

National Interagency Coordination Center
Incident Management Situation Report
Sunday, August 20, 2017 – 0530 MT
National Preparedness Level 5

National Fire Activity

Initial attack activity:	Light (77) new fires
New large incidents:	1
Large fires contained:	2
Uncontained large fires:**	25
Area Command Teams Committed:	1
NIMOs committed:	2
Type 1 IMTs committed:	7
Type 2 IMTs committed:	21

**Uncontained large fires include only fires being managed under a full suppression strategy.

[Link](#) to Geographic Area daily reports.

One MAFFS C-130 airtanker and support personnel each from the 152nd Airlift Wing, (Nevada Air National Guard), 153rd Airlift Wing, (Wyoming Air National Guard) and the 302nd Airlift Wing (Colorado Springs, Air Force Reserve) have been deployed to Fresno, CA in support of wildland fire operations.

One RC-26 aircraft and support personnel from the 141st Aerial Refueling Wing (Washington Air National Guard) has been deployed to Fairchild AFB (Spokane, WA) in support of wildland fire operations.

One RC-26 aircraft and support personnel from the 162nd Fighter Wing, (Arizona Air National Guard) has been deployed to Mahlon Sweet Field (Eugene, OR) in support of wildland fire operations.

Active Incident Resource Summary						
GACC	Fires	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AICC	0	0	0	0	0	0
NWCC	31	267,191	188	370	52	7,922
ONCC	9	56,290	100	120	25	3,721
OSCC	7	9,285	28	24	16	988
NRCC	27	161,788	90	278	47	4,885
GBCC	12	85,363	20	47	9	840
SWCC	0	0	0	0	0	0
RMCC	4	4,276	0	5	0	29
EACC	0	0	0	0	0	0
SACC	3	3,244	0	3	1	16
Total	93	587,440	426	847	150	18,401

Northwest Area (PL 5)

New fires:	7
New large incidents:	1
Uncontained large fires:	13
NIMOs committed	1
Type 1 IMTs committed:	4
Type 2 IMTs committed:	9

Milli, Deschutes NF. IMT 1 (Pierson). IMT is also managing the Belknap fire. Nine miles west of Sisters, OR. Timber. Extreme fire behavior with running, spotting and torching. Residences threatened. Evacuations, road, trail and area closures in effect.

Belknap, Ochoco NF. Twenty miles northeast of Prineville, OR. Timber, brush and grass. Minimal fire behavior. Structures threatened. Road, trail and area closures in effect.

Chetco Bar, Rogue River - Siskiyou NF. NIMO (Houseman), IMT 2 (Greer). Sixteen miles west of Selma, OR. Timber and brush. Extreme fire behavior with wind-driven runs and long-range spotting. Structures threatened. Evacuations, road, trail and area closures in effect.

Umpqua North Complex (6 fires), Umpqua NF. IMT 1 (T. Kurth). Fifty miles east of Roseberg, OR. Timber, brush and grass. Active fire behavior with flanking and single-tree and group torching. Structures threatened. Evacuations, road, trail and area closures in effect.

Jones, Willamette NF. IMT 2 (Ciraulo). Ten miles northeast of Lowell, OR. Timber and grass. Active fire behavior with running and spotting. Structures threatened. Road, trail and area closures in effect.

Bridge Creek, Colville Agency, BIA. IMT 2 (Sheldon). Eleven miles northeast of Keller, WA. Timber, tall grass and light logging slash. Active fire behavior with flanking, isolated torching and short-range spotting. Road closures in effect.

Norse Peak, Okanogan - Wenatchee NF. IMT 2 (Gales). Eleven miles west of Cliffdell, WA. Timber. Active fire behavior with group torching, backing and spotting. Residences threatened. Evacuations, road and area closures in effect.

Miller Complex, Rogue River - Siskiyou NF. IMT 2 (Arroyo). Seventeen miles east of Cave Junction, OR. Timber. Active fire behavior with group torching, running and creeping. Structures threatened. Road and trail closures in effect.

Falcon Complex, Umpqua NF. IMT 2 (Johnson). Twenty-five miles east of Tiller, OR. Timber, brush and grass. Active fire behavior with flanking, running and creeping. Structures threatened. Road closures in effect.

High Cascades Complex (2 fires), Rogue River - Siskiyou NF. IMT 1 (von Willow). Nine miles northeast of Prospect, OR. Timber. Moderate fire behavior with smoldering, creeping and single-tree torching. Road, trail and area closures in effect.

