

National Interagency Coordination Center
Incident Management Situation Report
Wednesday, July 1, 2015 - 0530 MT
National Preparedness Level 3

National Fire Activity

Initial attack activity:	Light (180 new fires)
New large incidents:	9
Large fires contained:	4
Uncontained large fires: **	32
Area Command Teams committed:	0
NIMOs committed:	1
Type 1 IMTs committed:	2
Type 2 IMTs committed:	11

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

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

Alaska Area (PL 5)

New fires:	3
New large incidents:	1
Uncontained large fires:	10
Type 2 IMTs committed:	7

Tanana Area Fires (9 fires), Tanana Zone, BLM. IMT2 (Staats). Started on native corporation land seven miles northeast of Tanana, AK. Timber. Moderate fire behavior. Numerous structures threatened. Evacuations in effect.

Nulato, Galena Zone, BLM. IMT2 (Hutton). IMT is also managing the Big Creek Two, Bruno Creek and Ruby Slough fires. Started on native corporation land two miles north of Nulato, AK. Timber, brush and short grass. Moderate fire behavior with group torching and flanking. Numerous structures threatened.

* **Big Creek Two**, Galena Zone, BLM. Started on native corporation land 22 miles east of Ruby, AK. Timber, brush and short grass. Active fire behavior with group torching and flanking. Structures threatened.

Bruno Creek, Galena Zone, BLM. Started on native corporation land 12 miles south of Ruby, AK. Timber, brush and short grass. Active fire behavior with group torching and flanking. Structures threatened.

Ruby Slough, Galena Zone, BLM. Started on state land five miles southwest of Ruby, AK. No new information. Last report unless significant activity occurs.

Rex Complex (2 fires), Fairbanks Area Forestry, DOF. IMT2 (Sheldon). Started on private land southeast of Clear, AK. Timber, brush and tall grass. Minimal fire behavior with single tree torching, creeping and smoldering. Evacuations, road and trail closures in effect.

Aggie Creek, Fairbanks Area Forestry, DOF. IMT2 (Rosenthal). Thirty miles northwest of Fairbanks, AK. Timber. Minimal fire behavior with torching, creeping and smoldering. Structures threatened. Area closures in effect.

Healy Lake, Delta Area Forestry, DOF. IMT2 (Bentley). IMT is also managing the Michigan Creek fire. Started on native corporation land 28 miles southeast of Delta Junction, AK. Timber. Minimal fire behavior with isolated torching and smoldering. Structures threatened.

Michigan Creek, Delta Area Forestry, DOF. Thirty-eight miles northeast of Delta Junction, AK. Timber. Minimal fire behavior with isolated torching and smoldering.

Anaconda Creek, Fairbanks Area Forestry, DOF. IMT2 (Allen). IMT is also managing the West Fork fire. Timber. Minimal fire behavior with isolated torching, creeping and smoldering. Numerous structures threatened. Area and trail closures in effect.

West Fork, Fairbanks Area Forestry, DOF. Three miles east of Minto, AK. Timber. Minimal fire behavior with smoldering. Structures threatened. Area and trail closures in effect.

Card Street, Kenai-Kodiak Area Forestry, DOF. IMT2 (Allbee). Started on native corporation land five miles southeast of Sterling, AK. Timber. Minimal fire behavior with creeping and smoldering. Structures threatened. Area and trail closures in effect.

Tetlin Hills, Tok Area Forestry, DOF. Eight miles southeast of Tok, AK. Timber. Moderate fire behavior with single tree torching and creeping. Structures threatened. Light precipitation occurred over the incident.

Long Lake, Tok Area Forestry, DOF. Started on BIA land two miles east of Northway, AK. Timber. Moderate fire behavior with group torching. Structures threatened.

Sockeye, Mat-Su Area Forestry, DOF. Started on private land six miles north of Willow, AK. Timber. Minimal fire behavior.

Mishevik, Southwest Area Forestry, DOF. Eight miles northeast of Akiak, AK. Timber. Moderate fire behavior with creeping.

