## National Interagency Coordination Center Incident Management Situation Report Friday, August 12, 2016 – 0530 MT National Preparedness Level 3

## **National Fire Activity**

Initial attack activity:	Light (105 new fires)
New large incidents:	2
Large fires contained:	2
Uncontained large fires:**	29
Area Command Teams Committed:	0
NIMOs committed:	1
Type 1 IMTs committed:	5
Type 2 IMTs committed:	9

<sup>\*\*</sup>Uncontained large fires include only fires being managed under a full suppression strategy.

Link to Geographic Area daily reports.

One MAFFS C-130 air tanker and support personnel each from the 153<sup>rd</sup> Airlift Wing, (Wyoming Air National Guard) and the 302<sup>nd</sup> Airlift Wing, (Colorado Springs, Air Force Reserve) have been deployed to Boise, ID in support of wildland fire operations.

One Convair 580 airtanker group from British Columbia has been deployed to Billings, MT in support of wildland fire operations.

### Southern California Area (PL 3)

New fires:	17
New large incidents:	0
Uncontained large fires:	5
Type 1 IMTs committed:	3
Type 2 IMTs committed:	2

**Soberanes**, San Benito-Monterey Unit, Cal Fire. Cal Fire IMT 1 (Derum) and IMT 1 (Vontillow). Seven miles northwest of Big Sur, CA. Timber, chaparral and tall grass. Moderate fire behavior with short-range spotting, flanking and backing. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

**Pilot**, San Bernardino, NF. IMT 2 (Wakoski). Three miles west of Lake Arrowhead, CA. Timber, chaparral and brush. Moderate fire behavior. Numerous structures threatened. Evacuations, road, trail and area closures in effect.

**Mineral**, Fresno-Kings Unit, Cal Fire. Cal Fire IMT 1 (Gouvea). Nine miles southwest of Coalinga, CA. Brush and grass. Active fire behavior with uphill runs. Structures threatened. Road closures in effect.

**Horseshoe**, Inyo NF. IMT 2 (Laeng). Twelve miles southwest of Lone Pine, CA. Timber and brush. Moderate fire behavior with spotting, creeping and single-tree torching. Structures threatened. Evacuations and road closures in effect. Reduction in acreage due to more accurate mapping.

**Clark**, Inyo NF. Seven miles east of June Lake, CA. Timber, brush and short grass. Minimal fire behavior. Sage grouse habitat threatened.

Incident Name	Unit	Siz	ze	%	Ctn/ Est		Personnel		Re	esource	S	Strc	\$\$	Origin
modent Name	Offic	Acres	Chge		Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Soberanes	CA-BEU	69,837	1,139	55	Ctn	8/31	4,508	-314	90	258	19	68	113M	ST
Pilot	CA-BDF	7,899	38	70	Ctn	8/14	1,324	388	45	49	12	0	9.9M	FS

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Perso	onnel	Re	esource	s	Strc	\$\$	Origin
	Offic	Acres	Chge	70	Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Mineral	CA-KFU	7,050	2,050	25	Ctn	8/15	1,566	452	41	132	10	2	4.7M	ST
Horseshoe	CA-INF	362	-38	50	Ctn	8/14	349	83	9	16	5	0	400K	FS
Clark	CA-INF	2,819	0	95	Ctn	8/12	194	-319	3	7	1	0	3.6M	FS

## **Great Basin Area (PL 4)**

New fires:	14
New large incidents:	0
Uncontained large fires:	6
Type 1 IMTs committed:	1
Type 2 IMTs committed:	2

**Pioneer**, Boise NF. IMT 1 (Wilkins) and IMT 2 (Chadwick). Eight miles north of Idaho City, ID. Timber. Active fire behavior with torching, spotting and uphill runs. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

**Strawberry**, Great Basin NP. IMT 2 (DeMasters). Started on BLM land five miles west of Baker, NV. Timber, brush and short grass. Active fire behavior with backing, flanking and group torching. Structures threatened. Road, trail and area closures in effect. Reduction in acreage due to more accurate mapping.

