

**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   | %<br>CTN | EST<br>CTN | TOTL<br>PERS | CRW | ENG | HELI | STRC<br>LOST | \$\$\$<br>CTD | ORIGIN<br>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<br>COMPLEX - WFU  | NM | GNF  | 9,384  | N/A      | N/A        | 152          | 5   | 4   | 0    | 0            | 470K          | FS            |
| BLACK RANGE<br>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   | %<br>CTN | EST<br>CTN | TOTL<br>PERS | CRW | ENG | HELI | STRC<br>LOST | \$\$\$<br>CTD | ORIGIN<br>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><br>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><br>Interior:<br>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><br>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><br>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><br>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<br>YESTERDAY | HECTARES<br>YESTERDAY | FIRES<br>YEAR-TO-DATE | HECTARES<br>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<br>FED | CREWS<br>ST/OT | ENGS<br>FED | ENGS<br>ST/OT | HELI<br>FED | HELI<br>ST/OT | AIRT<br>FED | AIRT<br>ST/OT | OVRHD<br>FED | OVRHD<br>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 \*\*\***