

National Interagency Coordination Center
Incident Management Situation Report
Friday, July 14, 2017 – 0530 MT
National Preparedness Level 4

National Fire Activity

Initial activity:	Light (151) new fires
New large incidents:	7
Large fires contained:	7
Uncontained large fires:**	39
Area Command Teams Committed:	0
NIMOs committed:	0
Type 1 IMTs committed:	4
Type 2 IMTs committed:	13

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

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

Active Incident Resource Summary						
GACC	Fires	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AICC	2	68,910	4	0	2	112
NWCC	15	18,027	40	103	9	1,439
ONCC	6	41,280	45	125	7	1,835
OSCC	8	89,742	117	451	43	6,068
NRCC	20	37,696	30	80	12	1,225
GBCC	35	671,855	74	173	25	3,056
SWCC	24	235,161	24	52	14	1,327
RMCC	8	20,467	21	39	7	831
EACC	0	0	0	0	0	0
SACC	4	10,075	0	1	0	12
Total	122	1,193,214	355	1,024	119	15,905

Great Basin Area (PL 4)

New fires:	23
New large incidents:	2
Uncontained large fires:	10
Type 2 IMTs committed	5

Long Valley, Northern California District, BLM. IMT 2 (Fogle). Fifty miles north of Reno, NV. Brush and short grass. Extreme fire behavior with wind driven runs, short-range spotting and uphill runs. Numerous residences threatened. Area and trail closures in effect. Energy infrastructure threatened. Sage-grouse habitat threatened.

Farad, Humboldt-Toiyabe NF. IMT 2 (Chadwick). Ten miles northeast of Truckee, Ca. Timber. Minimal fire behavior with single tree torching, creeping and short-range spotting. Structures threatened.

* **Bravo17**, Carson City District, BLM. IMT 2 (Rohrer). IMT is also managing the Draw fire. Twenty-five miles east of Fallon, NV. Closed timber litter, brush and short grass. Active fire behavior with running and spotting.

Draw, Carson City District, BLM. Fifty miles east of Fallon, NV. Closed timber litter, brush and short grass. Minimal fire behavior with smoldering, creeping and torching. Road closures in effect. Sage-grouse habitat threatened.

Roosters Comb, Northern Region, Nevada DOF. IMT 2 (Goff). Twenty-five miles north of Battle Mountain, NV. Brush and tall grass. Minimal fire behavior. Structures threatened. Road closures in effect. Sage-grouse habitat threatened. Reduction in acreage due to more accurate mapping.

Brianhead, Southwest Area, Utah DOF. IMT 2 (DeMasters). One mile north of Brian Head, UT. Timber and hardwood litter. Minimal fire behavior. Road, area and trail closures in effect.

* **Murphy Lane**, Boise District, BLM. Four miles southwest of Kuna, ID. Brush and short grass. Moderate fire behavior with running and flanking.

Tabor Flats, Northern Region, Nevada DOF. Sixteen miles west of Wells, NV. Brush and tall grass. Minimal fire behavior. Residences threatened.

Potosi, Humboldt-Toiyabe NF. Twenty-eight miles southwest of Las Vegas, NV. Brush, tall grass and timber. Minimal fire behavior. Structures threatened.

