

**National Interagency Coordination Center  
Incident Management Situation Report  
Tuesday, September 3, 2019 – 0530 MT  
National Preparedness Level 2**

**National Fire Activity**

Initial attack activity:	Light (123 new fires)
New large incidents:	4
Large fires contained:	2
Uncontained large fires:***	16
Area Command teams committed:	0
NIMOs committed:	2
Type 1 IMTs committed:	4
Type 2 IMTs committed:	4

Nationally, there are 36 large fires being managed under a strategy other than full suppression.

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

Resources mobilized to Southern Area in support of Hurricane Dorian recovery efforts:

- \* NIMO (Atlanta) and two fire suppression crews staged in FL.
- \* IMT 1 (NR Team 2) and two fire suppression crews staged in GA.
- \* IMT 1 (SA Blue Team) and two fire suppression crews mobilizing to NC.

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

[Link](#) to Understanding the IMSR.

<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>
AICC	8	212,278	42	59	14	1,527
NWCC	6	11,311	17	18	7	774
ONCC	1	3,380	3	5	2	179
OSCC	5	7,029	31	40	7	985
NRCC	5	3,122	2	15	6	173
GBCC	16	29,095	24	50	11	915
SWCC	11	36,431	8	28	5	386
RMCC	6	21,556	12	33	10	633
EACC	0	0	0	0	0	0
SACC	11	27,267	0	19	0	1,491
<b>Total</b>	<b>69</b>	<b>351,469</b>	<b>139</b>	<b>267</b>	<b>62</b>	<b>7,063</b>

**Alaska Area (PL 3)**

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

**Swan Lake**, Kenai Kodiak Area, Alaska DOF. IMT 1 (GB Team 1). IMT is also managing the Caribou Lake incident. Started on FWS land five miles northeast of Sterling, AK. Timber, brush and short grass. Minimal fire behavior with single tree torching, creeping and smoldering. The communities of Sterling and Cooper Landing and numerous structures threatened. Area, road and trail closures in effect.

**Caribou Lake**, Kenai-Kodiak Area, Alaska DOF. Seven miles northwest of Fox River, AK. Heavy logging slash, timber and tall grass. Minimal fire behavior with smoldering and creeping. Structures threatened.

**McKinley**, Mat-Su Area, Alaska DOF. IMT 2 (NR Team 7). Started on private land 18 miles north of Willow, AK. Timber and brush. Minimal fire behavior with backing, creeping and single tree torching. Numerous residences threatened.

**Deshka Landing**, Mat-Su Area, Alaska DOF. IMT 2 (NW Team 10). Seven miles southwest of Willow, AK. Timber, brush and short grass. Minimal fire behavior with creeping and smoldering. 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			
Swan Lake	AK-KKS	162,179	0	29	Comp	10/1	710	-19	19	25	7	0	37.9M	FWS
Caribou Lake	AK-KKS	904	0	92	Ctn	9/8	78	0	3	1	2	0	1.6M	ST
McKinley	AK-MSS	3,289	0	95	Ctn	10/1	536	-17	14	32	2	139	9M	PRI
Deshka Landing	AK-MSS	1,318	0	95	Ctn	12/31	191	-24	6	1	2	0	3.2M	ST
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Levelock	AK-SWS	8,549	0	5	Comp	UNK	0	-28	0	0	0	0	2.1M	TRI
Ethel Creek	AK-SWS	31,000	0	0	Comp	UNK	8	0	0	0	0	0	290K	ST
Tokaina 2	AK-CRS	4,980	0	0	Comp	9/30	4	0	0	0	1	0	643K	ST
Lower Klutuk	AK-SWS	4,699	---	0	Comp	10/14	0	---	0	0	0	0	1K	BLM
Tokaina Creek	AK-CRS	823	---	0	Comp	9/30	0	---	0	0	0	0	13K	ST
Tokaina 3	AK-CRS	156	---	0	Comp	9/30	0	---	0	0	0	0	2K	ST

SWS – Southwest Area, Alaska DOF    CRS – Valdez-Cooper River Area, Alaska DOF

**Northwest Area (PL 2)**

New fires: 15  
 New large incidents: 0  
 Uncontained large fires: 1  
 NIMOs committed: 1  
 Type 2 IMTs committed: 1

**204 Cow**, Malheur NF, USFS. IMT 2 (NW Team 9). NIMO (Boise) mobilizing. Seventeen miles southwest of Unity, OR. Timber, closed timber litter and brush. Moderate fire behavior with flanking, group torching and spotting. Structures threatened. Area and road closures in effect.

