

**INCIDENT MANAGEMENT SITUATION REPORT**  
**MONDAY JUNE 7, 2004 0530 MDT**  
**NATIONAL PREPAREDNESS LEVEL 1**

**CURRENT SITUATION:**

Initial attack activity was light nationally with 79 fires reported. Very high to extreme fire indices were reported in Alaska, Arizona, California, Colorado, Florida, Kansas, Nevada, New Mexico, Oklahoma and Texas.

**SOUTHERN CALIFORNIA AREA LARGE FIRES:**

GAVIOTA, Santa Barbara County Fire Department. A California Department of Forestry and Fire Protection Type 1 Incident Command Team (Henson) is assigned. This fire is 15 miles west of Santa Barbara, CA in chaparral and grass. Inaccessible terrain and limited roads are major concerns. U.S. Highway 101 was reopened for limited traffic on the evening of 6/6. Holister Ranch evacuations are still in effect. The Tip-Top Ranch, an oil refinery and 150 residences are threatened.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
GAVIOTA	CA	SBC	7,553	20	UNK	1,013	31	72	15	4	329K

**SOUTHWEST AREA LARGE FIRES:**

PEPPIN, Lincoln National Forest. A Type 2 Incident Management Team (Bateman) is assigned. This fire is six miles northeast of Capitan, NM in timber. Steep terrain, poor accessibility, heavy fuel loading, prolonged drought and high winds continue to be major concerns. Higher relative humidity moderated fire behavior.

KP, Apache-Sitgreaves National Forest. This fire is 20 miles south of Alpine, AZ in brush and mixed conifer. Creeping was observed in unburned islands in the interior. Crews continued to improve and rehabilitate fireline.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
PEPPIN	NM	LNF	48,000	55	UNK	369	7	7	4	12	5.2M
KP	AZ	ASF	16,175	90	UNK	65	1	4	2	0	4.1M

## **SOUTHERN AREA LARGE FIRES:**

SANTA FE SWAMP, Florida Division of Forestry. This fire is six miles southwest of Keystone Heights, FL in dry swamp. No new information was reported. This will be the last report unless new information is received.

ROAD 1, Florida Division of Forestry. A Florida Division of Forestry Type 2 Incident Management Team (Jones) is assigned. This fire is 17 miles northwest of Macclenny, FL in pine. No new information was reported. This will be the last report unless new information is received.

YELVINGTON, Florida Division of Forestry. This fire is five miles east of East Palatka, FL in swamp. No new information was reported. This will be the last report unless new information is received.

ROCK ROAD, Florida Division of Forestry. This fire is 11 miles southeast of Bonita Springs, FL in pine, cabbage palm and cypress. No new information was reported. This will be the last report unless new information is received.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
SANTA FE SWAMP	FL	FLS	4,170	65	UNK	73	0	6	0	0	42K
ROAD 1	FL	FLS	2,858	85	6/6	54	0	11	0	0	495K
YELVINGTON	FL	FLS	450	75	UNK	11	0	0	1	0	NR
ROCK ROAD	FL	FLS	275	75	UNK	64	0	18	1	0	NR

## **WESTERN GREAT BASIN AREA LARGE FIRES:**

MAIL SUMMMIT, Ely Field Office, Bureau of Land Management. This fire is 41 miles west of Panaca, NV in grass, sage and pinyon-juniper. This fire is currently being managed in a confinement strategy and will be monitored by air and ground. This will be the last report unless significant activity occurs.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
MAIL SUMMIT	NV	ELD	627	5	10/15	11	0	2	0	0	NR

## **OUTLOOK:**

**Fire Weather Watch:** Fire Weather Watch for southern 2/3 of Nevada, excluding only Humboldt County, Elko County, northern Washoe, Lander and Eureka Counties, on Monday due to gusty winds and low relative humidity.

**Fire Weather Watch:** Fire Weather Watch for south east Utah for strong winds and low relative humidity.

**Red Flag Warning:** Red Flag Warning for high winds and low relative humidity for California s Mono and Alpine Counties.

**Red Flag Warning:** Red Flag Warning for most of central and southwest Utah and the Arizona Strip for strong winds and low relative humidity.

**Weather Discussion:** A broad low pressure system will continue to develop over the northwest quadrant of the country today. The low will bring showers to Oregon, Washington and also northern Idaho. Winds will be very strong across the Great Basin as temperatures begin to fall. In the Southwest and southern California, dry and breezy conditions will be prevalent. Some strong winds and low relative humidity are also possible in southern Colorado in the afternoon. Central Florida will once again experience scattered thunderstorms today.

