

**National Interagency Coordination Center  
Incident Management Situation Report  
Tuesday, August 13, 2019 – 0530 MT  
National Preparedness Level 3**

**National Fire Activity**

Initial attack activity:	Moderate (208 new fires)
New large incidents:	5
Large fires contained:	6
Uncontained large fires:***	18
Area Command teams committed:	0
NIMOs committed:	0
Type 1 IMTs committed:	1
Type 2 IMTs committed:	7

Nationally, there are 48 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.

<b>Active Incident Resource Summary</b>						
GACC	Incidents	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AICC	6	773,290	6	0	2	260
NWCC	12	66,943	57	91	21	2,194
ONCC	1	1,020	4	0	1	109
OSCC	3	1,928	9	29	3	360
NRCC	14	15,096	29	36	10	1,201
GBCC	23	145,464	41	85	15	1,789
SWCC	12	30,576	6	34	3	326
RMCC	2	257	0	0	0	7
EACC	0	0	0	0	0	0
SACC	7	18,691	0	11	0	65
<b>Total</b>	<b>80</b>	<b>1,053,265</b>	<b>152</b>	<b>286</b>	<b>55</b>	<b>6,311</b>

### Northwest Area (PL 3)

New fires:	17
New large incidents:	0
Uncontained large fires:	8
Type 1 IMTs committed:	1
Type 2 IMTs committed:	2

**Williams Flats**, Colville Agency, BIA. Transfer of command from IMT 2 (NW Team 8) back to the local unit will occur on 8/15. Five miles southeast of Keller, WA. Timber, brush and short grass. Minimal fire behavior with smoldering and creeping. Structures threatened. Area and road closures in effect.

**163 HK Complex** (4 fires), Umatilla NF. Transfer of command from IMT 2 (NW Team 6) back to the local unit will occur tomorrow. Fifteen miles north of Monument, OR. Timber, brush and light logging slash. Minimal fire behavior with creeping, smoldering and isolated torching. Area and road closures in effect. Reduction in acreage due to more accurate mapping.

**Ward**, Lakeview District, BLM. IMT 1 (ODF Team 2). Thirteen miles west of Keno, OR. Timber and brush. Minimal fire behavior with creeping and smoldering. Infrastructure threatened.

**Devore Creek**, Okanogan-Wenatchee NF. Transfer of command from NIMO (Phoenix) back to the local unit occurred yesterday. Three miles southwest of Stehekin, WA. Timber and brush. Last narrative report unless significant activity occurs.

**MP 97**, South Unit, Oregon DOF. One mile south of Canyonville, OR. Timber. Minimal fire behavior.

**E Evans Creek**, Medford Unit, Oregon DOF. Ten miles northwest of Sams Valley, OR. Timber, chaparral and brush. No new information. Last report unless new information is received.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Williams Flats	WA-COA	45,359	689	50	Ctn	8/16	802	-219	16	31	5	3	12.5M	BIA
163 HK Complex	OR-UMF	2,387	-309	78	Ctn	8/31	413	-35	11	8	3	0	3.8M	N/A
Ward	OR-LAD	1,301	0	34	Ctn	8/17	396	48	10	18	9	0	1.9M	BLM
MP 97	OR-732S	13,119	0	95	Ctn	8/18	179	-3	5	10	1	0	20M	ST
Devore Creek	WA-OWF	450	---	0	Comp	11/30	58	---	1	0	2	0	1.1M	FS
E Evans Creek	OR-711S	156	---	70	Ctn	8/15	95	---	6	8	0	1	4.7M	ST
North Mill Creek	WA-COF	429	-26	100	Ctn	---	224	-16	7	13	0	0	900K	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Granite Gulch	OR-WWF	1,750	50	---	Comp	10/31	6	---	0	0	1	0	95K	FS
COF – Colville NF		WWF – Wallowa-Whitman NF												

### Great Basin Area (PL 2)

New fires:	73
New large incidents:	0
Uncontained large fires:	4
Type 2 IMTs committed:	2

**Nethker**, Payette NF. IMT 2 (GB Team 3). Thirty miles northeast of McCall, ID. Timber. Moderate fire behavior with creeping, backing and isolated torching. Numerous structures threatened. Evacuations, area, road and trail closures in effect.

**Cove Creek**, Salmon-Challis NF. Transfer of command from IMT 2 (GB Team 7) back to the local unit will occur tomorrow. Twenty-seven miles northwest of Salmon, ID. Timber and tall grass. Minimal fire behavior with creeping, backing and smoldering. Structures threatened. Trail closures in effect. Precipitation occurred over the fire yesterday.

