

**National Interagency Coordination Center
Incident Management Situation Report
Friday, January 22, 2010 – 0800 MT
National Preparedness Level 1**

National Fire Activity (Weekly Total)

Initial attack activity: Light (211 new fires)
 New large fires: 3 (*)
 Large fires contained: 0
 Uncontained large fires : ** 0
 Area Command Teams committed: 0
 NIMOs committed: 0
 Type 1 IMTs committed: 0
 Type 2 IMTs committed: 0

Nationally, there are 0 large fires being managed with minimal or no resource commitment.

** Uncontained large fires do not include confine/contain and resource benefit incidents.

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

Southwest Area (PL 1)

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

Incident Name	St	Unit	Size	Size Chge 24 Hrs	% Ctn	Est Ctn	Totl Pers	Pers Chge 24 Hrs	Crw	Eng	Heli	Strc Lost	\$\$ CTD	Origin Own
* Etchevery	NM	N5S	6,772	---	100	---	0	---	0	0	0	0	12K	ST

N5S – Capitan District, New Mexico State Forestry

Southern Area (PL 1)

New fires: 184
 New large fires: 2
 Uncontained large fires: 0

Incident Name	St	Unit	Size	Size Chge 24 Hrs	% Ctn	Est Ctn	Totl Pers	Pers Chge 24 Hrs	Crw	Eng	Heli	Strc Lost	\$\$ CTD	Origin Own
* Josephine	FL	FLS	322	---	100	---	14	---	0	2	1	0	NR	ST
* Gill Road	FL	FLS	300	---	100	---	0	---	0	0	0	0	NR	ST

FLS – Florida DOF

Southern California Area (PL 2)

New fires: 9
New large fires: 0
Uncontained large fires: 0

Incident Name	St	Unit	Size	Size Chge 24 Hrs	% Ctn	Est Ctn	Totl Pers	Pers Chge 24 Hrs	Crw	Eng	Heli	Strc Lost	\$\$ CTD	Origin Own
Tenaja	CA	CNF	107	---	100	---	1	---	0	1	6	0	500K	FS

CNF – Cleveland NF

Predictive Services Discussion: It will be windy with low humidity today over southeast New Mexico and west Texas. Rain and mountain snow is on tap through Saturday for Southern California and the Southwest with drier weather on Sunday. The Southeast will be mostly dry today. Rain will spread into the Mississippi River Valley on Saturday and spread to the rest of the Southeast on Sunday.

[Link](#) to Predictive Services Outlook products.



**Today's discussion is from the
Weather / Fire Behavior Category.**

EXTREME FIRE BEHAVIOR

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 the following indicators of extreme fire behavior:

- Relative humidity less than 15%
- 1-hour fuel moisture less than 5%
- Transition from surface to crown fire
- Smoldering fires that exist in the early part of the day are beginning to burn very actively as the day progresses.
- Approaching thunderheads with dark clouds beneath
- Presence of dust devils indicating an unstable atmosphere
- Increased spotting
- Sudden calm
- High clouds moving fast in direction different from surface wind
- Predicted Haines Index of 5 and 6 in those areas where this level is a good indicator of atmospheric instability
- Fire whirls

● 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:

[Fireline Handbook](#)

[Incident Response Pocket Guide](#)

Have an idea? Have feedback? Share it.

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Fires and Acres Last Week

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES							0
	ACRES							0
Northwest	FIRES		1					1
	ACRES		0					0
Northern California	FIRES					7	2	9
	ACRES					0	1	1
Southern California	FIRES					6	3	9
	ACRES					0	0	0
Northern Rockies	FIRES							0
	ACRES							0
Eastern Great Basin	FIRES							0
	ACRES							0
Western Great Basin	FIRES							0
	ACRES							0
Southwest	FIRES	1	4			3		8
	ACRES	0	0			1		1
Rocky Mountain	FIRES							0
	ACRES							0
Eastern Area	FIRES							0
	ACRES							0
Southern Area	FIRES	14		4		165	1	184
	ACRES	0		298		1,201	1	1,500
TOTAL	FIRES	15	5	4	0	181	6	211
	ACRES	0	0	298	0	1,202	2	1,502

Fires and Acres Year-to-Date

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES							0
	ACRES							0
Northwest	FIRES		1			1	2	4
	ACRES		0			0	0	0
Northern California	FIRES					23	3	26
	ACRES					0	1	1
Southern California	FIRES					30	6	36
	ACRES					22	0	22
Northern Rockies	FIRES							0
	ACRES							0
Eastern Great Basin	FIRES							0
	ACRES							0
Western Great Basin	FIRES		1					1
	ACRES		0					0
Southwest	FIRES	3	6			3	7	19
	ACRES	0	5,000			1	1,288	6,289
Rocky Mountain	FIRES						1	1
	ACRES						0	0
Eastern Area	FIRES					19		19
	ACRES					232		232
Southern Area	FIRES	21		5		589	17	632
	ACRES	177		299		3,644	3,680	7,800
TOTAL	FIRES	24	8	5	0	665	36	738
	ACRES	177	5,000	299	0	3,899	4,969	14,344

Seven Year Average Fires	1,205
Seven Year Average Acres	79,554

*** Changes in some agency YTD acres reflect more accurate mapping or reporting adjustments. ***

Prescribed Fires and Acres Last Week

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES							0
	ACRES							0
Northwest	FIRES		1				3	4
	ACRES		20				190	210
Northern California	FIRES			0	2		15	17
	ACRES			2	2		336	340
Southern California	FIRES			1			11	12
	ACRES			10			52	62
Northern Rockies	FIRES							0
	ACRES							0
Eastern Great Basin	FIRES		3				1	4
	ACRES		5				15	20
Western Great Basin	FIRES						1	1
	ACRES						6	6
Southwest	FIRES		1					1
	ACRES		1,900					1,900
Rocky Mountain	FIRES		1			1	4	6
	ACRES		3			0	777	780
Eastern Area	FIRES							0
	ACRES							0
Southern Area	FIRES			6	3	30	19	58
	ACRES			565	6,000	5,974	23,238	35,777
TOTAL	FIRES	0	6	7	5	31	54	103
	ACRES	0	1,928	577	6,002	5,974	24,614	39,095

Prescribed Fires and Acres Year-to-Date

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES							0
	ACRES							0
Northwest	FIRES		6	1			11	18
	ACRES		90	80			247	417
Northern California	FIRES		1	1	2		66	70
	ACRES		1	2	7		1,354	1,364
Southern California	FIRES		2	2			16	20
	ACRES		531	17			118	666
Northern Rockies	FIRES	9						9
	ACRES	43						43
Eastern Great Basin	FIRES		5			3	2	10
	ACRES		8			18	21	47
Western Great Basin	FIRES						1	1
	ACRES						6	6
Southwest	FIRES		1		1		20	22
	ACRES		630		0		2,384	3,014
Rocky Mountain	FIRES		3	2		11	21	37
	ACRES		12	47		153	1,585	1,797
Eastern Area	FIRES					6		6
	ACRES					372		372
Southern Area	FIRES	1		20	9	98	92	220
	ACRES	375		7,812	9,219	31,009	70,297	118,712
TOTAL	FIRES	10	18	26	12	118	229	413
	ACRES	418	1,272	7,958	9,226	31,552	76,012	126,438

*** 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/>.

** National Interagency Coordination Center **