

**National Interagency Coordination Center  
Incident Management Situation Report  
Monday, August 8, 2022 – 0730 MDT  
National Preparedness Level 3**

**National Fire Activity:**

Initial attack activity:	Light (85 fires)
New large incidents:	2
Large fires contained:	5
Uncontained large fires: **	35
Area Command teams committed:	0
NIMOs committed:	1
Type 1 IMTs committed:	3
Type 2 IMTs committed:	9
***Complex IMTs committed:	1

\*\*\*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 61 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.

<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	3	725,586	2	1	1	67	-1
NWCC	11	39,205	53	128	19	2,329	-169
ONCC	4	63,407	115	300	15	4,589	-230
OSCC	2	24,230	6	19	4	628	-77
NRCC	12	24,189	31	79	20	1,440	37
GBCC	8	91,837	37	75	16	1,600	51
SWCC	1	345,105	5	5	1	340	-61
RMCC	5	28,685	6	41	3	322	-174
EACC	0	0	0	0	0	0	0
SACC	18	42,455	1	44	3	271	-29
<b>Total</b>	<b>64</b>	<b>1,384,697</b>	<b>256</b>	<b>692</b>	<b>82</b>	<b>11,586</b>	<b>-653</b>

**Northern California Area (PL 3)**

New fires:	14
New large incidents:	0
Uncontained large fires:	10
NIMOs committed	1
Type 1 IMTs committed:	1
Type 2 IMTs committed:	2

**McKinney**, Klamath NF, USFS. IMT 1 (CA Team 2). Fifteen miles northwest of Yreka, CA. Timber, tall grass and brush. Active fire behavior with flanking, backing and creeping. Several communities, numerous residences and infrastructure threatened. Evacuations, area, road and trail closures in effect.

**2022 SRF Lightning Complex** (7 fires), Six Rivers NF, USFS. NIMO (NIMO Team 1) and IMT 2 (CA Team 11). One mile northeast of Willow Creek, CA. Timber and slash. Moderate fire behavior with group torching, uphill runs and running. Several communities, structures and infrastructure threatened. Evacuations, area, road and trail closures in effect.

**Yeti**, Klamath NF, USFS. IMT 2 (CA Team 10). IMT is also managing the Alex fire. Eight miles northeast of Happy Camp, CA. Closed timber litter and timber. Moderate fire behavior with flanking, backing and torching. Several communities, numerous structures and communication infrastructure threatened. Evacuations, area and road closures in effect.

**Alex**, Klamath NF, USFS. Twenty-two miles northwest of Yreka, CA. Closed timber litter and 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			
McKinney	CA-KNF	60,271	162	40	Ctn	8/30	3,266	-271	79	248	5	185	28M	FS
2022 SRF Lightning Complex	CA-SRF	3,495	2,394	0	Ctn	8/27	231	231	8	6	5	0	NR	FS
Yeti	CA-KNF	7,878	308	18	Ctn	8/20	988	-190	24	45	5	0	6.4M	FS
Alex	CA-KNF	151	0	80	Ctn	8/10	104	0	4	1	0	0	350K	FS

**Northwest Area (PL 3)**

New fires:	7
New large incidents:	0
Uncontained large fires:	9
Type 1 IMTs committed:	1
Type 2 IMTs committed:	3

**Windigo**, Umpqua NF, USFS. IMT 2 (NW Team 6). IMT is also managing the Potter fire. Twenty miles southwest of La Pine, OR. Closed timber litter, timber and medium slash. Moderate fire behavior with wind-driven runs, torching and spotting. Area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

**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, torching and spotting. Area, road and trail closures in effect.

**Vantage Highway**, Southeast Region, Washington DNR. IMT 2 (NW Team 12). IMT is also managing the Cow Canyon fire. Five miles west of Vantage, WA. Grass and brush. Minimal fire behavior with creeping and smoldering. Structures threatened. Area closure in effect.

