

National Interagency Coordination Center
Incident Management Situation Report
Friday, November 25, 2016 – 0800 MT
National Preparedness Level 1

National Fire Activity

| | |
|-------------------------------|----------------------|
| Initial attack activity: | Light (30 new fires) |
| New large incidents: | 5 |
| Large fires contained: | 7 |
| Uncontained large fires:** | 24 |
| Area Command Teams Committed: | 0 |
| NIMOs committed: | 0 |
| Type 1 IMTs committed: | 3 |
| Type 2 IMTs committed: | 3 |

**Uncontained large fires include only fires being managed under a full suppression strategy.
[Link](#) to Geographic Area daily reports.

Southern Area (PL 5)

| | |
|--------------------------|----|
| New fires: | 30 |
| New large incidents: | 5 |
| Uncontained large fires: | 23 |
| Type 1 IMTs committed: | 3 |
| Type 2 IMTs committed: | 3 |

Horton, North Carolina Forest Service. Six miles east of Blowing Rock, NC. Hardwood litter. Moderate fire behavior with flanking. Numerous structures threatened. Evacuations in effect.

Rock Mountain, Chattahoochee-Oconee NF. IMT 1 (Livingston). Two miles south of Tate City, GA. Hardwood litter and timber. Moderate fire behavior with creeping, backing and flanking. Numerous residences threatened. Road, area and trail closures in effect.

Mount Pleasant, George Washington & Jefferson NF. Four miles west of Lowesville, VA. Hardwood litter. Active fire behavior with uphill runs and backing. Structures threatened. Road, area and trail closures in effect.

* **Camp Branch**, National Forests in North Carolina. IMT 1 (Wilkins). IMT is also managing the Tellico, Boteler, Maple Springs, Dicks Creek, Muskrat, and Cathy Gap fires. Seven miles west of Franklin, NC. Hardwood litter, timber and grass. Minimal fire behavior with creeping and smoldering. Numerous structures threatened. Precipitation occurred over the fire area yesterday.

Tellico, National Forests in North Carolina. Three miles south of Almond, NC. Hardwood litter, timber and short grass. Minimal fire behavior with creeping and smoldering. Numerous structures threatened. Trail closures in effect. Precipitation occurred over the fire area yesterday.

Boteler, National Forests in North Carolina. Nine miles east of Hayesville, NC. Timber and brush. Minimal fire behavior. Numerous structures threatened. Road, area and trail closures in effect. Precipitation occurred over the fire area yesterday.

Maple Springs, National Forests in North Carolina. Three miles northwest of Santeetlah Lake, NC. Hardwood litter, timber and brush. Minimal fire behavior with smoldering. Structures threatened. Road, area and trail closures in effect.

Dick's Creek, National Forests in North Carolina. Two miles northwest of Sylva, NC. Hardwood litter, short grass and timber. Minimal fire behavior with smoldering. Structures threatened. Precipitation occurred over the fire area yesterday.

Muskrat, North Carolina Forest Service. Eight miles southwest of Franklin, NC. Hardwood litter and timber. Minimal fire behavior. Precipitation occurred over the fire area yesterday.

Cathy Gap, National Forests in North Carolina. Four miles northwest of Balsam Grove, NC. Hardwood litter and timber. Minimal fire behavior. Structures threatened. Precipitation occurred over the fire area yesterday.

Pinnacle Mountain, South Carolina Forestry Commission. Three miles southeast of Rocky Bottom, SC. Hardwood Litter and timber. Moderate fire behavior. Numerous structures threatened. Road, area and trail closures in effect. Precipitation occurred over the fire area yesterday.

Clear Creek, North Carolina Forest Service. IMT 2 (Thompson). Five miles west of Marion, NC. Hardwood litter. Active fire behavior with backing and flanking. Numerous residences threatened. Road closures in effect.

Party Rock, North Carolina Forest Service. ODF IMT 1 (Buckman). One mile north of Lake Lure, NC. Hardwood litter. Minimal fire behavior with smoldering. Numerous structures threatened. Area and trail closures in effect.

Chestnut Knob, North Carolina Forest Service. NCFS IMT 2 (Kern). Three miles south of Enola, NC. Hardwood litter. Minimal fire behavior with smoldering. Numerous structures threatened. Road, area and trail closures in effect.