**Overland**, Ely District Office, BLM. Forty miles northeast of Eureka, NV. Chaparral, brush and short grass. Moderate fire behavior with isolated torching and smoldering. Road and area closures in effect. Sage grouse habitat threatened. Reduction in acreage due to more accurate mapping.

**Broad Mouth**, Bear River Area, Utah DOF. Fifteen miles northwest of Tremonton, UT. Brush and tall grass. Minimal fire behavior with smoldering and isolated torching. Structures and sage-grouse habitat threatened.

**Dry Creek**, Sawtooth NF. Six miles northwest of Stanley, ID. Timber. Minimal fire behavior with creeping and smoldering. Trail closures in effect.

**Power line**, Fort Hall Agency, BIA. Seven miles southeast of American Falls, ID. Brush and short grass. Minimal fire behavior with isolated torching and smoldering. Residences threatened. Road and area closures in effect.

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Perso	onnel	Re	esourc	es	Strc	\$\$	Origin
moident Name	Offic	Acres	Chge	70	Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Pioneer	ID-BOF	65,285	499	37	Ctn	9/30	1,459	-41	37	48	11	5	34.7M	FS
Strawberry	NV-GBP	4,700	-207	30	Ctn	8/19	365	17	12	9	4	0	767K	BLM
Overland	NV-ELD	7,695	-1,205	65	Ctn	8/14	312	69	9	8	2	0	430K	BLM
Broad Mouth	UT-BRS	20,616	0	91	Ctn	8/13	71	3	2	5	0	3	2.2M	ST
Dry Creek	ID-STF	788	0	90	Ctn	8/12	140	-55	5	6	2	0	1.2M	FS
Power Line	ID-FHA	3,106	2,318	43	Ctn	8/12	113	46	1	15	0	0	370K	BIA

#### Rocky Mountain (PL 3)

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

**Hunter Peak**, Shoshone NF. IMT 1 (Pechota). Fifteen miles southeast of Cooke City, MT. Closed timber litter, brush and short grass. Active fire behavior with flanking, group torching and creeping. Numerous structures threatened. Evacuations and trail closures in effect. Reduction in acreage due to more accurate mapping.

**Twin Lakes**, Wind River/Bighorn Basin District, BLM. IMT 2 (Esperance). Previously reported as Babaganoush incident. Forty-five miles south of Cody, WY. Timber, brush and short grass. Active fire behavior with torching, creeping and short crown runs. Residences threatened.

**Beaver Creek**, Routt NF. NIMO (Quesinberry). Twenty-four miles north of Walden, CO. Timber and brush. Minimal fire behavior with creeping, smoldering and isolated torching. Numerous structures threatened. Evacuations, road, area and trail closures in effect. Sage grouse habitat threatened.

**Whit**, Park County. Started on BLM land 12 miles west of Cody, WY. Timber, brush and tall grass. Moderate fire behavior with isolated torching and creeping. Trail and area closures in effect.

**Lava Mountain**, Shoshone NF. Twenty miles northwest of Dubois, WY. Timber, heavy logging slash and short grass. Minimal fire behavior. Road and trail closures in effect.

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Perso	onnel	R	esourc	es	Strc	\$\$	Origin
moldent Name	Offic	Acres	Chge	70	Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Hunter Peak	WY-SHF	1,347	-53	0	Ctn	10/1	213	114	5	11	4	0	900K	FS
Twin Lakes	WY-WBD	1,500	1,300	0	Ctn	8/20	76	22	1	6	3	0	200K	BLM
Beaver Creek	CO-RTF	35,645	102	41	Ctn	10/21	227	-7	1	25	4	17	19.2M	FS
Whit	WY-PAX	12,387	0	85	Ctn	8/24	221	-198	1	12	2	8	5.7M	BLM
Lava Mountain	WY-SHF	14,644	0	95	Ctn	9/1	144	-53	2	13	2	0	18.3M	FS
* Montrose	NE-NBF	926		100	Ctn		3		0	1	0	0	20K	FS

NE-NBF - Nebraska NF

### Northwest Area (PL 3)

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

**Rail**, Wallowa-Whitman, NF. IMT 2 (Harrod). Five miles west of Unity, OR. Timber. Moderate fire behavior with single tree torching, running and backing. Road, trail and area closures in effect.