<b>Geographic Area Weather</b>	<b>High Temperatures</b>	<b>Minimum Relative Humidity</b>	<b>Wind</b>
<b>SOUTHERN CALIFORNIA AREA</b> Patchy morning low clouds and fog coastal areas, otherwise sunny.	65 to 80 coastal areas 75 to 90 mountains 85 to 95 valleys 90 to 100 upper deserts 100 to 110 lower deserts	10 to 25%	Southwest to northwest 10 to 20 mph with higher gusts.
<b>SOUTHWEST AREA</b> Mostly sunny, hot and very dry most of Arizona and New Mexico. Partly cloudy eastern New Mexico and west Texas with widely scattered thunderstorms.	70s mountains 80 and 90s lower elevations 100 to 110 deserts	5 to 15% Arizona and most of New Mexico 15 to 30% remainder	Southwest to west 10 to 25 mph with higher gusts Arizona and western New Mexico. South to southeast 10 to 20 mph eastern New Mexico and west Texas.
<b>ROCKY MOUNTAIN AREA</b> Partly cloudy over most of the Rocky Mountain Area except for mostly dry isolated thunderstorms in southern Colorado Front Range and mixed wet/dry in Black Hills of South Dakota.	90 s lower elevations, 100 s southern plains 70 s to 80 s mountains	Less than 20% over most of the Rocky Mountain Area less than 10% in some low elevations	West wind 15 to 25 mph over west/central Wyoming and 12 to 22 mph in northwest Colorado. South winds 15 to 30 eastern sections of Rocky Mountain Area.
<b>WESTERN GREAT BASIN AREA</b> Mostly sunny and windy.	North: 80s to near 90 South: 80s to 100 Mountains: 70s to low 80s	North: 10 to 18% South: 4 to 12% Mountains: 12 to 21%	Northeast: Southwest to west at 15 to 25 mph. Northwest: Southwest to west at 10 to 20 mph with gusts to 35 mph. South: Southwest at 10 mph.
<b>EASTERN GREAT BASIN</b> <b>Idaho, Bridger-Teton:</b> Partly cloudy, cool, and breezy. Isolated to widely scattered showers over the mountains of central Idaho and western Wyoming. <b>Utah, Arizona Strip:</b> Hot, dry and breezy to windy.	<b>Idaho, Bridger-Teton:</b> 52 to 65 mountains 65 to 75 valleys <b>Utah and Arizona Strip:</b> 72 to 87 mountains 88 to 103 valleys	<b>Idaho, Bridger-Teton:</b> 21 to 32% valleys 27 to 42% mountains <b>Utah, Arizona Strip:</b> 3 to 16% valleys 8 to 23% mountains	<b>Idaho, Bridger-Teton:</b> Southwest to northwest 10 to 22 mph. <b>Utah, Arizona Strip:</b> Southwest 10 to 25 mph.



[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 calories 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	1		1
	ACRES				2,460	1		2,461
Northwest	FIRES							0
	ACRES							0
Northern California	FIRES					13	6	19
	ACRES					8	1	9
Southern California	FIRES				1	19	7	27
	ACRES				1	370	2	373
Northern Rockies	FIRES				2			2
	ACRES				0			0
Eastern Great Basin	FIRES							0
	ACRES							0
Western Great Basin	FIRES		1					1
	ACRES		1					1
Southwest	FIRES	1		1			5	7
	ACRES	0		1			1	2
Rocky Mountain	FIRES		2			8	7	17
	ACRES		1			7	8	16
Eastern Area	FIRES					4		4
	ACRES					1		1
Southern Area	FIRES						1	1
	ACRES						2	2
TOTAL	FIRES	1	3	1	3	45	26	79
	ACRES	0	2	1	2,461	387	14	2,865

### FIRES AND ACRES YEAR-TO-DATE:

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES		11	11	5	103	2	132
	ACRES		101	28	8,146	295	0	8,570
Northwest	FIRES	57	19	12	6	274	73	441
	ACRES	623	10	37	3	534	157	1,364
Northern California	FIRES	4		1	1	686	128	820
	ACRES	0		15	1	2,071	1,081	3,168
Southern California	FIRES	14	23	4	10	1,095	190	1,336
	ACRES	647	1,318	3	14	31,966	1,420	35,368
Northern Rockies	FIRES	638	15	11	2	289	107	1,062
	ACRES	3,951	187	236	0	8,385	3,285	16,044
Eastern Great Basin	FIRES	1	51	2	6	23	23	106
	ACRES	2	2,084	1	32	210	368	2,697
Western Great Basin	FIRES	2	24		2	16	11	55
	ACRES	1	680		0	12	285	978
Southwest	FIRES	287	31	2	13	274	225	832
	ACRES	795	3,168	1	481	4,309	75,509	84,263
Rocky Mountain	FIRES	146	34	28	2	163	73	446
	ACRES	3,490	78	1,166	0	19,467	3,269	27,470
Eastern Area	FIRES	489		46	17	4,901	372	5,825
	ACRES	5,094		2,335	97	50,603	5,513	63,642
Southern Area	FIRES	113		43	29	21,035	514	21,734
	ACRES	15,478		4,625	985	228,609	71,712	321,409
TOTAL	FIRES	1,751	208	160	93	28,859	1,718	32,789
	ACRES	30,081	7,626	8,447	9,759	346,461	162,599	564,973