Meadow Creek, Twin Falls District, BLM. Eight miles east of Sublet, ID. Hardwood litter, brush and short grass. No new information.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Chge	Total				Chge	Total	Crw	Eng	Heli			
Long Valley	CA-NOD	31,000	10,500	20	Ctn	07/20	524	355	15	36	7	5	860K	BLM
Farad	NV-HTF	747	0	58	Ctn	07/16	286	22	7	8	6	0	1.9M	FS
* Bravo17	NV-CCD	9,000	---	10	Ctn	07/17	56	---	3	2	0	0	150K	BLM
Draw	NV-CCD	27,506	634	80	Ctn	07/15	554	-18	14	11	5	0	2.6M	BLM
Roosters Comb	NV-NNS	218,380	-3,620	71	Ctn	07/16	820	-8	21	38	6	0	994K	ST
Brianhead	UT-SWS	71,673	0	85	Ctn	07/15	407	-107	6	17	2	26	33.9M	ST
* Murphy Lane	ID-BOD	310	---	80	Ctn	UNK	33	---	0	6	1	0	75K	BLM
Tabor Flats	NV-NNS	25,100	0	75	Ctn	07/14	264	-45	11	12	0	0	1.8M	ST
Potosi	NV-HTF	420	0	95	Ctn	07/14	11	-28	0	1	1	0	600K	FS
Meadow Creek	ID-TFD	400	---	60	Ctn	UNK	66	---	2	3	1	0	90K	BLM
Tweeds South	AZ-ASD	777	77	100	Ctn	---	32	-31	1	1	0	0	80K	BLM
West Sand	UT-RID	671	-106	100	Ctn	---	6	-15	0	2	0	0	10K	BLM
Birch Creek	ID-CAX	431	81	100	Ctn	---	39	-3	1	4	0	0	15K	CNTY

ASD – Arizona Strip Field Office, BLM

RID – Richfield Field Office, BLM

CAX – Cassia County

Southern California Area (PL 4)

New fires:	32
New large incidents:	0
Uncontained large fires:	4
Type 1 IMTs committed	3
Type 2 IMTs committed	1

Whittier, Los Padres NF. IMT 1 (von Tillo). Eleven miles northeast of Goleta, CA. Chaparral and Brush. Active fire behavior with uphill runs, short-range spotting and backing. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

Garza, Fresno-Kings Unit, Cal Fire. Cal Fire IMT 1 (Patterson). Ten miles southeast of Avenal City, CA. Chaparral, brush and tall grass. Extreme fire behavior with spotting and uphill runs. Structures threatened.

Schaeffer, Sequoia NF. IMT 2 (Arroyo). Seventeen miles north of Kernville, CA. Timber and brush. Moderate fire behavior with backing, flanking and isolated torching. Structures threatened. Road, area and trail closures in effect.

Alamo, San Luis Obispo Unit, Cal Fire. Cal Fire IMT1 (Gouvea). Eight miles northeast of Santa Maria, CA. Chaparral and tall grass. Minimal fire behavior. Numerous structures threatened. Road closures in effect.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Whittier	CA-LPF	12,263	343	52	Ctn	07/31	1,240	144	21	92	12	20	8M	FS
Garza	CA-FKU	30,250	7,167	39	Ctn	07/15	1,357	143	23	106	15	1	5.3M	ST
Schaeffer	CA-SQF	15,859	0	42	Ctn	07/31	1,039	-102	26	28	11	0	10M	FS
Alamo	CA-SLU	28,687	0	85	Ctn	07/22	1,839	-261	37	158	0	14	14.7M	ST
Jennings	CA-MVU	400	0	100	Ctn	---	78	-343	3	8	0	0	914K	ST

MVU – Monte Vista Unit, Cal Fire

Northern Rockies Area (PL 3)

New fires:	14
New large incidents:	1
Uncontained large fires:	7
Type 2 IMTs committed	4

* **Cohagen**, Miles City Field Office, BLM. Started on private land 11 miles southwest of Jordan, MT. Timber, brush and short grass. Active fire behavior with running, single tree torching and long-range spotting. Sage-grouse habitat threatened.

Lazier Creek 3, Northwestern Land Office, DNR. IMT 2 (Thompson). Twenty-two miles southwest of Marion, MT. Timber. Active fire behavior with uphill runs, group torching and spotting. Structures threatened. Road closures in effect.

Blue Ridge Complex (2 fires). Miles City Field Office, BLM. Thirty-nine miles northwest of Jordan, MT. Timber, hardwood litter and grass. Minimal fire behavior. Residences threatened. Reduction in acreage due to more accurate mapping.

July, Lewistown Field Office, BLM. Transfer of command from IMT 2 (Connell) back to the local unit will occur Sunday. One mile southwest of Zortman, MT. Timber and short grass. Moderate fire behavior with flanking, backing and single tree torching.

