

**National Interagency Coordination Center  
Incident Management Situation Report  
Friday, August 24, 2018 – 0530 MT  
National Preparedness Level 5**

**National Fire Activity**

Initial Attack Activity:	Light (106 fires)
New large incidents:	11
Large fires contained:	6
Uncontained large fires:**	55
Area Command teams committed:	0
NIMOs committed:	2
Type 1 IMTs committed:	13
Type 2 IMTs committed:	22

Nationally, there are 63 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.

Two hundred thirty-three soldiers from the 14<sup>th</sup> Brigade Engineer Battalion based out of Joint Base Lewis-McChord, Washington are deployed in support of the Mendocino Complex.

One hundred thirty-eight fireline management personnel from Australia and New Zealand are assigned to support large fires in the California and Northwest Areas.

Two MAFFS C-130 airtankers and support personnel from the 152nd Airlift Wing (Nevada Air National Guard), and one from the 146th Airlift Wing (California Air National Guard) have been deployed to McClellan Airfield, CA in support of wildland fire operations.

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 Spokane, WA in support of wildland fire operations in the West.

<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	30	472,075	219	411	63	9,101
ONCC	6	705,840	135	428	34	7,206
OSCC	7	169,407	36	42	15	1,621
NRCC	25	73,262	40	114	15	2,517
GBCC	26	435,155	43	165	28	2,464
SWCC	5	6,688	2	5	0	108
RMCC	7	77,269	21	50	11	1,147
EACC	1	650	0	1	5	38
SACC	5	3,413	0	10	2	49
<b>Total</b>	<b>112</b>	<b>1,943,760</b>	<b>496</b>	<b>1,226</b>	<b>173</b>	<b>24,251</b>

## **Northwest Area (PL 5)**

New fires:	12
New large incidents:	5
Uncontained large fires:	19
Type 1 IMTs committed:	6
Type 2 IMTs committed:	8

**Crescent Mountain**, Okanogan/Wenatchee NF. IMT 1 (Wilkins). IMT is also managing the McLeod and Holman incidents. Eighteen miles west of Winthrop, WA. Timber. Active fire behavior with torching, short crown runs and running. Numerous residences threatened. Evacuations, road, area and trail closures in effect.

**McLeod**, Okanogan/Wenatchee NF. Eight miles north of Mazama, WA. Timber. Active fire behavior with torching and spotting. Numerous residences threatened. Road, area and trail closures in effect.

**Holman**, Okanogan/Wenatchee NF. Nineteen miles northwest of Mazama, WA. Timber. Active fire behavior with flanking, backing and creeping. Structures and communication infrastructure threatened. Road, area and trail closures in effect.

**Watson Creek**, Fremont-Winema NF. IMT 2 (Sheldon). Thirteen miles west of Paisley, OR. Timber and brush. Active fire behavior with group torching, short crown runs and long-range spotting. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

**Cougar Creek**, Okanogan/Wenatchee NF. IMT 1 (Livingston). IMT is also managing the Bannock Lakes incident. Twelve miles northwest of Ardenvoir, WA. Timber, medium logging slash and closed timber litter. Active fire behavior with flanking and backing. Numerous structures threatened. Road, area and trail closures in effect.

**Bannock Lakes**, Okanogan/Wenatchee NF. Fourteen miles southwest of Stehekin, WA. Timber and brush. Minimal fire behavior. Trail closures in effect.

**Boyd's**, Northeast Region, Washington DNR. IMT 2 (Rabe). Three miles west of Kettle Falls, WA. Timber and brush. Active fire behavior with backing, torching and flanking. Numerous structures and communication infrastructure threatened.

**Horns Mountain**, Colville NF. IMT 2 (Goff). Nineteen miles north of Evans, WA. Timber and heavy logging slash. Active fire behavior with backing, torching and spotting. Residences threatened.

**Terwilliger**, Willamette NF. IMT 2 (Sinclair). Five miles southeast of Blue River, OR. Timber. Active fire behavior with flanking, spotting and short-range spotting. Numerous structures threatened. Road, area and trail closures in effect.

**Taylor Creek**, Medford District, BLM. Transfer of command from IMT 1 (T. Kurth) to IMT 2 (Harrod) will occur tomorrow. IMT is also managing the Klondike incident. Ten miles west of Grants Pass, OR. Timber and brush. Minimal fire behavior. Numerous structures threatened. Road, area and trail closures in effect.

**Klondike**, Rogue River-Siskiyou NF. IMT 1 (J. Kurth). Nine miles northwest of Selma, OR. Timber and chaparral. Moderate fire behavior with flanking, isolated torching and backing. Numerous residences threatened. Evacuations, road, area and trail closures in effect.

**Natchez**, Rogue River-Siskiyou NF. IMT 2 (Gales). Fifteen miles southeast of Cave Junction, OR. Timber and chaparral. Moderate fire behavior with backing, torching and flanking. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

**Jennie's Peak 1039 RN**, Central Oregon Rangeland Protection Association. IMT 2 (Knerr). IMT is also managing the Stubblefield 1008 RN and Lonerock 1057 RN incidents. Fourteen miles south of Fossil, OR. Timber, brush and tall grass. Active fire behavior with flanking and uphill runs. Residences threatened. Road and area closures in effect.

**Stubblefield 1008 RN**, Oregon Private Lands. Started on private land seven miles west of Condon, OR. Timber, brush and short grass. Minimal fire behavior. Numerous residences threatened.

**Lonerock 1057 RN**, South Gilliam County Rural Fire Protection District. Eight miles southeast of Condon, OR. Timber, brush and short grass. Minimal fire behavior. Residences threatened.

