

**INCIDENT MANAGEMENT SITUATION REPORT**  
**SUNDAY, JANUARY 1, 2006 1000 MST**  
**NATIONAL PREPAREDNESS LEVEL 1**

**CURRENT SITUATION:**

Initial attack activity was light nationally with 6 new fires reported. Three new large fires were reported, and three were contained in the Southern Area. Very high to extreme fire indices were reported in Texas and Oklahoma.

**SOUTHERN AREA INCIDENTS/LARGE FIRES:**

NORTH CENTRAL TEXAS IA, Texas Forest Service. A Unified Command between a Type 1 Incident Management Team (Quesinberry) and a Type 2 Incident Commander (Hannemann), representing the state of Texas, is in place in Granbury, TX. The Unified Command will assist local resources in managing existing fires and initial attack within the established 220,000 square mile response area in Texas. Three fires for 37 acres were controlled within the response area yesterday. Size and cost figures in the table represent cumulative fire activity to date for the response area.

SHERWOOD, Wewoka Agency, Bureau of Indian Affairs. This fire is five miles south of Wewoka, OK in grass and timber. Two outbuildings were destroyed. Extreme fire behavior was observed. Air tankers aided suppression efforts. Containment lines have been secured.

DUCK HEAD, Buffalo National River, National Park Service. This fire is near Cozahoma, AR in a designated wilderness area. Residences, infrastructure and businesses are potentially threatened. No further information was received.

PINE SPRINGS, Oklahoma Division of Forestry. This fire is ten miles north of Centerpoint, OK in grass and understory. The fire is currently in patrol status.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD	ORIGIN OWN
NORTH CENTRAL TEXAS IA	TX	TXS	26,309	N/A	N/A	231	0	3	11	0	1.4M	N/A
SHERWOOD	OK	WEA	4,100	90	1/2	20	1	0	0	2	NR	BIA
DUCK HEAD	AR	BUP	1,200	NR	UNK	20	0	0	0	0	NR	NPS
PINE SPRINGS	OK	OKS	6,621	95	1/3	10	0	1	0	4	NR	ST
MISSION	OK	WEA	3,500	100	---	30	1	2	0	25	500K	BIA
ALLEN	OK	OKS	1,602	100	---	3	0	1	0	5	NR	ST
SPORTSMAN LAKE	OK	OKS	5,760	100	---	52	0	16	0	0	NR	PRI

OKS Oklahoma Division of Forestry

## OUTLOOK:

**Weather Discussion:** A weather system moving across Southern Plains will bring warm, dry and very windy conditions today to eastern New Mexico, Texas and Oklahoma as well as southern portions of Kansas and Missouri. The dry, windy conditions should moderate some on Monday.



[http://www.nifc.gov/sixminutes/dsp\\_sixminutes.php](http://www.nifc.gov/sixminutes/dsp_sixminutes.php)

## HYDRATION

Studies conducted on wildland firefighters indicate that fire suppression activities generate about 7.5 kilocalories of heat each minute worked, or 450 kilocalories for each hour. Additional heat (about 180 kilocalories per hour) comes from the environment and the fire. The total heat load amounts to 580 kilocalories per hour ( $400 + 180 = 580$ ). Complete evaporation of 1 liter of sweat removes 580 kilocalories of heat. In order to maintain a healthy body temperature, the firefighter needs to evaporate about 1 liter (slightly more than 1 quart) of sweat during each hour of work.