**Desert Ride**, Idaho Falls District, BLM. Eleven miles west of Rexburg, ID. Brush and short grass. Minimal fire behavior with smoldering. Sage-grouse habitat threatened. Reduction in acreage due to more accurate mapping.

**Corta**, Elko District, BLM. Eight miles southeast of Jiggs, NV. Timber, brush and tall grass. Minimal fire behavior with smoldering, creeping and backing. 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			
Nethker	ID-PAF	2,292	39	56	Ctn	10/1	643	1	17	9	7	0	6.7M	FS
Cove Creek	ID-SCF	4,394	0	58	Ctn	8/30	174	-75	2	3	2	0	3.6M	FS
Desert Ride	ID-IFD	4,776	-2,724	70	Ctn	8/13	44	-33	0	6	0	0	50K	BLM
Corta	NV-EKD	16,526	-363	98	Ctn	8/16	214	-81	6	4	2	0	3.2M	BLM
Main Street	AZ-ASD	338	0	100	Ctn	---	1	-29	0	0	0	0	45K	BLM
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Chippean	UT-MLF	227	126	0	Comp	10/1	113	30	3	2	1	0	407K	FS
Peavine Canyon	UT-MLF	3,904	0	80	Comp	8/15	9	0	0	2	0	0	2.6M	FS
Poison Canyon	UT-MLF	1,105	0	75	Comp	8/15	10	0	0	0	0	0	256K	FS
Alaska	UT-UWF	489	---	66	Comp	8/15	1	---	0	0	0	0	600K	FS
Mammoth	UT-MLF	400	---	10	Comp	10/1	4	---	0	1	0	0	80K	FS
Park Ridge	UT-FIF	160	---	35	Comp	9/15	13	---	0	2	0	0	150K	FS
Shady	ID-SCF	4,300	---	0	Comp	10/31	15	---	1	0	0	0	165K	FS

ASD – Arizona Strip Field Office, BLM    MLF – Manti La Sal NF    UWF – Unita-Wasatch-Cache NF    FIF – Fishlake NF

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

New fires:	12
New large incidents:	0
Uncontained large fires:	3
Type 2 IMTs committed:	2

**Sage**, Charles M. Russell National Wildlife Refuge. Forty-five miles southwest of Malta, MT. Timber and short grass. Minimal fire behavior with single tree torching. Sage-grouse habitat threatened.

**Bunting**, Charles M. Russell National Wildlife Refuge. Fifty-five miles northeast of Winnett, MT. Timber and short grass. Minimal fire behavior. Structures threatened. Precipitation occurred over the fire yesterday.

**Horsefly**, Helena-Lewis and Clark NF. Transfer of command from IMT 2 (NR Team 3) back to the local unit will occur today. IMT is also managing the Nevada Creek and Gleason incidents. Eight miles east of Lincoln, MT. Timber. Minimal fire behavior with smoldering. Area and trail closures in effect. Precipitation occurred over the fire yesterday. Last narrative report unless significant activity occurs.

**CCC**, Cataldo Area Office, IDL. Two miles northeast of Cataldo, ID. Timber and light logging slash. Minimal fire behavior with creeping. Structures threatened. Road and trail closures in effect.

**Beeskove**, Lolo NF. IMT 2 (NR Team 5). Eight miles northeast of Missoula, MT. Timber, short grass and closed timber litter. Minimal fire behavior with creeping. Area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Sage	MT-CMR	4,001	0	65	Ctn	8/16	18	-60	0	3	0	0	500K	FWS
Bunting	MT-CMR	1,169	0	60	Ctn	UNK	18	-2	0	2	0	1	94K	FWS
Horsefly	MT-HLF	1,350	0	55	Comp	9/30	260	-137	8	3	1	0	4.4M	FS
CCC	ID-CAS	528	0	70	Ctn	8/25	274	-2	10	9	0	0	2.4M	ST
Beeskove	MT-LNF	429	0	30	Comp	8/31	333	-3	6	4	6	0	5.7M	FS
Gleason	MT-HLF	15	0	100	Comp	---	9	9	0	0	0	0	180K	FS
Nevada Creek	MT-HLF	57	0	100	Comp	---	24	0	1	0	0	0	3.1M	FS

Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned

Crab	ID-NCF	189	0	0	Comp	10/31	64	-1	1	1	0	0	1.6M	FS
Barren Hill	ID-NCF	581	---	0	Comp	10/31	8	---	0	0	0	0	15K	FS
Snow Creek	MT-FNF	1,561	---	0	Comp	10/31	25	---	0	0	0	0	48K	FS