Whitewater, Willamette NF. IMT 1 (Schulte). IMT is also managing the Rebel fire. Ten miles east of Idanha, OR. Timber and brush. Moderate fire behavior with backing, flanking and single-tree torching. Structures threatened. Road, trail and area closures in effect.

Rebel, Willamette NF. Twenty two miles north of Oakridge, OR. Timber. Active fire behavior with backing, flanking, and single-tree torching. Residences threatened. Road, trail and area closures in effect.

Diamond Creek, Okanogan - Wenatchee NF. IMT 2 (Andrews). Twenty-five miles north of Winthrop, WA. Timber and grass. Active fire behavior with torching, backing and flanking. Structures threatened. Road, trail and area closures in effect.

Jolly Mountain, Okanogan - Wenatchee NF. IMT 2 (Sinclair). Thirteen miles northwest of Cle Elum, WA. Timber. Minimal fire behavior with backing. Structures threatened. Trail and area closures in effect.

Staley, Willamette NF. IMT 2 (Goff). Twenty-three miles south of Oakridge, OR. Timber and brush. Moderate fire behavior with smoldering, crowning and short-range spotting. Road closures in effect.

Nena Springs, Warm Springs Agency, BIA. Seven miles northeast of Simnasho, OR. Timber and short grass. Active fire behavior with group torching, wind-driven and uphill running. Structures threatened. Evacuations, road, trail and area closures in effect.

East Saddle, Mid-Columbia National Wildlife Refuge Complex. Ten miles west of Othello, WA. Brush and short grass. No new information.

Noisy Creek, Colville NF. Six miles southeast of Metaline Falls, WA. Timber and brush. No new information.

Whychus, Ochoco NF. Ten miles northeast of Sisters, OR. Brush and tall grass. No new information.

Flounce, Medford District, BLM. Started on state land 12 miles northwest of Shady Cove, OR. Timber, brush and tall grass. No new information.

Bear Butte, Wallowa - Whitman NF. Twenty miles northwest of Baker City, OR. Timber. No new information. Last report unless new information is received.

Shan Creek, Rogue River-Siskiyou NF. Transfer of command from IMT 2 (Greer) back to the local unit occurred yesterday. Ten miles west of Grants Pass, OR. Medium logging slash, timber and grass. No new information.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Milli	OR-DEF	7,814	1,226	0	Ctn	10/01	487	77	10	16	2	0	2.3M	FS
Belknap	OR-OCF	125	0	75	Ctn	8/27	83	0	3	3	0	0	239K	FS
Chetco Bar	OR-RSF	26,000	12,000	14	Comp	10/15	280	215	6	12	3	3	2.9M	FS
Umpqua North Complex	OR-UPF	6,878	3,346	1	Comp	9/30	760	74	18	55	3	1	3.5M	FS
Jones	OR-WIF	3,728	1,004	10	Ctn	9/30	558	-23	17	15	2	0	3.2M	FS
Bridge Creek	WA-COA	1,863	205	27	Ctn	8/31	484	10	9	21	3	0	5.2M	BIA
Norse Peak	WA-OWF	1,275	25	6	Comp	10/01	219	18	5	7	2	0	546K	FS
Miller Complex	OR-RSF	5,302	634	4	Comp	9/30	432	14	9	20	0	0	1.9M	FS
Falcon Complex	OR-UPF	2,200	300	17	Comp	8/30	491	-2	10	22	4	0	5.4M	FS
High Cascades Complex	OR-RSF	11,226	572	61	Comp	8/31	897	-44	27	17	6	0	26.5M	FS
Whitewater	OR-WIF	7,599	568	0	Comp	10/31	631	-15	14	13	9	0	16.1M	FS
Rebel	OR-WIF	2,648	1,561	0	Comp	9/30	295	1	10	10	0	0	2.1M	FS
Diamond Creek	WA-OWF	30,043	392	27	Comp	10/15	382	18	10	18	2	2	5.9M	FS
Jolly Mountain	WA-OWF	548	19	0	Ctn	9/30	281	5	4	10	5	0	2.1M	FS
Staley	OR-WIF	761	0	0	Ctn	9/15	256	23	8	11	0	0	1.1M	FS
Nena Springs	OR-WSA	68,135	2,132	40	Ctn	8/23	224	41	5	27	1	10	5.6M	BIA
East Saddle	WA-MCR	17,470	---	95	Ctn	UNK	3	---	0	1	0	2	397K	FWS
Noisy Creek	WA-COF	4,000	---	68	Ctn	9/30	139	---	4	3	0	0	5.4M	FS
Whychus	OR-OCF	2,012	---	95	Ctn	8/22	51	---	2	3	0	0	700K	FS

