# National Interagency Coordination Center Incident Management Situation Report <br> Wednesday, June 26, 2019 - 0530 MT <br> <br> National Preparedness Level 2 

 <br> <br> National Preparedness Level 2}

National Fire Activity
Initial attack activity:
New large incidents:
Large fires contained:
Uncontained large fires:**
Area Command teams committed:
NIMOs committed:
Type 1 IMTs committed:
Type 2 IMTs committed:
Nationally, there are 21 large fires being managed under a strategy other than full suppression.
**Uncontained large fires include only fires being managed under a full suppression strategy.
Link to Geographic Area daily reports.
Link to Understanding the IMSR.

Five wildland fire suppression crews and one Interagency Resource Representative (IARR) are assigned to support large fires in Alberta, Canada.

| Active Incident Resource Summary |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| GACC | Incidents | Cumulative <br> Acres | Crews | Engines | Helicopters | Total <br> Personnel |
| AICC | 12 | 47,746 | 30 | 13 | 13 | 1,022 |
| NWCC | 1 | 6,100 | 3 | 10 | 0 | 108 |
| ONCC | 1 | 410 | 3 | 0 | 2 | 65 |
| OSCC | 2 | 1,616 | 5 | 14 | 4 | 207 |
| NRCC | 0 | 0 | 0 | 0 | 0 | 0 |
| GBCC | 2 | 1,695 | 0 | 5 | 0 | 30 |
| SWCC | 7 | 137,559 | 35 | 64 | 12 | 1,539 |
| RMCC | 3 | 449 | 3 | 5 | 0 | 77 |
| EACC | 0 | 0 | 0 | 0 | 0 | 0 |
| SACC | 3 | 32,184 | 0 | 4 | 0 | 8 |
| Total | $\mathbf{3 1}$ | 227,759 | 79 | $\mathbf{1 1 5}$ | $\mathbf{3 1}$ | $\mathbf{3 , 0 5 6}$ |

## Alaska Area (PL 4)

New fires: 8
New large incidents: 2
Uncontained large fires: 3
Type 2 IMTs Committed:
Swan Lake, Kenai-Kodiak Area, Alaska DOF. IMT 2 (AK Black Team). Six miles northeast of Sterling, AK. Timber and short grass. Extreme fire behavior with single tree torching, group torching and spotting. Numerous structures threatened. Area, road and trail closures in effect.

Shovel Creek, Fairbanks Area Zone, Alaska DOF. IMT 2 (AK Green Team). IMT is also managing the Nugget Creek incident. Twenty miles northwest of Fairbanks, AK. Timber and brush. Active fire behavior with backing, torching and spotting. Residences and communication infrastructure threatened.

Nugget Creek, Fairbanks Area Zone, Alaska DOF. Sixteen miles northeast of North Pole, AK. Timber. Moderate fire behavior with creeping, smoldering and isolated torching. Trail closures in effect.

Caribou Creek, Fairbanks Area Zone, Alaska DOF. Twenty miles northeast of North Pole, AK. Tall grass and timber. Minimal fire behavior with creeping.

Boundry River, Tok Area Forestry, Alaska DOF. Thirty-seven miles southeast of Tok, AK. Timber and short grass. Minimal fire behavior with smoldering and creeping. Residences threatened.

* Frozen Calf, Upper Yukon Zone, BLM. Twenty-five miles northeast of Chalkyitsik, AK. Timber and hardwood litter. Minimal fire behavior with crowning, backing and running. Communication infrastructure threatened. Last narrative report unless significant activity occurs.
* Victoria Mountain, Upper Yukon Zone, BLM. Thirty-eight miles southeast of Beaver, AK. Timber and hardwood litter. Minimal fire behavior with backing, creeping and smoldering. Last narrative report unless significant activity occurs.

