

**INCIDENT MANAGEMENT SITUATION REPORT**  
**TUESDAY, JUNE 21, 2005 0530 MDT**  
**NATIONAL PREPAREDNESS LEVEL 1**

**CURRENT SITUATION:**

Initial attack activity was light nationally with 128 new fires reported. Three new large fires were reported, two in the Southwest Area and one in the Alaska Area. Very high to extreme fire indices were reported in Alaska, Arizona, California, Colorado, Kansas, New Mexico, Nevada, Texas and Utah.

**SOUTHWEST AREA INCIDENTS / LARGE FIRES:**

AZTEC, Coronado National Forest. A Type 2 Incident Management Team (Raley) is assigned. This fire is four miles south of Patagonia, AZ in grass and brush. Structure protection is in place for the Red Mountain Lookout, communications facilities and residences. Wildlife habitat and power lines are threatened. Short upslope runs with torching and crowning were reported.

GOLDWATER, Phoenix Field Office, Bureau of Land Management. This fire is 16 miles north of Ajo, AZ in grass and brush. Wildlife habitat is threatened. Highway 85 was closed for part of the afternoon. Very active fire behavior with high rates of spread was reported.

SUNSET POINT, Phoenix Field Office, Bureau of Land Management. This fire is eight miles north of Black Canyon City, AZ in grass. Interstate 17 was closed part of the afternoon. The fire has moved into the Agua Fria River drainage. Threat remains to open-range livestock. Rapid rates of spread due to heavy fuel loading and gusting winds were reported.

NORTH GILA COMPLEX, Gila National Forest. A Fire Use Management Team (Hall) is assigned. This lightning-caused Wildland Fire Use (WFU) complex, comprised of the Fork and Johnson fires, is 13 miles southeast of Reserve, NM in timber and grass. The complex is being managed to accomplish multiple resource objectives. Smoldering and creeping were reported.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD	ORIGIN OWN
AZTEC	AZ	CNF	1,300	40	6/24	460	10	34	3	0	576K	FS
GOLDWATER	AZ	PHD	15,000	0	UNK	23	0	6	0	0	NR	BLM
SUNSET POINT	AZ	PHD	1,200	40	6/23	86	2	12	2	0	NR	BLM
NORTH GILA COMPLEX - WFU	NM	GNF	9,384	N/A	N/A	152	5	4	0	0	470K	FS
BLACK RANGE COMPLEX - WFU	NM	GNF	9,000	N/A	N/A	22	0	3	0	0	143K	FS

## ALASKA AREA INCIDENTS / LARGE FIRES:

SHEENJEK RIVER, Alaska Fire Service, Upper Yukon Zone. A Type 2 Incident Management Team (Kurth) is assigned. This fire started on Fish and Wildlife Service land 12 miles northeast of Ft. Yukon, AK in birch, aspen, black and white spruce. Cabins and outbuildings remain threatened. Extreme fire behavior with torching, crowning, runs and spotting across the Porcupine River was reported.

CHAPMAN CREEK, Alaska Fire Service, Tanana Zone. This fire is eight miles south of Coldfoot, AK in black spruce and tundra. Steep terrain and is hindering containment efforts. Aerial resources are providing support for ground crews. Creeping and backing fire were reported.

BILLY HAWK CREEK 1, Alaska Fire Service, Galena Zone. This fire started on Fish and Wildlife Service land 30 miles northwest of Huslia, AK in black spruce and tundra. Area received precipitation. Minimal fire spread was reported.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD	ORIGIN OWN
SHEENJEK RIVER	AK	UYD	59,572	15	UNK	69	9	0	4	0	1.02M	FWS
CHAPMAN CREEK	AK	TAD	45,000	0	UNK	NR	NR	NR	NR	0	85K	BLM
BILLY HAWK CREEK 1,	AK	GAD	2,600	0	UNK	57	3	0	1	0	224K	FWS

## OUTLOOK:

**Red Flag Warning:** Tuesday afternoon for east-central Nevada for gusty winds and low relative humidity.

**Fire Weather Watches:** In effect for Tuesday for high northeast winds for the southeast Brooks Range and the Eastern Upper Yukon Valley of Alaska.

Tuesday afternoon across southern and southeastern Nevada for dry lightning.

**Weather Discussion:** A southerly flow between an offshore low and a strong ridge over the Rockies will bring hot weather with increasing amounts of mid level moisture to much of the interior West. In Alaska, high pressure will build over the area for a gradual warming and drying trend.

