

**National Interagency Coordination Center**  
**Incident Management Situation Report**  
**Tuesday, July 12, 2022 – 0730 MDT**  
**National Preparedness Level 3**

**National Fire Activity:**

Initial attack activity:	Light (122 fires)
New large incidents:	8
Large fires contained:	2
Uncontained large fires: **	20
Area Command teams committed:	0
NIMOs committed:	0
Type 1 IMTs committed:	3
Type 2 IMTs committed:	9
***Complex IMTs committed:	0

\*\*\*Complex Incident Management Teams (CIMTs) are configured to respond to large, complex fires and can expand and reduce staffing in all functional areas as necessary to meet the needs of the incident.

Nationally, there are 92 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.

**Active Incident Resource Summary**

GACC	Incidents	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel	Change in Personnel
AICC	15	1,686,946	46	17	20	1,945	138
NWCC	0	0	0	0	0	0	-33
ONCC	2	5,382	18	52	7	963	-357
OSCC	2	5,230	16	36	12	649	104
NRCC	2	355	1	2	1	41	1
GBCC	11	28,585	34	58	20	1,452	157
SWCC	8	749,835	8	11	2	453	-139
RMCC	2	974	4	7	5	224	42
EACC	0	0	0	0	0	0	0
SACC	15	20,073	1	28	6	220	4
<b>Total</b>	<b>57</b>	<b>2,497,380</b>	<b>128</b>	<b>211</b>	<b>73</b>	<b>5,947</b>	<b>-83</b>

## Alaska Area (PL 5)

New fires:	13
New large incidents:	2
Uncontained large fires:	1
Type 1 IMTs committed:	2
Type 2 IMTs committed:	5

**Clear**, Fairbanks Area, Alaska DOF. IMT 2 (NW Team 10). IMT 1 (NR Team 1) mobilizing. Ten miles northwest of Anderson, AK. Timber, hardwood litter and short grass. Moderate fire behavior with creeping and smoldering. Numerous residences threatened. Evacuations in effect. Precipitation occurred over the fire area yesterday.

**Minto Lakes**, Fairbanks Area, Alaska DOF. IMT 1 (CA Team 1). Twenty miles southeast of Minto, AK. Timber and light logging slash. Minimal fire behavior with creeping, backing and smoldering. Residences threatened. Area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

**Bean Complex** (4 fires), Tanana Zone, BLM. IMT 2 (NW Team 7). Started on state land 100 miles west of Fairbanks, AK. Timber and short grass. Moderate fire behavior with backing, flanking and isolated torching. Structures threatened. Evacuations in effect.

**Middle Tanana Complex** (8 fires), Delta Area, Alaska DOF. IMT 2 (NR Team 3). Thirty-two miles northeast of Delta Junction, AK. Timber and brush. Minimal fire behavior with smoldering and creeping. Structures and communication infrastructure threatened. Precipitation occurred over the fire area yesterday.

**Lime Complex** (14 fires), Southwest Area, Alaska DOF. Transfer of command from IMT 2 (AK Green Team) to IMT 2 (NW Team 9) will occur tomorrow. Fifty miles east of Chuathbaluk, AK. Short grass, timber and brush. Moderate fire behavior with smoldering and creeping. Numerous structures, communication and energy infrastructure threatened.

\* **Little Chena River**, Fairbanks Area, Alaska DOF. Twenty-six miles northeast of Fairbanks, AK. Hardwood litter and timber. Extreme fire behavior with crowning, flanking and creeping. Precipitation occurred over the fire area yesterday.

\* **Tolstine Creek**, Southwest Area, Alaska DOF. Forty-three miles northwest of McGrath, AK. Timber. Active fire behavior with flanking and torching. Last narrative report unless significant activity occurs.

**Dalton Highway Complex** (5 fires), Tanana Zone, BLM. Previously reported incident. Twenty-five miles south of Coldfoot, AK. Timber and short grass. No fire behavior received. Infrastructure threatened. Last narrative report unless significant activity occurs.

**Paradise Complex** (5 fires), Tanana Zone, BLM. Six miles southwest of Lake Minchumina, AK. Timber and short grass. Active fire behavior with spotting, flanking and isolated torching. Community of Lake Minchumina threatened. Last narrative report unless significant activity occurs.