**Miriam**, Okanogan/Wenatchee NF. IMT 2 (Johnson). Fifteen miles east of Packwood, WA. Timber and brush. Moderate fire behavior with short-range spotting and wind-driven runs. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

**Miles**, Umpqua NF. IMT 1 (Schulte). IMT is also managing the Columbus incident. Five miles northeast of Trail, OR. Timber. Active fire behavior with backing, creeping and single tree torching. Numerous structures and energy infrastructure threatened. Road, area and trail closures in effect. Reduction in acreage due to more accurate mapping.

**Columbus**, Umpqua NF. Fifteen miles east of Tiller, OR. Timber. Active fire behavior with backing and single tree torching. Road and area closures in effect. Reduction in acreage due to more accurate mapping.

**Hendrix**, Rogue River-Siskiyou NF. Previously reported incident. Nine miles southwest of Ashland, OR. Timber and medium logging slash. Minimal fire behavior. Road, area and trail closures.

\* **Ramsey Canyon**, Medford Unit, DOF. ODF IMT 1 (Hessel) mobilizing. Twelve miles north of Eagle Point, OR. Timber, chaparral and short grass. Active fire behavior with backing, group torching and spotting. Numerous structures and energy infrastructure threatened. Evacuations and road closures in effect.

**Kinzua Complex**, John Day Unit, DOF. Twelve miles east of Fossil, OR. Timber, brush and short grass. No new information.

**187 Gilman**, Umatilla NF. Twelve miles northeast of Monument, OR. Timber and short grass. No new information.

**Skyline**, Vale District, BLM. Fifteen miles south of Ironside, OR. Timber and brush. No new information.

\* **Flower**, Mt. Baker-Snoqualmie NF. Twenty-nine miles southeast of Darrington, WA. Timber. Moderate fire behavior with creeping and isolated torching. Last narrative report unless significant activity occurs.

\* **Little Fork**, North Cascades National Park, NPS. Thirty-three miles east of Peaceful Valley, WA. Timber. Active fire behavior with backing, torching and spotting. Last narrative report unless significant activity occurs.

\* **Wrong Creek**, Mt. Baker-Snoqualmie NF. Twenty-four miles southeast of Orting, WA. Medium logging slash and timber. Moderate fire behavior with creeping and isolated torching. Last narrative report unless significant activity occurs.

\* **Buckindy**, Mt. Baker-Snoqualmie NF. Twenty-one miles northeast of Darrington, WA. Timber. Moderate fire behavior with creeping and isolated torching. Last narrative 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			
Crescent Mountain	WA-OWF	36,990	4,135	34	Comp	10/22	404	-39	5	21	7	0	13.4M	FS
McLeod	WA-OWF	19,596	2,224	5	Comp	10/1	564	26	18	36	3	0	2.7M	FS
Holman	WA-OWF	203	103	0	Comp	10/20	0	0	0	0	0	0	1K	FS
Watson Creek	OR-FWF	40,272	4,985	10	Ctn	9/17	758	15	19	46	5	0	5.8M	FS
Cougar Creek	WA-OWF	40,105	897	40	Ctn	9/15	907	-101	22	27	7	0	26.3M	FS
Bannock Lakes	WA-OWF	483	3	0	Comp	12/2	0	0	0	0	0	0	37K	FS
Boyds	WA-NES	3,862	374	58	Ctn	9/1	622	34	17	31	4	4	9.1M	ST

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Horns Mountain	WA-COF	4,403	835	50	Ctn	9/15	565	60	13	12	5	0	6M	FS
Terwilliger	OR-WIF	3,209	1,961	1	Ctn	10/31	266	71	6	9	4	0	680K	FS
Taylor Creek	OR-MED	52,796	19	95	Ctn	9/19	387	-28	10	22	0	0	41.1M	BLM
Klondike	OR-RSF	80,725	1,224	37	Ctn	10/31	1,235	40	23	37	4	0	24.5M	FS
Natchez	OR-RSF	23,417	189	70	Ctn	10/15	471	-11	11	16	6	0	30M	FS
Jennie's Peak 1039 RN	OR-RFPN	41,000	2,000	70	Ctn	8/28	244	17	8	10	1	0	906K	CNTY
Stubblefield 1008 RN	OR-PRI	51,707	4	80	Ctn	8/30	167	-8	3	20	2	2	1.1M	PRI
Lonerock 1057 RN	OR-SGIN	5,056	0	80	Ctn	8/27	25	-49	1	1	0	0	548K	CNTY
Miriam	WA-OWF	4,025	406	30	Ctn	9/30	295	-12	5	9	2	0	10.5M	FS
Miles	OR-UPF	35,310	-145	54	Ctn	9/30	519	-604	10	20	2	2	75M	FS
Columbus	OR-UPF	10,138	-380	55	Ctn	10/1	111	0	3	5	0	0	NR	FS
Hendrix	OR-RSF	1,082	0	95	Ctn	9/30	14	0	0	2	0	0	10.3M	FS
* Ramsey Canyon	OR-711S	1,300	---	15	Ctn	9/10	631	---	14	38	5	0	1M	DOF
Kinzua Complex	OR-952S	619	---	80	Ctn	8/26	197	---	9	11	4	0	1.3M	ST
187 Gilman	OR-UMF	954	---	70	Ctn	8/25	100	---	4	4	0	0	100K	FS
Skyline	OR-VAD	469	---	68	Ctn	8/26	158	---	5	10	2	0	60K	BLM
Milepost 6	OR-OCF	1,500	0	100	Ctn	---	0	0	0	0	0	0	160K	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
* Flower	WA-MSF	100	---	0	Comp	9/15	0	---	0	0	0	0	1K	FS
* Little Fork	WA-NCP	200	---	0	Comp	9/30	0	---	0	0	0	0	5K	NPS
* Wrong Creek	WA-MSF	165	---	0	Comp	10/31	3	---	0	0	0	0	630K	FS
* Buckindy	WA-MSF	120	---	0	Comp	9/15	0	---	0	0	0	0	1K	FS
Arctic Jim	WA-NCP	340	0	0	Comp	9/30	0	0	0	0	0	0	40K	NPS
Maple	WA-OLF	2,152	0	39	Comp	10/31	82	-20	2	3	0	0	3.8M	FS

