# National Interagency Coordination Center Incident Management Situation Report <br> Saturday, August 28, 2021- 0730 MDT <br> National Preparedness Level 5 

## National Fire Activity:

| Initial attack activity: | Light (117 fires) |
| :--- | :---: |
| New large incidents: | 0 |
| Large fires contained: | 3 |
| Uncontained large fires: *** | 68 |
| Area Command teams committed: | 1 |
| NIMOs committed: | 2 |
| Type 1 IMTs committed: | 13 |
| Type 2 IMTs committed: | 16 |

Nationally, there are 49 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.
One MAFFS C-130 airtanker and support personnel each from the $152^{\text {nd }}$ Airlift Wing (Nevada Air National Guard), three MAFFS from the 302nd Airlift Wing (Colorado Air Force Reserve), two MAFFS from the $153^{\text {rd }}$ Airlift Wing (Wyoming Air National Guard) and two from the $1466^{\text {th }}$ Airlift Wing (California Air National Guard) have been deployed to McClellan, CA to support wildland fire operations nationally.

One RC-26 aircraft with Distributed Real-Time Infrared (DRTI) capability and support personnel from the 141 ${ }^{\text {st }}$ Air Refueling Wing (Washington Air National Guard) have been deployed to Fairchild, WA. One RC-26 aircraft with Distributed Real-Time Infrared (DRTI) capability and support personnel from the $162^{\text {nd }}$ Operations Group (Arizona Air National Guard) have been deployed to Eugene, OR in support of wildland fire operations. Also supporting these aircraft are eight ground controllers from multiple U.S. Air National Guard squadrons.

One Boeing 737 airtanker from New South Wales, Australia is supporting fire suppression efforts in the western United States.

| Active Incident Resource Summary |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GACC | Incidents | Cumulative <br> Acres | Crews | Engines | Helicopters | Total <br> Personnel | Change in <br> Personnel |
| AICC | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NWCC | 24 | 669,301 | 147 | 379 | 56 | 6,915 | -512 |
| ONCC | 9 | $1,505,209$ | 204 | 940 | 86 | 12,649 | -132 |
| OSCC | 4 | 30,753 | 58 | 132 | 24 | 2,041 | -93 |
| NRCC | 31 | 407,824 | 53 | 165 | 29 | 3,003 | -197 |
| GBCC | 4 | 90,742 | 1 | 5 | 3 | 113 | -2 |
| SWCC | 1 | 1,296 | 0 | 0 | 0 | 2 | 0 |
| RMCC | 4 | 10,951 | 2 | 62 | 3 | 258 | -43 |
| EACC | 5 | 28,118 | 14 | 50 | 5 | 687 | 55 |
| SACC | 1 | 109 | 0 | 5 | 0 | 14 | 0 |
| Total | $\mathbf{8 3}$ | $\mathbf{2 , 7 4 4 , 3 0 3}$ | $\mathbf{4 7 9}$ | $\mathbf{1 , 7 3 8}$ | $\mathbf{2 0 6}$ | $\mathbf{2 5 , 6 8 2}$ | $\mathbf{- 9 2 4}$ |

## Northern California Area (PL 5)

New fires: 19
New large incidents: 0
Uncontained large fires: 9
NIMOs committed: 2
Type 1 IMTs committed: 9
Type 2 IMTs committed: 5
Caldor, Eldorado NF, USFS. Unified command between IMT 1 (Cal Fire Team 6) and NIMO (Team 2). Sixteen miles northeast of Plymouth, CA. Timber, light slash and brush. Active fire behavior with torching, uphill runs and spotting. Several communities, numerous structures and infrastructure threatened. Evacuations, area, road and trail closures in effect.