Chimney Rock, Big South Fork National River and Recreation Area. Thirteen miles northwest of Oneida, TN. Hardwood litter and timber. Moderate fire behavior with backing, flanking and uphill runs. Structures threatened.

Tatum Gulf, Georgia Forestry Commission. Eleven miles west of LaFayette, GA. Hardwood litter. Minimal fire behavior. Structures threatened. Road and area closures in effect.

Rough Ridge, Chattahoochee-Oconee NF. IMT 2 (Fogle). Thirteen miles northwest of Blue Ridge, GA. Hardwood litter, timber and brush. Minimal fire behavior with smoldering. Area and trail closures in effect.

* **Criswell Hollow Road**, Kentucky DOF. Started on private land seven miles south of Monticello, KY. Hardwood litter. Minimal fire behavior.

Eades Hollow, Virginia DOF. One mile northeast of Lovington, VA. Timber. No new information. Last report unless new information is received.

Eastern Cherokee Complex, Eastern Cherokee Agency, BIA. (2 fires). Four miles east of Cherokee, NC. Hardwood litter. No new information.

Quarry Creek, Cherokee NF. Two miles east of Tellico Plains, TN. Hardwood litter, brush and short grass. No new information. Last report unless new information is received.

Bowlings Creek, Kentucky DOF. Two miles south of Crockettsville, KY. Hardwood litter and timber. No new information. Last report unless new information is received.

2 Mile, North Carolina Forest Service. Five miles south of West Jefferson, NC. Hardwood litter. No new information.

Roaring, George Washington & Jefferson NF. Five miles southeast of Frog Level, VA. Timber. No new information.

Big Poplar, Cherokee NF. One mile west of Turtletown, TN. Hardwood litter, closed timber litter and timber. No new information. Last report unless new information is received.

