

INCIDENT MANAGEMENT SITUATION REPORT
TUESDAY, MAY 28, 2002- 0530 MDT
NATIONAL PREPAREDNESS LEVEL 2

CURRENT SITUATION:

Initial attack activity was light across the nation. One new large fire was reported in the Southern Area. Two large fires were contained, one each in the Southern and Southwest areas. Very high to extreme fire indices were reported in Alaska, Arizona, Colorado, Kansas, Minnesota, Nevada, New Mexico, Oklahoma, Texas and Utah.

SOUTHWEST AREA LARGE FIRES:

BULLOCK, Coronado National Forest. A Type 1 Incident Management Team (Humphrey) is assigned. This fire is 15 miles northeast of Tucson, AZ, burning in grass, oak woodland and chaparral. Fire behavior along the southern flank intensified, threatening the existing fireline. Burn out operations towards Mt. Lemmon Highway along the southwest flank and toward the west flank of the fire have begun. Drought conditions, extreme fire behavior and inaccessible terrain are impeding containment efforts.

BORREGO, Santa Fe National Forest. A Type 1 Incident Management Team (Bateman) is assigned. The fire is burning in pinon pine, juniper and mixed conifer forest two miles southeast of Cordova, NM. Fire behavior moderated due to lighter winds, higher relative humidity and a change in fuel type at higher elevations in the Pecos Wilderness Area. Dry weather and inaccessible, rugged terrain are hampering containment efforts in the wilderness area. The towns of Truchas and Cordova remain threatened.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
BULLOCK	AZ	CNF	17,600	40	UNK	913	29	13	10	0	4.17M
BORREGO	NM	SNF	12,700	50	6/2	834	23	20	12	1	3.5M

ALASKA AREA LARGE FIRES:

WEST FORK CHENA, Alaska State Division of Forestry. A Type 2 Incident Management Team (Jandt) is assigned. This fire is burning in black spruce 50 miles east of Fairbanks, AK. Structure protection, aided by helicopter water drops, remains in place, but numerous residences and commercial properties remain threatened. Chena Hot Springs Road is now closed at 49 Mile. The fire has spotted across the Chena Hot Springs Road and the Chena River.

MP 78 ELLIOTT HIGHWAY, Bureau of Land Management, Tanana Zone. This fire is seven miles southwest of Livengood, AK, burning in black spruce, hardwoods, brush and litter. Running, crowning and torching were observed with major runs to the south. A wind event hit the fire yesterday, driving the fire into the Brooks Creek Drainage and south past Tolovana Hot Springs. Structures near the hot springs were saved. Persistent burning in fuels that normally act as natural

barriers and poor humidity recovery are hampering containment efforts.

VINASALE, Alaska State Division of Forestry. Burning in black spruce, taiga and hardwoods, this fire is located 15 miles south of McGrath, AK. The fire spread to the north, south, and east with 100 percent of the perimeter being active. Extreme fire behavior, including crowning and running ground fire, were observed. A cabin protection group has been put in place.

KALSKAG, Alaska State Division of Forestry. Burning in black spruce, muskeg and hardwoods, this fire is 22 miles west of Aniak, AK. Creeping and smoldering were observed yesterday. Crews are gridding and hot spotting along the southwest and east perimeters. Demobilization of resources has begun.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
WEST FORK CHENA	AK	AKS	14,430	5	UNK	323	12	6	3	4	370K
MP 78 ELLIOTT HIGHWAY	AK	TAD	35,000	20	UNK	142	8	0	2	0	NR
VINASALE	AK	AKS	20,000	0	UNK	34	2	0	1	0	NR
KALSKAG	AK	AKS	3,370	5	UNK	36	2	0	1	0	NR

SOUTHERN AREA LARGE FIRES:

BLACKJACK BAY COMPLEX, Okefenokee National Wildlife Refuge. A Unified Command has been established between an interagency Fire Use Management Team (Adams), the Georgia Forestry Commission and the Florida Division of Forestry. This lightning-caused complex, consisting of the Blackjack 02, Bay Creek and Number One Island fires, is ten miles northeast of Fargo, GA. Increased fire activity along the southeast and southwest flanks, and short runs in brush and pine stands were observed yesterday. Higher winds pushed the fire to the west today. The monitoring of weather, fuel conditions and fire activity on the complex by personnel has increased due to an increase in fire activity.