NCF – Nez-Perce-Clearwater NF    FNF – Flathead NF

### Alaska Area (PL 2)

New fires:	4
New large incidents:	0
Uncontained large fires:	0
Type 2 IMTs committed:	1

**Chalkyitsik Complex** (4 fires), Upper Yukon Zone, BLM. IMT 2 (AK Black Team). IMT is also managing the Cornucopia Complex. Fifteen miles east of Chalkyitsik, AK. 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			
Chalkyitsik Complex	AK-UYD	505,273	0	80	Comp	8/31	80	-105	1	0	0	0	12.2M	N/A
Cornucopia Complex	AK-UYD	95,335	1,338	100	Comp	---	23	-70	1	0	0	0	10.7M	N/A

Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned

Rainbow 2	AK-DAS	19,757	0	70	Comp	12/31	26	1	1	0	0	0	3.3M	ST
Tokaina 2	AK-CRS	2,913	431	0	Comp	9/30	19	-1	1	0	1	0	394K	ST
Swan Lake	AK-KKS	102,229	---	80	Comp	8/31	18	---	0	0	1	0	25.3M	FWS
Lloyd Mountain	AK-TAD	34,433	---	0	Comp	UNK	8	---	0	0	0	0	1.1M	ST
Chetaslina	AK-CRS	2,129	---	0	Comp	8/30	0	---	0	0	0	0	272K	NPS
Grouse Creek	AK-TAD	49,121	---	90	Comp	UNK	24	---	0	0	0	0	2.3M	BLM
Garnet Creek	AK-TAD	8,073	---	90	Comp	UNK	0	---	0	0	0	0	NR	TRI
Hess Creek	AK-UYD	189,369	---	75	Comp	9/1	24	---	0	0	0	3	3M	ST

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Hodatic River	AK-GAD	11,169	---	0	Comp	8/29	0	---	0	0	0	0	10K	FWS
Garfield Creek	AK-GAD	414	---	0	Comp	8/31	0	---	0	0	0	0	5K	ST
Wolf Creek Mountain	AK-GAD	674	---	0	Comp	8/31	0	---	0	0	0	0	5K	FWS
McArthur Creek	AK-TAS	25,174	---	1	Comp	UNK	0	---	0	0	0	1	510K	ST
South Fork Buckland River	AK-GAD	3,237	---	0	Comp	9/30	0	---	0	0	0	0	10K	BLM
Kugruk River 1	AK-GAD	2,707	---	0	Comp	9/1	0	---	0	0	0	0	15K	BLM
Buckland 3	AK-GAD	2,338	---	0	Comp	9/30	0	---	0	0	0	0	NR	BLM
Kateel River	AK-GAD	1,887	---	0	Comp	9/1	0	---	0	0	0	0	NR	BLM
Koyuk River	AK-GAD	892	---	0	Comp	9/30	0	---	0	0	0	0	NR	BLM
East Fork Dennison	AK-TAS	400	---	0	Comp	UNK	0	---	0	0	0	0	3K	ST
North River	AK-GAD	110,451	---	0	Comp	9/1	0	---	0	0	0	0	40K	BLM

DAS – Delta Area, Alaska DOF    CRS – Valdez-Copper River Area, DOF    KKS – Kenai-Kodiak Area, Alaska DOF  
 TAD – Tanana Zone, BLM    GAD – Galena Zone, BLM    TAS – Tok Area, Alaska DOF

### Southern Area (PL 1)

New fires: 25  
 New large incidents: 3  
 Uncontained large fires: 2

\* **Rock Pen**, Oklahoma DOF. Five miles southeast of Cloudy, OK. Timber. Extreme fire behavior with running and torching.

\* **West 7.6**, Arthur R. Marshall/Loxahatchee National Wildlife Refuge, FWS. Eleven miles southwest of Wellington, FL. Southern Rough. Minimal fire behavior with creeping.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Rock Pen	OK-OKS	225	---	60	Ctn	8/14	10	---	0	5	0	0	7K	ST
* West 7.6	FL-LXR	1,025	---	90	Ctn	8/31	0	---	0	0	0	0	15K	FWS
* Salt Lake	TX-BRR	567	---	100	Ctn	---	10	---	0	4	0	0	10K	FWS

BRR – Brazoria National Wildlife Refuge, FWS

### Southwest Area (PL 2)

New fires: 9  
 New large incidents: 1  
 Uncontained large fires: 0

\* **Rawhide**, Lincoln NF. Thirty-two miles southwest of Carlsbad, NM. Timber, brush and short grass. Moderate fire behavior with isolated torching. Last narrative report unless significant activity occurs.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Rawhide	NM-LNF	800	---	0	Comp	8/31	23	---	0	3	0	0	55K	FS

Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Chge	Total				Chge	Crw	Eng	Heli				
Castle	AZ-KNF	19,368	468	95	Comp	9/15	90	1	1	2	3	0	4.3M	FS
Conejos	NM-SNF	500	---	10	Comp	8/17	19	---	1	0	0	0	90K	FS
Ghost	NM-GNF	1,770	---	60	Comp	UNK	0	---	0	0	0	0	30K	FS
Roberts	NM-CIF	5,020	---	80	Comp	8/30	4	---	0	1	0	0	1.1M	FS
Bear	NM-GNF	832	---	95	Comp	UNK	1	---	0	0	0	0	360K	FS
Skid	NM-GNF	165	---	80	Comp	8/31	1	---	0	0	0	0	30K	FS
Black	NM-GNF	1,235	---	74	Comp	UNK	1	---	0	0	0	0	40K	FS

KNF – Kaibab NF   SNF – Santa Fe NF   GNF – Gila NF   CIF – Cibola NF

### Southern California Area (PL 2)

New fires: 21

New large incidents: 1

Uncontained large fires: 1

**Mill**, Los Padres NF. Five miles east of Lucia, CA. Timber, chaparral and tall grass. Minimal fire behavior with smoldering. Area, road and trail closures in effect. Reduction in acreage due to more accurate mapping.

\* **Barstow**, California Desert District, BLM. Eighteen miles northeast of Victorville, CA. Short grass. Moderate fire behavior with wind-driven runs, creeping and backing. Last narrative report unless significant activity occurs.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Chge	Total				Chge	Crw	Eng	Heli				
Mill	CA-LPF	310	-1	98	Ctn	UNK	25	-20	0	1	0	0	5.1M	FS
* Barstow	CA-CDD	685	---	84	Comp	UNK	158	---	4	16	2	0	150K	BLM
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Springs	CA-INF	933	208	13	Comp	9/1	177	0	5	12	1	0	1.9M	FS

INF – Inyo NF

### Rocky Mountain Area (PL 1)

New fires: 11

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	Crw	Eng	Heli				
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Reveille	CO-PSF	219	---	5	Comp	8/30	4	---	0	0	0	0	636K	FS

PSF – Pike and San Isabel NF

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	0	0	0	3	1	4
	ACRES	0	0	0	0	2	0	2
Northwest Area	FIREs	4	3	0	0	3	7	17
	ACRES	3	0	0	0	1	1	5
Northern California Area	FIREs	0	0	0	0	27	8	35
	ACRES	0	0	0	0	43	7	50
Southern California Area	FIREs	0	0	1	0	16	4	21
	ACRES	0	0	0	0	39	50	89
Northern Rockies Area	FIREs	1	0	2	0	4	5	12
	ACRES	0	0	0	0	5	0	5
Great Basin Area	FIREs	0	2	2	0	12	57	73
	ACRES	0	3,406	1	0	1,158	2,129	6,694
Southwest Area	FIREs	4	2	0	0	0	3	9
	ACRES	9	5	0	0	0	779	793
Rocky Mountain Area	FIREs	3	3	0	0	3	2	11
	ACRES	0	8	0	0	4	0	13
Eastern Area	FIREs	0	0	0	0	1	0	1
	ACRES	0	0	0	0	0	0	0
Southern Area	FIREs	1	0	1	0	23	0	25
	ACRES	22	0	1,025	0	137	0	1,184
<b>TOTAL FIRES:</b>		<b>13</b>	<b>10</b>	<b>6</b>	<b>0</b>	<b>92</b>	<b>87</b>	<b>208</b>
<b>TOTAL ACRES:</b>		<b>34</b>	<b>3,419</b>	<b>1,026</b>	<b>0</b>	<b>1,388</b>	<b>2,967</b>	<b>8,834</b>