Dixie, Butte Unit, Cal Fire. Transfer of command from IMT 1 (Cal Fire Team 3) to IMT 1 (Cal Fire Team 1) will occur today. Transfer of command from IMT 1 (CA Team 1) to IMT 1 (GB Team 1) will occur tomorrow. Fifteen miles northeast of Paradise, CA. Timber and brush. Active fire behavior with wind-driven runs, group torching and short-range spotting. Several communities, numerous structures and infrastructure threatened.
Evacuations, area, road and trail closures in effect.
Monument, Shasta-Trinity NF, USFS. Unified command between IMT 1 (Cal Fire Team 5) and IMT 1 (AK Team 1). IMT 1 (CA Team 5) mobilizing. One mile southwest of Del Loma, CA. Timber and brush. Active fire behavior with group torching, flanking and backing. Several communities, numerous structures and infrastructure threatened. Evacuations, area, road and trail closures in effect.

McFarland, Shasta-Trinity NF, USFS. Transfer of command from IMT 2 (CA Team 10) to IMT 2 (CA Team 11) will occur today. Four miles southeast of Wildwood, CA. Timber, chaparral and closed timber litter. Moderate fire behavior with flanking, backing and creeping. Several communities, numerous structures and infrastructure threatened. Area, road and trail closures in effect.

Antelope, Klamath NF, USFS. IMT 1 (SA Red Team). Twenty miles northeast of McCloud, CA. Timber and brush. Active fire behavior with torching, short-range spotting and uphill runs. Several communities and numerous structures threatened. Evacuations, area, road and trail closures in effect.

River Complex (3 fires), Klamath NF, USFS. NIMO (Team 3). Transfer of command from IMT 2 (CA Team 15) to IMT 2 (CA Team 13) will happen tomorrow. Nine miles southwest of Etna, CA. Timber and brush. Active fire behavior with backing, group torching and short-range spotting. Several communities, numerous structures and infrastructure threatened. Evacuations, area, road and trail closures in effect.

McCash, Six Rivers NF, USFS. IMT 2 (GB Team 3). Fourteen miles northeast of Somes Bar, CA. Timber, brush and short grass. Active fire behavior with flanking, running and backing. Several communities, numerous structures and communication infrastructure threatened. Evacuations, area, road and trail closures in effect.

| Incident Name | Unit | Size |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | $\begin{aligned} & \text { Origi } \\ & \text { n } \\ & \text { Own } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Caldor | CA-ENF | 145,463 | 5,953 | 19 | Ctn | 9/8 | 3,173 | 95 | 76 | 269 | 25 | 650 | 50.9M | FS |
| Dixie | CA-BTU | 752,920 | 3,207 | 47 | Ctn | 9/30 | 4,706 | -127 | 52 | 382 | 19 | 1,273 | 382.5M | ST |
| Monument | CA-SHF | 160,148 | 1,591 | 22 | Ctn | 11/1 | 2,319 | 247 | 35 | 171 | 18 | 50 | 50.5M | FS |
| McFarland | CA-SHF | 122,653 | 55 | 93 | Ctn | 9/9 | 310 | -314 | 3 | 5 | 7 | 46 | 38.9M | FS |
| Antelope | CA-KNF | 71,326 | 75 | 46 | Ctn | 9/30 | 941 | -4 | 21 | 47 | 5 | 17 | 30.1M | FS |
| River Complex | CA-KNF | 93,247 | 2,281 | 19 | Ctn | 10/1 | 748 | -35 | 10 | 47 | 9 | 15 | 24.4M | FS |
| McCash | CA-SRF | 27,373 | 1,625 | 1 | Ctn | 10/31 | 402 | 6 | 6 | 13 | 3 | 0 | 11.5M | FS |

## Northwest Area (PL 5)

New fires: 3
New large incidents: 0
Uncontained large fires: 30
Area Command Teams committed: 1
Type 1 IMTs committed: 4
Type 2 IMTs committed: 7
Area Command (Team 3) has been mobilized to support the Northwest Multi-Agency Coordinating Group.
Twenty-five Mile, Okanogan-Wenatchee NF, USFS. IMT 1 (SW Team 1). Twelve miles northwest of Chelan, WA. Short grass, brush and timber. Active fire behavior with flanking, torching and group torching. Numerous structures and communication infrastructure threatened. Area, road and trail closures in effect.