**Box**, Malheur NF, USFS. Thirty miles northwest of Burns, OR. Timber. Minimal fire behavior with creeping and smoldering.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
204 Cow	OR-MAF	7,866	1,158	30	Comp	10/15	652	30	13	9	7	0	6.5M	FS
Box	OR-MAF	100	0	10	Ctn	9/5	16	0	0	5	0	0	30K	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Devore Creek	WA-OWF	630	---	0	Comp	11/30	3	---	0	0	0	0	1.1M	FS
Granite Gulch	OR-WWF	5,200	---	0	Comp	10/31	15	---	0	0	1	0	310K	FS
South Fork Creek	WA-OWF	160	---	10	Comp	10/1	0	---	0	0	0	0	15K	FS

OWF – Okanogan-Wenatchee NF, USFS      WWF – Wallowa-Whitman NF, USFS

**Southern California Area (PL 2)**

New fires: 26  
 New large incidents: 0  
 Uncontained large fires: 3

**Creek**, Tulare Unit, Cal Fire. Five miles east of Woodlake, CA. Brush and short grass. Minimal fire behavior with creeping and smoldering.

**Broder**, Sequoia NF, USFS. Twelve miles west of Haiwee, CA. Timber and brush. Moderate fire behavior with flanking, backing and creeping.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Creek	CA-TUU	756	56	80	Ctn	9/3	328	-26	18	16	0	0	950K	ST
Broder	CA-SQF	350	85	30	Ctn	9/9	92	0	3	1	1	0	621K	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Cow	CA-INF	1,800	250	30	Comp	10/11	96	-2	1	0	2	0	1.7M	FS
Springs	CA-INF	3,844	---	50	Comp	10/1	176	---	2	7	1	0	4.9M	FS

INF – Inyo NF, USFS

**Great Basin Area (PL 2)**

New fires: 18  
 New large incidents: 2  
 Uncontained large fires: 4

\* **Cherry**, Humbolt-Toiyabe NF, USFS. Fifty miles south of Elko, NV. Brush. Extreme fire behavior with wind-driven runs, short-range spotting and crowning. Structures and Sage-grouse habitat threatened.

\* **Saddle Butte**, Teton County. One mile west of Jackson, WY. Timber and brush. Minimal fire behavior with creeping and smoldering. Residences threatened. Evacuations, area and road closures in effect.

**Cove Creek**, Salmon-Challis NF, USFS. Twenty-seven miles northwest of Salmon, ID. Timber and tall grass. Minimal fire behavior with smoldering. Structures threatened. Trail closures in effect.

**Nethker**, Payette NF, USFS. Thirty miles northeast of McCall, ID. Timber and closed timber litter. Moderate fire behavior with creeping and smoldering. 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			
* Cherry	NV-HTF	2000	---	0	Ctn	9/9	290	---	7	20	2	0	300K	FS
* Saddle Butte	WY-TDX	250	---	21	Ctn	9/5	84	---	2	5	1	0	225K	CNTY
Cove Creek	ID-SCF	5,332	28	79	Ctn	9/30	25	-1	1	2	1	0	5.5M	FS
Nethker	ID-PAF	2,360	0	97	Ctn	9/8	42	-2	1	2	1	0	13M	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Little Bear	UT-DIF	2,642	60	45	Comp	9/14	100	0	3	6	1	0	760K	FS
Smith Knob	ID-PAF	425	129	0	Comp	10/1	55	0	2	0	1	0	175K	FS
Mammoth	UT-MLF	800	200	60	Comp	10/1	68	43	2	4	1	0	NR	FS
Shady	ID-SCF	6101	244	0	Comp	10/31	31	26	1	1	1	0	450K	FS
Trumbull	AZ-ASD	2,925	---	0	Comp	9/5	88	---	3	1	1	0	500K	BLM
Park Ridge	UT-FIF	186	---	35	Comp	9/15	6	---	0	1	0	0	155K	FS

DIF – Dixie NF, USFS MLF – Manti-La Sal NF, USFS ASD – Arizona Strip District, BLM FIF – Fishlake NF, USFS

### **Southwest Area (PL 2)**

New fires: 10  
 New large incidents: 0  
 Uncontained large fires: 2

**Champion**, San Carlos Agency, BIA. Eleven miles NE of Globe, AZ. Brush and tall grass. Moderate fire behavior with wind-driven runs.

**Clair**, Tonto NF, USFS. Eleven miles north of Rio Verde, AZ. Brush and short grass. Minimal fire behavior with smoldering.