| Incident Name | Unit | Size |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc <br> Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Swan Lake | AK-KKS | 40,383 | 2,953 | 10 | Comp | 08/31 | 511 | 128 | 15 | 10 | 6 | 0 | 4.5M | FWS |
| Shovel Creek | AK-FAS | 908 | 320 | 0 | Ctn | 07/06 | 237 | 67 | 6 | 3 | 1 | 0 | 600K | ST |
| Nugget Creek | AK-FAS | 658 | 39 | 0 | Comp | 10/01 | 11 | 11 | 0 | 0 | 0 | 0 | 1K | ST |
| Caribou Creek | AK-FAS | 310 | 0 | 65 | Ctn | 07/02 | 159 | 0 | 7 | 0 | 3 | 0 | 1.5M | ST |
| Boundry River | AK-TAS | 1,700 | 11 | 0 | Ctn | 07/10 | 0 | 0 | 0 | 0 | 0 | 0 | 125K | ST |
| * Frozen Calf | AK-UYD | 3,037 | --- | 0 | Comp | 07/31 | 0 | --- | 0 | 0 | 0 | 0 | 1K | BLM |
| * Victoria Mountain | AK-UYD | 328 | -- | 0 | Comp | 07/31 | 0 | --- | 0 | 0 | 0 | 0 | 1K | BLM |
| Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| North River | AK-GAD | 51,000 | --- | 0 | Comp | 09/01 | 0 | --- | 0 | 0 | 0 | 0 | 15K | BLM |
| McArthur Creek | AK-TAS | 6,774 | --- | 0 | Comp | 07/15 | 2 | --- | 0 | 0 | 0 | 0 | 84K | ST |
| Old Grouch Top | AK-SWS | 6,426 | --- | 0 | Comp | 07/31 | 0 | --- | 0 | 0 | 0 | 0 | 1K | ST |
| Hadweenzic River | AK-UYD | 3,946 | --- | 0 | Comp | 07/31 | 0 | --- | 0 | 0 | 0 | 0 | 1K | BLM |
| Ongivinuk River | AK-SWS | 2,505 | --- | 0 | Comp | 07/31 | 0 | --- | 0 | 0 | 0 | 0 | 5K | FWS |
| Bakbuk Creek | AK-SWS | 776 | --- | 0 | Comp | 07/04 | 0 | --- | 0 | 0 | 0 | 0 | 1K | ST |
| Black River | AK-UYD | 711 | --- | 0 | Comp | 07/31 | 0 | --- | 0 | 0 | 0 | 0 | NR | BLM |
| Marr | AK-UYD | 644 | --- | 0 | Comp | 07/31 | 0 | --- | 0 | 0 | 0 | 0 | 12 K | BLM |


| Incident Name | Unit | Size |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc <br> Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Hess Creek | AK-UYD | 550 | --- | 0 | Comp | 07/31 | 0 | --- | 0 | 0 | 0 | 0 | 2K | BLM |
| East Fork Dennison | AK-TAS | 400 | --- | 0 | Comp | 07/30 | 0 | --- | 0 | 0 | 0 | 0 | 3K | ST |
| Kipchuk River | AK-SWS | 328 | --- | 0 | Comp | 07/31 | 0 | --- | 0 | 0 | 0 | 0 | 1K | ST |
| Shoeleather Creek | AK-SWS | 172 | --- | 0 | Comp | 07/31 | 0 | --- | 0 | 0 | 0 | 0 | 2 K | BLM |

GAD - Galena Zone, BLM SWS - Southwest Area Forestry, DOF

## Southwest Area (PL 3)

| New fires: | 9 |
| :--- | :--- |
| New large incidents: | 0 |
| Uncontained large fires: | 3 |
| Type 1 IMTs Committed: | 1 |
| Type 2 IMTs Committed: | 1 |

Woodbury, Tonto NF. IMT 1 (SW Team 2). Fifteen miles northwest of Superior, AZ. Tall grass, brush and chaparral. Moderate fire behavior with backing, flanking and uphill runs. Infrastructure threatened. Evacuations have been lifted. Area, road and trail closures in effect.

Pine Lodge, Lincoln NF. IMT 2 (SW Team 5). Five miles northwest of Arabella, NM. Timber, short grass and medium logging slash. Active fire behavior with short-range spotting, group torching and flanking. Structures and infrastructure threatened. Evacuations, area, road and trail closures in effect.

Badger Springs, Phoenix District Office, BLM. Seven miles southeast of Cordes Junction, AZ. Brush and tall grass. Minimal fire behavior.

Bylas, San Carlos Agency, BIA. Twenty-five miles southwest of San Carlos, AZ. Short grass and brush. Minimal fire behavior with creeping and smoldering.

| Incident Name | Unit | Si |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Woodbury | AZ-TNF | 121,899 | 9,000 | 48 | Comp | 07/15 | 836 | -95 | 18 | 32 | 8 | 0 | 18M | FS |
| Pine Lodge | NM-LNF | 9,053 | 1,155 | 5 | Ctn | 08/01 | 558 | 45 | 14 | 24 | 2 | 3 | 2.7M | FS |
| Badger Springs | AZ-PHD | 2,525 | 0 | 90 | Ctn | 06/26 | 65 | 0 | 1 | 2 | 1 | 0 | 265K | BLM |
| Bylas | AZ-SCA | 340 | 0 | 90 | Ctn | 06/28 | 19 | 2 | 0 | 0 | 1 | 0 | 1.2M | BIA |
| Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gurule | NM-CAF | 2,360 | --- | 90 | Comp | 06/30 | 30 | --- | 0 | 3 | 0 | 0 | 465K | FS |
| Lone Mountain | NM-LNF | 1,046 | --- | 80 | Comp | 07/15 | 6 | --- | 0 | 1 | 0 | 0 | 175K | FS |

