

INCIDENT MANAGEMENT SITUATION REPORT
TUESDAY, JUNE 7, 2005 0530 MDT
NATIONAL PREPAREDNESS LEVEL 1

CURRENT SITUATION:

Initial attack activity was light nationally with 76 new fires reported. One new large fire was reported in the Southern California Area. Five large fires were contained, two in the Eastern Great Basin Area, and one each in the Western Great Basin, Northern California, and Southern Areas. Very high to extreme fire indices were reported in Alaska, Arizona, New Mexico, Utah, and Kansas.

WESTERN GREAT BASIN AREA INCIDENTS / LARGE FIRES:

AIR FORCE, Las Vegas Field Office, Bureau of Land Management. A Type 2 Incident Management Team (Brunner) is assigned. This fire is at Nellis Air Force Base, NV in grass. Wildlife habitat, cultural sites, and Department of Defense assets are threatened. Extreme fire behavior and high rates of spread are impeding containment efforts.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
AIR FORCE	NV	LVD	18,900	45	6/11	302	9	4	3	0	225K
SUMMIT	NV	ELD	6,650	100	---	130	5	4	0	0	300K

SOUTHERN CALIFORNIA AREA INCIDENTS / LARGE FIRES:

DULCE, San Bernardino County Fire Department. This fire is four miles southeast of Yucca Valley, CA in grass and brush. Poor access, gusty winds and flashy fuels are hampering containment efforts.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
DULCE	CA	BDC	480	15	6/7	169	2	38	6	0	NR

EASTERN GREAT BASIN AREA INCIDENTS / LARGE FIRES:

RED CLIFFS, Cedar City Field Office, Bureau of Land Management. This fire is nine miles north of St. George, UT in grass. Good progress towards containment were reported. No further information was received.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
RED CLIFFS	UT	CCD	760	90	6/7	26	1	2	0	0	NR
NORTH GORGE	UT	CCD	3,000	100	---	89	4	3	2	0	NR
POWERLINE 2	UT	CCD	1,215	100	---	36	2	5	0	0	NR

SOUTHERN AREA INCIDENTS / LARGE FIRES:

PANTHER POINT, Matagorda National Wildlife Refuge. This fire is on the island of Matagorda, 13 miles south of Seadrift, TX in grass. The fire is creeping. No further information was received.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
PANTHER POINT	TX	MAR	1,000	50	6/8	9	0	3	0	0	NR
UNIT 4-05-01	LA	SBR	12,154	100	---	11	0	3	1	0	40K

SBR = Sabine National Wildlife Refuge

SOUTHWEST AREA INCIDENTS / LARGE FIRES:

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
BULL-WFU	NM	GNF	130	N/A	N/A	5	0	0	0	0	NR
FORK-WFU	NM	GNF	1,200	N/A	N/A	34	1	2	0	0	8K

GNF = Gila National Forest

NORTHERN CALIFORNIA AREA INCIDENTS / LARGE FIRES:

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
VASCO	CA	SCU	320	100	---	0	0	0	0	0	42K

SCU = California Department of Forestry and Fire Protection, Santa Clara Unit

OUTLOOK:

Fire Weather Watch: In effect for most of northern and northeastern New Mexico below 8,500 feet for strong winds and low humidity values.

Weather Discussion: A deep trough of low pressure will continue to spin along the Pacific Northwest coast bringing unsettled weather to the northwest and northern Rockies while winds further south over the Great Basin begin to die down under dry and more stable conditions. In Alaska, a weak ridge of high pressure aloft across the interior will limit isolated convection to areas near a surface trough of low pressure stretched across the interior. Low pressure in the eastern Aleutians will bring a southeasterly flow to much of southern Alaska leading to an increase in moisture.

Geographic Area Weather	High Temperatures	Minimum Relative Humidity	Wind
Western Great Basin Partly sunny across the north with isolated showers and thunderstorms in the far north. Mostly sunny and breezy across the south.	55 to 72 north valleys 75 to 90 south valleys 50 to 65 mountains	20 to 40% north valleys: 7 to 20% south valleys: 17 to 50% mountains:	West to northwest at 5 to 15 mph with localized gusts to 25 mph.
Northern California Showers and isolated thunderstorms, mainly throughout the mountains of the northern 2/3s of northern California.	50s and 60s mountains and coast. Mid 70s inland valleys.	25 to 40% inland valleys. Above 50% elsewhere	SW to NW 5 to 15 mph with local gusts to 27 mph
Southwest Breezy to windy, otherwise mostly sunny and dry.	60 to 80 mountains. 80 to 95 lower elevations.	10 to 15% across many areas. Mountain and western TX. 15 to 30%	SW 15 to 30 mph northern NM. SW 10 to 25 mph all of AZ; SW 10 to 25 mph rest of NM. S to SE at 10 to 20 mph western TX.
Southern California Morning, low clouds and fog in coastal basins and lower coastal mountain slopes, otherwise mostly sunny.	65 to 75 mountains. 70 to 82 valleys. 80 to 85 upper deserts. 90 to 100 lower deserts.	20 to 35%.	Southwest to northwest 10 to 20 mph.