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	233	0	0	340	33	606
	ACRES	0	1,684,125	0	0	759,182	13	2,443,320
Northwest Area	FIREs	193	155	9	10	904	542	1,813
	ACRES	14,693	27,278	85	1	2,507	7,889	52,453
Northern California Area	FIREs	14	27	4	3	1,614	266	1,928
	ACRES	11	1,840	25	1	21,318	15,375	38,570
Southern California Area	FIREs	10	66	8	12	2,325	227	2,648
	ACRES	97	414	2,726	5	13,862	3,575	20,679
Northern Rockies Area	FIREs	607	28	14	8	547	300	1,504
	ACRES	10,371	809	1,426	35	7,852	4,568	25,061
Great Basin Area	FIREs	24	505	7	21	572	335	1,464
	ACRES	22	192,341	2	8	136,274	21,334	349,981
Southwest Area	FIREs	556	163	8	36	493	656	1,912
	ACRES	48,805	5,795	11	1,301	22,974	265,568	344,454
Rocky Mountain Area	FIREs	192	230	1	9	348	184	964
	ACRES	1,602	1,665	5,048	29	14,789	7,946	31,078
Eastern Area	FIREs	301	0	8	29	3,364	279	3,981
	ACRES	569	0	52	520	25,867	5,576	32,584
Southern Area	FIREs	220	0	33	41	12,075	210	12,579
	ACRES	22,228	0	2,483	2,192	249,477	13,117	289,497
<b>TOTAL FIRES:</b>		<b>2,117</b>	<b>1,407</b>	<b>92</b>	<b>169</b>	<b>22,582</b>	<b>3,032</b>	<b>29,399</b>
<b>TOTAL ACRES:</b>		<b>98,398</b>	<b>1,914,267</b>	<b>11,858</b>	<b>4,093</b>	<b>1,254,103</b>	<b>344,930</b>	<b>3,627,677</b>

Ten Year Average Fires (2009 – 2018 as of today)	41,524
Ten Year Average Acres (2009 – 2018 as of today)	4,671,851

\*\*\*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	11	0	786	19,264
YUKON TERRITORY	0	0	109	252,882
ALBERTA	0	0	943	882,592
NORTHWEST TERRITORY	0	0	142	94,065
SASKATCHEWAN	0	0	223	47,205
MANITOBA	4	13	266	101,418
ONTARIO	6	60	398	266,336
QUEBEC	1	0	268	10,346
NEWFOUNDLAND	2	6	83	775
NEW BRUNSWICK	0	0	153	190
NOVA SCOTIA	1	0	110	129
PRINCE EDWARD ISLAND	0	0	1	9
NATIONAL PARKS	0	0	72	119,823
TOTALS	25	79	3,554	1,795,033

\*1 Hectare = 2.47 Acres

**Predictive Services Discussion:** Scattered storms will be possible across and east of the Continental Divide as a weak disturbance moves east across southwestern Canada and the Northern Rockies. Breezy winds will accompany its passage as far south as Wyoming. Temperatures west-wide will be near seasonal average levels. Showers and storms are expected to redevelop over the Ohio River Valley as a stationary front lingers over the region. A moist and unstable sea breeze will lead to scattered afternoon convection along the northern Gulf coast east of Louisiana. Hot and dry conditions are expected over Texas as the Four Corners High begins to migrate westward again toward New Mexico.

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



## Safety Zones 1 (LCES)

*Operational Engagement Category*

A safety zone is a location where the threatened firefighter can find adequate refuge from an approaching fire.

- What is the difference between a safety zone and a deployment site?
  - The safety zone is the area where a firefighter can survive without using a fire shelter. The deployment site is used when fire conditions are such that escape routes and safety zones have been compromised.
- How do you identify a good safety zone?
  - Consider the distance from the escaped fire as well as topography, winds, fire behavior, and fuels in the area.
  - The best locations are usually "in the black;" those with a minimum of, or devoid of, ground/aerial vegetation; or large bodies of water.
  - Location is scouted and marked well for visibility at all times.
  - Location has been reassessed in relation to line work progress, fatigue, changes in fire behavior, and arrival of additional resources.
  - For radiant heat only, the distance separation between the firefighter and the flames must be at least four times the maximum flame height. This distance must be maintained on all sides, if the fire has ability to burn completely around the safety zone. Convective heat from wind and/or terrain influences will increase this distance requirement.
  - Take advantage of heat barriers such as lee side of ridges, large rocks, or solid structures.
- What should you avoid in selecting a safety zone?
  - Avoid locations that are downwind from the fire.
  - Avoid locations that are in chimneys, saddles, or narrow canyons.
  - Avoid locations that require a steep uphill escape route.

Also see: [Safety Zones 2 \(LCES\)](#)

### References:

["LCES and Other Thoughts" by Paul Gleason](#)  
[Wildland Fire Incident Management Field Guide, PMS 210](#)

### Additional Resources:

[Incident Management Situation Report \(IMSR\)](#)  
[Incident Response Pocket Guide \(IRPG\), PMS 461](#)  
[NWCG Standards for Helicopter Operations, PMS 510](#)  
[RT-130, Wildland Fire Safety Training Annual Refresher \(WFSTAR\)](#)  
[Interagency Standards for Fire and Fire Aviation Operations \(Red Book\)](#)  
[Wildland Fire Lessons Learned Center](#)

Have an idea? Have feedback? Share it.