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Flounce	OR-MED	587	---	94	Ctn	8/20	122	---	6	3	1	0	3M	ST
Bear Butte	WA-WWF	499	---	98	Ctn	8/20	165	---	3	5	2	0	5.3M	FS
Shan Creek	OR-RSF	156	---	85	Ctn	9/01	180	---	3	14	0	0	1.7M	FS
Monument Hill	WA-WFS	6,255	---	100	Ctn	---	120	-2	0	30	3	23	598K	PRI
* Blevins	OR-VAD	1,314	---	100	Ctn	---	18	---	0	3	1	0	50K	BLM

WFS – Washington State VAD – Vale District, BLM

Northern Rockies Area (PL 5)

New fires:	8
New large incidents:	0
Uncontained large fires:	6
Area Command teams committed:	1
Type 1 IMTs committed:	2
Type 2 IMTs committed:	7

Area Command Team (Sexton) is managing large fires on the Lolo National Forest and Flathead Reservation.

Lolo Peak, Lolo NF. IMT 1 (Poncin). Ten miles southwest of Lolo, MT. Timber. Extreme fire behavior with crowning, running and spotting. Residences threatened. Evacuations, road, trail and area closures in effect.

Sapphire Complex (3 fires), Lolo NF. IMT 2 (Pearson). Fifteen miles southeast of Clinton, MT. Timber. Active fire behavior with wind-driven runs, group torching and long-range spotting. Structures threatened. Evacuations, road, trail and area closures in effect.

Sunrise, Lolo NF. IMT 1 (Lund). Eleven miles east of Superior, MT. Timber and brush. Active fire behavior with flanking, backing and creeping. Structures threatened. Evacuations, road, trail and area closures in effect.

Rice Ridge, Lolo NF. IMT 2 (Goldman). Six miles north of Seeley Lake, MT. Timber. Moderate fire behavior with backing, single-tree and group torching. Structures threatened. Road, trail and area closures in effect.

Meyers, Beaverhead - Deerlodge NF. IMT 2 (Esperance). Twenty-five miles southwest of Philipsburg, MT. Timber. Active fire behavior with short-crown runs, group torching and spotting. Structures threatened. Evacuations, road and area closures in effect.

Hanover, Nez Perce - Clearwater NF. IMT 2 (Bales). Four miles northeast of Florence, ID. Timber, brush and grass. Moderate fire behavior with flanking, running and short-range spotting. Structures threatened. Road, trail and area closures in effect.

Liberty, Flathead Agency, BIA. IMT 2 (Rohrer). Seventeen miles southeast of Arlee, MT. Timber. Active fire behavior with flanking, group torching and short-range spotting. Structures threatened. Trail and area closures in effect.

Gibralter Ridge, Kootenai NF. IMT 2 (Connell). Seven miles east of Eureka, MT. Timber. Moderate fire behavior with creeping, torching and spotting. Residences threatened. Evacuations, road, trail and area closures in effect.

Tamarack, Northwestern Land Office, Montana DNR. IMT 2 (Hutton). IMT is also managing the Peoples Creek fire. Started on Forest Service land 22 miles northwest of Marion, MT. Timber. Moderate fire behavior with backing, spotting and single-tree torching. Road closures in effect.

Buck, Idaho Panhandle NF. Sixteen miles southeast of Avery, ID. Timber and brush. Minimal fire behavior. Road, trail and area closures in effect.

Blue Bay, Flathead Agency, BIA. Ten miles northeast of Polson, MT. Timber. Moderate fire behavior with isolated torching, single-tree torching and creeping. Road, trail and area closures in effect.

Wolverine, Blackfeet Agency, BIA. Ten miles northeast of St Mary, MT. Timber, brush and short grass. Minimal fire behavior. Structures threatened.