PLAINS FIRE, Sabine NWR. Fire behavior was low due to cloud cover. Additional resources have arrived to assist with suppression efforts. No new information was reported.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
BLACKJACK BAY COMPLEX	GA	OKR	100,518	0	UNK	85	0	2	3	0	2.9M
PLAINS FIRE	LA	SBR	860	80	UNK	10	0	0	1	0	5K
POWERLINE	FL	FNF	197	100		2	0	1	0	0	52K

FNF = National Forests in Florida

EASTERN GREAT BASIN AREA LARGE FIRES:

ANDERSON/DANSKIN, Boise National Forest. This fire is five miles northeast of Garden Valley, ID. Minimal fire activity was observed. Crews on the Anderson fire are continuing hot spotting with the aid of infrared equipment, and are mopping up.

INCIDENT NAME	ST	UNIT	SIZE	% CTN	EST CTN	TOTL PERS	CRW	ENG	HELI	STRC LOST	\$\$\$ CTD
ANDERSON/DANSKIN	ID	BOF	437	90	UNK	77	3	0	1	0	174K

OUTLOOK:

An upper level disturbance exiting the Southwest Area will bring partly cloudy skies with isolated wet and dry thunderstorms in central and eastern New Mexico and west Texas. High temperatures will be in the 70's in the mountains and over 100 in the deserts. Minimum relative humidity will range from 5 to 15 percent in Arizona and 20 to 40 percent elsewhere. Winds will be west to southwest at 5 to 15 mph across New Mexico and Texas, and 5 to 10 mph west of the weather front.

A strong cold front moving southeast into the Alaska Area will bring windy conditions with a higher chance of thunderstorms. High temperatures will be 55 to 65 degrees. Minimum relative humidity will range from 20 to 30 percent in northern Alaska, and 30 to 40 percent in the southern part of the state. Northeast winds will be 10 to 20 mph, except in the southern part of Alaska where they will be 15 mph or less.

The Rocky Mountain Area can expect a mix of wet and dry thunderstorms over Colorado, with mostly wet thunderstorms over Wyoming. High temperatures will be in the 50's and 60's over the mountains, 80 to 85 over the lower elevations of western and southern Colorado, and 70 to 80 degrees over the remainder of the Area. Minimum relative humidity will range from 5 to 15 percent over western Colorado, 12 to 22 percent over the Front Range and southern Wyoming, and 25 to 38 percent over northern Wyoming and the Black Hills. Winds will be at 5 to 15 mph over the Area, except for stronger gusts near the thunderstorms.



HYDRATION

Studies conducted on wildland firefighters indicate that fire suppression activities generate about 7.5 kilocalories of heat each minute worked, or over 400 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
<u>ALASKA</u>	<u>FIRES</u>		0			8		8
	<u>ACRES</u>		<u>11,000</u>			<u>50,838</u>		<u>61,838</u>
<u>NORTHWEST</u>	<u>FIRES</u>							0
	<u>ACRES</u>							0
<u>CA-NORTH</u>	<u>FIRES</u>							0
	<u>ACRES</u>							0
<u>CA-SOUTH</u>	<u>FIRES</u>	1					5	6
	<u>ACRES</u>	1					0	1
<u>NORTHERN</u>	<u>FIRES</u>							0
	<u>ACRES</u>							0
<u>GB-EAST</u>	<u>FIRES</u>							0
	<u>ACRES</u>							0
<u>GB-WEST</u>	<u>FIRES</u>							0
	<u>ACRES</u>							0
<u>SOUTHWEST</u>	<u>FIRES</u>	1	3			2	2	8
	<u>ACRES</u>	0	2			16	<u>3,801</u>	<u>3,819</u>
<u>ROCKY MTN</u>	<u>FIRES</u>						1	1
	<u>ACRES</u>						3	3
<u>EASTERN</u>	<u>FIRES</u>					33	2	35
	<u>ACRES</u>					474	21	495
<u>SOUTHERN</u>	<u>FIRES</u>			1		10		11
	<u>ACRES</u>			<u>860</u>		<u>3,589</u>		<u>4,449</u>
<u>TOTAL</u>	<u>FIRES</u>	2	3	1	0	53	10	69
	<u>ACRES</u>	1	<u>11,002</u>	<u>860</u>	0	<u>54,917</u>	<u>3,825</u>	<u>70,605</u>

Some data reflects initial report of activity for the last 7 days for those units that are on a weekly reporting schedule.

