

**National Interagency Coordination Center  
Incident Management Situation Report  
Wednesday, July 29, 2020 – 0730 MDT  
National Preparedness Level 3**

**National Fire Activity:**

Initial attack activity:	Moderate (206 new fires)
New large incidents:	3
Large fires contained:	5
Uncontained large fires:***	27
Area Command teams committed:	0
NIMOs committed:	1
Type 1 IMTs committed:	3
Type 2 IMTs committed:	2

Nationally, there are 13 large 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.

NIMO (Houseman) has been assigned to COVID-19 support at Forest Service headquarters in Washington, D.C.

One RC-26 aircraft with Distributed Real-Time Infrared (DRTI) capability and support personnel from the 141st Air Refueling Wing (Washington Air National Guard) has been deployed to Reno, NV, in support of wildland fire operations in the West.

Two MAFFS C-130 airtankers and support personnel from the 146<sup>th</sup> Airlift Wing (California Air National Guard) have been deployed to McClellan Airfield, CA, 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>
AICC	0	0	0	0	0	0
NWCC	7	11,280	25	77	5	1,199
ONCC	10	195,029	143	393	44	6,181
OSCC	5	32,446	10	54	3	605
NRCC	3	12,672	9	18	2	218
GBCC	17	42,609	20	24	14	691
SWCC	8	287,583	1	2	2	65
RMCC	4	4,923	0	7	0	33
EACC	0	0	0	0	0	0
SACC	5	15,447	1	10	2	93
<b>Total</b>	<b>59</b>	<b>601,989</b>	<b>209</b>	<b>585</b>	<b>72</b>	<b>9,085</b>

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

New fires:	91
New large incidents:	0
Uncontained large fires:	10
Type 1 IMTs committed:	3
Type 2 IMTs committed:	1

**Hog**, Lassen-Modoc Unit, Cal Fire. IMT 1 (Cal Fire Team 3). Ten miles west of Susanville, CA. Timber and brush. Minimal fire behavior with creeping and smoldering. Community of Lake Forest and numerous structures threatened. Area and trail closures in effect.

**Gold**, Lassen-Modoc Unit, Cal Fire. IMT 1 (Cal Fire Team 4). Five miles south of Adin, CA. Timber. Minimal fire behavior with smoldering and creeping. Railroad infrastructure and residences threatened. Evacuations, area, road and trail closures in effect.

**July Complex** (4 fires), Modoc NF, USFS. IMT 1 (CA Team 1) and IMT 2 (CA Team 12). Thirty-six miles northwest of Canby, CA. Timber, brush and tall grass. Active fire behavior with running, backing and creeping. Energy and railroad infrastructure, structures and sage-grouse habitat threatened. Evacuations, area, road and trail closures in effect.

**Adams**, Plumas NF, USFS. Five miles south of Doyle, CA. Timber, brush and tall grass. Minimal fire behavior with smoldering. Structures threatened.

**S-4**, Northern California District, BLM. Forty miles northeast of Cedarville, CA. Timber, brush and tall grass. Active fire behavior with wind-driven runs and short-range spotting. Structures and sage-grouse habitat threatened.

**MP 21**, Hoopa Valley Tribe, BIA. Three miles south of Weitchpec, CA. Timber. Minimal fire behavior with smoldering.

**Salmon**, Shasta-Trinity NF, USFS. Sixteen miles east of Weitchpec, CA. Light slash and chaparral. No new information.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Hog	CA-LMU	9,564	19	72	Ctn	8/10	1,647	-183	33	119	13	2	27.6M	ST
Gold	CA-LMU	21,870	0	65	Ctn	8/4	2,151	9	46	145	19	13	19.4M	ST
July Complex	CA-MDF	81,636	15,554	45	Ctn	7/31	1,676	93	44	98	6	6	7.5M	FS
Adams	CA-PNF	918	418	40	Ctn	7/29	335	-64	10	17	4	0	1M	FS
S-4	CA-NOD	1,575	1,075	20	Ctn	8/2	132	91	5	9	1	0	425K	BLM
MP 21	CA-HIA	100	0	90	Ctn	UNK	145	0	2	3	0	0	1.8M	BIA
Salmon	CA-SHF	220	---	0	Ctn	8/14	68	---	2	0	1	0	10K	FS
Badger	CA-SKU	557	0	100	Ctn	---	0	-3	0	0	0	0	4M	ST