<b>Ten Year Average Fires</b>	<b>36,234</b>
<b>Ten Year Average Acres</b>	<b>831,913</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						1	1
	ACRES						30	30
Northern California	FIRES							0
	ACRES							0
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	1	1
	ACRES	0	0	0	0	0	30	30

**PRESCRIBED FIRES AND ACRES YEAR-TO-DATE:**

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES					5		5
	ACRES					2,087		2,087
Northwest	FIRES	38	75	34	1		226	374
	ACRES	7,626	6,805	3,641	30		57,197	75,299
Northern California	FIRES	14	39	9	16		181	259
	ACRES	251	731	13,501	1,858		22,466	38,807
Southern California	FIRES		4	7	7		71	89
	ACRES		28	680	314		6,210	7,232
Northern Rockies	FIRES	33	5	67	3	46	319	473
	ACRES	1,746	137	9,367	1,046	3,083	41,300	56,679
Eastern Great Basin	FIRES	1	13	3	6	21	55	99
	ACRES	149	2,144	547	1,237	1,588	16,457	22,122
Western Great Basin	FIRES		4				4	8
	ACRES		80				71	151
Southwest	FIRES	14	13	6	8		272	313
	ACRES	2,796	4,821	519	1,727		47,740	57,603
Rocky Mountain	FIRES	42	38	108	16	12	110	326
	ACRES	5,117	11,850	19,596	2,969	3,947	45,430	88,909
Eastern Area	FIRES	20		344	18	597	172	1,151
	ACRES	14,454		39,828	3,752	56,473	27,867	142,374
Southern Area	FIRES	51		134	67	349	1,043	1,644
	ACRES	8,503		58,395	58,852	176,957	942,204	1,244,911
TOTAL	FIRES	213	191	712	142	1,030	2,453	4,741
	ACRES	40,642	26,596	146,074	71,785	244,135	1,206,942	1,736,174

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



**WFU FIRES AND ACRES YEAR-TO-DATE:**

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES							0
	ACRES							0
Northwest	FIRES							0
	ACRES							0
Northern California	FIRES							0
	ACRES							0
Southern California	FIRES						1	1
	ACRES						222	222
Northern Rockies	FIRES				1			1
	ACRES				0			0
Eastern Great Basin	FIRES							0
	ACRES							0
Western Great Basin	FIRES							0
	ACRES							0
Southwest	FIRES				1			1
	ACRES				101			101
Rocky Mountain	FIRES		3					3
	ACRES		30					30
Eastern Area	FIRES							0
	ACRES							0
Southern Area	FIRES							0
	ACRES							0
TOTAL	FIRES	0	3	0	2	0	1	6
	ACRES	0	30	0	101	0	222	353

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

### CANADA FIRES AND HECTARES:

PROVINCES	FIRES YESTERDAY	HECTARES YESTERDAY	FIRES YEAR-TO-DATE	HECTARES YEAR-TO-DATE
British Columbia	0	0	323	907
Yukon Territory	0	0	7	40
Alberta	13	14	556	2,208
Northwest Territory	0	0	6	4
Saskatchewan	3	0	107	654
Manitoba	1	0	60	402
Ontario	4	19	110	1,336
Quebec	6	268	122	376
Newfoundland	2	0	71	1,952
New Brunswick	1	0	172	305
Nova Scotia	0	0	144	164
Prince Edward Island	0	0	0	0
National Parks	0	0	11	2,488
Total	30	300	1,689	10,836

### 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	1									
Northwest									1	
Northern California	3		10							
Southern California	20	14	38	59	17	1			8	68
Northern Rockies		1		4						
Eastern Great Basin										
Western Great Basin			1	1					3	
Southwest	10		5	6	4	2			99	48
Rocky Mountain	1		5		1					
Eastern Area										
Southern Area										
Total	35	15	59	70	22	3	0	0	111	116

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