OCF – Ochoco NF      OLF – Olympic NF

#### **Northern California Area (PL 4)**

New fires:	9
New large incidents:	0
Uncontained large fires:	5
Type 1 IMTs committed:	2
Type 2 IMTs committed:	3

**Stone**, Modoc NF. IMT 2 (Dalrymple). Fourteen miles northwest of Adin, CA. Timber and brush. Active fire behavior with short crown runs, group tree torching and spotting. Numerous structures, energy and communication infrastructure threatened. Evacuations, road, area and trail closures in effect.

**Mendocino Complex**, Mendocino Unit, Cal Fire. Unified Command between Cal Fire IMT 1 (Kavanaugh) and IMT 1 (von Tillow). Five miles south of Potter Valley, CA. Brush, hardwood slash and tall grass. Active fire behavior with group torching, flanking and backing. Numerous structures, energy and communication infrastructure threatened. Evacuations, road, area and trail closures in effect.

**Hirz**, Shasta-Trinity NF. IMT 2 (Coots). Eleven miles east of Lakehead, CA. Timber and chaparral. Active fire behavior with flanking, running and isolated torching. Numerous structures threatened. Evacuations, road and area closures in effect.

**Mill Creek 1**, Hoopa Valley Tribe, BIA. IMT 2 (Chadwick). Four miles southeast of Weitchpec, CA. Timber and chaparral. Active fire behavior with flanking, running and short-range spotting. Numerous residences, energy and communication infrastructure threatened. Road, area and trail closures in effect.

**Carr**, Whiskeytown National Recreation Area, NPS. Four miles south of French Gulch, CA. Brush, tall grass and hardwood litter. Minimal fire behavior. Road, area 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			
Stone	CA-MDF	34,029	3,459	25	Ctn	9/1	971	139	16	90	0	2	9M	FS
Mendocino Complex	CA-MEU	415,685	5,203	74	Ctn	9/1	3,524	85	66	210	21	280	148M	ST
Hirz	CA-SHF	22,047	2,947	17	Ctn	9/1	1,156	-52	28	67	8	0	15M	FS
Mill Creek 1	CA-HIA	2,528	279	42	Ctn	9/5	370	76	7	17	3	0	2.5M	BIA
Carr	CA-WNP	229,651	0	94	Ctn	9/1	1,040	-60	14	32	2	1,604	153M	NPS

#### **Great Basin Area (PL 5)**

New fires:	17
New large incidents:	2
Uncontained large fires:	8
Type 1 IMTs committed:	3
Type 2 IMTs committed:	3

**South Sugarloaf**, Elko County Fire Protection District. IMT 2 (Rohrer). IMT1 (Lund) mobilizing. Twenty miles southwest of Owyhee, NV. Brush and grass. Extreme fire behavior with wind-driven runs, flanking and torching. Numerous structures, energy infrastructure and sage-grouse habitat threatened. Road, area and trail closures in effect.

**Stewart Creek**, Sawtooth NF. Eighteen miles northwest of Fairfield, ID. Timber. Active fire behavior with group torching, running and spotting. Structures and communication infrastructure threatened.

**Rabbit Foot**, Salmon-Challis NF. Transfer of command from IMT 1 (DeMasters) to IMT 2 (Roide) will occur tomorrow. Fourteen miles southwest of Salmon, ID. Timber. Moderate fire behavior with uphill runs, torching and spotting. Numerous structures, communication infrastructure and sage-grouse habitat threatened. Evacuations, road, area and trail closures in effect. Precipitation occurred over the fire area yesterday.

**Goshute Cave**, Ely District Office, BLM. Fifty-five miles north of Ely, NV. Timber, hardwood slash and dormant brush. Extreme fire behavior with wind-driven runs, uphill runs and short-range spotting. Structures and sage-grouse habitat threatened. Road, area and trail closures in effect. Last narrative report unless significant activity occurs.

**Coal Hollow**, Manti-Lasal NF. Transfer of command from IMT 1 (Pechota) to IMT 2 (Fry) will occur today. Fifteen miles southeast of Spanish Fork, UT. Timber and brush. Minimal fire behavior. Residences and energy infrastructure threatened. Evacuations, road, area and trail closures in effect. Precipitation occurred over the fire area yesterday.

**Sheep Creek**, Lander County. Fifteen miles north of Battle Mountain, NV. Brush and tall grass. Minimal fire behavior. Structures, energy infrastructure and sage-grouse habitat threatened.

**Mesa**, Payette NF. Four miles south of Council, ID. Timber, brush and tall grass. Minimal fire behavior. Numerous structures and sage-grouse habitat threatened. Road, area and trail closures in effect.

\* **Old Canyon**, Richfield Field Office, BLM. Six miles west of Mona, UT. Brush and short grass. Minimal fire behavior. Energy infrastructure threatened.