**Poorman Complex** (3 fires), Galena Zone, BLM. Previously reported incident. Thirty-eight miles southeast of Ruby, AK. Timber. Active fire behavior with running, wind-driven runs and smoldering. Structures threatened. Last narrative report unless significant activity occurs.

**Slathtouka**, Tanana Zone, BLM. Previously reported incident. Nineteen miles southwest of Allakaket, AK. Timber and short grass. Active fire behavior with wind-driven runs, crowning and short-range spotting. Structures threatened. Precipitation occurred over the fire area yesterday. Last narrative report 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			
Clear	AK-FAS	70,593	845	18	Comp	7/30	553	7	14	13	4	1	12.3M	ST
Minto Lakes	AK-FAS	37,523	0	0	Comp	7/30	291	-18	6	3	2	0	6.1M	ST
Bean Complex	AK-TAD	178,109	5,841	0	Comp	10/1	226	-2	4	0	2	0	5.9M	ST
Middle Tanana Complex	AK-DAS	57,934	7,384	0	Comp	10/31	167	6	4	0	2	0	1.5M	ST
Lime Complex	AK-SWS	857,272	27,643	38	Comp	8/1	157	2	2	0	5	8	9.9M	ST
* Little Chena River	AK-FAS	125	---	5	Ctn	7/24	108	---	4	0	0	0	450K	ST

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

* Tolstine Creek	AK-SWS	350	---	0	Comp	10/31	0	---	0	0	0	0	2K	ST
Dalton Highway Complex	AK-TAD	84,364	1,504	0	Comp	8/31	91	0	1	0	2	0	NR	BLM
Paradise Complex	AK-TAD	250,877	4,194	0	Comp	9/1	74	22	3	0	2	0	1.3M	BLM
Poorman Complex	AK-GAD	101,240	30,433	0	Comp	8/1	96	0	2	0	1	0	NR	BLM
Slathtouka	AK-TAD	8,000	3,700	1	Comp	9/30	61	-2	2	0	0	0	390K	BLM
Goose	AK-UYD	4,838	0	0	Comp	10/1	24	0	1	0	0	0	NR	FWS
Hardscrabble Creek	AK-SWS	1,763	---	0	Comp	8/31	0	---	0	0	0	0	1K	ST
Howling Dog	AK-UYD	5,899	---	0	Comp	9/30	0	---	0	0	0	0	NR	FWS
Heart	AK-TAD	1,085	---	0	Comp	9/30	0	---	0	0	0	0	NR	ST
Grayling	AK-UYD	532	---	0	Comp	9/30	0	---	0	0	0	0	NR	BLM
Flat	AK-TAD	509	---	0	Comp	9/30	0	---	0	0	0	0	NR	BLM
John River	AK-TAD	339	---	0	Comp	9/30	0	---	0	0	0	0	NR	ST
South Fork Kuskokwim	AK-SWS	120	---	0	Comp	10/31	0	---	0	0	0	0	NR	ST
Middle Fork	AK-FAS	1,245	---	0	Comp	8/15	2	---	0	0	0	0	60K	ST
Tatlawiksuk	AK-SWS	225,800	---	0	Comp	10/31	14	---	0	0	1	0	8K	ST
Submarine Creek	AK-SWS	31,258	---	0	Comp	10/31	0	---	0	0	0	24	180K	ST
Lansing Creek	AK-UYD	55,663	---	0	Comp	10/1	0	---	0	0	0	0	NR	FWS
Schilling Creek	AK-UYD	48,510	---	0	Comp	10/1	10	---	0	0	0	0	31K	BLM
North Fork	AK-UYD	48,290	---	0	Comp	10/1	0	---	0	0	0	0	NR	ST
Paddle	AK-UYD	30,301	---	0	Comp	10/1	0	---	0	0	0	0	NR	FWS
Radio Creek	AK-GAD	29,432	---	0	Comp	8/31	0	---	0	0	0	0	30K	BLM
Pack	AK-UYD	24,137	---	0	Comp	10/1	0	---	0	0	0	0	NR	BLM
Hilltop	AK-TAD	10,160	---	0	Comp	10/1	0	---	0	0	0	0	NR	FWS
Koness	AK-UYD	7,195	---	0	Comp	10/1	0	---	0	0	0	0	NR	FWS
Fanny Mountain	AK-UYD	3,544	---	0	Comp	10/1	0	---	0	0	0	0	NR	BLM
Belle	AK-UYD	841	---	0	Comp	9/30	0	---	0	0	0	0	NR	FWS
Runt	AK-UYD	456	---	0	Comp	10/1	0	---	0	0	0	0	NR	BLM
Christian River	AK-UYD	433	---	0	Comp	UNK	0	---	0	0	0	0	NR	TRI
Sinyalak	AK-TAD	413	---	0	Comp	10/1	0	---	0	0	0	0	NF	ST
Sucker	AK-UYD	318	---	0	Comp	9/30	0	---	0	0	0	0	NR	FWS

