

**National Interagency Coordination Center**  
**Incident Management Situation Report**  
**Thursday, July 30, 2020 – 0730 MDT**  
**National Preparedness Level 3**

**National Fire Activity:**

Initial attack activity:	Light (156 new fires)
New large incidents:	9
Large fires contained:	2
Uncontained large fires:***	31
Area Command teams committed:	0
NIMOs committed:	1
Type 1 IMTs committed:	3
Type 2 IMTs committed:	3

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.

One MAFFS C-130 airtanker and support personnel each from the 152<sup>nd</sup> Airlift Wing (Nevada Air National Guard) and the 302<sup>nd</sup> Airlift Wing (Colorado Air Force Reserve) have been deployed to McClellan Airfield, CA, in support of wildland fire operations.

Active Incident Resource Summary						
GACC	Incidents	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AICC	0	0	0	0	0	0
NWCC	9	12,960	27	72	5	1,036
ONCC	9	198,252	118	339	37	5,438
OSCC	5	33,918	10	48	4	438
NRCC	4	14,437	12	37	5	365
GBCC	15	39,980	22	31	15	731
SWCC	7	96,155	2	1	2	58
RMCC	4	2,023	0	11	0	47
EACC	0	0	0	0	0	0
SACC	3	1,602	2	13	0	79
<b>Total</b>	<b>56</b>	<b>399,327</b>	<b>193</b>	<b>552</b>	<b>68</b>	<b>8,192</b>

### Northern California Area (PL 3)

New fires:	26
New large incidents:	2
Uncontained large fires:	9
Type 1 IMTs committed:	3
Type 2 IMTs committed:	2

**July Complex** (2 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 creeping, backing and flanking. Energy and railroad infrastructure, structures and sage-grouse habitat threatened. Area, road 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, creeping and single tree torching. Residences threatened. Evacuations, area, road and trail closures in effect.

**Hog**, Lassen-Modoc Unit, Cal Fire. Transfer of command from IMT 1 (Cal Fire Team 3) back to the local unit will occur tomorrow. 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.

\* **Red Salmon Complex**, Six Rivers NF, USFS. Includes previously reported Salmon incident. IMT2 (CA Team 14). Fourteen miles northeast of Willow Creek, CA. Timber. Active fire behavior.

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

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

\* **Clay**, Amador-El Dorado Unit, Cal Fire. Five miles east of Wilton, CA. Tall grass. Extreme fire behavior with short-range spotting.

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

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
July Complex	CA-MDF	83,025	1,389	45	Ctn	7/31	1,695	19	42	103	14	6	12.5M	FS
Gold	CA-LMU	21,870	0	70	Ctn	8/4	1,965	-186	40	140	11	13	20.9M	ST
Hog	CA-LMU	9,564	0	80	Ctn	8/10	1,296	-351	23	79	9	2	30.1M	ST
* Red Salmon Complex	CA-SRF	450	---	0	Ctn	8/28	1	---	0	0	0	0	NR	FS
S-4	CA-NOD	1,850	275	25	Ctn	8/2	122	-10	5	7	1	0	600K	BLM
Adams	CA-PNF	918	0	95	Ctn	7/30	139	-196	4	6	1	0	1.4M	FS
* Clay	CA-AEU	700	---	25	Ctn	UNK	0	0	0	0	0	0	433K	ST
MP 21	CA-HIA	100	0	90	Ctn	UNK	145	0	2	3	0	0	1.8M	BIA

### Great Basin Area (PL 3)

New fires:	13
New large incidents:	1
Uncontained large fires:	4

\* **Bishop**, Ely District Office, BLM. Seventeen miles southwest of Caliente, NV. Timber, brush and short grass. Extreme fire behavior with running and flanking. Railroad infrastructure and structures threatened.