\* **County Line**, Nevada Division of Forestry – Northern Region, DOF. Five miles south of Carlin, NV. Brush and short grass. Extreme fire behavior with running and wind-driven runs. Structures, energy infrastructure and sage-grouse habitat threatened.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
South Sugarloaf	NV-ECFX	92,031	10,906	20	Ctn	8/31	634	204	15	23	7	2	2.6M	CNTY
Stewart Creek	ID-STF	350	210	10	Ctn	9/1	117	8	4	0	4	0	700K	FS
Rabbit Foot	ID-SCF	34,518	0	10	Ctn	10/31	426	-27	3	30	4	0	13.1M	FS
Coal Hollow	UT-MLF	29,912	0	80	Ctn	9/1	428	-70	10	8	3	0	13.4M	FS
Sheep Creek	NV-LANX	59,789	0	90	Ctn	8/25	129	-86	1	9	3	0	2.6M	CNTY
Mesa	ID-PAF	34,719	0	97	Ctn	8/27	149	-10	4	3	1	5	15.1M	FS
* Old Canyon	UT-RID	337	---	80	Ctn	UNK	54	---	2	3	0	0	70K	BLM
* County Line	NV-NNS	2,500	---	5	Ctn	8/28	57	---	0	11	2	0	100K	DOF
Pot Hole	ID-MHQ	4,915	-85	100	Ctn	---	12	-36	0	4	0	0	45K	DOD
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Goshute Cave	NV-ELD	4,485	3,690	0	Comp	10/1	76	72	1	9	1	0	50K	BLM
Bear Trap	UT-UOA	10,250	0	10	Comp	10/31	8	-1	0	0	1	0	1.1M	BIA
Bible Back	ID-STF	202	0	1	Comp	10/31	38	0	1	0	1	0	1M	FS
Sharps	ID-EIS	64,853	0	90	Comp	9/21	6	-22	0	0	0	0	9.4M	ST
Kiwah	ID-SCF	14,603	-834	1	Comp	10/1	15	-2	1	0	0	0	525K	FS
Broad	NV-HTF	543	0	83	Comp	10/31	0	0	0	0	0	0	550K	FS
Willow Creek	UT-UWF	1,311	0	99	Comp	10/11	0	-1	0	0	0	0	838K	FS

UOA – Uintah and Ouray Agency, BIA EIS – Eastern Idaho Area, Idaho Department of Lands

HTF – Humboldt-Toiyabe NF UWF – Uinta/Wasatch-Cache NF

### **Northern Rockies Area (PL 4)**

New fires:	8
New large incidents:	0
Uncontained large fires:	11
NIMOs committed	1
Type 1 IMTs committed:	2
Type 2 IMTs committed:	4

**Howe Ridge**, Glacier National Park, NPS. IMT 1 (Pierson). IMT is also managing the Whale Butte, Paola Ridge, and Coal Ridge incidents. Ten miles north of West Glacier, MT. Timber. Active fire behavior with backing, uphill runs and torching. Structures threatened. Road, area and trail closures in effect. Evacuations have been lifted.

**Whale Butte**, Flathead NF. Forty-five miles north of Kalispell, MT. Timber. Active fire behavior with backing, single tree torching and spotting. Numerous structures threatened. Area closures in effect.

**Paola Ridge**, Flathead NF. Three miles northwest of Essex, MT. Timber and brush. Moderate fire behavior with flanking, creeping and backing. Numerous structures threatened. Road, area and trail closures in effect.

**Coal Ridge**, Flathead NF. Twenty-eight miles north of Kalispell, MT. Timber and brush. Minimal fire behavior. Numerous structures threatened. Road, area and trail closures in effect.

**Gold Hill**, Kootenai NF. Thirteen miles north of Libby, MT. Timber. Active fire behavior with backing, creeping and running. Structures threatened.

**Rattlesnake Creek**, Nez Perce-Clearwater NF. IMT 1 (Day). Five miles southwest of Riggins, ID. Timber and short grass. Active fire behavior with backing, creeping and short-range spotting. Numerous structures, energy and communication infrastructure threatened. Road, area and trail closures in effect.

**Sterling Complex**, (2 fires). Kootenai NF. IMT 2 (Bird). IMT is also managing the Tenmile incident. Eighteen miles south of Eureka, MT. Timber and brush. Active fire behavior with backing, torching and short-range spotting. Numerous structures, energy and communication infrastructure threatened. Road, area and trail closures in effect.

**Tenmile**, Kootenai NF. Nineteen miles south of Eureka, MT. Timber. Minimal fire behavior. Energy and communication infrastructure threatened. Road, area and trail closures in effect.

**Surprise Creek**, Idaho Panhandle NF. NIMO (Houseman). IMT is also managing the Cougar incident. Eighteen miles east of Athol, ID. Timber. Moderate fire behavior with torching and backing. Structures and energy infrastructure threatened. Road, area and trail closures in effect.

**Cougar**, Idaho Panhandle NF. Five miles east of East Hope, ID. Timber and brush. Moderate fire behavior with backing and group torching. Structures and communication infrastructure threatened. Road, area and trail closures in effect.

**Davis**, Kootenai NF. IMT 2 (Almas). Ten miles northwest of Yaak, MT. Timber. Moderate fire behavior with single tree torching, backing and flanking. Structures threatened. Road, area and trail closures in effect.

**Wigwam**, Beaverhead/Deerlodge NF. IMT 2 (Wakoski). IMT is also managing the Monument incident. Fifteen miles southwest of Ennis, MT. Timber. Minimal fire behavior. Energy infrastructure and sage-grouse habitat threatened. Road, area and trail closures in effect.

**Monument**, Beaverhead/Deerlodge NF. Forty-two miles southwest of Ennis, MT. Timber. Minimal fire behavior. Road, area and trail closures in effect.

**Goldstone**, Beaverhead/Deerlodge NF. IMT 2 (Millert). IMT is also managing the Beaver Creek incident. Twelve miles south of Jackson, MT. Timber. Minimal fire behavior. Structures and energy infrastructure threatened. Road, area and trail closures in effect.