Devil's Knob Complex (3 fires), Umpqua NF, USFS. IMT 1 (Florida Forest Service Red Team). Twenty miles northeast of Azalea, OR. Timber and medium slash. Active fire behavior with uphill runs, short crown runs and group torching. Community of Ash Valley and structures threatened. Area, road and trail closures in effect.

Schneider Springs, Okanogan-Wenatchee NF, USFS. IMT 1 (PNW Team 2). Eighteen miles northwest of Naches, WA. Short grass, timber and brush. Active fire behavior with flanking, backing and isolated torching. Several communities, numerous structures and communication infrastructure threatened. Evacuations, area, road and trail closures in effect.

Middle Fork Complex (2 fires), Willamette NF, USFS. IMT 2 (NW Team 13). Nine miles northeast of Oakridge, OR. Timber and closed timber litter. Active fire behavior with flanking, backing and torching. Communities of Oakridge and Westfir and numerous structures threatened. Evacuations, area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

Rough Patch Complex (4 fires), Umpqua NF, USFS. IMT 1 (NR Team 1). IMT is also managing the Jack incident. Eighteen miles southwest of Oakridge, OR. Closed timber litter and timber. Active fire behavior with uphill runs, group torching and backing. Area, road and trail closures in effect.

Jack, Umpqua NF, USFS. Thirty-one miles east of Roseburg, OR. Closed timber litter and timber. Moderate fire behavior with isolated torching, backing and flanking. Area, road and trail closures in effect.

Chickadee Creek, Northeast Region, DNR. IMT 2 (NW Team 12). IMT is also managing the Walker Creek incident. Sixteen miles northwest of Tonasket, WA. Timber and light slash. Moderate fire behavior with flanking, creeping and isolated torching. Precipitation occurred over the fire area yesterday.

Walker Creek, Northeast Region, DNR. Four miles northwest of Wauconda, WA. Timber and closed timber litter. Moderate fire behavior with backing, creeping and isolated torching. Several communities and infrastructure threatened. Evacuations, area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

Summit Trail, Colville Agency, BIA. IMT 2 (NW Team 7). IMT is also managing the Mack Mountain and Bulldog Mountain incidents. Seventeen miles west of Inchelium, WA. Timber and light slash. Moderate fire behavior with flanking, backing and isolated torching. Communication infrastructure threatened. Area and road closures in effect. Precipitation occurred over the fire area yesterday.

Mack Mountain, Colville NF, USFS. Fifteen miles north of Kettle Falls, WA. Brush, closed timber litter and timber. Minimal fire behavior with creeping and smoldering. Area and road closures in effect. Precipitation occurred over the fire area yesterday.

Bulldog Mountain, Colville NF, USFS. Sixteen miles northwest of Kettle Falls, WA. Brush, closed timber litter and timber. Moderate fire behavior with creeping, isolated torching and smoldering. Area and road closures in effect. Precipitation occurred over the fire area yesterday.

Ford Corkscrew, Northeast Region, DNR. Transfer of command from IMT 2 (SW Team 5) to the local unit will occur tomorrow. Eleven miles south of Springdale, WA. Timber and closed timber litter. Minimal fire behavior with flanking, backing and creeping. Numerous structures threatened. Evacuations and road closures in effect. Precipitation occurred over the fire area yesterday.

Muckamuck, Colville NF, USFS. IMT 2 (NW Team 9). IMT is also managing the Cedar Creek, Cub Creek 2 and Delancy incidents. Four miles northwest of Conconully, WA. Brush, closed timber litter and timber. Moderate fire behavior with backing, short-range spotting and smoldering. Numerous structures threatened. Evacuations, area, road and trail closures in effect.

Cedar Creek, Okanogan-Wenatchee NF, USFS. Fifteen miles northwest of Winthrop, WA. Brush, closed timber litter and timber. Moderate fire behavior with backing, short-range spotting and smoldering. Area, road and trail closures in effect.