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Fourth of July Creek	AK-SWS	51,146	---	0	Comp	10/31	0	---	0	0	0	0	68K	ST
Iowithla River	AK-SWS	42,880	---	0	Comp	10/31	0	---	0	0	0	0	198K	ST
Kokwok	AK-SWS	31,497	---	0	Comp	10/31	0	---	0	0	0	0	13K	ST
Sawpit Creek	AK-SWS	26,243	---	0	Comp	10/31	0	---	0	0	0	0	59K	ST
Pauls Creek	AK-SWS	17,948	---	0	Comp	10/31	0	---	0	0	0	0	4K	ST
Contact Creek	AK-SWS	10,654	---	0	Comp	10/31	0	---	0	0	0	0	25K	NPS
Tuklung River	AK-SWS	6,591	---	0	Comp	10/31	0	---	0	0	0	0	20K	FWS
Boatman	AK-UYD	5,250	---	0	Comp	8/31	0	---	0	0	0	0	NR	BLM
Eddy Creek	AK-GAD	3,355	---	0	Comp	8/31	0	---	0	0	0	0	5K	BLM
Ponglevik River	AK-SWS	3,081	---	0	Comp	10/31	0	---	0	0	0	0	4K	FWS
Fork Creek	AK-SWS	2,741	---	0	Comp	10/31	0	---	0	0	0	0	7K	FWS
Waterfall	AK-UYD	2,467	---	0	Comp	10/1	0	---	0	0	0	0	NR	TRI
Biederman	AK-UYD	1,568	---	0	Comp	10/1	22	---	0	0	0	0	30K	NPS
Ongoke River	AK-SWS	1,426	---	0	Comp	10/31	0	---	0	0	0	0	NR	FWS
Ongivinuk River	AK-SWS	735	---	10	Comp	10/31	0	---	0	0	0	0	2K	ST
Tagagawik 2	AK-GAD	620	---	0	Comp	8/31	0	---	0	0	0	0	2K	BLM
Holonada	AK-TAD	613	---	0	Comp	10/1	0	---	0	0	0	0	NR	BLM
Salmon	AK-UYD	488	---	0	Comp	10/1	0	---	0	0	0	0	NR	BLM
Melozitna	AK-GAD	6,491	---	0	Comp	8/24	0	---	0	0	0	0	15K	BLM
Apoon Pass	AK-GAD	84,138	---	0	Comp	8/10	0	---	0	0	0	0	55K	FWS
Fish Creek	AK-TAD	1,054	---	0	Comp	8/31	0	---	0	0	0	0	NR	ST
Adak	AK-SWS	919	---	0	Comp	10/31	0	---	0	0	0	0	NR	FWS

UYD - Upper Yukon Zone, BLM

### Great Basin Area (PL 3)

New fires:	8
New large incidents:	0
Uncontained large fires:	5
Type 2 IMTs committed	2

**Halfway Hill**, South Central Area, Utah DOF. IMT 2 (GB Team 4). Three miles southeast of Fillmore, UT. Timber and chaparral. Moderate fire behavior with uphill runs, backing and group torching. Residences and communication infrastructure threatened. Evacuations, area, road and trail closures in effect.

**Jacob City**, Northwest Area, Utah DOF. IMT 2 (GB Team 5) mobilizing. Three miles southeast of Stockton, UT. Timber, tall grass and brush. Active fire behavior with flanking, running and group torching. Structures threatened. Evacuations, area, road and trail closures in effect.

**Becky Peak**, Ely District Office, BLM. Thirty-nine miles northeast of McGill, NV. Timber, brush and chaparral. Moderate fire behavior with creeping, smoldering and isolated torching. Sage-grouse habitat threatened.