| Incident Name | Unit | Size | | % Acres | Ctn/ Comp | Est | Personnel | | Resources | | | Strc Lost | \$\$ CTD | Origin Own |
|--------------------------|--------|--------|------|------------|--------------|-------|-----------|------|-----------|-----|------|--------------|-------------|---------------|
| | | Acres | Chge | | | | Total | Chge | Crw | Eng | Heli | | | |
| Horton | NC-NCS | 1,200 | 300 | 65 | Ctn | 11/30 | 150 | 143 | 0 | 31 | 0 | 0 | 100K | ST |
| Rock Mountain | GA-CHF | 18,069 | 0 | 35 | Ctn | 12/15 | 567 | 52 | 12 | 40 | 7 | 0 | 6M | FS |
| Mount Pleasant | VA-VAF | 7,200 | 715 | 30 | Comp | 12/12 | 252 | 26 | 18 | 13 | 3 | 0 | 1.1M | FS |
| * Camp Branch | NC-NCF | 1,363 | --- | 20 | Ctn | UNK | 90 | --- | 3 | 6 | 0 | 2 | 100K | FS |
| Tellico | NC-NCF | 13,874 | 0 | 95 | Ctn | UNK | 176 | -23 | 0 | 11 | 0 | 1 | 6.9M | FS |
| Boteler | NC-NCF | 9,036 | 0 | 77 | Ctn | 12/15 | 171 | -99 | 4 | 19 | 2 | 0 | 9.7M | FS |
| Maple Springs | NC-NCF | 7,788 | 0 | 71 | Ctn | 12/05 | 185 | -78 | 3 | 12 | 5 | 0 | 6.1M | FS |
| Dick's Creek | NC-NCF | 729 | 0 | 99 | Ctn | UNK | 1 | -4 | 0 | 0 | 0 | 0 | 913K | FS |
| Muskrat | NC-NCS | 104 | 0 | 99 | Ctn | UNK | 1 | 0 | 0 | 0 | 0 | 0 | 238K | ST |
| Cathy Gap | NC-NCF | 123 | 0 | 95 | Ctn | 11/25 | 1 | -12 | 0 | 0 | 0 | 0 | 331K | FS |
| Pinnacle Mountain | SC-SCS | 7,782 | 500 | 40 | Ctn | 12/24 | 258 | 18 | 3 | 15 | 6 | 0 | 2.6M | ST |
| Clear Creek | NC-NCS | 2,509 | 503 | 30 | Ctn | 12/10 | 321 | 23 | 8 | 22 | 2 | 0 | 907K | ST |
| Party Rock | NC-NCS | 7,171 | 0 | 70 | Comp | 12/01 | 306 | -77 | 6 | 27 | 2 | 3 | 6.6M | ST |
| Chestnut Knob | NC-NCS | 6,435 | 0 | 75 | Ctn | 11/29 | 211 | -18 | 5 | 16 | 0 | 0 | 3.3M | ST |
| Chimney Rock | TN-BSP | 600 | 222 | 40 | Ctn | 11/28 | 43 | 5 | 3 | 4 | 1 | 0 | 50K | NPS |
| Tatum Gulf | GA-GAS | 2,336 | 0 | 80 | Ctn | 11/30 | 14 | -34 | 0 | 4 | 0 | 2 | 572K | ST |
| Rough Ridge | GA-CHF | 27,870 | 0 | 75 | Comp | 11/30 | 197 | -21 | 6 | 11 | 1 | 0 | 6.8M | FS |
| * Criswell Hollow Road | KY-KYS | 200 | --- | 25 | Ctn | 11/26 | 0 | --- | 0 | 0 | 0 | 0 | 2K | PRI |
| Eades Hollow | VA-VAS | 922 | --- | 95 | Ctn | UNK | 26 | --- | 1 | 2 | 0 | 0 | 4K | ST |
| Eastern Cherokee Complex | NC-ECA | 756 | --- | 95 | Ctn | 11/25 | 56 | --- | 1 | 3 | 0 | 0 | 1.4M | BIA |
| Quarry Creek | TN-CNF | 690 | --- | 90 | Ctn | 11/25 | 46 | --- | 1 | 1 | 0 | 0 | 309K | FS |
| Bowlings Creek | KY-KYS | 500 | --- | 75 | Ctn | UNK | 20 | --- | 1 | 1 | 0 | 0 | 4K | ST |
| 2 Mile | NC-NCS | 440 | --- | 70 | Ctn | UNK | 78 | --- | 0 | 18 | 0 | 0 | 10K | ST |
| Roaring | VA-VAF | 200 | --- | 10 | Ctn | 11/25 | 29 | --- | 0 | 3 | 1 | 0 | 17K | FS |
| Big Poplar | TN-CNF | 157 | --- | 95 | Ctn | 11/25 | 36 | --- | 1 | 3 | 0 | 0 | 115K | FS |
| Kentucky Ridge | KY-KYS | 1,600 | 0 | 100 | Ctn | --- | 37 | 0 | 2 | 2 | 0 | 0 | 85K | ST |
| * Hayden | AL-ALS | 523 | --- | 100 | Ctn | --- | 0 | --- | 0 | 0 | 0 | 0 | 2K | PRI |
| Little Patterson | KY-KYS | 680 | 0 | 100 | Ctn | --- | 12 | 0 | 1 | 2 | 0 | 0 | 14K | ST |
| * Pinnacle Road | VA-VAS | 365 | --- | 100 | Ctn | --- | 15 | --- | 1 | 0 | 0 | 0 | 3K | ST |
| Wallsend | KY-KYS | 340 | 0 | 100 | Ctn | --- | 0 | 0 | 0 | 0 | 0 | 0 | 4K | ST |
| * Flat Turkey | KY-DBF | 186 | --- | 100 | Ctn | --- | 34 | --- | 1 | 1 | 0 | 0 | 30K | FS |
| Lost Fork | KY-DBF | 220 | 45 | 100 | Ctn | --- | 19 | -1 | 1 | 0 | 0 | 0 | 20K | FS |

Eastern Area (PL 1)

New fires: 0
New large incidents: 0
Uncontained large fires: 1

South, Monongahela NF. Four miles southeast of Frankford, WV. Hardwood litter and timber. Minimal fire behavior with creeping and smoldering. Structures threatened. Trail closures in effect.

| Incident Name | Unit | Size | | % Acres | Ctn/ Comp | Est | Personnel | | Resources | | | Strc Lost | \$\$ CTD | Origin Own |
|---------------|--------|------|-------|------------|--------------|-------|-----------|-------|-----------|-----|------|--------------|-------------|---------------|
| | | Chge | Total | | | | Chge | Total | Crw | Eng | Heli | | | |
| South | WV-MOF | 282 | 37 | 40 | Ctn | 11/28 | 62 | 0 | 1 | 3 | 1 | 0 | 315K | FS |