Cub Creek 2, Southeast Region, DNR. Five miles north of Winthrop, WA. Brush, closed timber litter and timber. Moderate fire behavior with backing, short-range spotting and smoldering. Several communities and infrastructure threatened. Area, road and trail closures in effect.

Delancy, Okanogan-Wenatchee NF, USFS. Fifteen miles northwest of Winthrop, WA. Brush, closed timber litter and timber. Minimal fire behavior with smoldering. Area, road and trail closures in effect.

Bull Complex, Mt. Hood NF, USFS. IMT 2 (GB Team 4). Twenty-five miles northeast of Mill City, OR. Timber and closed timber litter. Moderate fire behavior with backing, torching and short-range spotting. Area, road and trail closures in effect.

Green Ridge, Umatilla NF, USFS. IMT 2 (NW Team 8). Thirty miles east of Walla Walla, WA. Short grass, timber and medium slash. Minimal fire behavior with backing, creeping and smoldering. Numerous structures threatened. Area, road and trail closures in effect.

Fox Complex (2 fires), Fremont-Winema NF, USFS. Fourteen miles west of Lakeview, OR. Timber, short grass and brush. Minimal fire behavior with smoldering and single tree torching. Infrastructure threatened.

Black Butte, Malheur NF, USFS. Thirty-six miles southeast of John Day, OR. Timber and light slash. Minimal fire behavior with smoldering and creeping. Area, road and trail closures in effect.

Skyline Ridge Complex (3 fires), South Unit, ODF. Five miles southeast of Days Creek, OR. Timber, heavy and light slash. Minimal fire behavior with creeping, backing and smoldering.

| Incident Name | Unit | Size |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc <br> Lost | $\begin{gathered} \text { \$\$ } \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Twenty-five Mile | WA-OWF | 11,167 | 51 | 31 | Ctn | 10/30 | 516 | -32 | 11 | 36 | 8 | 13 | 10.5M | FS |
| Devils Knob Complex | OR-UPF | 30,136 | 1,985 | 25 | Ctn | 10/15 | 739 | -5 | 20 | 37 | 5 | 1 | 20.9M | FS |
| Schneider Springs | WA-OWF | 75,055 | 1,652 | 8 | Ctn | 10/1 | 695 | 25 | 14 | 53 | 6 | 0 | 15.6M | FS |
| Middle Fork Complex | OR-WIF | 17,842 | 339 | 10 | Ctn | 10/15 | 632 | -2 | 11 | 22 | 5 | 0 | 23.4M | FS |
| Rough Patch Complex | OR-UPF | 28,493 | 1,350 | 11 | Ctn | 10/31 | 325 | 0 | 8 | 15 | 6 | 0 | 12.8M | FS |
| Jack | OR-UPF | 23,853 | 22 | 53 | Ctn | 10/31 | 283 | 0 | 8 | 12 | 3 | 0 | 39.5M | FS |
| Chickadee Creek | WA-NES | 5,199 | 0 | 15 | Ctn | 10/15 | 241 | 19 | 7 | 15 | 0 | 0 | 4.5M | FS |
| Walker Creek | WA-NES | 23,412 | 0 | 20 | Ctn | 11/15 | 440 | -159 | 6 | 42 | 4 | 6 | 16.5M | ST |
| Summit Trail | WA-COA | 45,666 | 85 | 48 | Ctn | 10/31 | 469 | -54 | 11 | 22 | 3 | 0 | 33.5M | BIA |
| Mack Mountain | WA-COF | 1,233 | 0 | 25 | Ctn | 10/1 | 46 | 1 | 1 | 2 | 0 | 0 | 231K | FS |
| Bulldog Mountain | WA-COF | 5,176 | 3 | 45 | Ctn | 10/1 | 222 | -8 | 4 | 7 | 1 | 0 | 4.9M | FS |
| Ford Corkscrew | WA-NES | 15,782 | 14 | 74 | Ctn | 8/31 | 296 | -20 | 7 | 15 | 0 | 143 | 7.3M | ST |
| Muckamuck | WA-COF | 13,119 | 0 | 50 | Ctn | 10/15 | 223 | 4 | 7 | 17 | 0 | 0 | 10.1M | FS |
| Cedar Creek | WA-OWF | 55,187 | 0 | 80 | Ctn | 10/31 | 229 | 12 | 0 | 11 | 5 | 2 | 36.6M | FS |
| Cub Creek 2 | WA-SES | 70,186 | 0 | 70 | Ctn | 10/1 | 243 | 19 | 6 | 10 | 0 | 3 | 24.6M | ST |
| Delancy | WA-OWF | 223 | 0 | 95 | Ctn | 8/31 | 0 | 0 | 0 | 0 | 0 | 0 | 122 K | FS |
| Bull Complex | OR-MHF | 8,548 | 774 | 3 | Ctn | 10/30 | 534 | -20 | 11 | 18 | 5 | 0 | 9.1 M | FS |
| Green Ridge | OR-UMF | 39,546 | 0 | 35 | Ctn | 10/1 | 193 | 2 | 1 | 13 | 2 | 0 | 36.8M | FS |
| Fox Complex | OR-FWF | 9,754 | 0 | 95 | Ctn | UNK | 213 | -208 | 8 | 11 | 3 | 4 | 14.7M | FS |
| Black Butte | OR-MAF | 22,445 | 0 | 93 | Ctn | 9/5 | 135 | -42 | 3 | 3 | 0 | 0 | 14M | FS |
| Skyline Ridge Complex | OR-732S | 5,760 | 0 | 97 | Ctn | 8/30 | 68 | -18 | 2 | 8 | 0 | 0 | 22.2M | ST |
| Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pincer Creek | WA-MSF | 900 | --- | 0 | Comp | 10/1 | 4 | --- | 0 | 0 | 0 | 0 | 35K | FS |
| Moraine Lake | WA-NCP | 164 | --- | 10 | Comp | 10/1 | 2 | --- | 0 | 0 | 0 | 0 | 15K | NPS |
| Bear Creek | WA-NCP | 857 | --- | 6 | Comp | 10/1 | 7 | --- | 0 | 0 | 1 | 0 | 90K | NPS |
| Nason | WA-OWF | 297 | --- | 15 | Comp | 11/1 | 12 | --- | 1 | 0 | 0 | 0 | 150K | FS |