**Dry Creek**, Central Area, Utah DOF. Four miles southeast of Oak City, UT. Short grass and brush. Minimal fire behavior with creeping, smoldering and isolated torching.

**Annie**, Boise District, BLM. Thirty-six miles southwest of Grand View, ID. Medium slash and short grass. Minimal fire behavior with creeping and smoldering.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Halfway Hill	UT-SCS	10,141	2,183	0	Ctn	7/24	335	57	7	12	5	1	979K	ST
Jacob City	UT-NWS	4,094	318	19	Ctn	7/24	244	80	6	8	5	0	2.7M	ST
Becky Peak	NV-ELD	5,989	0	25	Ctn	7/16	201	26	6	10	2	0	500K	BLM
Dry Creek	UT-SCS	1,824	0	60	Ctn	7/18	180	3	5	16	1	0	312K	ST
Annie	ID-BOD	108	0	75	Ctn	UNK	49	-9	2	0	1	0	255K	ST
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Goshute	NV-EKD	1,966	---	85	Comp	7/18	142	---	4	1	3	0	2.8M	BLM

EKD - Elko District, BLM

### Northern California Area (PL 2)

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

**Electra**, Amador-EI Dorado Unit, Cal Fire. Transfer of command from IMT 1 (Cal Fire Team 3) back to the local unit will occur today. Four miles southwest of Jackson, CA. Brush, short grass and timber. Minimal fire behavior with smoldering. Numerous residences threatened. Road closures in effect.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Electra	CA-AEU	4,478	0	93	Ctn	7/16	861	-357	15	50	6	0	18M	ST

### Southern California Area (PL 2)

New fires:	26
New large incidents:	0
Uncontained large fires:	1
Type 2 IMTs committed:	1

**Washburn**, Yosemite NP, NPS. IMT 2 (CA Team 13). Three miles southeast of Wawona, CA. Timber, closed timber litter and brush. Active fire behavior with short crown runs, backing and spotting. Community of Wawona threatened. Evacuations, area, road and trail closures in effect.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Washburn	CA-YNP	2,720	676	22	Ctn	7/31	649	104	16	36	12	0	2.8M	NPS

## Southwest Area (PL 2)

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

**Hermits Peak**, Santa Fe NF, USFS. IMT 2 (SW Team 4). Twelve miles northwest of Las Vegas, NM. Hardwood litter and timber. Minimal fire behavior with smoldering. Area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

**Mesa**, Apache-Sitgreaves NF, USFS. Eight miles northwest of Forest Lakes, AZ. Timber. Moderate fire behavior with backing and flanking. Precipitation occurred over the fire area yesterday.

**Pipeline**, Coconino NF, USFS. Five miles north of Flagstaff, AZ. Timber, brush and grass. Minimal fire behavior with smoldering. 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			
Hermits Peak	NM-SNF	341,735	0	93	Ctn	7/31	308	-73	4	6	1	903	278M	FS
Mesa	AZ-ASF	2,800	1,600	25	Ctn	7/22	83	-40	2	4	1	0	150K	FS
Pipeline	AZ-COF	26,532	0	90	Ctn	7/31	4	-28	0	0	0	2	17M	FS
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Adobe	AZ-A5S	1,637	---	0	Comp	7/20	2	---	0	0	0	0	20K	ST

A5S – Northwest District, Arizona DOF

## Southern Area (PL 2)

New fires:	18
New large incidents:	5
Uncontained large fires:	7

\* **Spade Ranch**, Texas A&M Forest Service. Started on private land 19 miles southeast of Colorado City, TX. Tall grass and brush. Active fire behavior with smoldering and backing.

\* **Hot Blue Stem**, Brazoria National Wildlife Refuge, FWS. Nine miles northeast of Richwood, TX. Tall grass. Active fire behavior with wind-driven runs, running and flanking.

\* **Nethery Road**, Texas A&M Forest Service. Started on private land 17 miles southwest of Junction, TX. Tall grass and brush. Active fire behavior with running, short-range spotting and group torching. Structures threatened.

\* **Dry Rice**, Texas A&M Forest Service. Started on private land four miles southeast of Columbus, TX. Tall grass and brush. Moderate fire behavior. Structures threatened.

**Blanket**, Texas A&M Forest Service. Started on private land 15 miles southwest of Falfurrias, TX. Short grass and brush. Moderate fire behavior. Structures threatened.