Nenana Ridge, Fairbanks Area Forestry, DOF. Twelve miles east of Four Mile Rd, AK. Light logging slash. Moderate fire behavior with smoldering.

Sea, Tanana Zone, BLM. Previously reported incident. Sixty miles southeast of Ruby, AK. Timber and short grass. Active fire behavior with running, isolated torching and backing. Last report unless significant activity occurs.

Whitefish Lake 1, Southwest Area, DOF. Previously reported incident. Started on FWS land 20 miles southwest of Kalskag, AK. Short grass. Minimal fire behavior with creeping and smoldering. Structures threatened. Last report unless significant activity occurs.

Chitanana River, Tanana Zone, BLM. Previously reported incident. Forty miles south of Tanana, AK. Timber. Active fire behavior with isolated torching, flanking and backing. Last report unless significant activity occurs.

West Fork, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 31 miles northwest of Stevens Village, AK. Closed timber litter. Active fire behavior with isolated torching and backing. Last report unless significant activity occurs.

Deep Creek, Tanana Zone, BLM. Started on state land three miles south of Lake Minchumina, AK. Timber. Moderate fire behavior with backing. Structures threatened. Last report unless significant activity occurs.

Incident Name	Unit	Size		%	Ctn / Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crews	Eng	Heli			
Tanana Area Fires	AK-TAD	198,797	15,157	0	Comp	NR	251	4	7	2	2	0	3.3M	TRI
Nulato	AK-GAD	26,039	39	0	Ctn	NR	210	8	8	0	1	3	2.2M	TRI
* Big Creek Two	AK-GAD	39,000	---	0	Comp	NR	0	---	0	0	0	0	3K	TRI
Bruno Creek	AK-GAD	9,659	59	0	Comp	NR	71	28	2	0	1	0	17K	TRI
Ruby Slough	AK-GAD	49	---	90	Ctn	NR	0	---	0	0	0	0	350K	ST
Rex Complex	AK-FAS	16,519	0	25	Ctn	NR	493	-52	17	7	11	0	6.3M	PRI
Aggie Creek	AK-FAS	15,601	1,153	15	Comp	NR	343	-13	11	1	2	0	1.7M	ST
Healy Lake	AK-DAS	10,298	0	31	Comp	NR	267	13	5	0	2	0	2.8M	TRI
Michigan Creek	AK-DAS	9,601	0	0	Comp	NR	0	0	0	0	0	0	1K	ST
Anaconda Creek	AK-FAS	1,091	0	0	Comp	NR	197	-16	4	2	2	0	1.4M	ST
West Fork	AK-FAS	231	0	0	Comp	NR	22	20	1	0	0	0	27K	ST
Card Street	AK-KKS	8,876	0	90	Ctn	7/02	129	-32	4	2	1	11	6.2M	TRI
Tetlin Hills	AK-TAS	1,800	0	0	Ctn	NR	20	1	0	0	1	0	1.6M	ST
Long Lake	AK-TAS	18,533	22	15	Ctn	NR	80	0	2	4	0	0	886K	BIA
Sockeye	AK-MSS	7,220	0	99	Ctn	7/01	67	-3	2	7	0	55	7.6M	PRI
Mishevik	AK-SWS	120	0	50	Ctn	7/01	29	-3	1	0	0	0	166K	ST
Nenana Ridge	AK-FAS	325	0	60	Ctn	NR	65	-2	3	0	0	0	258K	ST
Sea	AK-TAD	34,320	33,720	0	Comp	NR	0	0	0	0	0	0	1K	BLM
Whitefish Lake 1	AK-SWS	31,059	0	88	Comp	NR	0	0	0	0	0	0	2.9M	FWS
Chitanana River	AK-FBD	23,695	22,895	0	Comp	NR	1	0	0	0	0	0	1K	BLM
West Fork	AK-UYD	14,652	---	0	Comp	NR	1	---	0	0	0	0	1K	FWS
Incident Name	Unit	Size		%	Ctn / Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crews	Eng	Heli			
Deep Creek	AK-TAD	2,100	1,500	0	Comp	NR	27	-6	2	0	0	0	10K	ST
Stetson Creek	AK-CGF	129	0	100	Ctn	---	30	0	1	0	1	0	1.4M	FS
Red Devil	AK-SWS	1,321	0	100	Ctn	---	46	-22	2	0	1	0	537K	ST