SKU – Siskiyou Unit, Cal Fire

### Great Basin Area (PL 3)

New fires: 15  
 New large incidents: 0  
 Uncontained large fires: 3

**Timber Mountain**, Southern Nevada District Office, BLM. Started on DOE land 32 miles north of Amargosa Valley, NV. Brush and tall grass. Active fire behavior with running and backing.

**Cedar**, Elko County. Fifteen miles south of Elko, NV. Timber, brush and short grass. Minimal fire behavior with smoldering.

**Cottonwood**, Humboldt-Toiyabe NF, USFS. Thirty-five miles east of Pahrump, NV. Short grass. Minimal fire behavior. 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			
Timber Mountain	NV-SND	3,800	3,500	0	Ctn	7/31	24	20	0	0	1	0	750K	DOE
Cedar	NV-ECFX	5,990	0	95	Ctn	7/31	157	-61	4	1	1	0	3.9M	CNTY
Cottonwood	NV-HTF	2,817	0	98	Ctn	7/30	20	0	0	0	1	0	5M	FS
Area-16	NV-NTE	3,000	2,700	100	Ctn	---	0	-55	0	0	0	0	250K	DOE
Clover	NV-HUMX	1,127	0	100	Ctn	---	48	-37	2	3	0	0	275K	PRI
Messix Canyon	UT-BRS	889	0	100	Ctn	---	1	-71	0	0	0	0	420K	ST
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Howell Peak	UT-RID	1,885	---	75	Comp	8/1	19	---	0	2	1	0	205K	BLM

NTE – Nevada National Security Site, DOE      HUMX – Humboldt County      BRS – Bear River Area, Utah DOF  
 RID – Richfield Field Office, BLM

### Southern California Area (PL 3)

New fires: 30  
 New large incidents: 1  
 Uncontained large fires: 4

\* **Branch**, San Luis Obispo Unit, Cal Fire. Thirty-one miles east of San Luis Obispo, CA. Tall grass. Active fire behavior. Energy infrastructure and residences threatened. Evacuations and road closures in effect.

**Iris**, Inyo NF, USFS. Three miles south of Aspen Springs, CA. Timber and brush. Minimal fire behavior with smoldering. Area and road closures in effect.

**Cottonwood**, Merced-Mariposa Unit, Cal Fire. Fifteen miles west of Santa Nella, CA. Tall grass. Moderate fire behavior.

**Ridge**, Los Angeles County Fire Department. Twenty-eight miles north of Santa Clarita, 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			
* Branch	CA-SLU	1,550	---	10	Ctn	7/30	84	---	2	14	1	12	200K	ST
Iris	CA-INF	120	0	96	Ctn	7/30	252	-13	4	5	2	0	3.4M	FS
Cottonwood	CA-MMU	788	127	90	Ctn	7/29	100	-5	2	15	0	0	142K	ST

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Ridge	CA-LAC	321	11	77	Ctn	7/31	122	94	2	15	0	0	375K	CNTY

### **Northwest Area (PL 2)**

New fires: 34  
 New large incidents: 1  
 Uncontained large fires: 4  
 Type 2 IMTs committed: 1

**Greenhouse**, Colville Agency, BIA. Transfer of command from IMT 2 (NW Team 6) back to the local unit will occur on 7/31. One mile southwest of Nespelem, WA. Timber, brush and tall grass. Minimal fire behavior with smoldering. Structures threatened. Road closure in effect.