Sprague, Glacier National Park. Previously reported incident. Nine miles northeast of West Glacier, MT. Timber. Active fire behavior. Trail closures in effect. Last 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			
Lolo Peak	MT-LNF	27,906	9,010	0	Ctn	10/01	927	272	20	59	7	10	20.4M	FS
Sapphire Complex	MT-LNF	36,056	1,294	42	Comp	10/31	475	-83	9	34	7	1	23M	FS
Sunrise	MT-LNF	24,784	746	35	Comp	9/30	563	-22	11	45	7	0	22.9M	FS
Rice Ridge	MT-LNF	14,834	1,334	61	Comp	10/01	505	-68	7	31	4	0	15M	FS
Gibralter Ridge	MT-KNF	2,884	100	13	Comp	9/30	425	1	7	27	2	0	5.8M	FS
Meyers	MT-BDF	14,951	800	5	Ctn	10/21	447	-4	11	10	4	0	18M	FS
Hanover	ID-NCF	14,747	1,031	44	Comp	10/15	311	-4	2	11	3	0	7.3M	FS
Tamarack	MT-NWS	403	63	50	Ctn	10/01	265	53	7	8	0	0	2M	FS
Liberty	MT-FHA	6,305	492	91	Comp	9/25	296	44	3	9	1	0	9.8M	BIA
Buck	ID-IPF	132	0	60	Ctn	10/10	39	-33	1	0	2	0	1.5M	FS
Blue Bay	MT-FHA	480	210	10	Ctn	8/31	155	51	5	2	6	0	1.2M	BIA
Wolverine	MT-BFA	3,010	0	39	Ctn	8/25	32	0	0	7	1	1	85K	BIA
Sprague	MT-GNP	1,123	921	0	Comp	11/2	97	0	1	0	0	0	356K	NPS

Northern California Area (PL 4)

New fires:	22
New large incidents:	0
Uncontained large fires:	0
Type 1 IMTs committed:	1
Type 2 IMTs committed:	3

CA-KNF-006098 Complex (4 fires), Klamath NF. IMT 2 (Coots). Ten miles northwest of Happy Camp, CA. Timber and brush. Active fire behavior with flanking, uphill runs and short-range spotting. Structures threatened. Road, trail and area closures in effect.

Salmon August Complex, Klamath NF. IMT 2 (Fogle). Nine miles west of Etna, CA. Timber. Moderate fire behavior with backing, group torching and short-range spotting. Trail and area closures in effect. Reduction in acreage due to more accurate mapping.

Orleans Complex, Six Rivers NF. IMT 2 (Wakoski). Twenty miles north of Orleans, CA. Timber and brush. Active fire behavior with backing, flanking and short-range spotting. Structures threatened. Road and area closures in effect.

Ruth Complex, Six Rivers NF. IMT 1 (Minton). Four miles south of Ruth, CA. Timber, chaparral and short grass. Moderate fire behavior with flanking, backing and creeping. Structures threatened. 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			
CA-KNF-006098 Complex	CA-KNF	19,713	2,130	17	Comp	10/10	992	185	28	42	3	0	23M	FS
Salmon August Complex	CA-KNF	3,980	-390	27	Comp	9/30	304	0	11	0	1	0	1.4M	FS
Orleans Complex	CA-SRF	7,662	640	51	Comp	9/30	729	17	17	30	8	0	18.4M	FS
Ruth Complex	CA-SRF	4,666	0	75	Comp	8/25	565	-107	10	10	9	0	11M	FS

Great Basin Area (PL 3)

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

Pole Creek, Bridger - Teton NF. IMT 2 (DeMasters). Twenty-eight miles southeast of Afton, WY. Timber and grass. Moderate fire behavior with creeping and group and isolated torching. Structures threatened. Road, trail and area closures in effect.

Highline, Payette NF. NIMO (Reinartz). Twenty-five miles northeast of Warren, ID. Timber. Moderate fire behavior. Structures threatened. Trail and area closures in effect.

Six Mile, Storey County. Started on private land 15 miles southeast of Reno, NV. Closed timber litter, brush and short grass. Minimal fire behavior with smoldering.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Pole Creek	WY-BTF	2,760	22	40	Ctn	9/09	328	-14	7	15	4	0	4.8M	FS
Highline	ID-PAF	13,591	2,500	0	Comp	10/15	54	14	2	0	1	0	509K	FS
Six Mile	NV-STOX	185	35	70	Ctn	8/21	73	-86	2	5	1	0	200K	PRI

Southern California Area (PL 3)

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

South Fork, Yosemite National Park. IMT 2 (Mills). Fifteen miles north of Oakhurst, CA. Timber and brush. Active fire behavior with spotting, running and torching. Structures threatened. Evacuations, road, trail and area closures in effect. Precipitation occurred over the fire area yesterday.