CGF - Chugach NF

Northwest Area (PL 3)

New fires:	26
New large incidents:	6
Uncontained large fires:	14
NIMOs committed:	1
Type 1 IMTs committed:	1
Type 2 IMTs committed:	2

Sugar Loaf, Prineville District, BLM. ODF IMT1 (Buckman). IMT is also managing the Blue Basin fire. Nine miles north of Dayville, OR. Timber, tall grass and short grass. Active fire behavior with group torching and creeping. Structures threatened.

* **0301 PR Blue Basin**, Prineville District, BLM. Nine miles north of Dayville, OR. Timber, brush and short grass. Active fire behavior with running and flanking. Structures threatened.

Sleepy Hollow, Southeast Region, DNR. IMT2 (Rabe). Northwest of Monitor, WA. Brush and short grass. Minimal fire behavior with smoldering. Structures threatened. Evacuations and road closures in effect.

* **Harper Complex (3 fires)**, John Day Unit, DOF. Nine miles west of John Day, OR. Timber, brush and short grass. Active fire behavior with wind-driven runs and flanking. Structures threatened.

* **Corner Creek 0297 PR**, Ochoco NF. Eleven miles south of Dayville, OR. Timber, brush and short grass. Extreme fire behavior with wind-driven runs and single tree torching. Structures threatened.

* **Jones Canyon**, John Day Unit, DOF. Started on BLM land 13 miles northeast of Monument, OR. Brush and short grass. Moderate fire behavior with backing. Structures threatened. Area closures in effect.

Leslie Gulch, Vale District, BLM. Thirty miles north of Arock, OR. Brush and short grass. Moderate fire behavior. Sage grouse habitat threatened.

Jaca Reservoir, Vale District, BLM. Twenty-one miles southeast of Arock, OR. Brush. Moderate fire behavior. Sage grouse habitat threatened. Reduction in acreage due to more accurate mapping.

Saddle Lakes, Mid Columbia National Wildlife Refuge Complex, FWS. Twelve miles east of Desert Aire, WA. Brush and short grass. Minimal fire behavior.

Paradise, Olympic NP. NIMO (Hahnenberg). Thirteen miles north of Quinault, WA. Timber. Minimal fire behavior with backing, smoldering and creeping. Area and trail closures in effect.

Bunker Hill Complex, Umpqua NF. IMT2 (Fillis). Eleven miles north of Diamond Lake, OR. Light logging slash and timber. No new information.

* **Candy Kid**, Burns District, BLM. Six miles north of Drewsey, OR. Brush and tall grass. Minimal fire behavior with creeping and smoldering. Structures and sage grouse habitat threatened.

Buckskin, Rogue River-Siskiyou NF. Ten miles southwest of Cave Junction, OR. Closed timber litter and brush. Minimal fire behavior with creeping and smoldering. Road, area and trail closures in effect.

* **Road 6 Fire**, Washington State Fire Marshal's Office, DNR. Five miles east of Withrow, WA. Tall grass. Moderate fire behavior with smoldering. Last report unless significant activity occurs.