MSF - Mt. Baker-Snoqualmie NF, USFS NCP - North Cascades National Park, NPS

New large incidents: 0
Uncontained large fires: 4
Type 2 IMTs committed: 1
French, Central California District, BLM. IMT 2 (CA Team 12). Twenty-eight miles northeast of Bakersfield, CA. Timber and tall grass. Active fire behavior with group torching, long-range spotting and uphill runs. Several communities, numerous structures and infrastructure threatened. Evacuations, area, road and trail closures in effect.

South, San Bernardino Unit, Cal Fire. Eight miles northwest of San Bernardino, CA. Tall grass, chaparral and timber. Extreme fire behavior with uphill runs, short-range spotting and wind-driven runs. Communities of Lytle Creek and Devore and numerous structures threatened. Evacuations, area, road and trail closures in effect. Reduction in acreage due to more accurate mapping.

Walkers, Sequoia NF, USFS. Twenty-seven miles northeast of Porterville, CA. Brush and timber. Active fire behavior with running, flanking and backing. Structures threatened. Trail closures in effect.

Airola, Tuolumne-Calaveras Unit, Cal Fire. Two miles north of Columbia, CA. Chaparral, brush and tall grass. Minimal fire behavior with smoldering.

| 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 |  |  |  |
| French | CA-CND | 23,594 | 1,120 | 19 | Ctn | 9/7 | 1,310 | -66 | 35 | 76 | 15 | 33 | 16.5M | BLM |
| South | CA-BDU | 819 | -81 | 10 | Ctn | 9/5 | 438 | 0 | 13 | 32 | 5 | 18 | 575K | ST |
| Walkers | CA-SQF | 5,640 | 656 | 40 | Ctn | 10/2 | 137 | -16 | 5 | 0 | 4 | 0 | 1.9M | FS |
| Airola | CA-TCU | 700 | 0 | 50 | Ctn | 9/2 | 156 | -11 | 5 | 24 | 0 | 0 | 400K | ST |
| Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tiltill | CA-YNP | 1,990 | --- | 90 | Comp | 8/31 | 5 | --- | 0 | 1 | 0 | 0 | 630K | NPS |