\* **Anglin**, Northeast Region, Washington DNR. Ten miles east of Tonasket, WA. Timber and short grass. Active fire behavior with torching, flanking and backing. Numerous residences threatened. Evacuations in effect.

**Colockum**, Southeast Region, Washington DNR. Started on private land 10 miles southeast of Wenatchee, WA. Brush and short grass. Minimal fire behavior with smoldering. Structures threatened.

**Ben Young**, Lake Unit, Oregon DOF. Thirteen miles south of Paisley, OR. Timber, brush and short grass. No new information.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Greenhouse	WA-COA	5,146	0	74	Ctn	7/31	303	-53	7	13	0	1	2.5M	BIA
* Anglin	WA-NES	1,000	---	0	Ctn	8/1	305	---	7	24	3	2	300K	ST
Colockum	WA-SES	2,967	0	92	Ctn	7/31	46	-179	2	1	0	1	2.4M	PRI
Ben Young	OR-982S	1,249	---	90	Ctn	8/4	272	---	6	9	2	0	2.2M	ST

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

New fires: 10  
 New large incidents: 0  
 Uncontained large fires: 3

**Pine**, Prescott NF, USFS. Sixteen miles east of Cordes Lakes, AZ. Timber. Minimal fire behavior with backing and creeping. Area and trail closures in effect.

**Trementina Canyon**, Las Vegas District, New Mexico State Forestry Division. Fifteen miles northwest of Trementina, NM. Short grass. No new information.

**Horseflat**, Truxton Canyon Agency, BIA. Thirty miles northwest of Peach Springs, AZ. Short grass. No new information.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Pine	AZ-PNF	2,124	0	90	Ctn	8/10	0	0	0	0	0	0	33K	FS
Trementina Canyon	NM-N4S	825	---	97	Ctn	UNK	0	---	0	0	0	0	820K	ST

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Horseflat	AZ-TCA	786	---	60	Ctn	7/30	37	---	1	1	1	0	20K	BIA
Blue River 2	AZ-SCA	28,051	0	100	Ctn	---	0	-3	0	0	0	0	4M	BIA
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Sue Peak	TX-BBP	644	---	75	Comp	7/31	0	---	0	0	0	0	2K	NPS

SCA – San Carlos Agency, BIA      BBP – Big Bend NP, NPS

### **Northern Rockies Area (PL 2)**

New fires: 10  
 New large incidents: 1  
 Uncontained large fires: 2

\* **Magpie Rock**, Flathead Agency, BIA. Eight miles east of Dixon, MT. Timber and tall grass. Active fire behavior with uphill runs and group torching. Structures threatened.

**Clear Creek**, Flathead Agency, BIA. Fifteen miles east of Plains, MT. Timber, brush and tall grass. Minimal fire behavior with smoldering.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Magpie Rock	MT-FHA	450	---	0	Ctn	8/15	150	---	6	6	2	0	250K	BIA
Clear Creek	MT-FHA	354	0	95	Ctn	7/30	2	0	0	1	0	0	90K	BIA

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

New fires: 11  
 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														
Sand Creek	CO-SJF	107	---	60	Comp	8/31	5	---	0	0	0	0	3M	FS
Goose Creek	CO-RGF	171	---	75	Comp	8/15	3	---	0	1	0	0	1.6M	FS

SJF – San Juan NF, USFS      RGF – Rio Grande NF, USFS

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

New fires: 2  
 New large incidents: 0  
 Uncontained large fires: 1

**Monarch**, Texas A&M Forest Service. One hundred miles southwest of San Angelo, TX. Brush and tall grass. Minimal fire behavior with creeping and smoldering. Energy infrastructure threatened.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Monarch	TX-TXS	1,271	0	90	Ctn	7/29	53	-16	1	5	1	0	NR	ST