FIRES AND ACRES YEAR-TO-DATE:

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
	<u>FIRES</u>	<u>1</u>		<u>1</u>	<u>2</u>	<u>206</u>	<u>9</u>	<u>219</u>
<u>ALASKA</u>	<u>ACRES</u>	<u>1</u>		<u>789</u>	<u>7</u>	<u>124,516</u>	<u>13</u>	<u>125,326</u>
	<u>FIRES</u>	<u>11</u>	<u>16</u>	<u>1</u>		<u>56</u>	<u>38</u>	<u>122</u>
<u>NORTHWEST</u>	<u>ACRES</u>	<u>17</u>	<u>109</u>	<u>300</u>		<u>57</u>	<u>259</u>	<u>742</u>
	<u>FIRES</u>	<u>20</u>		<u>1</u>		<u>1,024</u>	<u>48</u>	<u>1,093</u>
<u>CA-NORTH</u>	<u>ACRES</u>	<u>14</u>		<u>0</u>		<u>361</u>	<u>29</u>	<u>404</u>
	<u>FIRES</u>	<u>24</u>	<u>21</u>	<u>3</u>	<u>2</u>	<u>789</u>	<u>163</u>	<u>1,002</u>
<u>CA-SOUTH</u>	<u>ACRES</u>	<u>7</u>	<u>368</u>	<u>13</u>	<u>1</u>	<u>8,627</u>	<u>5,676</u>	<u>14,692</u>
	<u>FIRE</u>	<u>438</u>		<u>3</u>	<u>13</u>		<u>66</u>	<u>52</u>
<u>NORTHERN</u>	<u>ACRES</u>	<u>3,494</u>		<u>57</u>	<u>1,353</u>		<u>16,257</u>	<u>886</u>
	<u>FIRES</u>	<u>27</u>	<u>53</u>		<u>4</u>	<u>44</u>	<u>21</u>	<u>149</u>
<u>GB-EAST</u>	<u>ACRES</u>	<u>96</u>	<u>267</u>		<u>9</u>	<u>453</u>	<u>153</u>	<u>978</u>
	<u>FIRES</u>	<u>4</u>	<u>7</u>		<u>5</u>	<u>26</u>	<u>14</u>	<u>56</u>
<u>GB-WEST</u>	<u>ACRES</u>	<u>312</u>		<u>2</u>		<u>4</u>	<u>23</u>	<u>276</u>
	<u>FIRES</u>	<u>547</u>	<u>80</u>	<u>13</u>	<u>25</u>	<u>460</u>	<u>416</u>	<u>1,541</u>
<u>SOUTHWEST</u>	<u>ACRES</u>	<u>12,197</u>		<u>7,019</u>	<u>5,145</u>	<u>120</u>	<u>42,343</u>	<u>115,299</u>
	<u>FIRES</u>	<u>21</u>	<u>43</u>	<u>12</u>	<u>13</u>	<u>430</u>	<u>93</u>	<u>612</u>
<u>ROCKY MTN</u>	<u>ACRES</u>	<u>480</u>		<u>204</u>	<u>509</u>	<u>513</u>	<u>28,901</u>	<u>14,440</u>
	<u>FIRES</u>	<u>697</u>			<u>13</u>	<u>16</u>	<u>5,433</u>	<u>260</u>
<u>EASTERN</u>	<u>ACRES</u>	<u>29,439</u>			<u>1,165</u>	<u>465</u>	<u>37,765</u>	<u>2,970</u>
	<u>FIRES</u>	<u>85</u>		<u>86</u>	<u>38</u>	<u>17,285</u>	<u>602</u>	<u>18,096</u>
<u>SOUTHERN</u>	<u>ACRES</u>	<u>16,829</u>		<u>103,576</u>	<u>4,773</u>	<u>201,682</u>	<u>18,049</u>	<u>344,909</u>
	<u>FIRES</u>	<u>1,875</u>		<u>223</u>	<u>143</u>	<u>105</u>	<u>25,819</u>	<u>1,716</u>
<u>TOTALS</u>	<u>ACRES</u>	<u>62,886</u>		<u>8,026</u>	<u>112,850</u>	<u>5,892</u>	<u>460,985</u>	<u>158,050</u>
								<u>808,689</u>

Reduction in some agency YTD acres reflects better mapping or reporting adjustments.