**Deerhead**, Texas A&M Forest Service. Started on private land seven miles northwest of Seymour, TX. Tall grass and brush. Minimal fire behavior.

**Hard Castle**, Texas A&M Forest Service. Started on private land six miles north of Meridian, TX. Tall grass and brush. Minimal fire behavior. Residences threatened. Evacuations in effect. Reduction in acreage due to more accurate mapping.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Spade Ranch	TX-TXS	500	---	40	Ctn	7/15	17	---	0	3	1	0	NR	PRI
* Hot Blue Stem	TX-BRR	2,450	---	95	Ctn	7/12	1	---	0	0	0	0	10K	FWS
* Nethery Road	TX-TXS	300	---	10	Ctn	7/18	42	---	0	3	0	0	nr	PRI
* Dry Rice	TX-TXS	300	---	60	Ctn	7/18	14	---	0	0	1	0	NR	PRI
Blanket	TX-TXS	5,450	950	70	Ctn	7/14	24	5	0	1	3	0	NR	PRI
Deerhead	TX-TXS	500	0	75	Ctn	7/15	33	16	1	5	0	0	NR	PR
Hard Castle	TX-TXS	540	-60	70	Ctn	7/14	14	-8	0	1	1	1	NR	PRI
* Brushy Creek	OK-OKS	268	---	100	Ctn	---	2	---	0	1	0	0	2K	ST

OKS – Oklahoma DOF

### Rocky Mountain Area (PL 2)

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

**Monday Creek**, Medicine Bow-Routt NF, Thunder Basin National Grassland, USFS. Thirty-three miles northwest of Wheatland, WY. Timber. Minimal fire behavior with creeping, backing and single tree torching. Structures threatened. Reduction in acreage due to more accurate mapping.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Monday Creek	WY-MRF	653	-30	0	Ctn	7/20	224	42	4	7	5	0	780K	FS
* Kortes	WY-CAX	321	---	100	Ctn	---	0	---	0	0	0	0	NR	CNTY

CAX – Carbon County

### Northern Rockies Area (PL 1)

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

**Wilks Gulch**, Flathead Agency, BIA. Two miles east of Hot Springs, MT. Grass and brush. 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			
Wilks Gulch	MT-FHA	355	0	60	Ctn	7/12	40	0	1	2	1	0	106K	BIA

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	7	0	0	6	0	13
	ACRES	0	117,783	0	0	45,806	0	163,589
Northwest Area	FIREs	1	3	0	0	7	5	16
	ACRES	0	1	0	0	0	2	4
Northern California Area	FIREs	0	0	0	0	12	2	14
	ACRES	0	0	0	0	18	0	18
Southern California Area	FIREs	0	0	0	0	25	1	26
	ACRES	0	0	0	0	53	0	53
Northern Rockies Area	FIREs	0	1	0		6	2	9
	ACRES	0	5	0		5	0	10
Great Basin Area	FIREs	0	1	0	0	6	1	8
	ACRES	0	3	0	0	1	4	8
Southwest Area	FIREs	0	0	0	0	3	6	9
	ACRES	0	0	0	0	1	2	3
Rocky Mountain Area	FIREs	1	1	0	0	3	4	9
	ACRES	5	0	0	0	0	0	5
Eastern Area	FIREs	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Southern Area	FIREs	5	0	1	0	10	2	18
	ACRES	14	0	2,450	0	47	0	2,512
<b>TOTAL FIRES:</b>		7	13	1	0	78	23	122
<b>TOTAL ACRES:</b>		19	117,792	2,450	0	45,933	9	166,204