CAF - Carson NF

Southern California Area (PL 2)
New fires:

$$
25
$$

New large incidents:1

Uncontained large fires: 0

| Incident Name | Unit | Size |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| * Lonoak | CA-BEU | 500 | --- | 100 | Ctn | --- | 115 | --- | 3 | 14 | 2 | 0 | 10K | ST |

BEU - San Benito-Monterey Unit, Cal Fire

## Northern California Area (PL 2)

| New fires: | 10 |
| :--- | :---: |
| New large incidents: | 0 |
| Uncontained large fires: | 0 |


| Incident Name | Unit |  |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc <br> Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| East | CA-MNF | 410 | 5 | 30 | Comp | 07/31 | 65 | -99 | 3 | 0 | 2 | 0 | 900K | FS |

## Great Basin Area (PL 1)

New fires:10

New large incidents:
2
Uncontained large fires:

* Union, Pershing County. Started on private land 35 miles northeast of Lovelock, NV. Brush and tall grass. Moderate fire behavior.

| Incident Name | Unit | Size |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc <br> Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| * Union | NV-PERX | 1,245 | --- | 20 | Ctn | 06/26 | 28 | --- | 0 | 4 | 0 | 1 | 40K | PRI |
| * Bald Mountain | UT-SCS | 450 | --- | 100 | Ctn | --- | 27 | --- | 0 | 6 | 0 | 0 | 10K | ST |

SCS - Central Area, Utah DOF

## Northwest Area (PL 1)

| New fires: | 6 |
| :--- | :--- |
| New large incidents: | 0 |
| Uncontained large fires: | 1 |

Elmer City, Colville Agency, BIA. Four miles northwest of Elmer City, WA. Timber and short grass. Minimal fire behavior with smoldering. Residences, structures and infrastructure threatened.

| Incident Name | Unit | Size |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc <br> Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Elmer City | WA-COA | 2,100 | 0 | 90 | Ctn | 06/26 | 108 | 32 | 3 | 10 | 0 | 3 | 400K | FS |

## Southern Area (PL 1)

New fires:
New large incidents:
Uncontained large fires:

Sawgrass (6), Florida Forest Service. Nineteen miles northwest of Weston, FL. Southern rough. Minimal fire behavior. Last narrative report unless significant activity occurs.

| Incident Name | Unit |  |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc <br> Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sawgrass (6) | FL-FLS | 31,500 | 13,000 | 54 | Comp | 06/26 | 4 | 4 | 0 | 0 | 0 | 0 | 6 K | ST |

Fires and Acres Yesterday (by Protection):

| Area |  | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alaska Area | FIRES | 0 | 4 | 0 | 0 | 4 | 0 | $\mathbf{8}$ |
|  | ACRES | 0 | 9,286 | 0 | 0 | 5,136 | 0 | $\mathbf{1 4 , 4 2 2}$ |
| Northwest Area | FIRES | 0 | 0 | 0 | 0 | 2 | 4 | $\mathbf{6}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Northern California Area | FIRES | 0 | 0 | 0 | 0 | 9 | 1 | $\mathbf{1 0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 118 | 5 | $\mathbf{1 2 3}$ |
| Southern California Area | FIRES | 0 | 0 | 0 | 0 | 21 | 4 | $\mathbf{2 5}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 107 | 5 | $\mathbf{1 1 2}$ |
| Northern Rockies Area | FIRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Great Basin Area | FIRES | 0 | 3 | 0 | 0 | 7 | 0 | $\mathbf{1 0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 1,500 | 5 | $\mathbf{1 , 5 0 5}$ |
| Southwest Area | FIRES | 4 | 1 | 0 | 0 | 1 | 3 | $\mathbf{9}$ |
|  | ACRES | 1 | 1 | 0 | 0 | 89 | 3,060 | $\mathbf{3 , 1 5 1}$ |
| Eastern Area | ACRES | 0 | 0 | 0 | 0 | 2 | 0 | $\mathbf{2}$ |
|  | FIRES | 0 | 0 | 0 | 0 | 9 | 60 | $\mathbf{6 9}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| TOTAL FIRES: | FIRES | 0 | 0 | 0 | 0 | 34 | 0 | $\mathbf{3 4}$ |
| TOTAL ACRES: | ACRES | 0 | 0 | 0 | 0 | 13,975 | 0 | $\mathbf{1 3 , 9 7 5}$ |
|  |  | $\mathbf{4}$ | $\mathbf{8}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{8 0}$ | $\mathbf{1 2}$ | $\mathbf{1 0 4}$ |
| $\mathbf{1}$ | $\mathbf{9 , 2 8 7}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{2 0 , 9 3 4}$ | $\mathbf{3 , 1 3 5}$ | $\mathbf{3 3 , 3 5 7}$ |  |  |