**Cow Canyon**, Southeast Region, Washington DNR. Eleven miles north of Naches, WA. Short grass, timber and brush. Moderate fire behavior with flanking, creeping and smoldering. Structures threatened. Area, road and trail closures in effect.

**Cedar Creek**, Willamette NF, USFS. IMT 1 (PNW Team 2). Fifteen miles east of Oakridge, OR. Timber. Active fire behavior with short crown runs, torching and short-range spotting. Structures threatened. Area, road and trail closures in effect.

**Miller Road**, The Dalles Unit, Oregon DOF. Transfer of command from IMT 2 (NW Team 8) back to the local unit will occur today. Eight miles west of Maupin, OR. Short grass, brush and timber. Minimal fire behavior with creeping and smoldering. Structures and energy infrastructure threatened.

**Williams Lake**, Northeast Region, Washington DNR. Twelve miles south of Cheney, WA. Timber and tall grass. Minimal fire behavior with creeping and smoldering.

**Beech Creek**, Malheur NF, USFS. Nine miles south of Long Creek, OR. Timber and short grass. Moderate fire behavior with creeping, backing and isolated torching. Structures threatened.

**Griffin**, Burns District, BLM. Thirty-six miles northeast of Burns, OR. Brush, tall grass and timber. Active fire behavior.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Windigo	OR-UPF	1,052	6	25	Ctn	10/1	560	139	11	16	9	0	3.7M	FS
Potter	OR-WIF	185	18	0	Ctn	10/30	114	3	3	6	0	0	1.2M	FS
Vantage Highway	WA-SES	32,284	1,284	75	Ctn	8/11	117	-142	2	0	0	4	6.8M	ST
Cow Canyon	WA-SES	5,746	1,113	30	Ctn	8/15	460	128	18	14	1	4	3.7M	ST
Cedar Creek	OR-WIF	1,822	384	0	Ctn	10/1	236	42	4	2	6	0	1.5M	FS
Miller Road	OR-954S	10,847	0	98	Ctn	8/8	274	-132	8	9	0	40	3.5M	ST
Williams Lake	WA-NES	1,868	0	50	Ctn	8/11	290	12	5	44	0	0	2M	ST
Beech Creek	OR-MAF	155	0	69	Ctn	8/10	174	-52	4	9	1	0	1.4M	FS
Griffin	OR-BUD	1,927	0	50	Ctn	8/9	129	-1	3	9	1	0	2.1M	BLM
Riparia	WA-WFS	5,680	280	100	Ctn	---	96	0	0	20	1	0	240K	ST

WFS – Washington State Fire Marshall's Office

### **Northern Rockies Area (PL 3)**

New fires:	5
New large incidents:	0
Uncontained large fires:	3
Type 2 IMTs committed:	2

**Elmo**, Flathead Agency, BIA. IMT 2 (NR Team 7). Eight miles west of Elmo, MT. Grass and timber. Active fire behavior with flanking, backing and group torching. Residences and energy infrastructure threatened. Evacuations, area and road closures in effect.

**Hog Trough**, Bitterroot NF, USFS. IMT 2 (NR Team 5). Seventeen miles southeast of Hamilton, MT. Closed timber litter, timber and heavy slash. Minimal fire behavior with backing, creeping and torching. Area, road and trail closures in effect.

**Matt Staff Road**, Lewis and Clark County. Twelve miles east of Helena, MT. Timber and short grass. Minimal fire behavior with creeping and smoldering. Numerous structures threatened. Area and road closures in effect.