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	154	0	0	311	28	493
	ACRES	0	1,198,079	0	0	1,492,769	11	2,690,859
Northwest Area	FIREs	63	79	9	1	277	113	542
	ACRES	709	42,690	22	0	325	19	43,766
Northern California Area	FIREs	6	9	0	6	1,622	109	1,752
	ACRES	2	12	0	0	11,953	326	12,294
Southern California Area	FIREs	15	30	4	15	2,241	255	2,560
	ACRES	9	285	101	850	16,738	1,993	19,976
Northern Rockies Area	FIREs	199	9	3	0	328	71	610
	ACRES	856	9	207	0	3,199	91	4,363
Great Basin Area	FIREs	14	198	3	16	354	87	672
	ACRES	37	12,475	0	10	20,550	6,149	39,223
Southwest Area	FIREs	317	132	2	9	442	498	1,400
	ACRES	40,773	8,674	0	5	159,966	756,040	965,460
Rocky Mountain Area	FIREs	202	110	11	10	795	134	1,262
	ACRES	4,865	1,744	130	573	165,810	8,011	181,133
Eastern Area	FIREs	84	0	20	10	4,505	278	4,897
	ACRES	253	0	680	12	38,205	2,625	41,776
Southern Area	FIREs	553	4	18	57	20,619	525	21,776
	ACRES	96,743	88	4,991	2,511	881,236	37,469	1,023,040
<b>TOTAL FIRES:</b>		<b>1,453</b>	<b>725</b>	<b>70</b>	<b>124</b>	<b>31,494</b>	<b>2,098</b>	<b>35,964</b>
<b>TOTAL ACRES:</b>		<b>144,249</b>	<b>1,264,058</b>	<b>6,131</b>	<b>3,962</b>	<b>2,790,754</b>	<b>812,738</b>	<b>5,021,894</b>

**Ten Year Average Fires (2012 – 2021 as of today)**

**29,240**

**Ten Year Average Acres (2012 – 2021 as of today)**

**2,547,156**

\*\*\*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	1	43	266	8,893
YUKON TERRITORY	5	21,735	232	126,836
ALBERTA	5	1,453	540	73,309
NORTHWEST TERRITORY	6	46,832	129	303,667
SASKATCHEWAN	6	6,107	183	85,992
MANITOBA	0	0	34	9,531
ONTARIO	4	2	119	2,398
QUEBEC	3	0	293	29,491
NEWFOUNDLAND	1	5	42	683
NEW BRUNSWICK	0	0	152	129
NOVA SCOTIA	2	1	86	3,363
PRINCE EDWARD ISLAND	0	0	2	0
NATIONAL PARKS	0	0	49	6,146
TOTALS	33	76,177	2,144	650,438

\*1 Hectare = 2.47 Acres

**Predictive Services Discussion:** Isolated to scattered thunderstorms are likely across much of the Interior into south-central and southwest Alaska, with showers and wet thunderstorms likely for northeast Alaska. Cooler temperatures and higher humidity are expected across northern Alaska and portions of southwest and south-central Alaska as upper-level troughs move over those areas. A cold front will likely move into portions of the Interior tonight, but warm and dry conditions should remain across most of the Interior into southwest Alaska before it arrives. Dry thunderstorms are possible in eastern Nevada into far southern Idaho, and isolated dry thunderstorms are possible in the northern Sierra and central Oregon into northeast Oregon and southeast Washington, including the potential for nocturnal thunderstorms. Dry and breezy conditions are also likely along and east of the southern Sierra into southern Nevada. Hot and dry conditions will continue in much of Texas and the ArkLaTex and from California extending north and east into the inland Pacific Northwest, northern Rockies, and western and northern Great Basin. Thunderstorms are expected across the Great Lakes and much of the Southeast near the coasts, with severe thunderstorms likely from the Northeast into the Mid-Atlantic.

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



## **Mountain Flying – Part 2**

**Orographic Lifting.** As the wind blows moist air upslope, it will cool, and may form clouds. If, as is often the case in winter, the air is stable, the clouds will stay close to the mountain, forming a cap cloud. However, if the air is unstable, as is usually the case in summer, this initial lifting will be enough to start convection and result in thunderstorm formation.

**Microbursts.** Wet microbursts are typically found in the middle of an active thunderstorm or intense rain shower, and avoiding the strong downdraft is relatively easy. Dry microbursts, however, are more insidious because they occur with little or no warning in the clear air beneath virga. Dry microbursts are common in and near the Rockies and other mountainous areas of the western United States in the summer. Dry microbursts are likely when thunderstorms with bases above about 3,000- to 5,000-feet above ground level (AGL) exist and the temperature/dew point spread on the surface is more than about 40 degrees Fahrenheit. A good indicator of a dry microburst is when you see dust blowing underneath the thunderstorm. Staying clear until the event passes (usually a few minutes) is recommended.