**Alaska Area (PL 1)**

New fires: 1  
 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														
Sheenjok River	AK-UYD	5,736	---	0	Comp	10/1	0	---	0	0	0	0	144K	FWS
Coleen	AK-UYD	1,542	---	0	Comp	10/1	0	---	0	0	0	0	5K	FWS
Billy Hawk Creek	AK-GAD	2,240	---	95	Comp	9/15	0	---	0	0	0	0	6K	FWS
Wapoo Creek 2	AK-GAD	1,693	---	95	Comp	9/15	0	---	0	0	0	0	3K	ST
Tivehvun Lake	AK-UYD	829	---	0	Comp	10/1	0	---	0	0	0	0	3K	FWS
Old Lost	AK-UYD	477	---	0	Comp	10/1	0	---	0	0	0	0	5K	FWS
Wapoo Creek	AK-GAD	600	---	0	Comp	9/15	0	---	0	0	0	0	10K	ST
Iwaktok Hill	AK-SWS	13,030	---	0	Comp	UNK	0	---	0	0	0	0	3K	FWS
Clear Creek	AK-MID	1,285	---	0	Comp	UNK	0	---	0	0	0	0	10K	BLM

UYD – Upper Yukon Zone, BLM    GAD – Galena Zone, BLM    SWS – Southwest Area, Alaska DOF    MID – Military Zone, BLM

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	0	0	0	1	0	1
	ACRES	0	0	0	0	0	0	0
Northwest Area	FIRES	0	3	1	0	10	20	34
	ACRES	0	250	0	0	6	27	283
Northern California Area	FIRES	0	7	0	11	31	42	91
	ACRES	0	1,709	0	1	54	1,537	3,301
Southern California Area	FIRES	0	2	0	0	25	3	30
	ACRES	0	95	0	0	624	1	720
Northern Rockies Area	FIRES	1	1	0	0	3	5	10
	ACRES	10	1	0	0	1	2	14
Great Basin Area	FIRES	0	6	0	0	4	5	15
	ACRES	0	505	0	0	25	40	570
Southwest Area	FIRES	6	0	1	0	0	3	10
	ACRES	11	0	0	0	0	0	11
Rocky Mountain Area	FIRES	0	4	0	0	5	2	11
	ACRES	0	0	0	0	373	0	373
Eastern Area	FIRES	0	0	0	0	2	0	2
	ACRES	0	0	0	0	4	0	4
Southern Area	FIRES	0	0	0	0	2	0	2
	ACRES	0	0	0	0	32	0	32
<b>TOTAL FIRES:</b>		<b>7</b>	<b>23</b>	<b>2</b>	<b>11</b>	<b>83</b>	<b>80</b>	<b>206</b>
<b>TOTAL ACRES:</b>		<b>21</b>	<b>2,560</b>	<b>0</b>	<b>1</b>	<b>1,119</b>	<b>1,608</b>	<b>5,309</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	134	0	0	162	16	<b>312</b>
	ACRES	0	45,243	0	0	133,950	26	<b>179,219</b>
Northwest Area	FIRES	167	122	45	10	978	329	<b>1,651</b>
	ACRES	7,585	4,754	10,178	1	35,831	701	<b>59,050</b>
Northern California Area	FIRES	8	36	1	28	1,996	365	<b>2,434</b>
	ACRES	102	3,731	0	1,003	45,251	14,479	<b>64,566</b>
Southern California Area	FIRES	17	82	3	17	2,775	384	<b>3,278</b>
	ACRES	28	1,099	1	1,100	23,941	2,177	<b>28,346</b>
Northern Rockies Area	FIRES	697	30	4	1	518	154	<b>1,404</b>
	ACRES	4,862	479	780	1	31,333	378	<b>37,833</b>
Great Basin Area	FIRES	28	588	16	32	683	205	<b>1,552</b>
	ACRES	383	291,031	64	66	91,099	37,581	<b>420,225</b>
Southwest Area	FIRES	630	181	20	25	471	874	<b>2,201</b>
	ACRES	63,149	14,005	1,841	733	43,980	519,243	<b>642,951</b>
Rocky Mountain Area	FIRES	305	219	10	8	627	335	<b>1,504</b>
	ACRES	3,217	33,982	365	48	87,157	3,366	<b>128,135</b>
Eastern Area	FIRES	329	0	33	12	5,953	391	<b>6,718</b>
	ACRES	297	0	3,278	52	20,332	1,587	<b>25,546</b>
Southern Area	FIRES	252	86	23	43	9,463	305	<b>10,172</b>
	ACRES	18,491	404	3,419	32,835	300,563	22,830	<b>378,542</b>
<b>TOTAL FIRES:</b>		<b>2,433</b>	<b>1,478</b>	<b>155</b>	<b>176</b>	<b>23,626</b>	<b>3,358</b>	<b>31,226</b>
<b>TOTAL ACRES:</b>		<b>98,114</b>	<b>394,728</b>	<b>19,926</b>	<b>35,839</b>	<b>813,439</b>	<b>602,370</b>	<b>1,964,416</b>