- Maintaining body fluids is essential for sweating. You must hydrate before, during, and after work.
- Before work you should take extra fluids to prepare for the heat. Drink 1 or 2 cups of water, juice, or a sport drink before work. Avoid excess caffeine; it hastens fluid loss in the urine.
- While working drink at least 1 quart of fluid per hour. Drink as much as you can during the lunch break. Water is your greatest need during work in the heat.
- Providing a portion of fluid replacement with a carbohydrate/electrolyte sport beverage will help you retain fluids and maintain energy and electrolyte levels.
- After work it is important to continue drinking to replace fluid losses. Thirst always underestimates fluid needs, so you should drink more than you think you need.
- Rehydration is enhanced when fluids contain sodium and potassium, or when foods with these electrolytes are consumed along with the fluid.
- Unacclimatized workers lose more salt in the heat so they need to pay particular attention to salt replacement. Don't overdo salt intake; too much salt impairs temperature regulation. Excessive salt can cause stomach distress, fatigue, and other problems.
- Make potassium-rich foods like bananas and citrus fruits a regular part of your diet, and drink lots of lemonade, orange juice, or tomato juice.
- Limit the amount of caffeine drinks such as coffee and colas because caffeine increases fluid loss. Avoid alcoholic drinks. They also cause dehydration.
- You can assess your hydration by observing the volume, color, and concentration of your urine. Low volumes of dark, concentrated urine, or painful urination indicate a serious need for rehydration. Other signs of dehydration include a rapid heart rate, weakness, excessive fatigue, and dizziness.
- Rapid loss of several pounds of body weight is a certain sign of dehydration. Rehydrate before returning to work; continuing to work in a dehydrated state can lead to serious consequences, including heat stroke, muscle breakdown, and kidney failure.

# FIRES AND ACRES YESTERDAY:

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES							0
	ACRES							0
Northwest	FIRES							0
	ACRES							0
Northern California	FIRES						2	2
	ACRES						27	27
Southern California	FIRES							0
	ACRES							0
Northern Rockies	FIRES							0
	ACRES							0
Eastern Great Basin	FIRES							0
	ACRES							0
Western Great Basin	FIRES							0
	ACRES							0
Southwest	FIRES							0
	ACRES							0
Rocky Mountain	FIRES							0
	ACRES							0
Eastern Area	FIRES							0
	ACRES							0
Southern Area	FIRES						4	4
	ACRES						10	10
TOTAL	FIRES	0	0	0	0	0	6	6
	ACRES	0	0	0	0	0	37	37

**FIRES AND ACRES YEAR-TO-DATE (THROUGH 12/31/2005):**

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES	5	96	60	15	403	28	607
	ACRES	3,407	1,774,517	1,724,311	37,850	899,727	337	4,440,149
Northwest	FIRES	176	244	29	38	1,399	939	2,825
	ACRES	28,233	43,360	11,797	122	154,372	103,259	341,143
Northern California	FIRES	170	31	13	15	2,353	528	3,110
	ACRES	252	24,898	68	101	27,296	9,140	61,755
Southern California	FIRES	127	121	15	57	2,991	742	4,053
	ACRES	1,283	5,987	138	74,223	48,929	10,443	141,003
Northern Rockies	FIRES	497	62	33	12	660	667	1,931
	ACRES	20,389	8,773	9,798	25	38,346	51,735	129,066
Eastern Great Basin	FIRES	53	730	8	36	728	603	2,158
	ACRES	23,199	681,080	6	2,708	151,396	94,973	953,362
Western Great Basin	FIRES	9	514	19	26	113	117	798
	ACRES	3,069	883,272	13,312	258	114,133	18,070	1,032,114
Southwest	FIRES	1,666	366	41	65	1,489	1,595	5,222
	ACRES	35,940	159,404	35,642	9,881	173,772	424,138	838,777
Rocky Mountain	FIRES	1,503	491	40	30	725	549	3,338
	ACRES	14,727	10,430	2,393	30	32,736	25,897	86,213
Eastern Area	FIRES	595		73	60	11,810	651	13,189
	ACRES	7,114		2,336	972	66,270	10,731	87,423
Southern Area	FIRES	309		50	36	25,924	753	27,072
	ACRES	57,120		22,648	2,016	315,380	29,874	427,038
TOTAL	FIRES	5,110	2,655	381	390	48,595	7,172	64,303
	ACRES	194,733	3,591,721	1,822,449	128,186	2,022,357	778,597	8,538,043

<b>Five Year Average Fires</b>	<b>69,082</b>
<b>Five Year Average Acres</b>	<b>4,311,346</b>