Tongue River Complex, Miles City District, BLM. Transfer of command from IMT 2 (Almas) back to the local unit will occur Sunday. Eighteen miles south of Lame Deer, MT. Timber, brush and short grass. Minimal fire behavior.

Magpie, Dakota Prairie National Grasslands. Transfer of command from IMT 2 (Pearson) back to the local unit will occur tomorrow. Forty-four miles northwest of Dickinson, ND. Brush and short grass. Minimal fire behavior. 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			
* Cohagen	MT-MCD	1,550	---	40	Ctn	07/16	57	---	2	5	0	0	47K	PRI
Lazier Creek 3	MT-NWS	1,145	0	35	Ctn	07/31	417	241	11	16	4	0	2.6M	ST
Blue Ridge Complex	MT-MCD	1,733	-67	80	Ctn	07/15	114	93	4	7	0	0	66K	BLM
July	MT-LED	11,440	266	85	Ctn	07/15	264	-93	6	11	2	5	5.5M	BLM
Tongue River Complex	MT-MCD	32,965	651	83	Ctn	07/15	233	-23	3	13	2	0	2.2M	BLM
Magpie	ND-DPF	5,000	0	70	Ctn	07/14	116	21	2	14	1	0	555K	FS

Northwest Area (PL 3)

New fires: 9
 New large incidents: 0
 Uncontained large fires: 6
 Type 2 IMTs committed 2

Ana, Lakeview District, BLM. IMT 2 (Harrod). Two miles north of Summer Lake, OR. Timber, brush and tall grass. Minimal fire behavior.

Dry Creek, Southeast Region, Washington DNR. IMT 2 (Sheldon). Six miles north of Husum, WA. Timber and brush. Minimal fire behavior with backing, smoldering and creeping. Road closures in effect.

Buck, Wallowa-Whitman NF. Sixteen miles northeast of Imnaha, OR. Brush and grass. Minimal fire behavior. Structures threatened.

Coyote, Burns District, BLM. Thirty miles southwest of Riley, OR. Brush and tall grass. Minimal fire behavior. Sage-grouse habitat threatened.

McCarty, Lakeview District, BLM. Four miles southeast of Akali Lake, OR. Brush and grass. No new information.

Hart, Sheldon-Hart Mountain National Wildlife Refuge, FWS. Forty-one miles northeast of Lakeview, OR. Brush 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			
Ana	OR-LAD	5,874	0	90	Ctn	07/15	235	-81	5	12	1	2	2.5M	BLM
Dry Creek	WA-SES	337	0	50	Ctn	07/24	670	-15	23	26	1	0	2.7M	ST
Buck	OR-WWF	1,007	50	70	Ctn	07/15	28	-29	1	0	1	0	700K	FS
Coyote	OR-BUD	1,583	0	90	Ctn	07/14	106	0	2	11	2	0	475K	BLM
McCarty	OR-LAD	980	---	63	Ctn	UNK	119	---	3	12	1	0	600K	BLM
Hart	OR-SHR	466	---	60	Ctn	UNK	47	---	0	8	2	0	75K	FWS
Lone Pine	OR-OCF	897	0	100	Ctn	---	8	-14	0	2	0	0	325K	FS

OCF – Ochoco, NF

Southwest Area (PL 3)

New fires:	16
New large incidents:	0
Uncontained large fires:	3

Bull, Tonto, NF. Fifteen miles north of Carefree, AZ. Brush and tall grass. Moderate fire behavior with backing. Road and area closures in effect.

Fife, Southeast District, Arizona DOF. Fifteen miles northeast of Sunizona, NM. Brush and tall grass. Moderate fire behavior with creeping and backing. Residences threatened. Reduction in acreage due to more accurate mapping.

Frye, Coronado NF. Transfer of command from IMT 2 (Andrews) back to the local unit occurred yesterday. Nine miles west of Swift Trail Junction, AZ. Timber, brush and chaparral. Minimal fire behavior. Road, area and trail closures in effect. Precipitation occurred over the fire area yesterday. Last report unless significant activity occurs.