<b>Ten Year Average Fires (2010 – 2019 as of today)</b>	<b>37,342</b>
<b>Ten Year Average Acres (2010 – 2019 as of today)</b>	<b>3,738,989</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/>

**Prescribed Fires and Acres Yesterday (by Ownership):**

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	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Northern California Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Southern California Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Northern Rockies Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Great Basin Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Southwest Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Rocky Mountain Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Eastern Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Southern Area	FIRES	0	0	0	0	11	1	12
	ACRES	0	0	0	0	83	63	146
<b>TOTAL FIRES:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>1</b>	<b>12</b>
<b>TOTAL ACRES:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83</b>	<b>63</b>	<b>146</b>

\*\*\*Prescribed fire acres are for reference only and may not reflect the most up-to-date information.

\*\*\*Official prescribed fire accomplishment reporting occurs through agency specific systems of record.

### Canadian Fires and Hectares

PROVINCES	FIRES YESTERDAY	HECTARES YESTERDAY	FIRES YEAR-TO-DATE	HECTARES YEAR-TO- DATE
BRITISH COLUMBIA	20	2	240	721
YUKON TERRITORY	1	0	21	15,136
ALBERTA	9	15	415	753,604
NORTHWEST TERRITORY	2	0	63	15,330
SASKATCHEWAN	0	0	88	42,057
MANITOBA	1	0	108	49,217
ONTARIO	25	177	449	6,170
QUEBEC	13	299	625	67,820
NEWFOUNDLAND	5	0	57	2,080
NEW BRUNSWICK	3	0	326	1,138
NOVA SCOTIA	0	4	122	649
PRINCE EDWARD ISLAND	0	0	10	8
NATIONAL PARKS	4	28	37	1,655
TOTALS	83	526	2,561	955,584

\*1 Hectare = 2.47 Acres

**Predictive Services Discussion:** The disturbance responsible for the previous days' convection and associated fire starts will move east across Wyoming into the Great Plains taking a majority of the convection with it. However, isolated dry storms will remain possible across portions of northeastern Oregon. The Four Corners High will strengthen over the Southwest and will amplify northward. This will lead to much warmer temperatures across the Inland West. A dry, southwesterly flow will lead to warm and dry conditions along the West Coast. A stationary front stretching from the Carolinas to Kansas will allow for development of strong afternoon storms along its leading, southern edge. Breezy northwesterly winds and cooler temperatures are expected across the Great Lakes region and New England, as a low pressure area sinks south from Hudson Bay.

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



## Propane Tank Safety

*Miscellaneous Fireline Hazards*

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 in a number of other environments such as 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. If you leave the area, get 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, and 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, 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.

Resources: [Propane Safety Web Site](#), [NIOSH Web Site](#), [National Propane Gas Association's Web Site](#), [NFPA Web Site](#)

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