large incidents: 0  
 Uncontained large fires 2

**TW**, Johnson County. Forty miles west of Gillette, WY. Tall grass and brush. Minimal fire behavior with smoldering and creeping. Residences threatened.

**Hwy 31 & 101<sup>st</sup> West**, Standing Rock Agency, BIA. Three miles northeast of McIntosh, SD. Grass. Minimal fire behavior with creeping and smoldering. Structures threatened.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
TW	WY-JOX	2,925	0	95	Ctn	8/25	24	-25	1	2	0	0	280K	CNTY
Hwy 31 & 101 <sup>st</sup> West	ND-SRA	5,289	0	95	Ctn	8/31	25	-9	0	8	0	1	75K	BIA

**Southern Area (PL 2)**

New fires: 8  
 New large incidents: 0  
 Uncontained large fires 1

**Juniper Road Two**, North Carolina Forest Service. Seven miles northwest of Holly Ridge, NC. Southern rough. No new information.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Juniper Road Two	NC-NCS	1,226	---	90	Ctn	9/15	1	---	0	0	0	0	872K	ST

**Southwest Area (PL 2)**

New fires: 0  
 New large incidents: 0  
 Uncontained large fires: 0

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Dragon	AZ-GCP	1,362	---	0	Comp	9/1	7	---	0	1	0	0	900K	NPS
Keystone	AZ-FTA	461	-10	100	Comp	---	0	-2	0	0	0	0	20K	BIA

GCP – Grand Canyon NP, NPS    FTA – Fort Apache Agency, BIA

**Alaska Area (PL 1)**

New fires: 0  
 New large incidents: 0  
 Uncontained large fires: 0

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Christian	AK-UYD	8,769	---	0	Comp	9/30	0	---	0	0	0	0	10K	TRI

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Minnkohwin	AK-TAD	4,718	---	0	Comp	10/1	0	---	0	0	0	0	30K	FWS
Clear	AK-FAS	73,284	---	91	Comp	8/31	18	---	0	1	0	33	27.1M	ST
Hardscrabble Creek	AK-SWS	2,514	---	0	Comp	10/31	0	---	0	0	0	0	3K	ST
Middle Tanana Complex	AK-DAS	62,861	---	0	Comp	10/31	1	---	0	0	0	0	3.4M	ST

UYD – Upper Yukon Zone, BLM    TAD – Tanana Zone, BLM    FAS – Fairbanks Area, Alaska DOF  
SWS – Southwest Area, Alaska DOF    DAS – Delta Area, Alaska DOF

**Fires and Acres Yesterday (by Protection):**

<b>Area</b>		<b>BIA</b>	<b>BLM</b>	<b>FWS</b>	<b>NPS</b>	<b>ST/OT</b>	<b>USFS</b>	<b>TOTAL</b>
Alaska Area	FIRES	0	0	0	0	0	0	<b>0</b>
	ACRES	0	10,272	0	0	0	0	<b>10,272</b>
Northwest Area	FIRES	3	0	0	9	8	8	<b>28</b>
	ACRES	3	0	0	20	226	12	<b>261</b>
Northern California Area	FIRES	0	0	0	0	9	4	<b>13</b>
	ACRES	0	0	0	0	5	1	<b>6</b>
Southern California Area	FIRES	1	0	0	0	7	0	<b>8</b>
	ACRES	0	0	0	0	10	5	<b>15</b>
Northern Rockies Area	FIRES	0	0	0	0	6	12	<b>18</b>
	ACRES	0	0	0	0	2	5	<b>7</b>
Great Basin Area	FIRES	1	1	0	0	2	4	<b>8</b>
	ACRES	64	4	0	0	0	1,313	<b>1,381</b>
Southwest Area	FIRES	0	0	0	0	0	0	<b>0</b>
	ACRES	0	0	0	0	0	0	<b>0</b>
Rocky Mountain Area	FIRES	0	0	0	0	3	0	<b>3</b>
	ACRES	0	0	0	0	23	0	<b>23</b>
Eastern Area	FIRES	0	0	0	0	1	0	<b>1</b>
	ACRES	0	0	0	0	0	0	<b>0</b>
Southern Area	FIRES	0	0	0	0	8	0	<b>8</b>
	ACRES	0	0	0	0	90	0	<b>90</b>
<b>TOTAL FIRES:</b>		<b>5</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>44</b>	<b>28</b>	<b>87</b>
<b>TOTAL ACRES:</b>		<b>67</b>	<b>10,276</b>	<b>0</b>	<b>20</b>	<b>356</b>	<b>1,336</b>	<b>12,055</b>