**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		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Total	Chge				Crw	Eng	Heli					
* Bishop	NV-ELD	500	---	0	Ctn	8/5	175	---	4	7	3	0	200K	BLM
Timber Mountain	NV-SND	4,000	200	35	Ctn	7/31	82	58	2	0	3	0	2M	DOE
Cedar	NV-ECFX	5,990	0	95	Ctn	7/31	53	-104	2	1	0	0	3.9M	CNTY
Cottonwood	NV-HTF	2,817	0	98	Ctn	7/30	0	-20	0	0	0	0	450K	FS
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

RID – Richfield Field Office, BLM

### Southern California Area (PL 3)

New fires:	24
New large incidents:	0
Uncontained large fires:	3

**Branch**, San Luis Obispo Unit, Cal Fire. Thirty-one miles east of San Luis Obispo, CA. Tall grass. Minimal fire behavior.

**Ridge**, Los Angeles County Fire Department. Twenty-eight miles north of Santa Clarita, CA. Timber, brush and tall grass. Minimal fire behavior.

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

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Total	Chge				Crw	Eng	Heli					
Branch	CA-SLU	3,022	1,472	75	Ctn	7/30	171	87	6	17	2	12	400K	ST
Ridge	CA-LAC	321	0	88	Ctn	7/31	18	-104	0	5	0	0	450K	CNTY
Iris	CA-INF	120	0	96	Ctn	8/3	102	-150	2	6	2	0	3.7M	FS
Cottonwood	CA-MMU	788	0	100	Ctn	---	100	0	2	15	0	0	142K	ST

MMU – Merced-Mariposa Unit, Cal Fire

## Northwest Area (PL 2)

New fires:	32
New large incidents:	3
Uncontained large fires:	7
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 tomorrow. 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.

\* **Matlock**, Umatilla NF, USFS. Thirteen miles northwest of Ukiah, OR. Timber. Active fire behavior with crowning, torching and running. Structures threatened.

\* **Green**, Northeast Region, Washington DNR. Ten miles northeast of Riverside, WA. Timber and short grass. Minimal fire behavior with smoldering.

**Ben Young**, Lake Unit, Oregon DOF. Thirteen miles south of Paisley, OR. Timber, brush and short grass. Minimal fire behavior with creeping and smoldering. Communication infrastructure and structures threatened. Area, road and trail closures in effect.

\* **Dragon Rock**, Lakeview District, BLM. Thirty miles east of Christmas Valley, OR. Brush and short grass. Minimal fire behavior with creeping and smoldering.

**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.

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	87	Ctn	7/31	274	-29	6	6	0	1	3.2M	BIA
Anglin	WA-NES	1,000	0	50	Ctn	8/1	380	75	9	32	3	3	400K	ST
* Matlock	OR-UMF	150	---	0	Ctn	8/3	147	---	5	7	2	0	650K	FS
* Green	WA-NES	1,480	---	90	Ctn	UNK	21	---	1	0	0	0	250K	ST
Ben Young	OR-982S	1,249	0	90	Ctn	8/4	89	-183	3	8	0	0	2.3M	ST
* Dragon Rock	OR-LAD	300	---	40	Ctn	7/31	41	---	1	5	0	0	160K	BLM
Colockum	WA-SES	2,967	0	94	Ctn	7/31	40	-6	1	4	0	1	2.4M	PRI

## Southwest Area (PL 2)

New fires:	19
New large incidents:	1
Uncontained large fires:	4

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

\* **Walker**, Carlsbad Field Office, BLM. Thirty miles southeast of Carlsbad, NM. Brush and tall grass. Active fire behavior with wind-driven runs. Road closure in effect.

**Trementina Canyon**, Las Vegas District, New Mexico State Forestry Division. Fifteen miles northwest of Trementina, NM. Short grass. Minimal fire behavior. Precipitation occurred over the fire area yesterday.