Fires and Acres Year-to-Date (by Protection):

| Area |  | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alaska Area | FIRES | 0 | 137 | 0 | 0 | 172 | 17 | 326 |
|  | ACRES | 0 | 126,021 | 0 | 0 | 73,243 | 5 | 199,269 |
| Northwest Area | FIRES | 68 | 35 | 7 | 3 | 388 | 106 | 607 |
|  | ACRES | 3,147 | 19,370 | 83 | 1 | 1,684 | 858 | 25,144 |
| Northern California Area | FIRES | 4 | 5 | 2 | 2 | 800 | 85 | 898 |
|  | ACRES | 7 | 24 | 0 | 1 | 6,446 | 824 | 7,302 |
| Southern California Area | FIRES | 8 | 41 | 2 | 4 | 1,198 | 98 | 1,351 |
|  | ACRES | 17 | 70 | 2,500 | 5 | 7,164 | 813 | 10,569 |
| Northern Rockies Area | FIRES | 478 | 7 | 10 | 1 | 186 | 58 | 740 |
|  | ACRES | 4,831 | 125 | 1,424 | 0 | 6,011 | 677 | 13,069 |
| Great Basin Area | FIRES | 8 | 111 | 0 | 9 | 142 | 37 | 307 |
|  | ACRES | 8 | 1,256 | 0 | 8 | 2,054 | 29 | 3,355 |
| Southwest Area | FIRES | 333 | 98 | 7 | 10 | 291 | 265 | 1,004 |
|  | ACRES | 1,925 | 4,655 | 10 | 1,128 | 13,467 | 105,915 | 127,101 |
| Rocky Mountain Area | FIRES | 82 | 63 | 1 | 4 | 146 | 70 | 366 |
|  | ACRES | 784 | 131 | 5,048 | 0 | 12,938 | 3,687 | 22,588 |
| Eastern Area | FIRES | 300 | 0 | 8 | 26 | 2,275 | 231 | 2,840 |
|  | ACRES | 569 | 0 | 52 | 519 | 21,653 | 5,537 | 28,330 |
| Southern Area | FIRES | 184 | 0 | 24 | 35 | 9,456 | 193 | 9,892 |
|  | ACRES | 22,128 | 0 | 846 | 1,898 | 138,853 | 12,890 | 176,615 |
| TOTAL FIRES: |  | 1,465 | 497 | 61 | 94 | 15,054 | 1,160 | 18,331 |
| TOTAL ACRES: |  | 33,417 | 151,652 | 9,963 | 3,560 | 283,513 | 131,237 | 613,345 |


| Ten Year Average Fires (2009-2018 as of today) | 28,880 |
| :--- | :---: |
| Ten Year Average Acres (2009 - 2018 as of today) | $\mathbf{1 , 8 9 1 , 6 8 7}$ |

***Changes in some agency YTD acres reflect more accurate mapping or reporting adjustments.
***Additional wildfire information is available through the Geographic Areas at https://gacc.nifc.gov/

Canadian Fires and Hectares

| PROVINCES | FIRES <br> YESTERDAY | HECTARES <br> YESTERDAY | FIRES <br> YEAR-TO-DATE | HECTARES <br> YEAR-TO-DATE |
| :---: | :---: | :---: | :---: | :---: |
| BRITISH COLUMBIA | 8 | 5 | 389 | 11,141 |
| YUKON TERRITORY | 3 | 703 | 40 | 22,491 |
| ALBERTA | 2 | 0 | 681 | 803,394 |
| NORTHWEST TERRITORY | 2 | 7 | 40 | 4,323 |
| SASKATCHEWAN | 1 | 78 | 158 | 1,267 |
| MANITOBA | 1 | 5 | 140 | 25,415 |
| ONTARIO | 0 | 5,134 | 145 | 25,983 |
| QUEBEC | 3 | 1 | 104 | 5,645 |
| NEWFOUNDLAND | 0 | 0 | 56 | 90 |
| NEW BRUNSWICK | 1 | 2 | 120 | 166 |
| NOVA SCOTIA | 3 | 2 | 91 | 105 |
| PRINCE EDWARD ISLAND | 0 | 0 | 1 | 9 |
| NATIONAL PARKS | 1 | 1 | 28 | 387 |
| TOTALS | 25 | 5,938 | 1,993 | 900,414 |