**Busman Road**, Treasure County. Fifty-eight miles east of Billings, MT. Short grass and timber. Minimal fire behavior. Precipitation occurred over the fire area yesterday. Reduction in acreage due to more accurate mapping.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Elmo	MT-FHA	21,327	129	30	Ctn	8/20	616	2	14	35	8	8	10.4M	BIA
Hog Trough	MT-BRF	798	7	41	Comp	10/15	328	20	6	5	3	0	5.2M	FS
Matt Staff Road	MT-LG05	1,587	0	84	Ctn	8/15	190	10	3	18	4	0	2.4M	CNTY
Busman Road	MT-LG33	12,886	-614	88	Ctn	8/9	47	0	1	5	0	0	510K	CNTY
4 Point	MT-CMR	320	0	100	Ctn	---	13	-3	0	3	0	0	20K	FWS
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Redhorn	MT-FHA	343	37	0	Comp	10/1	56	0	2	0	3	0	325K	BIA
Weasel	MT-KNF	1,180	-1,204	0	Comp	9/30	76	-2	2	3	1	0	900K	FS
Clover	MT-BDF	1,099	0	36	Comp	10/30	79	10	3	3	1	0	1.6M	FS
Diamond Watch	ID-IPF	120	---	0	Comp	9/30	24	---	1	1	0	0	153K	FS

CMR – Charles M. Russell National Wildlife Refuge, FWS    KNF – Kootenai NF, USFS    BDF – Beaverhead-Deerlodge NF, USFS  
IPF – Idaho Panhandle NF, USFS

### **Great Basin Area (PL 3)**

New fires: 9  
New large incidents: 0  
Uncontained large fires: 1  
Type 1 IMTs committed: 1

**Moose**, Salmon-Challis NF, USFS. IMT 1 (GB Team 1). Seventeen miles north of Salmon, ID. Timber. Moderate fire behavior with uphill runs, group torching and short-range spotting. Numerous structures 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			
Moose	ID-SCF	68,353	187	16	Ctn	9/15	1,318	42	31	66	10	7	29.3M	FS
Heath Canyon	NV-ELD	423	0	100	Ctn	---	18	0	0	0	1	0	280K	BLM
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Woodtick	ID-SCF	4,971	18	18	Comp	9/15	108	9	3	5	2	0	1.8M	FS
Dismal	ID-PAF	772	---	0	Comp	10/15	9	---	0	0	1	0	26K	FS
Halfway Hill	UT-SCS	11,666	---	90	Comp	10/1	30	---	0	3	0	2	11.6M	ST

Goshute	NV-EKD	1,966	---	90	Comp	9/1	0	---	0	0	0	0	3.2M	BLM
Wolf Fang	ID-SCF	871	---	0	Comp	10/1	1	---	0	0	0	0	31K	FS

ELD – Ely District, BLM    PAF – Payette NF, USFS    SCS – South Central Area, Utah DOF    EKD – Elko District, BLM

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

New fires:	10
New large incidents:	0
Uncontained large fires:	3
Complex IMTs committed:	1

**Fish**, Crook County. Transfer of command from CIMT (RM Team 1) back to the local unit will occur today. Seven miles south of Sundance, WY. Short grass and timber. Minimal fire behavior with creeping, smoldering and isolated torching. Structures threatened.

**Sugarloaf**, Medicine Bow-Routt NF, Thunder Basin National Grassland, USFS. Twenty-five miles northwest of Wheatland, WY. Timber, short grass and brush. Minimal fire behavior. Precipitation occurred over the fire area yesterday.

**Chat Canyon**, Nebraska NF, USFS. Twenty-five miles west of Valentine, NE. Tall grass and timber. Minimal fire behavior with smoldering. Residences threatened. Reduction in acreage due to more accurate mapping.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Fish	WY-CRX	6,793	0	96	Ctn	8/20	251	-192	5	30	3	0	4.9M	CNTY
Sugarloaf	WY-MRF	839	0	60	Ctn	8/17	43	18	1	2	0	0	NR	FS
Chat Canyon	NE-NBF	724	-276	90	Ctn	8/8	17	0	0	6	0	0	150K	FS
Carter Canyon	NE-NES	15,630	38	100	Ctn	---	11	0	0	3	0	13	1.3M	ST