Active Incident Resource Summary

| GACC | Fires | Cumulative Acres | Crews | Engines | Helicopters | Total Personnel |
|--------------|-----------|-------------------|------------|------------|-------------|-----------------|
| AICC | 0 | 0 | 0 | 0 | 0 | 0 |
| NWCC | 0 | 0 | 0 | 0 | 0 | 0 |
| ONCC | 1 | 1,235 | 1 | 0 | 0 | 6 |
| OSCC | 1 | 43.09 | 0 | 1 | 0 | 6 |
| NRCC | 0 | 0 | 0 | 0 | 0 | 0 |
| GBCC | 0 | 0 | 0 | 0 | 0 | 0 |
| SWCC | 0 | 518 | 0 | 0 | 0 | 0 |
| RMCC | 0 | 0 | 0 | 0 | 0 | 0 |
| EACC | 2 | 1,269.5 | 1 | 8 | 2 | 82 |
| SACC | 81 | 160,355 | 102 | 340 | 30 | 3,818 |
| Total | 85 | 163,420.59 | 104 | 349 | 32 | 3,912 |

Fires and Acres Yesterday (by Protection):

| Area | | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
|--------------------------|-------|----------|----------|----------|----------|------------|--------------|--------------|
| Alaska Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Northwest Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Northern California Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Southern California Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Northern Rockies Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Great Basin Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Southwest Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rocky Mountain Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Eastern Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 33 | 33 |
| Southern Area | FIREs | 0 | 0 | 0 | 0 | 25 | 5 | 30 |
| | ACRES | 0 | 0 | 0 | 0 | 457 | 1,103 | 1,560 |
| TOTAL FIRES: | | 0 | 0 | 0 | 0 | 25 | 5 | 30 |
| TOTAL ACRES: | | 0 | 0 | 0 | 0 | 457 | 1,136 | 1,593 |

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

| Area | | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
|--------------------------|-------|----------------|------------------|---------------|----------------|------------------|------------------|------------------|
| Alaska Area | FIREs | 0 | 183 | 0 | 0 | 357 | 19 | 559 |
| | ACRES | 0 | 390,706 | 0 | 0 | 104,837 | 3 | 495,546 |
| Northwest Area | FIREs | 299 | 256 | 30 | 26 | 1,266 | 687 | 2,564 |
| | ACRES | 41,132 | 324,444 | 2,778 | 5,042 | 61,535 | 48,385 | 483,316 |
| Northern California Area | FIREs | 111 | 9 | 1 | 26 | 2,761 | 434 | 3,342 |
| | ACRES | 145 | 227 | 1 | 5 | 50,226 | 46,110 | 96,714 |
| Southern California Area | FIREs | 13 | 92 | 11 | 54 | 3,223 | 435 | 3,828 |
| | ACRES | 5,971 | 30,049 | 405 | 1,147 | 124,321 | 305,956 | 467,849 |
| Northern Rockies Area | FIREs | 800 | 99 | 11 | 27 | 1,260 | 473 | 2,670 |
| | ACRES | 14,733 | 5,851 | 2,013 | 61,914 | 42,192 | 61,511 | 188,214 |
| Great Basin Area | FIREs | 35 | 752 | 8 | 58 | 659 | 545 | 2,057 |
| | ACRES | 12,439 | 303,225 | 3 | 24,239 | 139,279 | 281,055 | 760,240 |
| Southwest Area | FIREs | 876 | 248 | 11 | 65 | 915 | 1,171 | 3,286 |
| | ACRES | 80,809 | 66,535 | 6,976 | 32,187 | 131,863 | 259,707 | 578,077 |
| Rocky Mountain Area | FIREs | 855 | 449 | 14 | 24 | 1,322 | 741 | 3,405 |
| | ACRES | 26,644 | 35,085 | 615 | 2,140 | 515,934 | 99,419 | 679,837 |
| Eastern Area | FIREs | 519 | 0 | 30 | 53 | 9,127 | 448 | 10,177 |
| | ACRES | 2,209 | 0 | 1,113 | 966 | 61,048 | 9,106 | 74,442 |
| Southern Area | FIREs | 404 | 1 | 60 | 77 | 25,968 | 706 | 27,216 |
| | ACRES | 134,045 | 1 | 1,556 | 28,954 | 1,116,808 | 102,465 | 1,383,829 |
| TOTAL FIRES: | | 3,912 | 2,089 | 176 | 410 | 46,858 | 5,659 | 59,104 |
| TOTAL ACRES: | | 318,127 | 1,156,123 | 15,460 | 156,594 | 2,348,043 | 1,213,717 | 5,208,064 |

| | |
|---|------------------|
| Ten Year Average Fires (2006 – 2015 as of today) | 66,061 |
| Ten Year Average Acres (2006 – 2015 as of today) | 6,239,677 |