Taylor Canyon, Cibola NF. Fifty-five miles west of Magdalena, NM. Timber and short grass. Moderate fire behavior with flanking and backing. Precipitation occurred over the fire area yesterday. Last report unless significant activity occurs.

Burro, Coronado NF. Eight miles northeast of Tucson, AZ. Timber, brush and tall grass. No new information.

Incident Name	Unit	Size		% Acres	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Bull	AZ-TNF	5,323	41	85	Ctn	07/20	106	104	2	6	1	0	30K	FS
Fife	AZ-A3S	1,436	-664	85	Ctn	07/14	211	-16	6	4	3	0	400K	ST
Frye	AZ-CNF	48,443	0	93	Comp	07/30	157	-116	2	3	2	2	24.6M	FS
Taylor Canyon	NM-CIF	4,702	3,602	25	Comp	08/01	81	19	3	6	1	0	200K	FS
Burro	AZ-CNF	27,238	---	95	Ctn	07/15	160	---	0	5	1	0	8.9M	FS
Roach	AZ-A3S	335	0	100	Ctn	---	13	-128	0	3	0	14	1M	ST

Rocky Mountain Area (PL 3)

New fires:	13
New large incidents:	0
Uncontained large fires:	6
Type 2 IMTs committed	1

Keystone, Medicine Bow NF. IMT 2 (Esperance). Thirty-five miles southwest of Laramie, WY. Timber and medium logging slash. Minimal fire behavior. Structures threatened. Evacuations, road, area and trail closures in effect. Precipitation occurred over the fire area yesterday.

Wilson, White River Field Office, BLM. Eight miles north of Meeker, CO. Timber and brush. Minimal fire behavior.

Peekaboo, Little Snake Field Office, BLM. Forty-four miles northwest Maybell, CO. Dormant brush, hardwood slash. Minimal fire behavior with single tree torching and creeping. Structures threatened. Sage-grouse habitat threatened.

Mill Creek, Routt County. Thirteen miles northeast of Hayden, CO. Heavy logging slash, medium logging slash and timber. Minimal fire behavior.

Gutzler, White River NF. Thirteen miles southwest of Kremmling, CO. Timber and brush. Moderate fire behavior. Residences threatened.

East Rim, Tres Rios Field Office, BLM. Ten miles northeast of Dove Creek, CO. Timber and brush. Minimal fire behavior.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Keystone	WY-MBF	2,301	37	24	Ctn	07/31	554	-6	14	24	3	1	7.3M	FS
Wilson	CO-WRD	700	350	90	Ctn	08/13	68	-50	2	2	1	0	726K	BLM
Peekaboo	CO-LSD	12,839	0	90	Ctn	07/20	111	-29	3	7	2	0	2.6M	BLM
Mill Creek	CO-RTX	482	0	80	Ctn	UNK	13	-56	0	2	0	0	1.1M	CNTY
Gutzler	CO-WRF	974	0	20	Ctn	08/04	26	0	0	3	1	0	1.5M	FS
East Rim	CO-SJD	700	0	65	Ctn	08/01	34	-6	1	0	0	0	408K	BLM

Northern California Area (PL 3)

New fires:	27
New large incidents:	1
Uncontained large fires:	2
Type 1 IMTs committed	1

Wall, Butte Unit, Cal Fire. Transfer of command from Cal Fire IMT 1 (Estes) back to the local unit will occur today. Eight miles southeast of Oroville, CA. Chaparral and tall grass. Minimal fire behavior.

* **Dobe**, Modoc NF. Eight miles south of Newell, CA. Timber, brush and tall grass. Active fire behavior with running. Energy infrastructure threatened. Road closures in effect..

