

**INCIDENT MANAGEMENT SITUATION REPORT
TUESDAY, OCTOBER 15, 2002 - 0530 MDT
NATIONAL PREPAREDNESS LEVEL 2**

CURRENT SITUATION:

Initial attack activity was light across the nation. Nationally, 39 new fires were reported. One large fire was contained in the Northwest Area. Very high to extreme fire indices were reported in California, Arizona and Oklahoma.

NORTHWEST AREA LARGE FIRES:

| INCIDENT NAME | ST | UNIT | SIZE | % CTN | EST CTN | TOTL PERS | CRW | ENG | HELI | STRC LOST | \$\$\$ CTD |
|---------------|----|------|------|----------|------------|--------------|-----|-----|------|--------------|---------------|
| RNA FIRE | OR | DEF | 200 | 100 | 10/14/2002 | 263 | 11 | 3 | 2 | 0 | \$150K |

DEF = Deschutes National Forest



www.nifc.gov/sixminutes/index_j.asp

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 |
| | ACRES | | | | | | | 0 |
| Northwest | FIREs | | | | | 5 | 2 | 7 |
| | ACRES | | | | | 18 | 1 | 19 |
| Northern California | FIREs | | | | | 11 | 4 | 15 |
| | ACRES | | | | | 22 | 5 | 27 |
| Southern California | FIREs | | | | | 13 | 1 | 14 |
| | ACRES | | | | | 0 | 2 | 2 |
| 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 | | | | | 1 | | 1 |
| | ACRES | | | | | 0 | | 0 |
| Southern Area | FIREs | | | | | 2 | | 2 |
| | ACRES | | | | | 3 | | 3 |
| TOTAL | FIREs | 0 | 0 | 0 | 0 | 32 | 7 | 39 |
| | ACRES | 0 | 0 | 0 | 0 | 43 | 8 | 51 |

FIREs AND ACRES YEAR-TO-DATE:

| AREA | | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
|---------------------|-------|---------|-----------|---------|---------|-----------|-----------|-----------|
| Alaska | FIRES | 1 | 32 | 31 | 10 | 456 | 17 | 547 |
| | ACRES | 4 | 579,341 | 358,261 | 133,998 | 1,195,760 | 16 | 2,267,380 |
| Northwest | FIRES | 264 | 338 | 36 | 49 | 1,599 | 1,305 | 3,591 |
| | ACRES | 18,364 | 174,027 | 2,790 | 39 | 112,736 | 806,461 | 1,114,417 |
| Northern California | FIRES | 223 | 23 | 7 | 17 | 2,432 | 684 | 3,386 |
| | ACRES | 684 | 6,884 | 820 | 3,666 | 17,748 | 38,559 | 68,361 |
| Southern California | FIRES | 76 | 95 | 18 | 37 | 2,839 | 729 | 3,794 |
| | ACRES | 10,257 | 25,883 | 86 | 768 | 70,732 | 318,010 | 425,736 |
| Northern Rockies | FIRES | 948 | 51 | 32 | 46 | 574 | 923 | 2,574 |
| | ACRES | 13,909 | 10,537 | 2,178 | 9,153 | 31,302 | 84,039 | 151,118 |
| Eastern Great Basin | FIRES | 69 | 593 | 8 | 44 | 540 | 983 | 2,237 |
| | ACRES | 5,326 | 121,184 | 408 | 34 | 70,636 | 148,126 | 345,714 |
| Western Great Basin | FIRES | 10 | 454 | 2 | 12 | 91 | 150 | 719 |
| | ACRES | 316 | 41,283 | 80 | 6 | 884 | 42,298 | 84,867 |
| Southwest | FIRES | 1,178 | 288 | 31 | 70 | 1,253 | 1,753 | 4,573 |
| | ACRES | 263,691 | 20,622 | 6,870 | 17,865 | 215,565 | 449,472 | 974,085 |
| Rocky Mountain | FIRES | 512 | 593 | 51 | 66 | 1,177 | 759 | 3,158 |
| | ACRES | 54,812 | 68,651 | 685 | 9,115 | 216,381 | 318,419 | 668,063 |
| Eastern Area | FIRES | 762 | | 49 | 38 | 11,558 | 413 | 12,820 |
| | ACRES | 31,956 | | 1,875 | 609 | 65,932 | 3,357 | 103,729 |
| Southern Area | FIRES | 107 | | 190 | 45 | 29,935 | 829 | 31,106 |
| | ACRES | 17,425 | | 147,132 | 6,665 | 314,989 | 26,032 | 512,243 |
| TOTAL | FIRES | 4,150 | 2,467 | 455 | 434 | 52,454 | 8,545 | 68,505 |
| | ACRES | 416,744 | 1,048,412 | 521,185 | 181,918 | 2,312,665 | 2,234,789 | 6,715,713 |

| | |
|--------------------------|-----------|
| Eight Year Average Fires | 73,290 |
| Eight Year Average Acres | 3,983,257 |

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

and

Data may fluctuate for those units on weekly or other off-season reporting schedules

PRESCRIBED FIRES AND ACRES YESTERDAY:

| AREA | | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
|---------------------|-------|-----|-----|-----|-----|-------|------|-------|
| Alaska | FIRES | | | | | | | 0 |
| | ACRES | | | | | | | 0 |
| Northwest | FIRES | | | | | | 2 | 2 |
| | ACRES | | | | | | 134 | 134 |
| 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 | 8 | | | | | | 8 |
| | ACRES | 600 | | | | | | 600 |
| Rocky Mountain | FIRES | | | | | | | 0 |
| | ACRES | | | | | | | 0 |
| Eastern Area | FIRES | | | | | | | 0 |
| | ACRES | | | | | | | 0 |
| Southern Area | FIRES | | | | | | | 0 |
| | ACRES | | | | | | | 0 |
| TOTAL | FIRES | 8 | 0 | 0 | 0 | 0 | 2 | 10 |
| | ACRES | 600 | 0 | 0 | 0 | 0 | 134 | 734 |