Incident Name	Unit	Size		%	Ctn / Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crews	Eng	Heli			
Sugar Loaf	OR-PRD	4,802	190	40	Ctn	NR	431	123	14	17	0	1	1M	BLM
* 0301 PR Blue Basin	OR-PRD	317	---	50	Ctn	NR	21	---	1	0	0	0	25K	BLM
Sleepy Hollow	WA-SES	2,950	0	47	Ctn	NR	336	89	2	43	3	27	525K	ST
* Harper Complex	OR-952S	442	---	67	Ctn	NR	114	---	4	10	0	0	1K	ST
* Corner creek 0297 PR	OR-OCF	6,000	---	0	Ctn	NR	75	---	3	3	0	0	100K	FS
* Jones Canyon	OR-952S	840	---	22	Ctn	NR	174	---	7	7	0	0	50K	BLM
Leslie Gulch	OR-VAD	9,000	5,000	30	Ctn	7/03	100	35	1	13	4	0	700K	BLM
Jaca Reservoir	OR-VAD	14,049	-551	70	Ctn	7/01	83	1	0	29	0	0	300K	BLM
Saddle Lakes	WA-MCR	14,357	4,357	50	Ctn	7/01	83	13	1	15	0	0	190K	FWS
Paradise	WA-OLP	1,025	0	21	Comp	9/30	101	-4	2	0	2	0	962K	NPS
Bunker Hill Complex	OR-UPF	362	42	50	Ctn	7/06	370	13	15	10	4	0	1.6M	FS
* Candy Kid	OR-BUD	462	---	30	Ctn	7/04	91	---	2	11	1	0	210K	BLM
Buckskin	OR-RSF	5,345	0	60	Ctn	9/30	70	-11	2	1	2	0	8.2M	FS
* Road 6 Fire	WA-WFS	3,500	---	50	Comp	7/02	0	---	0	0	0	0	100K	ST

Great Basin Area (PL 2)

New fires:	64
New large incidents:	1
Uncontained large fires:	5
Type 2 IMTs committed:	1

Washington, Humboldt-Toiyabe NF. ODF IMT2 (Wilcox). Three miles south of Markleeville, CA. Timber and brush. Minimal fire behavior with creeping and smoldering. Structures and grouse habitat threatened.

Evacuations and area closures in effect.

Mount Emma, Arizona Strip Field Office, BLM. Sixty miles southeast of St. George, UT. Closed timber litter. Active fire behavior with isolated torching, creeping and smoldering.

Shirts, Boise District, BLM. Eleven miles east of Cambridge, ID. Timber, brush and short grass. Minimal fire behavior. Sage grouse habitat threatened.

Annie, Northern Region, DOF. Three miles north of Beowawe, NV. Brush. Moderate fire behavior.

* **Pole Creek**, Elko District Office, BLM. Twenty miles north of Wells, NV. Short grass. Moderate fire behavior with creeping. Sage grouse habitat threatened.

Incident Name	Unit	Size		%	Ctn / Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crews	Eng	Heli			
Washington	NV-HTF	17,790	3	66	Ctn	7/31	764	-96	20	23	7	1	10.1M	FS
Mount Emma	AZ-ASD	3,950	50	1	Ctn	NR	81	-2	2	3	2	0	355K	BLM
Shirts	ID-BOD	2,065	1,765	90	Ctn	UNK	118	26	4	6	2	0	150K	BLM
Annie	NV-NNS	4,898	3,498	90	Ctn	7/01	111	9	3	4	0	0	300K	ST
* Pole Creek	NV-EKD	1,100	---	20	Ctn	7/02	12	---	0	3	1	0	100K	BLM

Southern California Area (PL 3)

New fires:	7
New large incidents:	0
Uncontained large fires:	1
Type 1 IMTs committed:	1

Lake, San Bernardino NF. IMT1 (Minton). Two miles south of Seven Oaks, CA. Timber and brush. Minimal fire behavior with isolated torching, creeping and smoldering. Numerous structures threatened. 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	Crews	Eng	Heli			
Lake	CA-BDF	31,359	0	65	Ctn	NR	1,714	-222	41	64	19	4	34M	FS

Northern Rockies Area (PL 2)

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

Blue, Nez Perce - Clearwater NF. IMT2 (Pearson). Four miles southeast of Dixie, Idaho. Timber. Active fire behavior. Numerous structures threatened. Area and trail closures in effect.

Incident Name	Unit	Size		%	Ctn / Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crews	Eng	Heli			
Blue	ID-NCF	300	50	0	Ctn	NR	211	24	6	5	2	0	819K	FS

Rocky Mountain Area (PL 1)

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

Ecklund, Dinosaur National Monument, NPS. Twenty miles north of Dinosaur, CO. Timber. Minimal fire behavior with creeping.