NES – Nebraska Forest Service

### **Southern California Area (PL 2)**

New fires:	16
New large incidents:	0
Uncontained large fires:	1

**Oak**, Mariposa-Merced Unit, Cal Fire. Five miles northeast of Mariposa, CA. Tall grass, chaparral and timber. Minimal fire behavior with 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			
Oak	CA-MMU	19,244	0	94	Ctn	8/10	564	-77	5	15	2	194	84.9M	ST

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

New fires:	23
New large incidents:	2
Uncontained large fires:	7

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Hermits Peak	NM-SNF	341,735	0	98	Ctn	UNK	340	-34	5	5	1	903	287M	FS
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Keystone	AZ-FTA	461	---	20	Comp	10/1	2	---	0	1	0	0	20K	BIA
Dragon	AZ-GCP	1,362	---	0	Comp	9/1	27	---	1	1	0	0	900K	NPS
C-3	AZ-TCA	1,378	---	75	Comp	UNK	136	---	2	3	0	0	1.1M	BIA

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

### **Alaska 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														
Clear	AK-FAS	73,284	0	91	Comp	8/31	51	-1	1	1	1	33	27M	ST
Bean Complex	AK-TAD	212,503	---	98	Comp	10/1	3	---	0	0	0	0	11.7M	ST
Tolstine Creek	AK-SWS	6,652	---	0	Comp	10/31	0	---	0	0	0	0	3K	ST
Hardscrabble Creek	AK-SWS	2,514	---	0	Comp	10/31	0	---	0	0	0	0	3K	ST
Goose	AK-UYD	6,357	---	0	Comp	10/1	8	---	0	0	0	0	60K	FWS
Christian	AK-UYD	4,696	---	0	Comp	9/30	0	---	0	0	0	0	3K	TRI
Kocacho	AK-UYD	5,758	---	0	Comp	10/1	7	---	0	0	0	0	60K	TRI
Dalton Highway Complex	AK-TAD	91,680	---	57	Comp	8/31	0	---	0	0	0	0	7M	BLM
Slathtouka	AK-TAD	7,789	---	90	Comp	9/30	0	---	0	0	0	0	2M	BLM
Paradise Complex	AK-TAD	275,703	---	65	Comp	9/1	6	---	1	0	1	0	2.8M	BLM
Minnkohwin	AK-TAD	7,450	---	0	Comp	10/1	0	---	0	0	0	0	30K	FWS
Bearman	AK-UYD	649	---	0	Comp	10/1	0	---	0	0	0	0	80K	TRI
Middle Tanana Complex	AK-DAS	62,861	---	0	Comp	10/31	1	---	0	0	0	0	3.4M	ST
Poorman Complex	AK-GAD	140,356	---	0	Comp	UNK	65	---	1	0	0	0	135K	BLM
AK-TAD-000532	AK-TAD	5,482	---	0	Comp	9/30	0	---	0	0	0	0	NR	ST
Contact Creek	AK-SWS	10,654	---	0	Comp	10/31	0	---	0	0	0	0	25K	NPS
Minto Lakes	AK-FAS	37,554	---	53	Comp	UNK	10	---	0	0	2	0	9.2M	ST
Chalatna	AK-TAD	661	---	0	Comp	9/30	0	---	0	0	0	0	NR	FWS
East Henshaw	AK-TAD	440	---	0	Comp	9/30	0	---	0	0	0	0	NR	ST
Little Mud	AK-TAD	10,673	---	0	Comp	10/1	0	---	0	0	0	0	NR	TRI
Fort Hamlin Hills	AK-TAD	468	---	0	Comp	9/30	0	---	0	0	0	0	NR	BLM
Middle Fork	AK-FAS	1,245	---	0	Comp	8/15	2	---	0	0	0	0	60K	ST
Eddy Creek	AK-GAD	3,355	---	0	Comp	8/31	0	---	0	0	0	0	5K	BLM
Tagagawik 2	AK-GAD	620	---	0	Comp	8/31	0	---	0	0	0	0	2K	BLM
Apoon Pass	AK-GAD	84,138	---	0	Comp	8/10	0	---	0	0	0	0	55K	FWS
Fish Creek	AK-TAD	1,054	---	0	Comp	8/31	0	---	0	0	0	0	NR	ST