**Juntura Complex** (2 fires), Vale District, BLM. Transfer of command from IMT 2 (Gales) back to the local unit will occur 8/14. Thirty miles southwest of Vale, OR. Brush and tall grass. Minimal fire behavior with creeping and smoldering. Structures and sage grouse habitat threatened.

**Kewa**, Colville Agency, BIA. Transfer of command from IMT 2 (Goff) back to the local unit will occur today. Thirty-one miles southwest of Colville, WA. Timber, closed timber litter and brush. Minimal fire behavior. Evacuations and road closures in effect.

**Orejana Flat**, Burns District, BLM. Thirty miles northeast of Frenchglen, OR. Timber, brush and tall grass. No new information.

**Heritage**, Columbia River Gorge National Scenic Area. Eleven miles east of The Dalles, OR. Brush and short grass. Minimal fire behavior. Last report unless significant activity occurs.

**Gibbon**, Pendleton Unit, ODF. Twenty miles east of Pendleton, OR. Timber, brush and short grass. Minimal fire behavior with backing and creeping.

\* **Division Road,** Mid-Columbia National Wildlife Refuge, FWS. Seventeen miles west of Othello, WA. Brush and short grass. Minimal fire behavior. Last report unless significant activity occurs.

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Perso	nnel	Re	esource	es	Strc	\$\$	Origin
modent Name	Offic	Acres	Chge	70	Comp	LSi	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Rail	OR-WWF	11,800	297	10	Ctn	8/31	667	-50	17	21	8	0	7.9M	FS
Juntura Complex	OR-VAD	24,301	0	77	Ctn	8/14	445	23	10	19	4	0	2.1M	BLM
Kewa	WA-COA	1,889	0	90	Ctn	8/12	291	-95	6	5	1	0	4.2M	BIA
Orejana Flat	OR-BUD	897		80	Ctn	8/15	78		2	6	0	0	350K	BLM
Heritage	OR-CGF	900	0	86	Ctn	UNK	2	-65	0	0	0	0	60K	FS
Gibbon	OR-973S	316	50	40	Ctn	8/14	57	-3	3	4	1	0	389K	ST
* Division Road	WA-MCR	720		99	Ctn	8/12	12		0	3	0	0	150K	FWS

## Northern Rockies Area (PL 2)

New fires:7New large incidents:0Uncontained large fires:2Type 2 IMTs committed:1

**Copper King**, Lolo NF. Transfer of command from IMT 2 (Thompson) back to the local unit will occur tomorrow. Seven miles east of Thompson Falls, MT. Timber. Minimal fire behavior. Residences threatened. Road, area and trail closures in effect.

**Race Horse Gulch**, Flathead Agency, BIA. Twenty-two miles east of Plains, MT. Timber and tall grass. Minimal fire behavior.

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Perso	nnel	Re	esource	es	Strc	\$\$	Origin
incluent Name	Offic	Acres	Chge	70	Comp	5	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Copper King	MT-LNF	1,465	0	20	Ctn	10/31	305	-20	7	8	3	0	5.5M	FS
Race Horse Gulch	MT-FHA	4,580	0	47	Ctn	8/15	82	-64	3	2	0	0	625K	BIA

#### Northern California (PL 3)

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

**Cold**, Sonoma–Lake Napa Unit, Cal Fire. Seven miles west of Winters, CA. Chaparral and grass. Minimal fire behavior.

Incident Name	Unit	Size %		Ctn/ Est		Personnel		Resources			Strc		Origin	
		Acres	Chge	70	Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Cold	CA-LNU	5,731	0	99	Ctn	8/13	110	-1	2	7	2	2	10.3M	ST

### Southern Area (PL 2)

New fires:14New large incidents:0Uncontained large fires:1

**Hognose**, Sabine National Wildlife Refuge, FWS. Twenty-nine miles southwest of Lake Charles, LA. Tall grass. Minimal fire behavior. Precipitation occurred over the fire area yesterday.