**Sheridan**, Prescott NF, USFS. Previously reported incident. Twenty miles northwest of Prescott, AZ. Timber, brush and chaparral. Minimal fire behavior with creeping and smoldering. Area closures in effect. Precipitation occurred over the fire area yesterday. Last narrative report unless significant activity occurs.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Champion	AZ-SCA	1986	856	45	Ctn	9/4	20	10	0	6	0	0	65K	BIA
Clair	AZ-TNF	680	0	80	Ctn	9/3	44	-20	1	1	2	0	600K	FS
Sheridan	AZ-PNF	21510	4,444	49	Comp	9/15	100	-76	1	6	1	0	3.5M	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Redondo	NM-BAP	317	0	80	Comp	9/9	31	0	1	2	0	0	220K	NPS
Buckhorn	AZ-A3S	1,900	---	85	Comp	UNK	31	---	1	2	0	0	49K	ST
Ikes	AZ-GCP	6,500	---	80	Comp	9/15	32	---	0	3	1	0	1.9M	NPS
Saber	AZ-COF	3,283	---	75	Comp	9/15	4	---	0	1	0	0	745K	FS
Cueva	NM-SNF	1,176	---	90	Comp	9/6	42	---	1	2	1	0	177K	FS
Castle	AZ-KNF	19,368	---	96	Comp	9/15	64	---	1	6	0	0	5.2M	FS
Triple Nickle	NM-CIF	8,063	---	95	Comp	9/30	74	---	2	4	1	0	1.5M	FS

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Boulin	AZ-KNF	4,039	0	100	Comp	---	0	-7	0	0	0	0	150K	FS

BAP – Bandelier National Monument, NPS    A3S – Southeast District, Arizona DOF    GCP – Grand Canyon NP, NPS    COF – Coconino NF, USFS    SNF – Santa Fe NF, USFS    KNF – Kaibab NF, USFS    CIF – Cibola NF, USFS

### **Southern Area (PL 3)**

New fires: 16  
 New large incidents: 1  
 Uncontained large fires: 1  
 Type 1 IMTs committed: 1

\* **Hurricane Dorian**, Florida Forest Service. Eastern Seaboard of Florida. Florida State IMT 1 (Red Team) staged in Orlando, FL to manage support and coordination for FEMA Urban Search and Rescue Task Force operations in Florida. Evacuations in effect.

**Haverlah**, Texas A&M Forest Service. Started on private land 68 miles west of Killeen, TX. Brush and tall grass. Active fire behavior with creeping.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Hurricane Dorian	FL-FLS	N/A	---	N/A	N/A	---	1,382	---	0	0	0	0	NR	ST
Haverlah	TX-TXS	1,480	280	95	Ctn	UNK	17	-6	0	2	0	0	NR	PRI

### **Rocky Mountain (PL 2)**

New fires: 11  
 New large incidents: 1  
 Uncontained large fires: 2

**Pedro Mountain**, Rawlins Field Office, BLM. Forty miles north of Rawlins, WY. Timber, brush and short grass. Moderate fire behavior with backing, single tree torching and flanking. Structures and sage-grouse habitat threatened. Evacuations and road closures in effect.

\* **Currant**, Rock Springs Field Office, BLM. Twenty-six miles southwest of Rock Springs, WY. Brush and short grass. Moderate fire behavior with smoldering, creeping and isolated torching.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Pedro Mountain	WY-RAD	20,830	1,305	37	Ctn	9/10	364	-66	7	27	5	7	5.6M	BLM
* Currant	WY-RSD	383	---	25	Ctn	9/4	93	---	3	4	0	0	NR	BLM
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Middle Mamm	CO-WRF	250	---	1	Comp	10/31	71	---	1	0	1	0	150K	FS
Reveille	CO-PSF	230	---	80	Comp	UNK	1	---	0	0	0	0	2.7M	FS

WRF – White River NF, USFS    PSF – Pike and San Isabel NF, USFS

**Northern California Area (PL 2)**

New fires: 14  
 New large incidents: 0  
 Uncontained large fires: 1  
 Type 2 IMTs committed: 1

**R-1 Ranch**, Northern California District, BLM. Transfer of command from IMT 2 (CA Team 16) back to the local unit occurred yesterday. Thirteen miles northeast of Susanville, CA. Timber, brush and tall grass. Minimal fire behavior.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
R-1 Ranch	CA-NOD	3,380	0	98	Ctn	9/4	179	-115	3	5	2	0	3.4M	BLM