Indian, Inyo NF. Sixteen miles west of Olancha, CA. Timber and brush. Minimal fire behavior with smoldering. Structures threatened. 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			
South Fork	CA-YNP	2,903	253	10	Ctn	9/03	522	-6	13	13	7	0	3.8M	NPS
Indian	CA-INF	2,295	28	50	Ctn	8/30	177	-20	4	1	6	0	3M	FS

Southern Area (PL 1)

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

Keyhole Hammock, Everglades National Park. Twenty-one miles southwest of Homestead, FL. Tall grass and southern rough. No new information.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Keyhole Hammock	FL-EVP	1,702	0	90	Ctn	8/25	12	0	0	2	1	0	45K	NPS
Salem Rd	TX-TXS	1,142	---	100	Ctn	---	1	---	0	0	0	0	1K	PRI

TXS – Texas A&M Forest Service

Fires and Acres Yesterday (by Protection):

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	3	4	7
	ACRES	0	0	0	0	1	2,836	2,837
Northern California Area	FIREs	1	0	0	0	17	4	22
	ACRES	1	0	0	0	14	1,234	1,249
Southern California Area	FIREs	0	0	0	1	13	3	17
	ACRES	0	0	0	1	8	7	16
Northern Rockies Area	FIREs	0	0	0	0	3	5	8
	ACRES	702	0	0	0	0	12,415	13,117
Great Basin Area	FIREs	0	3	0	0	2	5	10
	ACRES	0	206	0	0	36	3,563	3,805
Southwest Area	FIREs	0	2	0	0	0	1	3
	ACRES	0	2	0	0	0	26	28
Rocky Mountain Area	FIREs	2	5	0	0	1	1	9
	ACRES	1	200	0	0	2	14	217
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	1	0	1
	ACRES	0	0	0	0	1	0	1
TOTAL FIRES:		3	10	0	1	40	23	77
TOTAL ACRES:		704	408	0	1	62	20,095	21,270

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	169	0	0	167	13	349
	ACRES	0	571,153	0	0	81,339	1	652,493
Northwest Area	FIREs	162	184	31	16	1,143	881	2,417
	ACRES	8,171	203,912	4,348	1,605	54,363	52,953	325,352
Northern California Area	FIREs	60	43	2	12	1,850	561	2,528
	ACRES	36	14,609	70	34	24,050	129,415	168,214
Southern California Area	FIREs	161	53	2	28	2,773	302	3,319
	ACRES	640	26,897	0	880	208,618	47,250	284,285
Northern Rockies Area	FIREs	556	93	15	21	1,219	491	2,395
	ACRES	26,257	281,199	1,144	164	118,319	188,045	615,128
Great Basin Area	FIREs	30	757	4	35	682	299	1,807
	ACRES	56,075	1,062,877	2	38	427,895	100,364	1,647,251
Southwest Area	FIREs	673	218	16	38	671	814	2,430
	ACRES	45,816	22,896	153	1,384	113,982	350,896	535,127
Rocky Mountain Area	FIREs	671	264	8	18	850	312	2,123
	ACRES	9,786	41,651	354	356	493,793	8,280	554,220
Eastern Area	FIREs	343	0	13	14	3,189	288	3,847
	ACRES	696	0	19	129	16,668	3,098	20,610
Southern Area	FIREs	256	8	45	27	20,757	357	21,450
	ACRES	60,251	36	151,924	54,654	1,324,578	25,519	1,616,962
TOTAL FIRES:		2,912	1,789	136	209	33,301	4,318	42,665
TOTAL ACRES:		207,728	2,225,230	158,014	59,244	2,863,605	905,821	6,419,642

Ten Year Average Fires (2007 – 2016 as of today)	47,070
Ten Year Average Acres (2007 – 2016 as of today)	4,850,080

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
	ACRES	0	0	0	0	0	0
Northwest Area	FIREs	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0
Northern California Area	FIREs	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0
Southern California Area	FIREs	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0
Northern Rockies Area	FIREs	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0
Great Basin Area	FIREs	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0
Southwest Area	FIREs	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0
Rocky Mountain Area	FIREs	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0
Eastern Area	FIREs	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0
Southern Area	FIREs	0	0	0	18	0	18
	ACRES	0	0	0	41	0	41
TOTAL FIREs:	0	0	0	0	18	0	18
TOTAL ACRES:	0	0	0	0	41	0	41