YNP - Yosemite NP

## Northern Rockies Area (PL 3)

| New fires: | 5 |
| :--- | :---: |
| New large incidents: | 0 |
| Uncontained large fires: | 22 |
| Type 2 IMTs committed: | 2 |

Character Complex, Idaho Panhandle NF, USFS. Three miles north of Kellogg, ID. Timber and brush. Minimal fire behavior with backing, creeping and smoldering. Communities of Murray and Eagle threatened. Area, road and trail closures in effect. Precipitation occurred over the fire area yesterday. Reduction in acreage due to more accurate mapping.

Alder Creek, Beaverhead-Deerlodge NF, USFS. IMT 2 (NR Team 5). IMT is also managing the Trail Creek and Christensen incidents. Twenty miles northwest of Wisdom, MT. Timber and brush. Moderate fire behavior with torching, smoldering and creeping. Area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

Trail Creek, Beaverhead-Deerlodge NF, USFS. Twenty miles west of Wisdom, MT. Timber and brush. Moderate fire behavior with torching, smoldering and creeping. Area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

Christensen, Beaverhead-Deerlodge NF, USFS. Ten miles northeast of Wisdom, MT. Timber and brush. Moderate fire behavior with torching, smoldering and creeping. Area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

American Fork, Helena-Lewis and Clark NF, USFS. Twenty-four miles southwest of Harlowton, MT. Short grass, timber and brush. Minimal fire behavior. Area and trail closures in effect.

Burnt Peak, Kootenai NF, USFS. IMT 2 (NR Team 7). IMT is also managing the South Yaak incident. Nine miles southwest of Troy, MT. Timber and light slash. Minimal fire behavior with smoldering and creeping. Area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

South Yaak, Kootenai NF, USFS. Four miles northwest of Troy, MT. Timber and light slash. Minimal fire behavior with smoldering and creeping. Area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

Stateline Complex (7 fires), Idaho Panhandle NF, USFS. Twenty-two miles southwest of Superior, MT. Closed timber litter, timber and light slash. Minimal fire behavior with creeping and smoldering. Area, road and trail closures in effect.

Cougar Rock Complex (3 fires), Clearwater Potlach Timber Protective Association, IDL. Seventeen miles northeast of Elk River, ID. Light slash and timber. Minimal fire behavior with creeping and smoldering.

Granite Pass Complex (3 fires), Lolo NF, USFS. Thirty miles southwest of Missoula, MT. Timber, closed timber litter and brush. Minimal fire behavior with smoldering. Community of Lolo Hot Springs, structures and communication infrastructure threatened. Area, road and trail closures in effect.

West Lolo Complex, Lolo NF, USFS. Six miles north of St. Regis, MT. Timber. Minimal fire behavior with smoldering. Area, road and trail closures in effect.

Harris Mountain, Cascade County. Seven miles southeast of Cascade, MT. Closed timber litter and timber. Minimal fire behavior. Structures threatened.

Boulder 2700, Flathead Agency, BIA. Three miles northeast of Finley Point, MT. Closed timber litter and timber. Minimal fire behavior with smoldering and backing. Numerous residences threatened. Area and trail closures in effect.

Pine Grove, Fort Belknap Agency, BIA. Three miles northeast of Hays, MT. Timber and short grass. Minimal fire behavior.