*1 Hectare $=2.47$ Acres
Predictive Services Discussion: A strong ridge of high pressure will move east from the Aleutian Islands toward the southwestern Interior of Alaska. This will produce significant warming and drying inland. Most of the state will be convection-free except possibly the eastern fringes of the southeastern Interior. A low pressure area situated along the coast of the Pacific Northwest will increase shower activity over western Washington and northwestern Oregon. Southwesterly flow will continue the breezy pattern across the Great Basin and California. Pockets of critical fire weather conditions are possible across the northern Great Basin. High pressure will begin building over northern Mexico and Texas and will allow for a significant warming trend to begin. Isolated premonsoonal convection will be possible along the Continental Divide in New Mexico.

This Day in History is a brief summary of a powerful learning opportunity and is not intended to second guess or be judgmental of decisions and actions. Put yourself in the following situation as if you do not know what the outcome will be. What are the conditions? What are you thinking?

## What are YOU doing?

The Dude Fire
Incident Summary: June of 1990 will long be remembered as one of the hottest months in Arizona history. On June $26^{\text {th }}$ the temperature rose to record temperatures of $122^{\circ} \mathrm{F}$ in Phoenix and to $106^{\circ} \mathrm{F}$ in Payson. In addition to the extreme temperatures, Arizona had been in a severe 3 year drought, the combination producing a critically high fire danger throughout the state, especially the Mogollon Rim country and the Tonto National Forest north of Payson. Fuels in the area are primarily ponderosa pine with an understory of mixed oak, manzanita, needle and leaf litter, and scattered large (greater than 6 inch diameter) dead logs. Much of the understory brush is heavily draped with very dry pine needles. Live fuel moisture of the manzanita and oak is very low ( $76 \%$ ), fine dead fuel moisture is $3 \%$ and $8 \%$ for larger dead fuels.

At 1230 June $25^{\text {th }}$, a dry lightning storm starts a fire under the Mogollon Rim on the Payson Ranger District, Tonto NF Arizona. The fire is on a steep SW facing slope at 6400 ft . elevation. At 1330, the fire is estimated from the air at 5 acres, 50 acres one hour later, and over 100 acres by 1615 with a spot fire one mile east of the main fire. By 1800 a Type II IMT has arrived and a Type I IMT and 18 crews had been ordered. The fire is being pushed by brisk down canyon winds and is 1900 acres by 0500 on June $26^{\text {th }}$ and is threatening the forest subdivision of Bonita Creek Estates. A convection column, aided by combustion, begins forming over the fire by 1000. The column continues to grow and becomes a fully mature thunderstorm by 1400 . Radio and frequency issues are causing a breakdown in communication between the crews and the overhead team. The teams are transitioning mid-shift resulting in confusion between the crews and supervision. The thunderstorm begins to decay creating strong downbursts channeled by the topography, causing dramatic down and across slope fire spread on nearly all sides of the fire. Members of the Perryville Fire Crew will not be able to escape from the fast and erratic fire spread. Five are injured. Six will die on the fireline.

## Discussion Points:

The fire behavior indicator system "Look Up, Look Down, Look Around" was developed in response to this tragic fire.

- Using page 2 and 3 in your IRPG, what indicators are most significant in your area to let you know the fire behavior may become problematic?
The Haines Index, a measure of the atmospheres effect on a fire's growth potential, was adopted for inclusion on Fire Weather forecasts issued by the National Weather Service.
- Review and discuss the Haines Index information on page 75 in your IRPG. In his paper "LCES and Other Thoughts", Paul Gleason writes about kneeling next to one of the Perryville firefighters and of his promise to help end needless fatalities and near misses.
- Review page 6 in your IRPG and discuss how you and your crew establish and maintain LCES.
- Discuss the difference between establishing LCES and maintaining LCES.
- What are common barriers to maintaining LCES?

We honor these firefighters today by learning about the lessons they learned the hard way and by using this tragic event as a tool to keep ourselves and our crews safe on the fireline. Use the following resources:

- Dude Fire Staff Ride
- Fire Investigation Report
- Dude Fire - Fire Weather Behavior
- "LCES and Other Thoughts" by Paul Gleason