Incident Name	Unit	Size		%	Ctn / Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crews	Eng	Heli			
Ecklund	CO-DSP	526	111	15	Ctn	7/10	95	-2	3	0	3	0	260K	NPS

Southern Area (PL 1)

New fires: 8
 New large incidents: 1
 Uncontained large fires: 0

Hansen, Big Cypress National Preserve, NPS. Twenty-three miles northeast of Ochopee, FL. Southern Rough. Moderate fire behavior. Structures threatened. Last report unless significant activity occurs.

Incident Name	Unit	Size		%	Ctn / Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crews	Eng	Heli			
Hansen	FL-BCP	1,259	759	10	Comp	NR	13	2	0	1	2	0	100K	NPS
*2015180213	FL-FLS	600	---	100	Ctn	---	3	---	0	0	0	0	1K	ST
Birdtower	FL-FLS	500	---	100	Ctn	---	0	0	0	0	0	0	1K	ST

FLS – Florida Division of Forestry

Active Incident Resource Summary

GACC	Fires	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AKCC	95	1,296,289	103	30	37	3,181
NWCC	17	67,084.5	56	196	20	2,229
ONCC	1	1,542	0	0	0	6

OSCC	6	35,196	56	107	20	2,192
NRCC	5	620	10	21	9	445
GBCC	13	41,788	33	54	12	1,264
SWCC	15	101,121	14	34	4	521
RMCC	9	528	3	4	3	114
EACC	0	0	0	0	0	0
SACC	13	5,470	0	8	2	37
Total	174	1,549,641.1	275	454	107	9,989

Fires and Acres Yesterday (by Protection):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	3	0	0	0	0	3
	ACRES	0	143	0	0	0	0	143
Northwest Area	FIREs	0	0	0	1	11	14	26
	ACRES	0	404	0	0	8	3,107	3,519

Northern California Area	FIREs	0	0	0	0	0	2	2
	ACRES	0	0	0	0	0	0	0
Southern California Area	FIREs	0	0	0	0	0	7	7
	ACRES	0	0	0	0	0	2	2
Northern Rockies Area	FIREs	0	0	0	0	13	19	32
	ACRES	0	0	0	0	125	8	133
Great Basin Area	FIREs	2	36	0	2	10	14	64
	ACRES	0	2,754	0	1	15	5	2,775
Southwest Area	FIREs	2	3	0	1	0	14	20
	ACRES	0	54	0	1	1	190	246
Rocky Mountain Area	FIREs	1	6	0	1	6	2	16
	ACRES	0	4	0	153	0	0	157
Eastern Area	FIREs	0	0	0	0	1	1	2
	ACRES	0	0	0	0	10	0	10
Southern Area	FIREs	0	0	1	0	6	1	8
	ACRES	0	0	1	0	31	1	33
TOTAL FIRES:		5	48	1	5	47	74	180
TOTAL ACRES:		0	3,359	1	155	190	3,313	7,018

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	211	0	0	377	16	604
	ACRES	0	876,858	0	0	730,287	774	1,607,919
Northwest Area	FIREs	42	57	19	25	560	376	1,079
	ACRES	4,123	8,199	120	1,130	1,961	5,035	20,568

Northern California Area	FIREs	80	3	1	12	1,312	296	1,704
	ACRES	75	0	345	0	3,422	2,200	6,042
Southern California Area	FIREs	15	29	11	18	1,615	185	1,873
	ACRES	12	1,882	12	37	13,457	34,182	49,582
Northern Rockies Area	FIREs	464	25	2	0	506	168	1,165
	ACRES	3,691	5,424	4,793	0	46,848	4,462	65,218
Great Basin Area	FIREs	12	245	3	14	242	130	646
	ACRES	12	25,874	0	8	6,106	19,537	51,537
Southwest Area	FIREs	314	101	4	11	355	353	1,138
	ACRES	40,835	2,379	4	11	15,938	64,869	124,036
Rocky Mountain Area	FIREs	306	92	12	9	534	85	1,038
	ACRES	13,059	351	544	7,408	62,721	523	84,606
Eastern Area	FIREs	527	0	28	14	5,214	324	6,107
	ACRES	2,181	0	2,101	547	43,772	5,481	54,082
Southern Area	FIREs	277	0	9	7	12,196	235	12,724
	ACRES	35,354	0	999	148	153,170	12,489	202,160
TOTAL FIRES:		2,037	763	89	110	22,911	2,168	28,078
TOTAL ACRES:		99,342	920,967	8,918	9,289	1,077,682	149,552	2,265,750