Black Mountain, Beaverhead-Deerlodge NF, USFS. Twenty miles east of Salmon, ID. Timber, heavy slash and brush. Minimal fire behavior.

| Incident Name | Unit | Size |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc Lost | $\begin{gathered} \text { \$\$ } \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Character Complex | ID-IPF | 11,895 | -65 | 62 | Ctn | 11/1 | 289 | -14 | 6 | 15 | 4 | 0 | 23M | FS |
| Alder Creek | MT-BDF | 14,108 | 0 | 24 | Comp | 11/1 | 177 | -15 | 2 | 12 | 1 | 0 | 20.9M | FS |
| Trail Creek | MT-BDF | 39,305 | 62 | 58 | Comp | 11/1 | 227 | 27 | 4 | 11 | 3 | 0 | 16.3M | FS |
| Christensen | MT-BDF | 11,120 | 11 | 20 | Comp | 11/1 | 13 | -1 | 0 | 2 | 0 | 1 | 1M | FS |
| American Fork | MT-HLF | 21,892 | 0 | 68 | Ctn | 10/15 | 178 | -2 | 5 | 5 | 0 | 0 | 6.8M | FS |
| Burnt Peak | MT-KNF | 4,097 | 23 | 32 | Ctn | 9/30 | 154 | -26 | 0 | 2 | 1 | 0 | 26.8M | FS |
| South Yaak | MT-KNF | 12,371 | 0 | 68 | Ctn | 9/30 | 109 | -27 | 3 | 5 | 0 | 0 | 6.4M | FS |


| 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 |  |  |  |
| Stateline Complex | ID-IPF | 12,764 | 0 | 45 | Ctn | 10/31 | 130 | 16 | 2 | 5 | 2 | 0 | 17.5M | FS |
| Cougar Rock Complex | ID-CTS | 8,473 | 0 | 78 | Ctn | 9/15 | 54 | -116 | 0 | 7 | 0 | 0 | 24.2M | ST |
| Granite Pass Complex | MT-LNF | 5,910 | 0 | 25 | Ctn | 9/15 | 44 | -7 | 0 | 3 | 0 | 0 | 10.4M | FS |
| West Lolo Complex | MT-LNF | 39,053 | 0 | 80 | Ctn | 10/31 | 55 | 0 | 0 | 3 | 0 | 0 | 85K | FS |
| Harris Mountain | MT-LG02 | 31,603 | 0 | 91 | Ctn | 10/1 | 39 | 0 | 0 | 10 | 1 | 7 | 9.7M | CNTY |
| Boulder 2700 | MT-FHA | 2,230 | 0 | 65 | Ctn | 10/1 | 92 | -11 | 2 | 9 | 0 | 31 | 7.4M | BIA |
| Pine Grove | MT-FBA | 16,004 | 0 | 98 | Ctn | 9/25 | 53 | 0 | 1 | 6 | 1 | 11 | 2M | BIA |
| Black Mountain | MT-BDF | 1,041 | 0 | 90 | Ctn | 10/31 | 2 | 0 | 0 | 0 | 0 | 0 | 2.7M | FS |
| Twin | MT-NWS | 220 | 0 | 100 | Ctn | --- | 9 | -24 | 0 | 1 | 0 | 0 | 250 K | PRI |
| Toetly 3 | ID-CDT | 584 | 0 | 100 | Ctn | --- | 15 | 0 | 0 | 3 | 0 | 5 | 1.9M | PRI |
| Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Woods Creek | MT-HLF | 55,411 | 0 | 74 | Comp | 10/31 | 416 | -17 | 6 | 19 | 8 | 1 | 16.2M | FS |
| Divide Complex | MT-HLF | 9,804 | 0 | 78 | Comp | 10/29 | 48 | -3 | 1 | 1 | 2 | 0 | 20.4M | FS |
| Trestle Creek Complex | ID-IPF | 6,674 | 50 | 40 | Comp | 10/15 | 411 | -2 | 12 | 13 | 3 | 0 | 8.4M | FS |
| Dixie | ID-NCF | 43,430 | 0 | 63 | Comp | 10/30 | 138 | 0 | 1 | 9 | 0 | 0 | 26M | FS |
| Storm Theatre Complex | ID-NCF | 22,319 | --- | 10 | Comp | 10/15 | 28 | --- | 0 | 3 | 0 | 0 | 4.8M | FS |
| Crooks | MT-FHA | 2,906 | 0 | 0 | Comp | 9/30 | 168 | 0 | 4 | 13 | 2 | 0 | 3.1 M | BIA |
| Swanson Creek | ID-NCF | 650 | --- | 0 | Comp | 10/10 | 4 | --- | 0 | 1 | 0 | 0 | 300 K | FS |
| Hay Creek | MT-FNF | 2,894 | 0 | 65 | Comp | 9/30 | 14 | 0 | 0 | 2 | 0 | 0 | 9.7M | FS |
| Robertson Draw | MT-CGF | 29,885 | 0 | 95 | Comp | 10/1 | 9 | 0 | 0 | 2 | 0 | 30 | 14.5M | FS |
| Lynx | ID-NCF | 4,915 | --- | 0 | Comp | 10/30 | 0 | --- | 0 | 0 | 0 | 0 | 205K | FS |
| Dry Cabin | MT-LNF | 3,460 | --- | 0 | Comp | 10/10 | 6 | --- | 0 | 0 | 0 | 0 | 260K | FS |
| Jumbo | ID-NCF | 2,750 | --- | 46 | Comp | 10/30 | 0 | --- | 0 | 0 | 0 | 0 | 110K | FS |
| Goose | MT-BDF | 7,522 | --- | 90 | Comp | 10/13 | 23 | --- | 0 | 2 | 0 | 1 | 8.8M | FS |
| Army Mule | ID-NCF | 3,845 | --- | 0 | Comp | 10/31 | 1 | --- | 0 | 0 | 0 | 0 | 4K | FS |
| Greenside Butte | ID-NCF | 725 | --- | 0 | Comp | 10/31 | 0 | --- | 0 | 0 | 0 | 0 | 11K | FS |
| Larkins Complex | ID-IPF | 4,526 | --- | 60 | Comp | 11/1 | 1 | --- | 0 | 0 | 0 | 0 | 23K | FS |
| Porphyry | ID-NCF | 170 | --- | 0 | Comp | 10/31 | 1 | --- | 0 | 0 | 0 | 0 | NR | FS |
| Crooked Creek | MT-BID | 4,141 | 0 | 90 | Comp | 8/30 | 1 | 0 | 0 | 0 | 0 | 1 | 5.4M | BLM |