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Wall	CA-BTU	6,033	0	85	Ctn	07/17	871	-491	16	57	0	91	12.9M	ST
* Dobe	CA-MDF	440	---	0	Ctn	07/31	166	---	6	10	0	0	500K	FS

Alaska Area (PL 2)

New fires:	2
New large incidents:	2
Uncontained large fires:	0

Campbell River, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 65 miles northeast of Chalkyitsik, AK. Timber, brush and short grass. Moderate fire behavior with backing and torching. Structures threatened. Last report unless significant activity occurs.

Boulder Creek, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 66 miles southeast of Artic Village, AK. Timber and short grass. Moderate fire behavior with creeping and smoldering. Structures threatened. Last report unless significant activity occurs.

Khotol, Galena Zone, BLM. Started on tribal land 45 miles southwest of Galena, AK. Short grass. Active fire behavior with group torching, back and torching. Last report unless significant activity occurs.

* **Narvak Lake**, Galena Zone, BLM. Started on NPS land 35 miles east of Kobuk, AK. Short grass. Minimal fire behavior with creeping, backing and isolated torching. Last report unless significant activity occurs.

* **Monument Creek**, Upper Yukon Zone, BLM. Started on FWS land 44 miles northeast of Arctic Village, AK. Timber and short grass. Minimal fire behavior. Last report unless significant activity occurs.

White Mountain Creek, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 85 miles northeast of Chalkyitsik, AK. Timber. Active fire behavior with running and crowning. Last report unless significant activity occurs.

Lois Creek, Upper Yukon Zone, BLM. Previously reported incident. Eighty-nine miles northeast of Arctic Village, AK. Short grass. Minimal fire behavior. Last report unless significant activity occurs.

Ammerman Creek, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 109 miles east of Arctic Village, AK. Timber and short grass. Minimal fire behavior. Last report unless significant activity occurs.

Helmet, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 55 miles southeast of Arctic Village, AK. Timber and short grass. Minimal fire behavior. Last report unless significant activity occurs.

Rat Creek, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 37 miles northeast of Chalkyitsik, AK. Timber. Minimal fire behavior. Last report unless significant activity occurs.

Bear Mountain, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 34 miles northeast of Circle, AK. Timber and short grass. Minimal fire behavior. Last report unless significant activity occurs.

Kihovilik Creek, Galena Zone, BLM. Previously reported incident. Sixteen miles south of Shungnak, AK. Short grass. Minimal fire behavior. Last report unless significant activity occurs.

Dorothy Creek, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 35 miles northeast of Chalkyitsik, AK. Brush and short grass. Minimal fire behavior. Last report unless significant activity occurs.

Lake Creek, Upper Yukon Zone, BLM. Previously reported incident. Seventy-two miles northeast of Chalkyitsik, AK. Timber and short grass. Minimal fire behavior. 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			
Lake Creek	AK-UYD	2,228	1,578	0	Comp	07/27	0	0	0	0	0	0	NR	BLM

Southern Area (PL 1)

New fires: 15

New large incidents: 1

Uncontained large fires: 1

* **Muskrat**, Sabine National Wildlife Refuge, FWS. Twelve miles southeast of Bridge City, LA. Tall Grass. Active fire behavior with wind driven runs and flanking.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Muskrat	LA-SBR	300	---	0	Ctn	07/19	1	---	0	0	0	0	3K	FWS
Rivers Edge	FL-MIR	6,100	313	100	Ctn	---	6	-11	0	1	0	0	45K	FWS

MIR – Merritt Island National Wildlife Refuge FWS

Fires and Acres Yesterday (by Protection):

Area	BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	0	0	2	0	2
	ACRES	0	255	0	0	0	255
Northwest Area	FIREs	0	2	0	0	7	9
	ACRES	0	20	0	0	13	33
Northern California Area	FIREs	0	0	0	25	2	27
	ACRES	0	0	0	1,271	330	1,601
Southern California Area	FIREs	2	0	0	0	27	32
	ACRES	37	0	0	0	173	350
Northern Rockies Area	FIREs	0	1	0	0	7	6
	ACRES	0	1,550	0	0	12	18
Great Basin Area	FIREs	2	13	0	0	5	3
	ACRES	210	21,657	0	0	186	0
Southwest Area	FIREs	1	1	0	1	1	12
	ACRES	10	50	0	0	65	4,355
Rocky Mountain Area	FIREs	0	2	0	1	4	6
	ACRES	0	360	0	1	105	1
Eastern Area	FIREs	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0
Southern Area	FIREs	0	0	1	0	14	0
	ACRES	0	0	0	0	238	0
TOTAL FIRES:		5	19	1	2	92	32
TOTAL ACRES:		257	23,892	0	1	2,063	5,054
							31,267