**Fires and Acres Year-to-Date (by Protection):**

<b>Area</b>		<b>BIA</b>	<b>BLM</b>	<b>FWS</b>	<b>NPS</b>	<b>ST/OT</b>	<b>USFS</b>	<b>TOTAL</b>
Alaska Area	FIRES	0	186	0	0	346	31	<b>563</b>
	ACRES	0	1,531,788	0	0	1,575,859	10	<b>3,107,657</b>
Northwest Area	FIRES	149	291	23	37	677	628	<b>1,805</b>
	ACRES	1,244	47,195	257	22	13,554	11,120	<b>73,393</b>
Northern California Area	FIRES	6	23	5	17	2,251	260	<b>2,562</b>
	ACRES	2	286	20	131	14,424	96,482	<b>111,345</b>
Southern California Area	FIRES	24	37	8	23	2,878	360	<b>3,330</b>
	ACRES	114	295	103	5,373	18,687	3,207	<b>27,778</b>
Northern Rockies Area	FIRES	367	21	5	3	784	359	<b>1,539</b>
	ACRES	27,115	2,106	545	1,678	11,587	13,307	<b>56,338</b>
Great Basin Area	FIRES	30	482	5	33	583	279	<b>1,412</b>
	ACRES	6,632	27,508	58	37	36,223	155,794	<b>226,252</b>
Southwest Area	FIRES	383	183	6	27	516	793	<b>1,908</b>
	ACRES	39,403	13,326	15	2,717	159,631	760,794	<b>975,886</b>
Rocky Mountain Area	FIRES	274	313	12	23	1,036	259	<b>1,917</b>
	ACRES	18,075	6,248	130	597	179,603	10,629	<b>215,282</b>
Eastern Area	FIRES	88	0	20	11	5,556	324	<b>5,999</b>
	ACRES	253	0	680	17	39,276	2,894	<b>43,121</b>
Southern Area	FIRES	800	4	26	65	21,394	628	<b>22,917</b>
	ACRES	103,534	88	5,942	3,054	1,027,154	39,584	<b>1,179,356</b>
<b>TOTAL FIRES:</b>		<b>2,121</b>	<b>1,540</b>	<b>110</b>	<b>239</b>	<b>36,021</b>	<b>3,921</b>	<b>43,952</b>
<b>TOTAL ACRES:</b>		<b>196,371</b>	<b>1,628,839</b>	<b>7,750</b>	<b>13,626</b>	<b>3,075,999</b>	<b>1,093,822</b>	<b>6,016,408</b>

<b>Ten Year Average Fires (2012 – 2021 as of today)</b>	<b>39,458</b>
<b>Ten Year Average Acres (2012 – 2021 as of today)</b>	<b>5,045,434</b>

\*\*\*Changes in some agency YTD acres reflect more accurate mapping or reporting adjustments.

\*\*\*Additional wildfire information is available through the Geographic Areas at <https://gacc.nifc.gov/>



## Canadian Fires and Hectares

PROVINCES	FIRES YESTERDAY	HECTARES YESTERDAY	FIRES YEAR-TO-DATE	HECTARES YEAR-TO- DATE
BRITISH COLUMBIA	57	254	1,157	39,121
YUKON TERRITORY	1	0	274	175,285
ALBERTA	6	1,823	894	124,090
NORTHWEST TERRITORY	2	21,686	237	428,947
SASKATCHEWAN	0	572	354	234,743
MANITOBA	1	14,716	174	168,375
ONTARIO	2	3	218	2,438
QUEBEC	0	0	367	29,574
NEWFOUNDLAND	0	0	72	23,989
NEW BRUNSWICK	0	0	175	138
NOVA SCOTIA	0	0	118	3,364
PRINCE EDWARD ISLAND	0	0	2	0
NATIONAL PARKS	5	6,335	49	12,811
TOTALS	74	45,389	4,153	1,242,874