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Adak	AK-SWS	919	---	0	Comp	10/31	0	---	0	0	0	0	NR	FWS

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



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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Northwest Area	FIRES	0	1	0	0	0	6	7
	ACRES	0	0	0	0	0	0	0
Northern California Area	FIRES	0	0	0	0	7	7	14
	ACRES	0	0	0	0	1	117	118
Southern California Area	FIRES	0	0	0	1	13	2	16
	ACRES	0	0	0	0	4	3	7
Northern Rockies Area	FIRES	0	0	0	0	2	3	5
	ACRES	0	0	0	0	1	10	11
Great Basin Area	FIRES	0	4	0	0	3	2	9
	ACRES	0	4	0	0	0	96	101
Southwest Area	FIRES	0	1	0	0	0	0	1
	ACRES	0	0	0	0	0	0	0
Rocky Mountain Area	FIRES	0	0	0	1	4	5	10
	ACRES	0	0	0	0	9	2	11
Eastern Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Southern Area	FIRES	16	0	0	0	7	0	23
	ACRES	113	0	0	0	62	0	175
TOTAL FIRES:		16	6	0	2	36	25	85
TOTAL ACRES:		113	4	0	0	77	229	423

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	179	0	0	336	29	544
	ACRES	0	1,512,454	0	0	1,559,984	10	3,072,448
Northwest Area	FIRES	117	148	19	17	506	273	1,080
	ACRES	1,156	45,170	255	2.2	12,946	2,439	61,969
Northern California Area	FIRES	6	18	4	7	2,030	213	2,278
	ACRES	2	248	20	43	13,981	59,855	74,149
Southern California Area	FIRES	20	34	7	22	2,661	326	3,070
	ACRES	114	295	102	5,268	18,388	2,045	26,212
Northern Rockies Area	FIRES	256	17	3	1	569	172	1,018
	ACRES	24,465	2,103	207	0	7,531	2,412	36,717
Great Basin Area	FIRES	22	411	5	28	517	180	1,163
	ACRES	42	26,071	58	29	35,306	113,174	174,679
Southwest Area	FIRES	380	181	3	24	528	702	1,818
	ACRES	42,946	13,325	0	2,712	159,635	759,646	978,264
Rocky Mountain Area	FIRES	243	241	12	19	927	223	1,665
	ACRES	17,555	5,893	130	596	175,093	10,615	209,881
Eastern Area	FIRES	88	0	20	10	4,915	307	5,340
	ACRES	253	0	680	12	38,637	2,886	42,469
Southern Area	FIRES	724	4	24	62	21,027	595	22,436
	ACRES	99,741	88	5,763	2,926	1,023,332	38,715	1,170,565
<b>TOTAL FIRES:</b>		<b>1,856</b>	<b>1,233</b>	<b>97</b>	<b>190</b>	<b>34,016</b>	<b>3,020</b>	<b>40,412</b>
<b>TOTAL ACRES:</b>		<b>186,273</b>	<b>1,605,647</b>	<b>7,215</b>	<b>11,589</b>	<b>3,044,833</b>	<b>991,796</b>	<b>5,847,353</b>

<b>Ten Year Average Fires (2012 – 2021 as of today)</b>	<b>35,699</b>
<b>Ten Year Average Acres (2012 – 2021 as of today)</b>	<b>3,955,659</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	6	737	546	31,160
YUKON TERRITORY	0	0	271	175,204
ALBERTA	0	0	730	111,820
NORTHWEST TERRITORY	0	6,716	188	381,042
SASKATCHEWAN	0	192	303	223,349
MANITOBA	0	0	119	134,360
ONTARIO	2	0	175	2,415
QUEBEC	1	0	331	29,574
NEWFOUNDLAND	0	5,233	67	11,633
NEW BRUNSWICK	0	0	170	133
NOVA SCOTIA	0	0	113	3,369
PRINCE EDWARD ISLAND	0	0	2	0
NATIONAL PARKS	1	0	49	6,785
TOTALS	10	12,879	3,103	1,110,843