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

Area	BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	138	0	0	145	10 293
	ACRES	0	288,931	0	0	80,325	1 369,257
Northwest Area	FIREs	95	74	15	4	422	247 857
	ACRES	2,740	39,144	982	1	1,994	3,082 47,943
Northern California Area	FIREs	30	6	2	5	1,194	140 1,377
	ACRES	28	545	70	5	15,422	2,482 18,552
Southern California Area	FIREs	146	41	1	9	2,060	200 2,457
	ACRES	148	615	0	6	69,341	35,468 105,578
Northern Rockies Area	FIREs	485	47	9	1	498	148 1,188
	ACRES	12,980	22,040	350	0	21,238	4,739 61,347
Great Basin Area	FIREs	17	418	3	20	434	130 1,022
	ACRES	223	313,546	0	37	456,625	66,989 837,420
Southwest Area	FIREs	563	173	10	24	566	599 1,935
	ACRES	45,641	16,322	191	1,180	111,004	253,686 428,024
Rocky Mountain Area	FIREs	373	134	7	11	468	205 1,198
	ACRES	2,419	33,983	202	75	474,488	5,369 516,536
Eastern Area	FIREs	343	0	13	14	3,011	272 3,653
	ACRES	696	0	19	129	12,847	3,105 16,796
Southern Area	FIREs	255	8	40	26	19,261	350 19,940
	ACRES	60,250	36	151,345	53,054	1,289,599	25,694 1,579,978
TOTAL FIRES:	2,307	1,039	100	114	28,059	2,301	33,920
TOTAL ACRES:	125,125	715,162	153,159	54,487	2,532,883	400,615	3,981,431

Ten Year Average Fires (2007 – 2016 as of today)	36,845
Ten Year Average Acres (2007 – 2016 as of today)	2,944,556

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	125	2	127
	ACRES	0	0	0	510	15	525
TOTAL FIRES:	0	0	0	0	125	2	127
TOTAL ACRES:	0	0	0	0	510	15	525

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	1	7
	ACRES	0	0	0	64,850	100	64,950
Northwest Area	FIREs	5	11	4	1	0	91
	ACRES	1,298	1,336	4,761	38	0	11,523
Northern California Area	FIREs	0	5	6	10	0	109
	ACRES	0	654	239	258	0	9,670
Southern California Area	FIREs	0	3	5	4	0	164
	ACRES	0	62	464	504	0	4,252
Northern Rockies Area	FIREs	6	11	42	6	10	93
	ACRES	462	3,820	18,690	752	513	6,413
Great Basin Area	FIREs	3	18	5	6	29	63
	ACRES	24	1,628	933	43	802	12,687
Southwest Area	FIREs	21	32	2	5	5	82
	ACRES	2,856	46,871	4,894	1,639	6,105	59,862
Rocky Mountain Area	FIREs	17	31	35	10	66	73
	ACRES	741	3,013	18,304	2,370	2,661	39,624
Eastern Area	FIREs	51	0	169	22	1,171	175
	ACRES	26,679	0	26,117	6,148	96,628	65,103
Southern Area	FIREs	46	0	122	28	58,157	684
	ACRES	6,694	0	94,771	133,644	1,467,490	622,599
TOTAL FIRES:	149	111	390	92	59,444	1,481	61,667
TOTAL ACRES:	38,754	57,384	169,173	145,396	1,639,049	831,833	2,881,589