Incident Name	Unit	Size		%	% Ctn/		Personnel		Resources			Strc	\$\$	Origin
		Acres	Chge	70	Comp	Est -	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Hognose	LA-SBR	502	0	95	Ctn	8/12	4	-13	0	0	0	0	69K	FWS
Horse Creek Ranch	TX-TXS	6,623		100	Ctn		1	-21	0	0	0	0	NR	PRI

TX-TXS - Texas A&M Forest Service

#### Eastern Area (PL 1)

New fires:2New large incidents:0Uncontained large fires:1

**Poverty Island**, Michigan Agency, BIA. Started on BLM land 17 miles south of Garden, MI. Heavy logging slash. Minimal fire behavior. Structures threatened.

	Incident Name	Unit	Unit Size		% Ctn/ Comp	Ctn/	Est	Personnel		Resources		Strc	\$\$	Origin	
modern Name	Offic	Acres	Chge	200		Total	Chge	Crw	Eng	Heli	Lost	CTD	Own		
	Poverty Island	MI-MIA	127	0	20	Ctn	UNK	0	-15	0	0	0	0	200K	BLM

#### Southwest Area (PL 2)

New fires:13New large incidents:0Uncontained large fires:0

**Eden #4,** Coconino NF. Previously reported incident. Forty-five miles southeast of Flagstaff, AZ. Timber. Minimal fire behavior with creeping. Last report unless significant activity occurs.

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Personnel		Resources		es	Strc	\$\$	Origin
modent Name	Offic	Acres	Chge	70	Comp	Lot	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Eden #4	AZ-COF	1175	675	80	Comp	8/15	15	-5	0	1	0	0	25K	FS
Rim	AZ-SCA	8872	5,872	100	Comp		2	-5	0	0	0	0	70K	BIA

AZ-SCA - San Carlos Agency, BIA

Active	Incid	ent Resource Si	ummar	у		
GACC	Fires	<b>Cumulative Acres</b>	Crews	Engines	Helicopters	Total Personnel
AICC	2	72,818.7	0	0	0	0
NWCC	17	238,136	44	112	15	1,817
ONCC	1	5,731	2	7	2	110
oscc	8	131,762	187	469	48	8,067
NRCC	16	15,647	16	23	9	667
GBCC	18	166,197.65	85	113	25	3,090
SWCC	12	32,823	0	18	0	146
RMCC	9	84,303	12	72	17	987
EACC	0	0	0	0	0	0
SACC	8	16,219	0	5	0	20
Total	91	763,637.35	346	819	116	14,904

# Fires and Acres Yesterday (by Protection):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES		0			1	0	1
Alaska Alea	ACRES		135			0	0	135
Northwest Area	FIRES	0	0	1	0	3	4	8
Northwest Alea	ACRES	0	0	720	0	7	0	727
Northern California Area	FIRES	1	0	0	1	12	2	16
Northern California Area	ACRES	0	0	0	0	22	0	22
Southern California Area	FIRES	0	1	0	0	15	1	17
Southern Camornia Area	ACRES	0	0	0	0	6,564	1,113	7,677
Northern Rockies Area	FIRES	0	0	0	0	4	3	7
Notthern Nockies Alea	ACRES	0	0	0	0	1	1	2
Great Basin Area	FIRES	0	6	0	2	2	4	14
Gleat Basili Alea	ACRES	2,318	18	0	4	0	599	2,939
Southwest Area	FIRES	1	3	0	0	3	6	13
Southwest Area	ACRES	0	0	0	0	1	475	476
Rocky Mountain Area	FIRES	1	5	0	0	5	2	13
Rocky Mountain Area	ACRES	250	1,312	0	0	501	79	2,142
Footorn Area	FIRES	0		0	0	1	1	2
Eastern Area	ACRES	0		0	0	15	1	16
Southorn Arca	FIRES	1		0	0	13	0	14
Southern Area	ACRES	1		0	0	131	0	132
TOTAL FIRES:		4	15	1	3	59	23	105
TOTAL ACRES:		2,569	1,465	720	4	7,242	2,268	14,268