**Beaver Creek**, Beaverhead/Deerlodge NF. Eighteen miles northwest of Wisdom, MT. Timber. Minimal fire behavior. Structures threatened. Road, area and trail closures in effect.

**Shellrock**, Central Land Office, Montana DNRC. Twenty-five miles north of Helena, MT. Timber and grass. 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			
Howe Ridge	MT-GNP	10,802	479	10	Ctn	11/1	148	-49	2	19	0	27	2.9M	NPS
Whale Butte	MT-FNF	351	24	0	Comp	9/15	71	22	2	2	0	0	467K	FS
Paola Ridge	MT-FNF	598	20	0	Comp	9/15	90	31	1	8	0	0	861K	FS
Coal Ridge	MT-FNF	280	0	2	Comp	10/1	43	2	0	1	0	0	170K	FS
Gold Hill	MT-KNF	2,349	951	1	Ctn	10/15	210	39	6	8	0	0	1.3M	FS
Rattlesnake Creek	ID-NCF	8,136	0	35	Ctn	9/30	357	26	7	11	3	0	20.6M	FS



Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Sterling Complex	MT-KNF	1,347	82	38	Ctn	9/12	204	8	3	9	1	0	3.6M	FS
Tenmile	MT-KNF	681	0	93	Ctn	8/31	99	-4	1	6	2	0	6.3M	FS
Surprise Creek	ID-IPF	2,734	103	20	Comp	10/10	64	1	1	6	0	0	2.9M	FS
Cougar	ID-IPF	6,655	29	24	Comp	11/30	104	-21	0	6	1	0	2.9M	FS
Davis	MT-KNF	6,452	87	13	Comp	9/15	210	20	2	3	1	0	8.1M	FS
Wigwam	MT-BDF	4,087	0	98	Ctn	9/21	93	-43	2	7	3	0	2.4M	FS
Monument	MT-BDF	6,614	0	32	Ctn	9/21	206	43	3	6	0	0	3M	FS
Goldstone	MT-BDF	9,264	0	7	Ctn	11/1	290	1	3	8	3	0	3.6M	FS
Beaver Creek	MT-BDF	2,067	0	13	Ctn	10/15	52	0	2	1	0	0	534K	FS
Shellrock	MT-CES	500	---	65	Ctn	8/25	28	---	0	0	0	0	1.1M	ST
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Bacon Rind	MT-CGF	2,045	0	16	Comp	10/1	93	1	2	4	1	0	2M	FS
Rampike	ID-IPF	2,500	100	0	Comp	11/30	43	-3	0	1	0	0	646K	FS
Copper Mountain	ID-IPF	454	69	24	Comp	10/31	2	0	0	0	0	0	1.9M	FS
Brownstone	MT-FNF	2,342	422	0	Comp	10/1	8	-4	0	0	0	0	35K	FS
Smith Creek	ID-IPF	951	81	0	Comp	10/31	7	0	0	1	0	0	148K	FS

CGF – Custer/Gallatin NF

#### **Southern California Area (PL 4)**

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

**Donnell**, Stanislaus NF. IMT 2 (Fogle) mobilizing. Five miles west of Dardanelle, CA. Timber and brush. Moderate fire behavior with flanking, group torching and short-range spotting. Numerous structures threatened. Road, area and trail closures in effect. Evacuations have been lifted.

**Lions**, Sierra NF. NIMO (Quesinberry). Seven miles southwest of Mammoth Lakes, CA. Timber and brush. Moderate fire behavior with flanking, backing and isolated torching. Trail closures in effect.

**Holy**, Cleveland NF. Seven miles northeast of Rancho Santa Margarita, CA. Chaparral and tall grass. Minimal fire behavior. Road, area 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			
Donnell	CA-STF	35,288	0	62	Comp	10/31	494	-164	14	13	7	135	24.5M	FS
Lions	CA-SNF	12,790	120	80	Ctn	9/7	198	-25	5	0	6	0	11.5M	FS
Holy	CA-CNF	22,986	0	95	Ctn	8/27	118	-48	3	5	1	24	24.3M	FS
Front	CA-LPF	1,014	78	100	Ctn	---	241	-164	4	8	1	0	3.3M	FS

LPF – Los Padres NF



**Rocky Mountain Area (PL 3)**

New fires: 1  
 New large incidents: 0  
 Uncontained large fires: 5  
 Type 2 IMTs committed: 3

**Silver Creek**, Medicine Bow-Routt NF. IMT 2 (Esperance). Sixteen miles northwest of Kremmling, CO. Timber. Minimal fire behavior. Road, area and trail closures in effect. Evacuations have been lifted. Precipitation occurred over the fire area yesterday.

**Cabin Lake**, White River NF. IMT 2 (Parrish). Sixteen miles southeast of Meeker, CO. Timber and chaparral. Minimal fire behavior. Road, area and trail closures in effect.

**Bull Draw**, Uncompahgre Field Office, BLM. IMT 2 (Greer). Twelve miles northwest of Nucla, CO. Timber. Minimal fire behavior. Structures, energy and communication infrastructure and sage-grouse habitat threatened. Road, area and trail closures in effect.

**Plateau**, San Juan NF. Thirteen miles north of Dolores, CO. Timber. Minimal fire behavior. Road and area closures in effect.