Ten Year Average Fires (2005 – 2014 as of today)	36,118
Ten Year Average Acres (2005 – 2014 as of today)	2,339,004

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
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	0	46	2
	ACRES	0	0	0	0	2,038	1,909
TOTAL FIRES:		0	0	0	0	46	2
TOTAL ACRES:		0	0	0	0	2,038	1,909
							3,947

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIREs	0	5	0	0	2	0	7
	ACRES	0	3,965	0	0	988	0	4,953
Northwest Area	FIREs	4	28	3	2	0	147	184

	ACRES	1,223	17,778	51	49	0	23,534	42,635
Northern California Area	FIRES	0	0	12	11	0	113	136
	ACRES	0	143	5,173	190	0	7,734	13,240
Southern California Area	FIRES	0	3	4	2	0	100	109
	ACRES	0	78	495	84	0	1,860	2,517
Northern Rockies Area	FIRES	8	31	28	4	5	113	189
	ACRES	3,560	10,580	12,835	1,590	688	17,296	46,549
Great Basin Area	FIRES	1	24	1	6	31	51	114
	ACRES	24	1,449	1,060	85	1,704	19,925	24,247
Southwest Area	FIRES	14	20	8	7	0	113	162
	ACRES	588	18,879	2,436	4,606	0	63,054	89,563
Rocky Mountain Area	FIRES	17	34	56	11	47	80	245
	ACRES	2,075	6,299	15,525	1,153	2,132	22,351	49,535
Eastern Area	FIRES	30	0	250	22	1,369	157	1,828
	ACRES	39,398	0	32,874	6,637	65,316	49,704	193,929
Southern Area	FIRES	82	0	136	11	7,605	685	8,519
	ACRES	15,633	0	108,522	14,261	479,697	602,169	1,220,282
TOTAL FIRES:		156	145	498	76	9,059	1,559	11,493
TOTAL ACRES:		62,501	59,171	178,971	28,655	550,525	807,627	1,687,450

*** 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	33	558	654	80,998
YUKON TERRITORY	1	15	176	95,015
ALBERTA	10	34,627	1,170	167,467

NORTHWEST TERRITORY	12	572	168	183,501
SASKATCHEWAN	12	18,508	519	415,587
MANITOBA	0	0	262	14,200
ONTARIO	6	5,056	285	28,329
QUEBEC	3	0	284	2,098
NEWFOUNDLAND	7	1,882	103	2,201
NEW BRUNSWICK	0	0	169	204
NOVA SCOTIA	0	0	203	464
PRINCE EDWARD ISLAND	0	0	4	2
NATIONAL PARKS	3	132,637	79	362,217
TOTALS	87	193,855	4,076	1,352,282

* 1 Hectare = 2.47 Acres

Predictive Services Discussion High pressure over the Great Basin will expand into northern California and the Pacific Northwest today with another wave of near record hot and dry conditions over the western U.S. Showers and thunderstorms will rotate under the high pressure ridge in California, the Great Basin and the central Rockies with some precipitation, but widespread wetting rain is not expected. Scattered showers and thunderstorms will also form along a cold front from the Mississippi Valley eastward to the Ohio Valley. Heavy rain is possible in the Eastern part of Alaska with showers and thunderstorms moving from east to west. Generally warmer and drier conditions are expected for the western half of the state.

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

This report contains information derived from the National Fire and Aviation Management Web Applications (FAMWEB) system and other sources to provide relative information about emerging and ongoing incident activity. This information is considered operational in nature, is subject to change, and therefore may not match official year-to-date agency records.

**** National Interagency Coordination Center ****



Take 5@2

June 30 – July 6, 2015



New Research on Safety Zones

[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.