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

Area	BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	0	0	6	2	8
	ACRES	0	0	0	64,850	100	64,950
Northwest Area	FIREs	6	11	4	1	70	92
	ACRES	1,782	1,336	4,761	38	11,523	19,440
Northern California Area	FIREs	1	5	6	11	89	112
	ACRES	20	654	239	258	9,671	10,842
Southern California Area	FIREs	0	3	5	3	152	163
	ACRES	0	62	464	504	4,252	5,282
Northern Rockies Area	FIREs	6	13	42	6	93	171
	ACRES	462	3,820	18,690	752	514	6,413
Great Basin Area	FIREs	3	18	5	6	33	128
	ACRES	24	1,628	933	43	803	12,765
Southwest Area	FIREs	22	33	4	5	97	166
	ACRES	3,791	46,871	4,952	1,639	6,105	61,102
Rocky Mountain Area	FIREs	21	34	37	10	76	272
	ACRES	966	2,963	18,305	2,370	3,251	38,389
Eastern Area	FIREs	51	0	169	22	1,192	176
	ACRES	26,679	0	26,117	6,148	97,262	65,185
Southern Area	FIREs	48	0	123	28	61,233	689
	ACRES	6,894	0	94,960	133,644	1,490,557	627,574
TOTAL FIRES:	158	117	395	92	62,556	1,525	64,843
TOTAL ACRES:	40,618	57,334	169,421	145,396	1,663,342	836,974	2,913,085

*** 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/>

Canada Fires and Hectares

PROVINCES	FIRES YESTERDAY	HECTARES YESTERDAY	FIRES YEAR- TO-DATE	HECTARES YEAR-TO-DATE
BRITISH COLUMBIA	13	219,209	1,044	1,128,422
YUKON TERRITORY	1	1	113	330,325
ALBERTA	9	2,582	1,031	18,531
NORTHWEST TERRITORY	1	0	238	962,497
SASKATCHEWAN	5	12,585	270	108,204
MANITOBA	3	304	447	84,833
ONTARIO	6	4,895	618	86,302
QUEBEC	0	26	267	34,043
NEWFOUNDLAND	0	0	65	696
NEW BRUNSWICK	0	0	161	107
NOVA SCOTIA	0	0	160	725
PRINCE EDWARD ISLAND	0	0	4	7
NATIONAL PARKS	0	0	132	60,298
TOTALS	38	239,602	4,550	2,814,990

* 1 Hectare = 2.47 Acres

Predictive Services Discussion: An upper low will form off the California coast, drawing moisture across the Southwest. Scattered rain and thunderstorms will continue over the southern Rockies and spread northward into Colorado. Widely scattered storms will develop across southern Great Basin to the Sierras. Breezy conditions will continue across the northern Rockies. In the central and eastern U.S., scattered thunderstorms will form across the northern and central Plains to the Great Lakes. Storms will also form along the coast from the central Gulf to the Mid-Atlantic. Temperatures will generally 80s and 90s across the country with readings in 100-110 range in the desert southwest and across far south Texas and in the 60s over the higher elevations of the West.

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



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 U.S. in the summer. Dry microbursts are likely when thunderstorms with bases above about 3000' to 5000' AGL exist and the temperature/dew point spread on the surface is more than about 40 degrees (F). A good indicator of a dry microburst is when you see dust blowing underneath the thunderstorm. Recommend staying clear until the event passes (usually a few minutes).

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 is higher for a given indicated airspeed, and turning radius is larger for a given indicated airspeed (due to higher TAS). To help regain performance at high density altitudes, consider reducing aircraft weight (retardant and / or fuel load). Check your AFM performance data charts for takeoff and landing distances, climb rates, etc. Since your true airspeed is higher for a given indicated airspeed, 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 true airspeed. 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 getting slow 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 / performance response to recover.

Ridge and Pass Crossing. A good technique is to cross ridges or passes at the ridge elevation plus at least 1000' AGL. If the winds at mountain top level are above 20 knots, increase to 2000' 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 down drafts 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. Cross 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's 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 pilot's turning up the wrong drainage, ending sadly in a box canyon. Monitor GPS closely.

Have an idea? Have feedback? Share it.