**Lake Christine**, Eagle County. One mile northwest of Basalt, CO. Timber and brush. Minimal fire behavior. Road, area 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			
Silver Creek	WY-MRF	4,745	0	27	Ctn	10/1	412	-173	7	21	2	0	9.9M	FS
Cabin Lake	CO-WRF	5,967	0	75	Ctn	10/3	342	97	10	9	1	0	8.5M	FS
Bull Draw	CO-UPD	30,208	28	32	Ctn	9/15	279	-26	3	14	5	1	9.5M	BLM
Plateau	CO-SJF	19,634	0	95	Ctn	9/30	11	0	0	1	1	0	3.8M	FS
Lake Christine	CO-EAX	12,588	0	90	Ctn	10/31	22	-7	0	2	1	3	17.2M	CNTY
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Cache Creek	CO-WRF	2,703	-5	40	Comp	9/15	78	-17	1	0	1	1	6M	FS
West Guard	CO-SJF	1,424	0	90	Comp	9/6	3	0	0	1	0	0	77K	FS
Spring Creek	CO-CTX	108,045	0	91	Comp	8/30	1	0	0	0	0	225	32M	CNTY
Sugarloaf	CO-ARF	1,260	0	60	Comp	8/31	5	0	0	1	0	0	750K	FS
Burro	CO-SJF	4,593	0	95	Comp	9/1	2	0	0	0	0	1	3.3M	FS
Weston Pass	CO-PSF	13,023	---	93	Comp	9/30	5	---	0	1	0	1	9.6M	FS

CTX – Costilla County    ARF – Arapaho-Roosevelt NF    PSF – Pike-San Isabel NF

**Southern Area (PL 1)**

New fires: 4  
 New large incidents: 3  
 Uncontained large fires: 3

\* **Walker East**, Texas A & M Forest Service. Nine miles northwest of Trinity, TX. Timber. Active fire behavior. Structures threatened.

\* **Walker West**, Texas A & M Forest Service. Nine miles northwest of Trinity, TX. Timber. Active fire behavior. Structures threatened.

\* **Kmas**, Texas A & M Forest Service. Six miles south of Cotulla, TX. Brush. Active fire behavior with group torching and spotting.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Walker East	TX-TXS	764	---	90	Ctn	08/30	24	---	0	6	0	0	1K	ST
* Walker West	TX-TXS	375	---	50	Ctn	08/30	19	---	0	3	2	0	1K	ST
* Kmas	TX-TXS	300	---	10	Ctn	UNK	4	---	0	0	0	0	1K	ST

### **Southwest Area (PL 1)**

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

**Stina**, Kaibab NF. Eighteen miles northwest of North Rim, AZ. Timber. 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			
Stina	AZ-KNF	2,770	---	71	Ctn	9/20	73	---	2	2	0	0	1.2M	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Knob	NM-EMP	542	-8	95	Comp	9/1	3	0	0	1	0	0	69K	NPS
Platypus	AZ-COF	1,008	---	10	Comp	11/30	3	---	0	0	0	0	100K	FS
Rhino	AZ-COF	353	---	10	Comp	11/30	3	---	0	0	0	0	75K	FS
Cholla	AZ-TNF	375	---	90	Comp	8/25	0	---	0	0	0	0	3K	FS
Cerro	NM-RPD	400	---	3	Comp	9/30	7	---	0	1	0	0	60K	BLM
Cat	AZ-KNF	3,688	---	0	Comp	11/15	22	---	0	0	0	0	540K	FS
Obi	AZ-GCP	11,250	---	58	Comp	8/25	47	---	1	4	1	0	250K	NPS
Ranch	AZ-ASF	5,491	---	60	Comp	8/31	3	---	0	1	0	0	160K	FS
Bald	AZ-KNF	340	---	50	Comp	10/31	5	---	0	0	0	0	30K	FS
Stubbs	AZ-PNF	8,500	---	80	Comp	9/30	1	---	0	0	0	0	140K	FS
Hub Point	AZ-ASF	3,500	---	20	Comp	UNK	18	---	0	2	0	0	35K	FS
Bears	AZ-TNF	6,670	-396	100	Comp	---	6	-15	0	1	0	0	990K	FS
Deer	AZ-COF	1,100	300	100	Comp	---	0	0	0	0	0	0	75K	FS
Rose	AZ-SCA	1,100	0	100	Comp	---	0	0	0	0	0	0	NR	BIA

EMP – El Malpais National Monument, NPS  
GCP – Grand Canyon National Park, NPS  
SCA – San Carlos Agency, BIA

COF – Coconino NF  
ASF – Apache-Sitgreaves NF

TNF – Tonto NF

RPD – Rio Puerco Field Office, BLM

PNF – Prescott NF

**Alaska Area (PL 1)**

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														
Dulby Hot Springs	AK-GAD	44,364	0	0	Comp	9/1	0	0	0	0	0	0	39K	BLM
Deniktaw Ridge	AK-GAD	21,418	0	0	Comp	9/1	0	0	0	0	0	0	482K	PRI
Radio Creek	AK-GAD	2,024	0	0	Comp	9/1	0	0	0	0	0	0	4K	BLM
Tahtsaldal Hill	AK-TAS	27,194	---	1	Comp	10/1	0	---	0	0	0	0	1.8M	ST
Kevinjik	AK-UYD	28,394	---	0	Comp	10/1	0	---	0	0	0	0	NR	FWS
White Mountain Creek	AK-TAD	23,311	---	0	Comp	10/1	0	---	0	0	0	0	NR	BLM
Andrew Creek	AK-UYD	8,249	---	0	Comp	10/1	0	---	0	0	0	0	138K	NPS
Lynx Creek	AK-TAD	2,535	---	0	Comp	8/31	0	---	0	0	0	0	NR	ST
Little Melozitna River	AK-TAD	27,221	---	0	Comp	8/31	0	---	0	0	0	0	NR	ST
Dome Creek	AK-UYD	832	---	0	Comp	9/1	0	---	0	0	0	0	NR	NPS
Edwards Creek	AK-UYD	132	---	0	Comp	10/1	0	---	0	0	0	0	NR	NPS
Eureka Creek	AK-UYD	148	---	0	Comp	10/1	0	---	0	0	0	0	NR	NPS
Charley River	AK-UYD	542	---	0	Comp	10/1	0	---	0	0	0	0	NR	NPS
Swift Fork	AK-TAD	6,326	---	0	Comp	10/1	0	---	0	0	0	0	NR	ST
Webber Creek	AK-UYD	6,839	---	0	Comp	10/1	0	---	0	0	0	0	5K	NPS
Zitziana River	AK-TAD	59,097	---	4	Comp	10/1	5	---	0	0	0	0	2.6M	ST
Door Mountains	AK-SWS	10,454	---	0	Comp	UNK	0	---	0	0	0	0	2K	ST