Prescribed Fires and Acres Yesterday (by Ownership):

| Area | | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
|--------------------------|-------|-----|-----|-----|-----|-------|------|-------|
| Alaska Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Northwest Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Northern California Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Southern California Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Northern Rockies Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Great Basin Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Southwest Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rocky Mountain Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Eastern Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Southern Area | FIREs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL FIRES: | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL ACRES: | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Prescribed Fires and Acres Year-to-Date (by Ownership):

| Area | | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
|--------------------------|-------|---------------|---------------|----------------|---------------|----------------|------------------|------------------|
| Alaska Area | FIREs | 0 | 0 | 2 | 0 | 2 | 1 | 5 |
| | ACRES | 0 | 0 | 18 | 0 | 33,218 | 38 | 33,274 |
| Northwest Area | FIREs | 14 | 128 | 20 | 2 | 9 | 422 | 595 |
| | ACRES | 9,554 | 13,075 | 1,159 | 29 | 1,128 | 58,655 | 83,600 |
| Northern California Area | FIREs | 8 | 3 | 11 | 18 | 0 | 234 | 274 |
| | ACRES | 103 | 224 | 3,813 | 2,698 | 0 | 23,192 | 30,030 |
| Southern California Area | FIREs | 0 | 5 | 10 | 5 | 0 | 152 | 172 |
| | ACRES | 0 | 71 | 1,419 | 1,391 | 0 | 5,626 | 8,507 |
| Northern Rockies Area | FIREs | 15 | 32 | 59 | 13 | 94 | 463 | 676 |
| | ACRES | 5,520 | 6,243 | 14,333 | 956 | 4,511 | 27,311 | 58,874 |
| Great Basin Area | FIREs | 4 | 32 | 10 | 15 | 44 | 113 | 218 |
| | ACRES | 151 | 8,263 | 5,622 | 2,575 | 2,054 | 38,182 | 56,847 |
| Southwest Area | FIREs | 24 | 31 | 3 | 9 | 5 | 167 | 239 |
| | ACRES | 20,745 | 26,931 | 92 | 2,349 | 3,365 | 92,777 | 146,259 |
| Rocky Mountain Area | FIREs | 37 | 38 | 69 | 35 | 71 | 94 | 344 |
| | ACRES | 9,213 | 5,306 | 27,232 | 13,891 | 4,602 | 43,145 | 103,389 |
| Eastern Area | FIREs | 87 | 0 | 369 | 41 | 1,299 | 263 | 2,059 |
| | ACRES | 45,614 | 0 | 52,415 | 7,180 | 89,842 | 57,053 | 252,104 |
| Southern Area | FIREs | 24 | 0 | 197 | 69 | 12,448 | 948 | 13,686 |
| | ACRES | 4,767 | 0 | 162,624 | 51,834 | 720,377 | 849,885 | 1,789,487 |
| TOTAL FIRES: | | 213 | 269 | 750 | 207 | 13,972 | 2,857 | 18,268 |
| TOTAL ACRES: | | 95,667 | 60,113 | 268,727 | 82,903 | 859,097 | 1,195,864 | 2,562,371 |

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

Additional wildfire information is available through the Geographic Areas at <http://gacc.nifc.gov/>

Predictive Services Discussion: A broad trough will stretch across the U.S. Rain and snow showers will linger around the Great Lakes and New England. Rain on the Northwest Coast and snow in the Cascades and Northern Rockies will continue with the westerly flow. Cold conditions will remain across most of the West and North while southern states remain warm to very warm.

<http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm>



EXTREME FIRE BEHAVIOR 2

Weather / Fire Behavior Category

Mild, moderate and 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 respond correctly 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 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.

References:

Incident Response Pocket Guide

Have an idea? Have feedback? Share it.