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

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Chge	Total				Chge	Crw	Eng	Heli				
Pine	AZ-PNF	2,124	0	90	Ctn	8/10	12	12	1	0	0	0	40K	FS
* Walker	NM-CAD	1,000	---	0	Ctn	7/30	0	---	0	0	0	0	30K	BLM
Trementina Canyon	NM-N4S	825	0	99	Ctn	UNK	0	0	0	0	0	0	820K	ST
Horseflat	AZ-TCA	786	---	60	Ctn	7/30	37	---	1	1	1	0	20K	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

BBP – Big Bend NP, NPS

### Northern Rockies Area (PL 2)

New fires: 11

New large incidents: 1

Uncontained large fires: 3

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

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

\* **Whistle Creek**, Sweet Grass County. Seven miles south of Big Timber, MT. Timber. Active fire behavior. Structures threatened.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Chge	Total				Chge	Crw	Eng	Heli				
Magpie Rock	MT-FHA	1,975	1,525	0	Ctn	8/15	176	26	7	6	3	0	350K	BIA
Clear Creek	MT-FHA	354	0	95	Ctn	7/30	0	-2	0	0	0	0	80K	BIA
* Whistle Creek	MT-LG40	100	---	0	Ctn	7/31	93	---	1	15	2	0	45K	CNTY

### Rocky Mountain Area (PL 2)

New fires: 18

New large incidents: 1

Uncontained large fires: 0

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Chge	Total				Chge	Crw	Eng	Heli				
* Buffalo Creek	WY-SHX	326	---	100	Ctn	---	17	---	0	5	0	0	15K	CNTY
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

SHX – Sheridan County

SJF – San Juan NF, USFS

RGF – Rio Grande NF, USFS

**Southern Area (PL 2)**

New fires:	10
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		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Chge	Total				Chge	Total	Crw	Eng	Heli			
Monarch	TX-TXS	1,271	0	90	Ctn	7/30	67	14	2	9	0	0	NR	ST

**Alaska Area (PL 1)**

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

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Chge	Total				Chge	Total	Crw	Eng	Heli			
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Sheenjek 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	18	0	18
Northwest Area	FIREs	1	7	0	0	14	10	32
	ACRES	0	30	0	0	5	3	38
Northern California Area	FIREs	0	0	0	0	23	3	26
	ACRES	0	0	0	0	73	45	118
Southern California Area	FIREs	0	0	0	0	19	5	24
	ACRES	0	0	0	0	3,122	25	3,147
Northern Rockies Area	FIREs	4	0	0	0	5	2	11
	ACRES	148	0	0	0	2	0	150
Great Basin Area	FIREs	2	6	0	0	1	4	13
	ACRES	6	1,019	0	0	0	106	1,131
Southwest Area	FIREs	2	6	0	0	0	11	19
	ACRES	8	796	0	0	0	50	854
Rocky Mountain Area	FIREs	1	5	0	0	9	3	18
	ACRES	0	4	0	0	64	0	68
Eastern Area	FIREs	0	0	0	0	2	0	2
	ACRES	0	0	0	0	6	0	6
Southern Area	FIREs	0	0	0	0	10	0	10
	ACRES	0	0	0	0	56	0	56
<b>TOTAL FIRES:</b>		<b>10</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>84</b>	<b>38</b>	<b>156</b>
<b>TOTAL ACRES:</b>		<b>162</b>	<b>1,849</b>	<b>0</b>	<b>0</b>	<b>3,346</b>	<b>229</b>	<b>5,586</b>

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	134	0	0	163	16	313
	ACRES	0	45,244	0	0	133,968	26	179,238
Northwest Area	FIRES	168	129	45	10	992	339	1,683
	ACRES	7,585	4,785	10,178	1	35,835	826	59,211
Northern California Area	FIRES	8	36	1	28	2,019	368	2,460
	ACRES	102	3,731	0	1,003	45,324	14,524	64,684
Southern California Area	FIRES	17	82	3	17	2,794	389	3,302
	ACRES	28	1,099	1	1,100	27,063	2,202	31,493
Northern Rockies Area	FIRES	701	30	4	1	524	156	1,416
	ACRES	6,535	479	780	1	31,344	378	39,517
Great Basin Area	FIRES	30	594	16	32	687	209	1,568
	ACRES	389	292,217	64	66	90,934	37,687	421,358
Southwest Area	FIRES	631	187	20	25	471	885	2,219
	ACRES	63,153	14,802	1,841	733	43,980	519,293	643,802
Rocky Mountain Area	FIRES	306	225	10	8	637	339	1,525
	ACRES	3,217	33,986	365	48	87,241	3,367	128,224
Eastern Area	FIRES	329	0	33	12	5,955	391	6,720
	ACRES	297	0	3,278	52	20,338	1,586	25,551
Southern Area	FIRES	252	86	23	43	9,523	305	10,232
	ACRES	18,491	404	3,419	32,835	301,943	22,833	379,924
<b>TOTAL FIRES:</b>		<b>2,442</b>	<b>1,503</b>	<b>155</b>	<b>176</b>	<b>23,765</b>	<b>3,397</b>	<b>31,438</b>
<b>TOTAL ACRES:</b>		<b>99,797</b>	<b>396,748</b>	<b>19,926</b>	<b>35,839</b>	<b>817,972</b>	<b>602,724</b>	<b>1,973,005</b>