**Density Altitude.** Density altitude is pressure altitude corrected for temperature. Higher density altitude reduces overall performance of the airplane. At higher density altitudes, takeoff and landing distances are increased, thrust is decreased, rate of climb and actual service ceiling are decreased, true airspeed (TAS) is higher for a given indicated airspeed (IAS), and turning radius is larger for a given IAS (due to higher TAS). To help regain performance at high-density altitudes, consider reducing aircraft weight (retardant and/or fuel load). Check your aircraft flight manual (AFM) performance data charts for takeoff and landing distances, climb rates, etc. Since your TAS is higher for a given IAS, many pilots respond to the visual cues of higher ground speed on takeoff by rotating at a lower IAS than normal. Rotating at too slow an airspeed may cause the airplane to take an even longer ground run than necessary. Turning radius is proportional to the square of TAS. For example, if you increase your TAS by only 10%, your turn radius will increase by 20%. In the fire pattern this may result in an overshooting turn to final with the resultant last-minute corrections (rushed approach, etc.). If in doubt, go around. Higher density altitudes also affect best rate and angle of climb airspeeds. Refer to your AFM to be sure you are flying the correct airspeeds to get the performance you expect. Be extra cautious about slowing down at high-density altitudes. Throttle response will be delayed (due to less dense air) and thrust is reduced due to less air over the prop blades. Stalls at high-density altitudes and close to the ground can be devastating with insufficient time or performance response to recover.

**Ridge and Pass Crossing.** A good technique is to cross ridges or passes at the ridge elevation plus at least 1,000-feet AGL. If the winds at mountain top level are above 20 knots, increase to 2,000-feet AGL. Plan to be at that altitude at least three miles before reaching the ridge and stay at that altitude until at least three miles past it. This clearance zone will give you a reasonable safety zone to avoid the most severe turbulence and downdrafts in windy conditions and/or the ability to turn the aircraft around in a descending turn if necessary. If conditions or airplane performance dictate, you may need to fly along the windward side of a ridge to find updrafts for gaining altitude before crossing a ridge. You may also need to circle before reaching the ridge if climbing out of a valley airport. Move across ridges at a 45° angle. This allows you to turn away from the ridge quicker if you encounter a severe downdraft or turbulence. Once you have crossed the ridge, turn away from it at a 90° angle to get away from the most likely area of turbulence quickly. Plan your crossing to give yourself the ability to turn and descend toward lower terrain quickly if necessary.

**Rough Terrain.** Heads up near or above abrupt changes of terrain such as cliffs or rugged areas. Dangerous turbulence can be expected, especially with high winds.

**Box Canyons.** Try to avoid flying up the middle of a canyon. It is better to fly along one side or the other (preferably the downwind side) at sufficient altitude to be in a better position to execute a 180-degree turn. Allowing sufficient altitude for a descending 180-degree turn along with a turn into the wind (if possible) decreases actual turn radius across the ground. Use extra caution when mountain tops are obscured. Many accidents occur as a result of pilots turning up the wrong drainage, ending in a box canyon. Monitor GPS closely.

### **Resources:**

[Mountain Flying – Part 1](https://www.nwcg.gov/committee/6mfs/mountain-flying-part1); <https://www.nwcg.gov/committee/6mfs/mountain-flying-part1>

[Incident Response Pocket Guide, PMS 461](https://www.nwcg.gov/publications/461); <https://www.nwcg.gov/publications/461>

[NWCG Standards for Helicopter Operations, PMS 510](https://www.nwcg.gov/publications/510); <https://www.nwcg.gov/publications/510>

[Interagency Standards for Fire & Fire Aviation Operations](https://www.nifc.gov/standards/guides/red-book); <https://www.nifc.gov/standards/guides/red-book>

[FAA-P-8740-60 / AFS-803 \(1999\), "Tips on Mountain Flying"](https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/media/tips_on_mountain_flying.pdf); [https://www.faa.gov/regulations\\_policies/handbooks\\_manuals/aviation/media/tips\\_on\\_mountain\\_flying.pdf](https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/media/tips_on_mountain_flying.pdf)

[Department of Transportation Book AC91-15, "Terrain Flying"](https://www.aopa.org/news-and-media/all-news/1999/may/flight-training-magazine/terrain-flying-ac-91-15-part-2); <https://www.aopa.org/news-and-media/all-news/1999/may/flight-training-magazine/terrain-flying-ac-91-15-part-2>

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