**Northern Rockies (PL 2)**

New fires: 10  
 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			
Mountain View	MT-LG03	2,775	0	100	Ctn	---	95	-92	0	16	3	0	992K	CNTY
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
McClusky	MT-BDF	230	---	51	Comp	11/1	72	---	2	2	0	0	630K	FS
Beeskove	MT-LNF	430	---	73	Comp	9/30	4	---	0	1	0	0	7M	FS
Horsefly	MT-HLF	1,352	---	60	Comp	9/30	44	---	1	0	1	0	6.5M	FS
Crab	ID-NCF	198	---	40	Comp	10/31	0	---	0	0	0	0	2.6M	FS
Snow Creek	MT-FNF	1,815	---	3	Comp	10/31	4	---	0	0	0	0	77K	FS
Barren Hill	ID-NCF	605	---	0	Comp	10/31	8	---	0	0	0	0	15K	FS
Snow Peak	ID-IPF	100	---	0	Comp	10/31	0	---	0	0	0	0	5K	FS

LG03 – Yellowstone County    BDF – Beaverhead-Deerlodge NF, USFS    LNF – Lolo NF, USFS  
 HLF – Helena-Lewis and Clark NF, USFS    NCF – Nez Perce-Clearwater NF, USFS    FNF – Flathead NF, USFS  
 IPF – Idaho Panhandle NF, USFS

**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	1	0	0	2	0	<b>3</b>
	ACRES	0	2	0	0	0	0	<b>2</b>
Northwest Area	FIRES	0	0	0	0	14	1	<b>15</b>
	ACRES	0	0	0	0	5	1,158	<b>1,163</b>
Northern California Area	FIRES	0	0	0	0	11	3	<b>14</b>
	ACRES	0	0	0	0	35	12	<b>47</b>
Southern California Area	FIRES	0	0	0	0	24	2	<b>26</b>
	ACRES	0	0	0	0	752	374	<b>1,126</b>
Northern Rockies Area	FIRES	1	1	0	0	4	4	<b>10</b>
	ACRES	8	38	0	0	0	212	<b>258</b>
Great Basin Area	FIRES	0	4	0	0	8	6	<b>18</b>
	ACRES	0	1	0	0	169	2,514	<b>2,684</b>
Southwest Area	FIRES	3	1	0	0	0	6	<b>10</b>
	ACRES	921	0	0	0	0	240	<b>1,161</b>
Rocky Mountain Area	FIRES	1	1	0	0	1	8	<b>11</b>
	ACRES	1	30	0	0	72	500	<b>603</b>
Eastern Area	FIRES	0	0	0	0	0	0	<b>0</b>
	ACRES	0	0	0	0	0	0	<b>0</b>
Southern Area	FIRES	0	0	0	0	15	1	<b>16</b>
	ACRES	0	0	0	0	35	0	<b>35</b>
<b>TOTAL FIRES:</b>		<b>5</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>79</b>	<b>31</b>	<b>123</b>
<b>TOTAL ACRES:</b>		<b>930</b>	<b>71</b>	<b>0</b>	<b>0</b>	<b>1,068</b>	<b>5,010</b>	<b>7,078</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	238	0	0	400	42	<b>680</b>
	ACRES	0	1,707,639	0	0	880,862	13	<b>2,588,514</b>
Northwest Area	FIRES	216	163	14	14	1,504	738	<b>2,649</b>
	ACRES	48,900	27,944	89	1	20,600	17,866	<b>115,400</b>
Northern California Area	FIRES	51	34	4	6	1,961	350	<b>2,406</b>
	ACRES	28	5,316	25	1	22,984	15,505	<b>43,859</b>
Southern California Area	FIRES	14	70	9	16	2,715	258	<b>3,082</b>
	ACRES	140	414	2,727	106	16,683	10,905	<b>30,975</b>
Northern Rockies Area	FIRES	690	41	22	11	716	416	<b>1,896</b>
	ACRES	10,624	923	10,026	36	28,471	6,852	<b>56,932</b>
Great Basin Area	FIRES	30	598	8	26	711	351	<b>1,724</b>
	ACRES	134	228,071	18	9	139,822	31,367	<b>399,421</b>
Southwest Area	FIRES	582	182	11	46	549	734	<b>2,104</b>
	ACRES	51,724	6,493	55	8,019	27,823	310,077	<b>404,190</b>
Rocky Mountain Area	FIRES	233	255	1	9	453	240	<b>1,191</b>
	ACRES	2,142	4,158	5,048	29	17,738	8,879	<b>37,994</b>
Eastern Area	FIRES	301	0	8	30	3,502	288	<b>4,129</b>
	ACRES	569	0	52	520	26,286	5,134	<b>32,561</b>
Southern Area	FIRES	242	0	34	44	13,504	221	<b>14,045</b>
	ACRES	22,650	0	2,498	2,303	334,893	13,330	<b>375,674</b>
<b>TOTAL FIRES:</b>		<b>2,359</b>	<b>1,581</b>	<b>111</b>	<b>202</b>	<b>26,015</b>	<b>3,638</b>	<b>33,906</b>
<b>TOTAL ACRES:</b>		<b>136,911</b>	<b>1,980,958</b>	<b>20,539</b>	<b>11,024</b>	<b>1,516,162</b>	<b>419,927</b>	<b>4,085,520</b>