UYD – Upper Yukon Zone, BLM      TAD – Tanana Zone, BLM      GAD – Galena Zone, BLM      TAS – Tok Area, Alaska DOF  
 SWS – Southwest Area, Alaska DOF

**Eastern Area (PL 1)**

New fires: 17  
 New large incidents: 1  
 Uncontained large fires: 1

\* **Moose River West**, Minnesota Department of Natural Resources. Forty miles southwest of Baudette, MN. Timber, brush and tall grass. Active fire behavior with torching and running.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Moose River West	MN-MNS	650	---	30	Ctn	8/27	38	---	0	1	5	0	70K	DNR

**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	0	0	0	0	0	<b>0</b>
	ACRES	0	0	0	0	0	0	<b>0</b>
Northwest Area	FIRES	0	0	0	0	8	4	<b>12</b>
	ACRES	0	0	0	0	5	5,515	<b>5,520</b>
Northern California Area	FIRES	0	0	0	0	9	0	<b>9</b>
	ACRES	273	0	0	0	4,529	5,320	<b>10,122</b>
Southern California Area	FIRES	0	1	0	1	17	3	<b>22</b>
	ACRES	0	6	0	9	1	1,165	<b>1,181</b>
Northern Rockies Area	FIRES	0	1	0	0	2	5	<b>8</b>
	ACRES	0	1	0	0	1	522.2	<b>524</b>
Great Basin Area	FIRES	0	7	0	0	4	6	<b>17</b>
	ACRES	0	5,120	0	0	12,044	142	<b>17,306</b>
Southwest Area	FIRES	4	2	0	0	2	8	<b>16</b>
	ACRES	0	3	0	0	1	1	<b>5</b>
Rocky Mountain Area	FIRES	1	0	0	0	0	0	<b>1</b>
	ACRES	3	0	0	0	0	28	<b>31</b>
Eastern Area	FIRES	0	0	0	0	16	1	<b>17</b>
	ACRES	0	0	0	0	194	0	<b>194</b>
Southern Area	FIRES	0	0	0	0	4	0	<b>4</b>
	ACRES	0	0	0	0	45	0	<b>45</b>
TOTAL FIRES:		<b>5</b>	<b>11</b>	<b>0</b>	<b>1</b>	<b>62</b>	<b>27</b>	<b>106</b>
TOTAL ACRES:		<b>276</b>	<b>5,130</b>	<b>0</b>	<b>9</b>	<b>16,820</b>	<b>12,693</b>	<b>34,928</b>

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	117	0	0	194	25	336
	ACRES	0	360,515	0	0	46,014	61	406,590
Northwest Area	FIRES	260	214	30	31	1,092	692	2,319
	ACRES	20,740	270,265	1,658.7	3,369	22,931	222,247	541,207
Northern California Area	FIRES	69	18	3	34	2,013	347	2,484
	ACRES	2,547	2,882	7	42,981	731,102	126,181	905,701
Southern California Area	FIRES	22	53	4	29	2,746	298	3,152
	ACRES	480	1,423	4	11,430	41,073	164,219	218,629
Northern Rockies Area	FIRES	716	44	4	1	605	344	1,714
	ACRES	5,832	854	2,938	10,803	6,394	44,198	71,020
Great Basin Area	FIRES	32	797	4	30	815	382	2,060
	ACRES	15,424	1,019,414	0	41	341,708	194,487	1,571,075
Southwest Area	FIRES	672	221	9	54	757	1,043	2,756
	ACRES	33,067	5,441	426	17,132	293,107	164,509	513,682
Rocky Mountain Area	FIRES	363	421	8	30	676	349	1,847
	ACRES	3,356	120,706	1,712	271	321,643	160,753	608,441
Eastern Area	FIRES	433	0	7	23	4,163	358	4,984
	ACRES	4,141	0	24	186	27,072	7,255	38,678
Southern Area	FIRES	429	67	41	55	20,124	329	21,045
	ACRES	115,179	310	8,682	20,890	1,190,690	28,327	1,364,079
<b>TOTAL FIRES:</b>		<b>2,996</b>	<b>1,952</b>	<b>110</b>	<b>287</b>	<b>33,185</b>	<b>4,167</b>	<b>42,697</b>
<b>TOTAL ACRES:</b>		<b>200,766</b>	<b>1,781,812</b>	<b>15,451</b>	<b>107,103</b>	<b>3,021,736</b>	<b>1,112,235</b>	<b>6,239,106</b>

<b>Ten Year Average Fires (2008 – 2017 as of today)</b>	<b>45,999</b>
<b>Ten Year Average Acres (2008 – 2017 as of today)</b>	<b>5,087,490</b>

**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	1	0	0	0	0	0	1
	ACRES	35	0	0	0	0	0	35
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	14	0	14
	ACRES	0	0	0	0	664	0	664
<b>TOTAL FIRES:</b>		<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>15</b>
<b>TOTAL ACRES:</b>		<b>35</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>664</b>	<b>0</b>	<b>699</b>