PRESCRIBED FIRES AND ACRES YESTERDAY:

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
<u>ALASKA</u>	<u>FIRES</u>							<u>0</u>
	<u>ACRES</u>							<u>0</u>
<u>NORTHWEST</u>	<u>FIRES</u>							<u>0</u>
	<u>ACRES</u>							<u>0</u>
<u>CA-NORTH</u>	<u>FIRES</u>							<u>0</u>
	<u>ACRES</u>							<u>0</u>
<u>CA-SOUTH</u>	<u>FIRES</u>							<u>0</u>
	<u>ACRES</u>							<u>0</u>
<u>NORTHERN</u>	<u>FIRES</u>							<u>0</u>
	<u>ACRES</u>							<u>0</u>
<u>GB-EAST</u>	<u>FIRES</u>							<u>0</u>
	<u>ACRES</u>							<u>0</u>
<u>GB-WEST</u>	<u>FIRES</u>							<u>0</u>
	<u>ACRES</u>							<u>0</u>
<u>SOUTHWEST</u>	<u>FIRES</u>							<u>0</u>
	<u>ACRES</u>							<u>0</u>
<u>ROCKY MTN</u>	<u>FIRES</u>					<u>1</u>		<u>1</u>
	<u>ACRES</u>					<u>1</u>		<u>1</u>
<u>EASTERN</u>	<u>FIRES</u>							<u>0</u>
	<u>ACRES</u>							<u>0</u>
<u>SOUTHERN</u>	<u>FIRES</u>				<u>1</u>			<u>1</u>
	<u>ACRES</u>				<u>400</u>			<u>400</u>
<u>TOTAL</u>	<u>FIRES</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>2</u>
	<u>ACRES</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>400</u>	<u>1</u>	<u>0</u>	<u>401</u>

PRESCRIBED FIRES AND ACRES YEAR-TO-DATE:

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
ALASKA	<u>FIRES</u>			1				1
	<u>ACRES</u>			475				475
NORTHWEST	<u>FIRES</u>	9	98	20	4	6	285	422
	<u>ACRES</u>	3,469	8,586	1,925	194	292	38,342	52,808
CA-NORTH	<u>FIRES</u>	7	10	8	11		85	121
	<u>ACRES</u>	163	487	19,892	231		9,351	30,124
CA-SOUTH	<u>FIRES</u>	1	2	5	2		96	106
	<u>ACRES</u>	70	24	271	2		17,135	17,502
NORTHERN	<u>FIRES</u>		10	38		5	115	168
	<u>ACRES</u>		1,322	4,565		402	14,365	20,654
GB-EAST	<u>FIRES</u>	1	16	2	8	7	22	56
	<u>ACRES</u>	7	1,059	445	2,422	199	14,950	19,082
GB-WEST	<u>FIRES</u>						4	4
	<u>ACRES</u>						171	171
SOUTHWEST	<u>FIRES</u>	4	13	10			115	142
	<u>ACRES</u>	90	12,910	4,722			12,566	30,288
ROCKY MTN	<u>FIRES</u>	8	18	68	8	21	28	151
	<u>ACRES</u>	516	3,029	10,935	2,290	2,170	13,443	32,383
EASTERN	<u>FIRES</u>	20		206	7	475	138	846
	<u>ACRES</u>	8,862		46,438	430	56,451	20,116	132,297
SOUTHERN	<u>FIRES</u>	59		228	54	73	858	1,272
	<u>ACRES</u>	10,951		109,229	56,912	27,529	690,221	894,842
TOTAL	<u>FIRES</u>	109	167	586	94	587	1,746	3,289
	<u>ACRES</u>	24,128	27,417	198,897	62,481	87,043	830,660	1,230,626

***Reduction in some agency YTD acres reflects better mapping or reporting

adjustments.***

WILDLAND FIRE USE (WFU) FIRES AND ACRES YEAR-TO-DATE:

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
ALASKA	<u>FIRES</u>							0
	<u>ACRES</u>							0
NORTHWEST	<u>FIRES</u>							0
	<u>ACRES</u>							0
CA-NORTH	<u>FIRES</u>							0
	<u>ACRES</u>							0
CA-SOUTH	<u>FIRES</u>							0
	<u>ACRES</u>							0
NORTHERN	<u>FIRES</u>							0
	<u>ACRES</u>							0
GB-EAST	<u>FIRES</u>							0
	<u>ACRES</u>							0
GB-WEST	<u>FIRES</u>							0
	<u>ACRES</u>							0
SOUTHWEST	<u>FIRES</u>							0
	<u>ACRES</u>							0
ROCKY MTN	<u>FIRES</u>							0
	<u>ACRES</u>							0
EASTERN	<u>FIRES</u>							0
	<u>ACRES</u>							0
SOUTHERN	<u>FIRES</u>				1			1
	<u>ACRES</u>				1			1
TOTAL	<u>FIRES</u>	0	0	0	1	0	0	1
	<u>ACRES</u>	0	0	0	1	0	0	1

CANADA FIRES AND HECTARES:

<u>PROVINCES</u>	<u>FIRES YESTERDAY</u>	<u>HECTARES YESTERDAY</u>	<u>FIRES YEAR-TO-DATE</u>	<u>HECTARES YEAR-TO-DATE</u>
<u>BRITISH COLUMBIA</u>	<u>6</u>	<u>447</u>	<u>292</u>	<u>1,501</u>
<u>YUKON TERRITORY</u>	<u>4</u>	<u>4</u>	<u>17</u>	<u>20</u>
<u>ALBERTA</u>	<u>9</u>	<u>0</u>	<u>206</u>	<u>75,414</u>
<u>NORTHWEST TERRITORY</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>
<u>SASKATCHEWAN</u>	<u>10</u>	<u>3</u>	<u>283</u>	<u>31,109</u>
<u>MANITOBA</u>	<u>4</u>	<u>302</u>	<u>270</u>	<u>8,768</u>
<u>ONTARIO</u>	<u>2</u>	<u>0</u>	<u>94</u>	<u>146</u>
<u>QUEBEC</u>	<u>5</u>	<u>175</u>	<u>154</u>	<u>479</u>
<u>NEWFOUNDLAND</u>	<u>3</u>	<u>0</u>	<u>32</u>	<u>45</u>
<u>NEW BRUNSWICK</u>	<u>7</u>	<u>0</u>	<u>113</u>	<u>185</u>
<u>NOVA SCOTIA</u>	<u>9</u>	<u>0</u>	<u>82</u>	<u>116</u>
<u>PRINCE EDWARD ISLAND</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>NATIONAL PARKS</u>	<u>0</u>	<u>0</u>	<u>6</u>	<u>76</u>
TOTALS	59	931	1,551	117,859

RESOURCE STATUS: COMMITTED RESOURCES:

<u>AREA</u>	<u>CREW FED</u>	<u>CREW ST/OT</u>	<u>ENGS FED</u>	<u>ENGS ST/OT</u>	<u>HELI FED</u>	<u>HELI ST/OT</u>	<u>AIRT FED</u>	<u>AIRT ST/OT</u>	<u>OVRHD FED</u>	<u>OVRHD ST/OT</u>
<u>ALASKA</u>	<u>25</u>	<u>33</u>		<u>4</u>	<u>3</u>	<u>4</u>			<u>44</u>	<u>29</u>
<u>NORTHWEST</u>	<u>1</u>								<u>2</u>	
<u>CA-NORTH</u>										
<u>CA-SOUTH</u>	<u>1</u>								<u>4</u>	
<u>NORTHERN</u>										
<u>GB-EAST</u>	<u>3</u>	<u>1</u>				<u>1</u>			<u>15</u>	
<u>GB-WEST</u>										
<u>SOUTHWEST</u>	<u>51</u>	<u>3</u>	<u>12</u>	<u>26</u>	<u>5</u>	<u>18</u>			<u>239</u>	<u>154</u>
<u>ROCKY MTN</u>	<u>15</u>	<u>4</u>	<u>13</u>	<u>8</u>	<u>2</u>	<u>3</u>			<u>98</u>	<u>54</u>
<u>EASTERN</u>	<u>2</u>						<u>1</u>		<u>4</u>	
<u>SOUTHERN</u>			<u>1</u>	<u>3</u>	<u>3</u>	<u>2</u>			<u>59</u>	<u>17</u>
TOTAL	98	41	26	41	13	28	1	0	465	254

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