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					1		1
	ACRES					0		0
Northwest	FIRES	1	2			1	1	5
	ACRES	1	0			1	1	3
Northern California	FIRES					11	4	15
	ACRES					333	1	334
Southern California	FIRES		1			21	2	24
	ACRES		120			39	2	161
Northern Rockies	FIRES	4				2		6
	ACRES	1				1		2
Eastern Great Basin	FIRES		1					1
	ACRES		50					50
Western Great Basin	FIRES		1		1	1		3
	ACRES		2,650		1	18,900		21,551
Southwest	FIRES	1				6	4	11
	ACRES	5				305	2	312
Rocky Mountain	FIRES					1	2	3
	ACRES					1	0	1
Eastern Area	FIRES			2		2	3	7
	ACRES				1	3	43	47
Southern Area	FIRES							0
	ACRES							0
TOTAL	FIRES	6	5	0	3	46	16	76
	ACRES	7	2,820	0	2	19,583	49	22,461

FIRES AND ACRES YEAR-TO-DATE:

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES	2	5	5		156	10	178
	ACRES	3	3,357	1,035		19,268	320	23,983
Northwest	FIRES	31	23	5	2	97	74	232
	ACRES	143	12	8	3	173	47	386
Northern California	FIRES					265	57	322
	ACRES					1,808	35	1,843
Southern California	FIRES	4	24	2	4	481	98	613
	ACRES	2	713	0	2	9,165	27	9,909
Northern Rockies	FIRES	253	3	15		106	30	407
	ACRES	4,561	136	673		1,266	1,298	7,934
Eastern Great Basin	FIRES	2	34		3	27	19	85
	ACRES	810	5,851		1	242	2	6,906
Western Great Basin	FIRES		37	2	6	6	3	54
	ACRES		10,088	70	12	21,907	1	32,078
Southwest	FIRES	552	157	5	8	350	242	1,314
	ACRES	7,213	9,353	9,001	30	32,658	19,142	77,397
Rocky Mountain	FIRES	114	23	15	4	106	40	302
	ACRES	2,669	74	157	6	14,861	1,619	19,386
Eastern Area	FIRES	496		28	33	6,733	396	7,686
	ACRES	7,052		1,518	941	53,954	7,547	71,012
Southern Area	FIRES	157		74	9	13,819	395	14,454
	ACRES	25,677		14,691	149	147,933	10,462	198,912
TOTAL	FIRES	1,611	306	151	69	22,146	1,364	25,647
	ACRES	48,130	29,584	27,153	1,144	303,235	40,500	449,746

Ten Year Average Fires	36,150
Ten Year Average Acres	825,819

*** 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				0	1
	ACRES			0			195	195
Northern California	FIRES						0	0
	ACRES						340	340
Southern California	FIRES						0	0
	ACRES						50	50
Northern Rockies	FIRES							0
	ACRES							0
Eastern Great Basin	FIRES						0	0
	ACRES						103	103
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				1
	ACRES				105			105
TOTAL	FIRES	0	1	1	0	0	0	2
	ACRES	0	0	105	0	0	688	793

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	90	33	2		177	320
	ACRES	5,651	12,149	2,054	249		16,353	36,456
Northern California	FIRES	12	17	132	22		146	329
	ACRES	188	732	24,549	1,502		15,840	42,811
Southern California	FIRES	1	5	4	6		59	75
	ACRES	1,000	623	8	1,502		3,520	6,653
Northern Rockies	FIRES	3	28	88	3	31	226	379
	ACRES	135	3,244	18,357	22	2,131	21,980	45,869
Eastern Great Basin	FIRES	1	14	4	1	10	30	60
	ACRES	1	4,934	711	11	128	5,791	11,576
Western Great Basin	FIRES		5	10			2	17
	ACRES		106	2,711			2,775	5,592
Southwest	FIRES	7	26	2	7		210	252
	ACRES	1,256	23,498	3,210	12,175		57,146	97,285
Rocky Mountain	FIRES	29	37	99	14	16	100	295
	ACRES	3,709	9,907	20,099	10,312	2,501	28,627	75,155
Eastern Area	FIRES	36		402	34	1,017	133	1,622
	ACRES	17,502		63,986	4,422	66,251	25,481	177,642
Southern Area	FIRES	34		142	35	356	1,017	1,584
	ACRES	7,180		78,325	16,044	232,887	837,156	1,171,592
TOTAL	FIRES	141	222	916	124	1,434	2,100	4,937
	ACRES	36,622	55,193	214,010	46,239	304,524	1,014,669	1,671,257

*** 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		1					1
	ACRES		0					0
Northern California	FIRES					1		1
	ACRES					0		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					4		4
	ACRES					2,151		2,151
Rocky Mountain	FIRES			1				1
	ACRES			1				1
Eastern Area	FIRES							0
	ACRES							0
Southern Area	FIRES							0
	ACRES							0
TOTAL	FIRES	0	1	0	1	0	5	7
	ACRES	0	0	0	1	0	2,151	2,152

***** 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	8	125	414	26,077
Yukon Territory	0	0	16	27
Alberta	12	4,307	719	18,756
Northwest Territory	1	7	18	1,816
Saskatchewan	0	0	92	15,954
Manitoba	0	0	64	1,055
Ontario	0	7	270	1,898
Quebec	10	167,583	402	424,521
Newfoundland	1	0	56	2,344
New Brunswick	1	3	185	204
Nova Scotia	0	0	187	486
Prince Edward Island	0	0	0	0
National Parks	0	1	22	61
Total	33	172,032	2,445	493,199

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	4		9						7	
Northern California	1		12							
Southern California	2		8	30	3	4			2	16
Northern Rockies				1						
Eastern Great Basin	4		6						2	
Western Great Basin	11	3	4	4	3				40	9
Southwest	1		5		1				6	
Rocky Mountain			2							
Eastern Area		1	1						8	
Southern Area			6			1			13	2
Total	23	4	53	35	7	5	0	0	78	27

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