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

**PRESCRIBED FIRES AND ACRES YESTERDAY:**

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES							0
	ACRES							0
Northwest	FIRES							0
	ACRES							0
Northern California	FIRES						0	0
	ACRES						80	80
Southern California	FIRES							0
	ACRES							0
Northern Rockies	FIRES							0
	ACRES							0
Eastern Great Basin	FIRES							0
	ACRES							0
Western Great Basin	FIRES							0
	ACRES							0
Southwest	FIRES							0
	ACRES							0
Rocky Mountain	FIRES							0
	ACRES							0
Eastern Area	FIRES							0
	ACRES							0
Southern Area	FIRES							0
	ACRES							0
TOTAL	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	80	80

**PRESCRIBED FIRES AND ACRES YEAR-TO-DATE (THROUGH 12/31/2005):**

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES					4		4
	ACRES					626		626
Northwest	FIRES	38	275	90	3	1	654	1,061
	ACRES	8,454	43,411	4,921	265	1	55,145	112,197
Northern California	FIRES	17	26	147	48		496	734
	ACRES	228	1,517	26,049	9,191		36,754	73,739
Southern California	FIRES	2	7	9	22	9	120	169
	ACRES	1,095	427	1,064	6,255	87	12,428	21,356
Northern Rockies	FIRES	9	42	108	6	101	420	686
	ACRES	495	5,143	24,014	195	5,815	43,237	78,899
Eastern Great Basin	FIRES	2	40	6	12	57	113	230
	ACRES	15	20,447	1,460	123	6,738	36,533	65,316
Western Great Basin	FIRES		14	11	3		3	31
	ACRES		6,418	3,461	348		2,928	13,155
Southwest	FIRES	17	61	2	14	1	481	576
	ACRES	21,930	53,815	3,210	17,872	300	110,970	208,097
Rocky Mountain	FIRES	53	57	121	23	53	184	491
	ACRES	7,856	24,859	22,364	12,725	7,477	48,135	123,416
Eastern Area	FIRES	44		523	39	1,146	214	1,966
	ACRES	17,741		71,994	4,841	73,301	43,167	211,044
Southern Area	FIRES	34		184	61	432	1,176	1,887
	ACRES	7,180		109,366	55,212	284,793	940,686	1,397,237
TOTAL	FIRES	216	522	1,201	231	1,804	3,861	7,835
	ACRES	64,994	156,037	267,903	107,027	379,138	1,329,983	2,305,082

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

**WFU FIRES AND ACRES YEAR-TO-DATE (THROUGH 12/31/2005):**

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES			2	13	0		15
	ACRES			27,225	140,582	788		168,595
Northwest	FIRES		35		1		1	37
	ACRES		0		2		36,750	36,752
Northern California	FIRES				3		4	7
	ACRES				791		1	792
Southern California	FIRES				20		21	41
	ACRES				9,411		2,366	11,777
Northern Rockies	FIRES				10		94	104
	ACRES				55		56,336	56,391
Eastern Great Basin	FIRES				6		104	110
	ACRES				166		85,383	85,549
Western Great Basin	FIRES		9		1			10
	ACRES		1		140			141
Southwest	FIRES	1			2	1	42	46
	ACRES	3,680			9,356	5	105,321	118,362
Rocky Mountain	FIRES		34		5	2	11	52
	ACRES		2,581		1	1,762	2,831	7,175
Eastern Area	FIRES						2	2
	ACRES						11	11
Southern Area	FIRES				13			13
	ACRES				3,641			3,641
TOTAL	FIRES	1	78	2	74	3	279	437
	ACRES	3,680	2,582	27,225	164,145	2,555	288,999	489,186

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

# **RESOURCES STATUS: COMMITTED RESOURCES**

AREA	CREWS FED	CREWS ST/OT	ENGS FED	ENGS ST/OT	HELI FED	HELI ST/OT	AIRT FED	AIRT ST/OT	OVRHD FED	OVRHD ST/OT
Alaska										
Northwest										
Northern California										
Southern California										
Northern Rockies										
Eastern Great Basin										
Western Great Basin										
Southwest										
Rocky Mountain										
Eastern Area										
Southern Area	1	2	9	38	5	11			111	161
Total	1	2	9	38	5	11	0	0	111	161

**\*\*\* NATIONAL INTERAGENCY COORDINATION CENTER \*\*\***