\*1 Hectare = 2.47 Acres

**Predictive Services Discussion:** Isolated to scattered mainly wet thunderstorms are expected from north-central Washington into the northern Idaho Panhandle and across much of Montana into Wyoming, and a few severe storms are possible. Scattered wet monsoonal thunderstorms will continue across southeast California, the southern Great Basin, Colorado Rockies, and Southwest. Above normal temperatures will continue across northern California and northern Great Basin north into the Columbia Basin, with afternoon relative humidity falling to 6-20% and locally gusty winds possible. Scattered showers and thunderstorms are likely across the Great Lakes into the Mid-Mississippi Valley ahead of a cold front. Scattered to numerous showers and thunderstorms will continue across south Texas into the Lower Mississippi Valley and Southeast, with the heaviest rain and potential flooding across Louisiana and Mississippi.

<http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm>



# Effects of Smoke Exposure

*Firefighter Health & First Aid Category*

Wildland fire smoke is a complex mix of chemicals and particles, which varies depending on the fuels, soil, weather, fire intensity, and the burning phase of the fire. Some of the chemicals and particles that are present can pose a health risk particularly with higher exposures or long duration exposures. Wildland fire smoke can cause irritating respiratory symptoms and, over time, could possibly increase the risk of developing long-term illnesses.

While the makeup of smoke varies, here are just a few of the ways smoke could impact your health:

- **Carbon Monoxide (CO)** – Exposure to CO from wildland fire smoke or from other sources (such as exhaust from chainsaws, engines, or pumps) may lead to a variety of symptoms including impaired vision and judgement, headaches, and fatigue. In extreme situations, high levels of exposure can cause asphyxiation, which can lead to death.
- **Fine Particulate Matter (PM)** – Wildland fire smoke contains very small particles (PM) which can penetrate deep into the lungs. Long-term exposure can affect the lungs and heart, especially in individuals with underlying health issues (e.g., high blood pressure, high cholesterol), smokers, and those who work in stressful environments.
- **A variety of other chemicals**, such as polycyclic aromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs), are also present in wildland fire smoke. These may further increase your risk of short-term or even long-term health effects.
- **COVID-19** – Susceptibility to COVID-19 resulting from smoke exposure has not yet been specifically studied, but related studies show exposure to wildland smoke can lead to an increased susceptibility to respiratory infections, including pneumonia and bronchitis. Additionally, severity of infections or symptoms may be increased due to the respiratory tract's immune responses to smoke exposure. Thus, it's assumed that risk of COVID-19 infection would be high for firefighters with respiratory issues resulting from wildland smoke exposure.

Smoke is part of the wildland fire environment. Now more than ever, firefighters and incident overhead should be on the lookout for opportunities to reduce exposure. Incident overhead can think strategically about assigning wildland firefighting tasks in certain work environments and ask does our workforce really need to be in the smoke to meet the operational objectives? Other considerations include:

- Is camp located where smoke accumulates?
- Is the crew dispersed holding a smoke-choked road when the probability of ignition is near zero?
- Are firefighters mopping-up an area that poses no operational threat?

**Discussion:** There are certain tasks that have been associated with higher exposures to smoke. Below are some of those tasks. How can you and your crew realistically reduce smoke and PM exposure during these (and other) tasks?

- Mop-up
- Holding
- Line construction
- Firing

Think about and discuss this partial quote from an article in Two More Chains: Summer 2017,

<https://www.wildfirelessons.net/viewdocument/two-more-chains-summer-2017>

“As CO exposure increases, your ability to think clearly decreases. Being in smoke you don't need to be in is the epitome of not working smarter. In fact, it is actually working dumber.”

## Resources:

WFSTAR video – Smoke: Knowing the Risks, <https://www.nwcg.gov/publications/training-courses/rt-130/hazards/haz508>

FINAL REPORT Wildland Fire Smoke Health Effects on Wildland Firefighters and the Public,

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