*** 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	6	41,141	605	111,251
YUKON TERRITORY	1	90,000	80	268,928
ALBERTA	5	0	720	2,879
NORTHWEST TERRITORY	14	1,754	98	83,892
SASKATCHEWAN	1	0	111	410
MANITOBA	0	0	89	16,673
ONTARIO	0	6	136	4,528
QUEBEC	0	0	141	33,152
NEWFOUNDLAND	0	0	41	651
NEW BRUNSWICK	0	0	63	30
NOVA SCOTIA	2	0	140	720
PRINCE EDWARD ISLAND	0	0	2	7
NATIONAL PARKS	0	88	77	33,595
TOTALS	29	132,990	2,303	556,714

* 1 Hectare = 2.47 Acres

Predictive Services Discussion: High pressure over the Intermountain West will expand in size and begin to migrate east toward the central Great Plains. Scattered wet and dry storms are expected across both regions as the system begins its eastward trek. The west coast will see near normal temperatures along with breezy winds in the Pacific Northwest. A southerly monsoonal flow beneath the ridge of high pressure will continue to produce scattered showers and storms along with elevated humidities across the Four Corner's region. Scattered showers and storms are expected across the Southeast as a stalled front slowly drifts south through the Tennessee River Valley. In Alaska, unusually warm and dry conditions will continue with isolated storms developing across western portions of the interior in the afternoon as another disturbance moves on shore from the Bering Strait.

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



New Research on Safety Zones

Operational Engagement

[If you have computer or smart phone access, [please watch the video for this subject](#) using the link or QR code...Otherwise, read on Old School...]



First, a Fire Behavior 101 refresher: You can warm yourself around the sides of a campfire for quite some time; that's **radiant heat**. If you hold your hands over the top of the fire, you'll get burned relatively quickly; that's **convective heat**.

Basically, wind or slope can tip the flames over, so that the convective heat is no longer going straight up, but is now aimed more along the ground, sending the heat and hot gasses much further ahead. This causes pre heating of the fuels, faster fire spread and greater fire intensities. You'll need a larger Safety Zone if that fire is coming towards you.

The current equation for safety zone size in the IRPG (page 8) is:

$$4 \times \text{Flame Height} = \text{Safe Separation Distance}$$

To make estimations of flame height though, you either have to use past fire behavior observations or use your experience to guess what the fire may do in the future. After a decade of research, Bret Butler, at the Missoula Technology and Development Center, suggests removing the uncertainty and guesswork that comes with estimating flame height by taking the general rule of thumb: $\text{Flame Height} = 2 \times \text{Vegetation Height}$

...and substituting that Flame Height equation into the original IRPG equation, to give:

$$\begin{aligned} 4 \times 2 \times \text{Vegetation Height} &= \text{Safe Separation Distance}, \text{ which simplified is:} \\ 8 \times \text{Vegetation Height} &= \text{Safe Separation Distance} \end{aligned}$$

But remember, that's still for **radiant heat** only, on flat ground, with no wind. To take into account the **convective heat** from slope or wind, Butler's research suggests that a "Slope Wind Factor" is needed in the equation:

$$8 \times \text{Vegetation Height} \times \text{Slope Wind Factor} = \text{Safe Separation Distance}$$

But what is the Slope Wind Factor? Current research is indicating that the Slope Wind Factor is between 1 and 10; with Butler arguing it may be closer to between 1 and 5. Butler's ongoing research is focused on answering that question by gathering sensor data on fires, running computer simulations, and refining the models...Stay tuned.

In the meantime, utilize the calculations on page 8 of your IRGP to help you determine a bare minimum size for your safety zone with the understanding that slope and wind need to be considered in your decision making.

But remember, a safety zone is only good if you can get there...join us tomorrow for some thoughts on Escape Routes.

The "Take 5@2" safety messages are a cooperative project of 6 Minutes for Safety, the Wildland Fire Safety Training Annual Refresher (WFSTAR), NIFC External Affairs, the NWCG Leadership Committee, the NWCG Risk Management Committee, and the Wildland Fire Lessons Learned Center.

Have an idea? Have feedback? Share it.

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