Geographic Area Weather	High Temperatures	Minimum Relative Humidity	Wind
<b>Southwest</b> Mostly sunny far west and east; Partly to mostly cloudy elsewhere. Hot in New Mexico and west Texas, with widely scattered to scattered dry thunderstorms western NM mountains into eastern, central, and northern Arizona. Some wet thunderstorms northern and central New Mexico and northwest Texas.	Mountains 65 to 85. Lower elevations 90 to 108.	Most of Arizona 5 to 20%. Western half of New Mexico: 15 to 20%. Eastern half of New Mexico into west Texas: 20 to 35%.	West to Southwest 5 to 15 mph western Arizona. South to southwest 5 to 15 mph in central and eastern Arizona. South to southeast from 10 to 20 mph from the Continental Divide eastward into west Texas, strongest southeast winds in far eastern New Mexico into west Texas at 10 to 25 mph.
<b>ALASKA</b> Interior: Mostly cloudy with decreasing clouds in the south and partly cloudy in the north.	60s and 70s.	Upper Yukon Valley: 20 to 30%. Otherwise 30 to 40%.	Northeast winds 15 to 25 mph in the north and northeast. Otherwise winds west 5 to 15 mph.
<b>Western Great Basin</b> Partly to mostly sunny with gusty afternoon winds. Isolated to scattered mainly dry afternoon thunderstorms across eastern Nevada.	North Valleys: 78 to 98. South Valleys: 92 to 110. Mountains: 74 to 88.	North Valleys: 10 to 25%. South Valleys: 9 to 14%. Mountains: 12 to 34%.	South to southwest 10 to 20 mph. Gusts 30 to 40 mph.
<b>Southern California</b> Mostly sunny.	Mountains: 70 to 85. Valleys: 85 to 95. Upper deserts: 90 to 100. Lower deserts: 110 to 115.	10 to 20%.	Southeast to southwest 10 to 20 mph.
<b>Rocky Mountain</b> Dry thunderstorms are possible for western Colorado and south-central Wyoming.	Eastern plains: mid to upper 90s. Higher elevations: 70s to lower 80s. Elsewhere: upper 80s to mid 90s.	Lower elevations in Wyoming: 10 to 18%. Mountains: 20 to 30%. East 30 to 40%.	Southeast 8 to 18 mph over the Eastern Plains.



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

### **EXTREME FIRE BEHAVIOR (continued)**

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 act decisively 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 "Table 74: 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.

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES		0	0	0	1		1
	ACRES		49,264	22,480	6,255	0		77,999
Northwest	FIRES	1	2				12	15
	ACRES	123	3				3	129
Northern California	FIRES					12		12
	ACRES					6		6
Southern California	FIRES	1				18	7	26
	ACRES	12				17	13	42
Northern Rockies	FIRES	9				1	1	11
	ACRES	1				0	0	1
Eastern Great Basin	FIRES					2		2
	ACRES					6		6
Western Great Basin	FIRES		1	1		1		3
	ACRES		30	0		0		30
Southwest	FIRES	3	1		1		4	9
	ACRES	9	4		0		18	31
Rocky Mountain	FIRES	2		1		1		4
	ACRES	2		15		1		18
Eastern Area	FIRES					7	4	11
	ACRES					6	10	16
Southern Area	FIRES			1		33		34
	ACRES			50		59		109
TOTAL	FIRES	16	4	3	1	76	28	128
	ACRES	147	49,301	22,545	6,255	95	44	78,387

# FIRES AND ACRES YEAR-TO-DATE:

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES	2	43	28	20	211	10	314
	ACRES	3	111,407	72,660	15,590	25,765	320	225,745
Northwest	FIRES	39	26	6	4	113	105	293
	ACRES	318	15	9	4	179	55	580
Northern California	FIRES			1		366	72	439
	ACRES			0		2,021	38	2,059
Southern California	FIRES	12	26	3	7	691	124	863
	ACRES	29	1,074	15	3	10,445	50	11,616
Northern Rockies	FIRES	267	4	16		110	42	439
	ACRES	4,563	153	913		1,267	1,303	8,199
Eastern Great Basin	FIRES	4	68		10	77	23	182
	ACRES	811	19,590		1	1,959	4	22,365
Western Great Basin	FIRES	1	61	3	8	11	6	90
	ACRES	0	10,349	70	12	21,016	1	31,448
Southwest	FIRES	816	68	8	18	623	328	1,861
	ACRES	7,841	12,482	9,037	55	42,469	19,637	91,521
Rocky Mountain	FIRES	124	43	18	6	121	71	383
	ACRES	2,681	85	172	9	14,874	1,628	19,449
Eastern Area	FIRES	496		30	33	7,178	408	8,145
	ACRES	7,052		1,693	940	54,463	7,601	71,749
Southern Area	FIRES	159		84	9	14,054	398	14,704
	ACRES	25,807		16,997	149	149,100	10,476	202,529
TOTAL	FIRES	1,920	339	197	115	23,555	1,587	27,713
	ACRES	49,105	155,155	101,566	16,763	323,558	41,113	687,260