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	178	0	0	326	14	518
Alaska Alea	ACRES	0	392,705	0	0	104,823	3	497,531
Northwest Area	FIRES	244	147	24	22	917	435	1,789
Northwest Alea	ACRES	10,907	101,347	1,009	1,331	6,033	13,037	133,664
Northern California Area	FIRES	84	5	1	24	1,786	271	2,171
Northern Camornia Area	ACRES	134	11	1	3	28,580	8,736	37,465
Southern California Area	FIRES	11	68	6	32	2,196	252	2,565
Southern Camornia Area	ACRES	5,971	26,855	269	1,067	96,175	93,563	223,900
Northern Rockies Area	FIRES	551	78	9	22	864	282	1,806
Northern Nockies Area	ACRES	3,470	3,603	1,426	1,852	32,955	15,010	58,316
Great Basin Area	FIRES	23	525	6	30	458	327	1,369
Gleat Basiii Alea	ACRES	12,426	230,849	3	3,294	78,027	118,330	442,929
Southwest Area	FIRES	602	213	10	59	927	961	2,772
Southwest Area	ACRES	31,337	66,462	6,975	32,191	129,952	236,612	503,529
Rocky Mountain Area	FIRES	601	339	11	17	883	361	2,212
Rocky Mountain Area	ACRES	21,693	23,950	614	2,017	474,978	68,026	591,278
Eastern Area	FIRES	490	0	25	19	5,219	360	6,113
Eastern Area	ACRES	2,007	0	1,087	910	30,677	7,155	41,836
Southern Area	FIRES	342	0	25	54	14,590	436	15,447
Southern Area	ACRES	132,783	0	245	27,567	909,067	43,343	1,113,005
TOTAL FIRES:		2,948	1,553	117	279	28,166	3,699	36,762
TOTAL ACRES:		220,728	845,782	11,629	70,232	1,891,267	603,815	3,643,453

Ten Year Average Fires (2006 – 2015 as of today)	48,500
Ten Year Average Acres (2006 – 2015 as of today)	4,596,774

# Prescribed Fires and Acres Yesterday (by Ownership):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES		0			0	0	0
Alaska Alea	ACRES		0			0	0	0
Northwest Area	FIRES	0	0	0	0	0	0	0
Northwest Area	ACRES	0	0	0	0	0	0	0
Northern California Area	FIRES	0	0	0	0	0	0	0
Northern Camornia Area	ACRES	0	0	0	0	0	0	0
Southern California Area	FIRES	0	0	0	0	0	0	0
Southern California Area	ACRES	0	0	0	0	0	0	0
Northern Rockies Area	FIRES	0	0	0	0	0	0	0
Northern Rockies Area	ACRES	0	0	0	0	0	0	0
Great Basin Area	FIRES	0	0	0	0	0	0	0
Great Basiii Area	ACRES	0	0	0	0	0	0	0
Southwest Area	FIRES	0	0	0	0	0	0	0
Southwest Alea	ACRES	0	0	0	0	0	0	0
Rocky Mountain Area	FIRES	0	0	0	0	0	0	0
Rocky Mountain Area	ACRES	0	0	0	0	0	0	0
Eastern Area	FIRES	0		0	0	0	0	0
Easielli Alea	ACRES	0		0	0	0	0	0
Couthorn Arcs	FIRES	1		0	0	17	0	18
Southern Area	ACRES	271		0	0	590	0	861
TOTAL FIRES:		1	0	0	0	17	0	18
TOTAL ACRES:		271	0	0	0	590	0	861