PRESCRIBED FIRES AND ACRES YEAR-TO-DATE:

| AREA | | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
|---------------------|-------|--------|--------|---------|---------|---------|---------|-----------|
| Alaska | FIREs | | | 1 | | | | 1 |
| | ACRES | | | 1,085 | | | | 1,085 |
| Northwest | FIREs | 22 | 106 | 38 | 10 | 6 | 308 | 490 |
| | ACRES | 6,145 | 25,011 | 7,583 | 254 | 292 | 33,050 | 72,335 |
| Northern California | FIREs | 7 | 14 | 14 | 16 | | 94 | 145 |
| | ACRES | 163 | 1,269 | 22,774 | 283 | | 14,839 | 39,328 |
| Southern California | FIREs | 1 | 2 | 6 | 16 | | 98 | 123 |
| | ACRES | 70 | 24 | 286 | 3,641 | | 17,296 | 21,317 |
| Northern Rockies | FIREs | 9 | 12 | 129 | 5 | 54 | 462 | 671 |
| | ACRES | 725 | 1,800 | 19,100 | 1,057 | 5,435 | 26,933 | 55,050 |
| Eastern Great Basin | FIREs | 1 | 32 | 2 | 14 | 13 | 57 | 119 |
| | ACRES | 7 | 12,787 | 445 | 4,242 | 611 | 33,778 | 51,870 |
| Western Great Basin | FIREs | | | | 4 | | 5 | 9 |
| | ACRES | | | | 105 | | 172 | 277 |
| Southwest | FIREs | 70 | 14 | 10 | 1 | | 209 | 304 |
| | ACRES | 11,127 | 17,260 | 4,722 | 600 | | 22,433 | 56,142 |
| Rocky Mountain | FIREs | 8 | 20 | 123 | 8 | 22 | 37 | 218 |
| | ACRES | 516 | 3,952 | 17,736 | 2,290 | 2,180 | 11,929 | 38,603 |
| Eastern Area | FIREs | 21 | | 336 | 8 | 497 | 184 | 1,046 |
| | ACRES | 8,709 | | 56,620 | 437 | 62,150 | 22,625 | 150,541 |
| Southern Area | FIREs | 60 | | 245 | 90 | 19,837 | 906 | 21,138 |
| | ACRES | 11,061 | | 112,381 | 100,004 | 886,898 | 726,740 | 1,837,084 |
| TOTAL | FIREs | 199 | 200 | 904 | 172 | 20,429 | 2,360 | 24,264 |
| | ACRES | 38,523 | 62,103 | 242,732 | 112,913 | 957,566 | 909,795 | 2,323,632 |

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

| AREA | | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
|---------------------|-------|-----|-------|-------|-------|-------|--------|--------|
| Alaska | FIREs | | | | | | | 0 |
| | ACRES | | | | | | | 0 |
| Northwest | FIREs | | | | | | 6 | 6 |
| | ACRES | | | | | | 12 | 12 |
| Northern California | FIREs | | | | | | | 0 |
| | ACRES | | | | | | | 0 |
| Southern California | FIREs | | | 21 | | | 6 | 27 |
| | ACRES | | | 3,254 | | | 1 | 3,255 |
| Northern Rockies | FIREs | | | 14 | | | 42 | 56 |
| | ACRES | | | 3,634 | | | 4,669 | 8,303 |
| Eastern Great Basin | FIREs | | | 1 | | | 14 | 15 |
| | ACRES | | | 0 | | | 4,964 | 4,964 |
| Western Great Basin | FIREs | 8 | | | | | 1 | 9 |
| | ACRES | 851 | | | | | 1 | 852 |
| Southwest | FIREs | | | 1 | | | 8 | 9 |
| | ACRES | | | 380 | | | 4,485 | 4,865 |
| Rocky Mountain | FIREs | 13 | | | | 1 | 3 | 17 |
| | ACRES | 736 | | | | 0 | 22,594 | 23,330 |
| Eastern Area | FIREs | | | | | | | 0 |
| | ACRES | | | | | | | 0 |
| Southern Area | FIREs | | | 8 | | | | 8 |
| | ACRES | | | 406 | | | | 406 |
| TOTAL | FIREs | 0 | 21 | 0 | 45 | 1 | 80 | 147 |
| | ACRES | 0 | 1,587 | 0 | 7,674 | 0 | 36,726 | 45,987 |

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

| 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 | 10 | 10 | 17 | 1 | 13 | | | 97 | 130 |
| Northern California | 6 | | 7 | | | | | | | |
| Southern California | 10 | 2 | 10 | 5 | 6 | 2 | | | 3 | 4 |
| Northern Rockies | | | | | | | | | | |
| Eastern Great Basin | | | | | | | | | | |
| Western Great Basin | | | | | | | | | | |
| Southwest | 2 | | 3 | | | 1 | | | 22 | 3 |
| Rocky Mountain | | | | | | | | | | |
| Eastern Area | | | | | | | | | 74 | |
| Southern Area | | | | | | | | | | |
| Total | 22 | 12 | 30 | 22 | 7 | 16 | 0 | 0 | 196 | 137 |

*** NATIONAL INTERAGENCY COORDINATION CENTER ***