<b>Ten Year Average Fires</b>	<b>39,920</b>
<b>Ten Year Average Acres</b>	<b>1,017,138</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		3				0	3
	ACRES		366				10	376
Southern California	FIRES				0		0	0
	ACRES				3		3	6
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			1		2	4	7
	ACRES			78		1,384	4,630	6,092
TOTAL	FIRES	0	3	1	0	2	4	10
	ACRES	0	366	78	3	1,384	4,643	6,474

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

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES					4		4
	ACRES					626		626
Northwest	FIRES	18	91	33	2		190	334
	ACRES	5,651	12,267	2,054	249		17,641	37,862
Northern California	FIRES	12	20	133	23		160	348
	ACRES	188	1,098	24,624	2,225		18,005	46,140
Southern California	FIRES	1	6	4	9		69	89
	ACRES	1,000	683	8	1,994		5,047	8,732
Northern Rockies	FIRES	3	28	100	3	31	231	396
	ACRES	135	3,244	20,212	22	2,131	22,085	47,829
Eastern Great Basin	FIRES	1	16	4	1	10	37	69
	ACRES	1	6,944	711	11	128	9,540	17,335
Western Great Basin	FIRES		5	10			2	17
	ACRES		106	2,711			2,775	5,592
Southwest	FIRES	8	30	2	8		223	271
	ACRES	3,062	35,258	3,210	13,711		64,016	119,257
Rocky Mountain	FIRES	29	38	99	14	16	100	296
	ACRES	3,709	10,074	20,099	10,312	2,501	28,629	75,324
Eastern Area	FIRES	36		426	34	1,022	132	1,650
	ACRES	17,502		65,309	4,422	66,867	25,442	179,542
Southern Area	FIRES	34		143	38	382	1,043	1,640
	ACRES	7,180		78,488	22,959	248,202	854,157	1,210,986
TOTAL	FIRES	142	234	954	132	1,465	2,187	5,114
	ACRES	38,428	69,674	217,426	55,905	320,455	1,047,337	1,749,225

\*\*\* 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						1	1
	ACRES						0	0
Southern California	FIRES				0			0
	ACRES				2			2
Northern Rockies	FIRES							0
	ACRES							0
Eastern Great Basin	FIRES				1		2	3
	ACRES				0		2	2
Western Great Basin	FIRES							0
	ACRES							0
Southwest	FIRES				1	1	8	10
	ACRES				1,870	5	19,123	20,998
Rocky Mountain	FIRES		4		1		1	6
	ACRES		1		1		0	2
Eastern Area	FIRES							0
	ACRES							0
Southern Area	FIRES							0
	ACRES							0
TOTAL	FIRES	0	4	0	3	1	12	20
	ACRES	0	1	0	1,873	5	19,125	21,004

\*\*\* 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	3	0	437	26,612
Yukon Territory	3	2,876	37	9,657
Alberta	6	0	849	58,033
Northwest Territory	0	0	45	7,131
Saskatchewan	0	0	113	35,091
Manitoba	1	381	79	3,228
Ontario	7	4	311	1,752
Quebec	0	634	437	608,198
Newfoundland	1	0	76	2,514
New Brunswick	0	0	196	203
Nova Scotia	0	0	196	488
Prince Edward Island	0	0	0	0
National Parks	0	145	36	15,054
Total	21	3,496	2,812	767,961

### 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	13	3			5				64	30
Northwest			5							
Northern California			6		1					
Southern California	2		13		1				1	
Northern Rockies										
Eastern Great Basin	2		3	1	1					
Western Great Basin	1	2								
Southwest	17	2	25	29	6				139	38
Rocky Mountain			7							
Eastern Area									4	
Southern Area			4	4	1				1	
Total	35	7	63	34	15	0	0	0	209	68

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