**Prescribed Fires and Acres Year-to-Date (by Ownership)**

Areas		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	<b>FIRES</b>	0	0	3	0	11	1	<b>15</b>
	<b>ACRES</b>	0	0	56	0	36,158	70	<b>36,284</b>
Northwest Area	<b>FIRES</b>	26	29	10	7	0	163	<b>235</b>
	<b>ACRES</b>	4,817	5,546	4,607	414	0	46,032	<b>61,416</b>
Northern California Area	<b>FIRES</b>	2	3	9	16	1	128	<b>159</b>
	<b>ACRES</b>	12	1,792	5,627	1,938	35	18,067	<b>27,471</b>
Southern California Area	<b>FIRES</b>	0	2	3	2	0	130	<b>137</b>
	<b>ACRES</b>	0	90	405	48	0	12,622	<b>13,165</b>
Northern Rockies Area	<b>FIRES</b>	9	14	39	3	4	114	<b>183</b>
	<b>ACRES</b>	3,006	12,437	10,191	12,203	257	14,035	<b>52,129</b>
Great Basin Area	<b>FIRES</b>	2	20	2	4	31	72	<b>131</b>
	<b>ACRES</b>	75	2,287	40	67	2,315	23,125	<b>27,909</b>
Southwest Area	<b>FIRES</b>	14	15	7	4	1	134	<b>175</b>
	<b>ACRES</b>	2,372	12,963	204	836	51	74,431	<b>90,857</b>
Rocky Mountain Area	<b>FIRES</b>	25	38	26	9	85	112	<b>295</b>
	<b>ACRES</b>	2,457	4,070	15,597	263	7,973	46,189	<b>76,549</b>
Eastern Area	<b>FIRES</b>	57	0	151	29	1,094	232	<b>1,563</b>
	<b>ACRES</b>	31,884	0	23,486	7,669	92,460	73,150	<b>228,649</b>
Southern Area	<b>FIRES</b>	73	0	166	38	63,921	987	<b>65,185</b>
	<b>ACRES</b>	18,960	0	141,211	120,830	2,392,625	976,765	<b>3,650,391</b>
<b>TOTAL FIRES:</b>		<b>208</b>	<b>121</b>	<b>416</b>	<b>112</b>	<b>65,148</b>	<b>2,073</b>	<b>68,078</b>
<b>TOTAL ACRES:</b>		<b>63,583</b>	<b>39,185</b>	<b>201,424</b>	<b>144,268</b>	<b>2,531,874</b>	<b>1,284,486</b>	<b>4,264,820</b>

\*\*\* Changes in some agency YTD acres reflect more accurate mapping or reporting adjustments.

\*\*\*Additional wildfire information is available through the Geographic Areas at <http://gacc.nifc.gov/>



### Canadian Fires and Hectares

PROVINCES	FIRES YESTERDAY	HECTARES YESTERDAY	FIRES YEAR-TO-DATE	HECTARES YEAR- TO-DATE
BRITISH COLUMBIA	34	139,891	1,829	751,973
YUKON TERRITORY	0	0	64	74,229
ALBERTA	9	386	1,152	58,588
NORTHWEST TERRITORY	0	0	54	11,271
SASKATCHEWAN	4	1,132	400	116,598
MANITOBA	6	335	444	185,260
ONTARIO	41	759	1,178	246,855
QUEBEC	6	721	558	86,207
NEWFOUNDLAND	1	0	104	517
NEW BRUNSWICK	1	0	243	302
NOVA SCOTIA	0	0	159	243
PRINCE EDWARD ISLAND	0	0	0	0
NATIONAL PARKS	2	0	125	73,369
TOTALS	104	143,223	6,310	1,605,411

\*1 Hectare = 2.47 Acres

**Predictive Services Discussion:** A breezy westerly flow will develop over the Pacific Northwest, Northern Rockies, and the Northern Great Basin, as a weak cold front moves east across Montana. Isolated dry storms will be possible across southwestern and south central Montana in the afternoon. Temperatures across these regions will moderate and perhaps even be below normal in some locations. To the south, the Four Corners high will be centered over Texas. This will allow for monsoonal moisture to work its way north from Mexico into the Fourth Corners. The central Great Basin and California can expect normal, warm, and dry conditions. To the East, a strengthening disturbance will move from Minnesota east toward the Great Lakes, bringing showers and storms. The East will remain hot and dry as high pressure over Georgia and South Carolina suppresses convection, limiting it mainly to Florida in the afternoon. Dry conditions will also be present across the Northeast, as the weak high pressure area to the south extends its influence northward.

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



## Mine Features and Hazards

*Miscellaneous Fireline Hazards*

When working in an area which is known or suspected for past mining activities, be aware of the serious hazards, which may or may not be visible.

- Surface Features at Abandoned Mines: Mine buildings (mill sites, assorted support structures) waste rock dumps, glory holes (large open pits), trenches and shallow pits, tailing piles, other chemical hazards (explosives, 55-gal drums, meth lab supplies)
- Underground Features: Vertical openings-shafts, winzes, raises, ore chutes, stopes, ladders, stulls horizontal openings (often contain an unforeseen vertical component)-adits (single opening) and tunnels (two openings)
- Hazards associated with these features: Rock fall (near portals, highwalls, shaft collars or ore chutes), collapse and entrapment while underground instability or perimeter or overhanging rock slips, trips, and falls (especially down a winze/shaft inside an adit), mine gases (carbon monoxide, hydrogen sulfide, methane, etc) entanglement on wiring and debris within puddles collision between your head and the overlying rock, unknown substances, explosives, blasting caps or chemicals

Resources:

[USFS website about mine safety](#)

USFS Health and Safety Handbook 22.81 (Abandoned and Inactive Operations)

Basic Procedures Mine Safety Training Handbook (National Minerals Training Office, Missoula, MT)

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