<b>Ten Year Average Fires (2010 – 2019 as of today)</b>	<b>34,799</b>
<b>Ten Year Average Acres (2010 – 2019 as of today)</b>	<b>3,802,418</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/>

**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	9	0	9
	ACRES	0	0	0	0	869	0	869
<b>TOTAL FIRES:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>9</b>
<b>TOTAL ACRES:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>869</b>	<b>0</b>	<b>869</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	0	0	239	721
YUKON TERRITORY	0	0	21	15,136
ALBERTA	4	10	419	753,614
NORTHWEST TERRITORY	0	3,242	63	18,573
SASKATCHEWAN	1	0	89	42,057
MANITOBA	0	0	108	49,217
ONTARIO	0	1	449	6,171
QUEBEC	2	6	627	67,826
NEWFOUNDLAND	1	0	58	2,080
NEW BRUNSWICK	0	0	326	1,138
NOVA SCOTIA	0	5	122	654
PRINCE EDWARD ISLAND	0	0	10	8
NATIONAL PARKS	0	0	37	1,655
TOTALS	8	3,265	2,568	958,849

\*1 Hectare = 2.47 Acres

**Predictive Services Discussion:** The Four Corners High will intensify further over the West, leading to near-record heat across the Great Basin along with very low humidity. Isolated dry storms will develop over the Columbia Basin and along the Blue Mountains of Oregon mid-afternoon and move north along the eastern slopes of the Washington Cascades during the evening and early overnight hours across areas that are traditionally fire-prone this time of year. Widely scattered wet storms will be possible along and east of the Continental Divide from Alberta south to New Mexico, as moisture from a backdoor cold front banks up against the Rocky Mountain Front. Cooler than average temperatures will be possible across the Great Lakes region and New England, as a broad low pressure area moves east across southeastern Canada.

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



## On A Hillside Where Rolling Material Can Ignite Fuel Below

*Operational Engagement Category*

When firefighters find themselves in **Watch Out Situation #13**, they must answer the following questions:

- Can you locate/construct a line to prevent material from rolling below? What do you call line that catches rolling material? Describe how you would construct this type of line and what factors you would have to consider (e.g., slope, fuels, etc.).
- Will you get enough warning of rolling material to prevent being hit by it? Who needs to be watching for rolling material? What kinds of warning systems could you establish?
- Can you see where any material that rolls below you goes and what it does? What can happen when material rolls out of the fire and below you, out of view? What needs to be done to mitigate this danger?
- Is the area free of large amounts of flashy fuels? Review the [Common Denominators of Tragedy Fires](#).
- Is the area free of chimneys, gullies, and steep slopes? Review the [Common Denominators of Tragedy Fires](#).
- Do you have two escape routes so you can go either way? Talk about where your most likely escape routes and safety zones will be when you are on a hillside where rolling material can ignite fuel below.
- To reduce the risks:
  - Post lookouts.
  - Consider locating line in a defensible position.
  - Talk about steep fires where you have had material rolling out below you and how you dealt with it.

Resources:

[Incident Response Pocket Guide, PMS 461](#)

[Interagency Standards for Fire and Fire Aviation Operations](#)

[Wildland Fire Incident Management Field Guide, PMS 210](#)

Have an idea? Have feedback? Share it.

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