<b>Ten Year Average Fires (2009 – 2018 as of today)</b>	<b>46,140</b>
<b>Ten Year Average Acres (2009 – 2018 as of today)</b>	<b>5,692,673</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://qacc.nifc.gov/>

### Canadian Fires and Hectares

PROVINCES	FIRES YESTERDAY	HECTARES YESTERDAY	FIRES YEAR-TO- DATE	HECTARES YEAR-TO-DATE
BRITISH COLUMBIA	6	1	889	21,152
YUKON TERRITORY	1	9	112	252,911
ALBERTA	2	0	962	883,291
NORTHWEST TERRITORY	0	0	145	101,416
SASKATCHEWAN	0	0	232	47,914
MANITOBA	0	0	277	101,453
ONTARIO	6	1	529	269,757
QUEBEC	1	0	328	10,266
NEWFOUNDLAND	1	0	87	771
NEW BRUNSWICK	1	0	175	224
NOVA SCOTIA	0	0	130	137
PRINCE EDWARD ISLAND	0	0	2	9
NATIONAL PARKS	0	0	70	117,829
TOTALS	18	11	3,938	1,807,130

\*1 Hectare = 2.47 Acres

**Predictive Services Discussion:** Major Hurricane Dorian will continue moving north along the Atlantic Coast of Florida bringing heavy rains, dangerous winds, and significant flooding. Looking west, the Four Corners High will begin to flatten and expand toward the southern Great Plains as a cold front moves into the Pacific Northwest bringing slightly cooler temperatures. Ahead of the front, across the Great Basin, temperatures will be near the century mark and afternoon humidities in the single digits. Monsoonal moisture will allow for scattered wet storms to develop across the southern Great Basin and southern California. Some storms will work their way northward into the Sierra by late in the day. The Great Lakes region will be breezy and cool as a cold front pushes east across southern Ontario and Michigan.

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



# Avoiding Fuel Geysering

Miscellaneous Fireline Hazards

Fuel geysers continue to be reported and the potential for injury is real. In 2018, there were 28 incidents of fuel geysers reported: 23 chainsaws, a leaf blower, and four jerry cans. A fuel geysers can happen on any equipment with a fuel tank including fuel bottles and containers. Even chainsaws with two-way vents may “geyser” at high temperatures or high elevation. User should assume all gas-powered equipment and fuel containers are pressurized.



## Fuel – Know Your Fuel

- Fuel volatility changes seasonally and geographically.
- Think locally. Using fuel from a cooler climate (i.e. Idaho) in a warmer climate (i.e. Texas) increases the geysering potential.
- As elevation increases, boiling point temperatures decreases. 125°F at 8,000 ft. is approximately equivalent to 140°F at 1,000 ft.

## Fuel Bottles and Containers

Fuel bottles (i.e. Sigg bottles), fuel containers (i.e. dolmars or jerry cans) can geysers even after the cap is removed. To mitigate possible fuel geysers and/or potential injury from fuel bottles and cans, use the following procedures:

- Keep containers in the shade and away from any external heat source.
- **Never** open a fuel tank within 20 feet of any heat source.
- **Gently shake the container to release surface tension. Too much agitation will create pressure.**
- Open container slowly, pointing opening away and cover the opening with a cloth and glove.

## Engine Powered Equipment

- **Never** use fuel that was stored in a fuel container for longer than one month. Older fuel may lead to poor engine performance and increased operating temperatures. Older fuel may also have higher volatility for the current conditions.
- **Always** check fuel level in the tank before taking any action. Fuel levels above ½ tank are more likely to geysers.
- **Never** open a fuel tank within 20 feet of any heat source.
- **Only after the above mitigations are completed;** put the equipment in a cleared area, cover the cap with a cloth or glove, and open slowly.

**For more information or if you experience a fuel geysers, see the Fuel Geysers Awareness section at**

<https://www.nwcg.gov/committees/equipment-technology-committee>

**Have an idea? Have feedback? Share it.**

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