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	7	0	0	2	1	10
Alaska Alea	ACRES	0	31,664	0	0	1,566	38	33,268
Northwest Area	FIRES	9	22	6	0	0	152	189
Northwest Alea	ACRES	8,752	1,991	356	0	0	24,097	35,196
Northern California Area	FIRES	4	1	9	8	0	126	148
Northern Camornia Area	ACRES	41	90	3,356	328	0	8,244	12,059
Southern California Area	FIRES	0	5	4	1	0	136	146
Southern Camornia Area	ACRES	0	71	422	760	0	3,587	4,840
Northern Rockies Area	FIRES	12	12	53	11	14	149	251
Northern Rockies Area	ACRES	5,316	4,358	12,318	651	698	14,894	38,235
Great Basin Area	FIRES	4	22	6	5	36	74	147
Gleat Dasiii Alea	ACRES	110	2,296	3,584	128	915	26,112	33,145
Southwest Area	FIRES	8	30	3	8	1	114	164
Southwest Area	ACRES	894	26,591	92	2,331	2	62,893	92,803
Rocky Mountain Area	FIRES	16	33	58	24	76	69	276
Nocky Wouldain Area	ACRES	1,286	2,908	26,221	10,952	4,482	27,771	73,620
Eastern Area	FIRES	87	0	347	23	900	182	1,539
Lastem Area	ACRES	45,614	0	50,949	5,774	61,444	56,182	219,963
Southern Area	FIRES	19	0	182	65	10,182	914	11,362
Southern Alea	ACRES	2,181	0	160,866	51,546	668,490	831,657	1,714,740
TOTAL FIRES:		159	132	668	145	11,211	1,917	14,232
TOTAL ACRES:		64,194	69,969	258,164	72,470	737,597	1,055,475	2,257,869

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

Additional wildfire information is available through the Geographic Areas at <a href="http://gacc.nifc.gov/">http://gacc.nifc.gov/</a>

#### **Canada Fires and Hectares**

PROVINCES	FIRES	HECTARES	FIRES	HECTARES
	YESTERDAY	YESTERDAY	YEAR-TO-DATE	YEAR-TO-DATE
BRITISH COLUMBIA	12	5	775	93,974
YUKON TERRITORY	0	0	49	16,375
ALBERTA	2	0	1,186	611,710
NORTHWEST				
TERRITORY	1	1	179	196,683
SASKATCHEWAN	1	6	348	230,972
MANITOBA	0	0	184	35,571
ONTARIO	11	20	578	86,858
QUEBEC	5	0	520	32,621
NEWFOUNDLAND	0	0	80	10,959
NEW BRUNSWICK	7	7	259	260
NOVA SCOTIA	10	124	233	752
PRINCE EDWARD				
ISLAND	0	0	6	19
NATIONAL PARKS	0	0	52	6,434
TOTALS	49	162	4,449	1,323,188

<sup>\* 1</sup> Hectare = 2.47 Acres

Predictive Services Discussion: Rain and thunderstorms will continue across much of the eastern U.S. Scattered thunderstorms will also spread from the Rockies Front Range to the Great Lakes. Widely scattered thunderstorms will develop over the northern Rockies. Texas will remain hot while the central and northern Plains cool. The East will be warm. Cool conditions will continue in the central and northern Rockies while the remainder of the West warms. Scattered showers and a few thunderstorms will continue in southern and western Alaska. Temperatures will continue warm in the eastern and central Interior and the North Slope. The South and West will be mild.

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



#### **EXTREME FIRE BEHAVIOR 2**

Weather / Fire Behavior Category

Mild, moderate and EXTREME fire behavior has always been present in cases of shelter deployment. It is critical for firefighters to maintain situational awareness of live and dead fuel moisture conditions as well as predicted and current weather conditions. As fire behavior changes, it is critical to respond correctly to the changing situation.

- Discuss how the following factors can contribute or lead to extreme fire behavior:
  - Frost Kill: Has there been a late or unusually extensive freeze? Is the loading of frost-killed fuels high?
  - Drought Conditions: Live Fuel Moistures Index, KBDI, Soil Moisture Index, low humidity, high temperatures
  - Slope: Increases fire spread uphill, preheats fuels by convection, may channel winds

Sea Breeze/Foehn: Wind direction may vary throughout the day, humidity changes may occur; strong wind velocities may drive fire behavior to extremes.

- To aid situational awareness, track NFDRS live and dead fuel moisture outputs.
- Take hourly weather observations and track the hourly changes. By tracking fuel moisture and weather observations and using Fire Severity Related to Fuel Moisture Chart, firefighters can be alerted to those conditions that can lead to situations where there is a high potential for extreme fire behavior.

References: Incident Response Pocket Guide