\*1 Hectare = 2.47 Acres

**Predictive Services Discussion:** Hot temperatures of 90-105°F with low afternoon relative humidity of 7-20% are forecast over much of the Inland Northwest into Idaho and western Montana this afternoon. Isolated to scattered mainly dry thunderstorms will develop across far northeast California into south-central and southeast Oregon. Isolated dry thunderstorms are likely to continue overnight in the Oregon Cascades into the Willamette Valley. South winds of 10 to 20 mph with gusts to 35 mph will create areas of elevated fire weather conditions across northwest California as well. Scattered wet monsoonal thunderstorms will develop across the Southwest, southeast California, and western Nevada this afternoon and evening.

Hot temperatures in the 90s are forecast for southern New England and the Mid-Atlantic with dry conditions, but winds will be light with relative humidity above 35%. Scattered showers and thunderstorms will develop ahead of a cold front from the Texas Panhandle through Oklahoma, the Mid-Mississippi, and Ohio Valleys into the eastern Great Lakes. Scattered wet thunderstorms will develop across the Southeast as well.

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



# Propane Tank Safety

## Miscellaneous Fireline Hazards Category

Liquefied Propane Gas (LPG) tanks are commonly found in the wildland urban interface and present hazards to firefighters in that environment. LPG tanks may be found around motor homes, travel trailers, grills, camp stoves, lanterns, etc. Directly attacking LPG tank fires is a structural fire task involving hazardous materials and should only be attempted by trained personnel using full structural personal protective equipment and equipped with a volume of water adequate to safely attack the fire.

### Boiling Liquid Expanding Vapor Explosions (BLEVE)

- The most recognized hazard with LPG tanks is BLEVE or sudden complete failure of the tank. Some training courses have directed responders to approach the tank from the sides, believing that the force of the explosion will occur on the ends of the tank. However, this is not a guarantee that you will be safe from projectiles or missiles from the explosion as they may travel in all directions up to 2,500 feet away. Leave the area immediately if you smell propane, hear a rising sound from venting safety devices, or see discoloration or deformation of the tank. Move at least 2,500 feet away, and do not go downwind or downslope of the leaking propane. BLEVEs are a major hazard to emergency responders!

### Fuel Reduction Around Tanks

- Wildland firefighters may take action to prevent direct flame impingement on LPG tanks by removing wildland fuels in the area. However, be aware that lines from the tank to structures may be above or below ground and may be cut by tools or equipment. Propane gas is heavier than air. It may move along the ground at some distance and may ignite when it reaches open flame or another ignition source. Use extreme caution when doing fuel reduction around tanks and flag any lines you encounter.

### Other Wildland Fire Considerations

- Do not position engines or other apparatus near LPG tanks or downwind/downslope from tanks.
- Do not deploy fire shelters near LPG tanks or downwind or downslope from tanks.

### Cooling Tanks

- In light fuels such as grasses, where any heat exposure to the tank will be very limited, the rapid application of cooling water on the outside of the tank above the liquid level can reduce the likelihood of container failure by lowering the external temperature of the shell of the exposed tank. Water should not be directed at the valve safety devices, due to the potential of icing the valve closed.
- In heavy fuels where long duration heat exposure to the LPG tank is likely, evacuate all personnel and equipment to 2,500 feet away and not downwind or downslope. The National Fire Protection Association (NFPA) says that direct flame impingement protection requires water flow of at least 500 gallons per minute from an unmanned monitor nozzle. This is a situation for properly trained, equipped, and supported structural firefighters.

### References:

Propane Safety, NIOSH, National Propane Gas Association, NFPA, <https://www.npga.org/>

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