NWS - Northwestern Land Office, DNR CDT - Coeur d'Alene Tribe, BIA NCF - Nez Perce-Clearwater, USFS
FNF - Flathead NF, USFS CGF - Custer Gallatin NF, USFS BID - Billings Field Office, BLM

## Eastern Area (PL 4)

| New fires: | 0 |
| :--- | :--- |
| New large incidents: | 0 |
| Uncontained large fires: | 2 |
| Type 2 IMTs committed: | 1 |

Greenwood, Superior NF, USFS. IMT 2 (EA Gold Team). Ten miles southwest of Isabella, MN. Brush, closed timber litter and timber. Moderate fire behavior with creeping, isolated torching and backing. Numerous residences and infrastructure threatened. Evacuations, area, road and trail closures in effect. Precipitation occurred over the fire area yesterday.

John Ek, Superior NF, USFS. Twenty-five miles northwest of Lutsen, MN. Timber and brush. Moderate fire behavior with creeping, torching and smoldering.

| 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 |  |  |  |
| Greenwood | MN-SUF | 25,991 | 0 | 0 | Ctn | 9/10 | 529 | 48 | 9 | 46 | 4 | 71 | 9.6M | FS |
| John Ek | MN-SUF | 1,563 | 0 | 0 | Ctn | 9/30 | 60 | 12 | 1 | 0 | 0 | 0 | 370K | FS |

## Great Basin (PL 2)

New fires:
26
New large incidents: 0
Uncontained large fires:

| Incident Name | Unit | Size |  | \% | Ctn/ <br> 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Southern Bench | NV-NTE | 800 | 600 | 0 | Comp | 10/1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 K | DOE |
| Boundary | ID-SCF | 1,038 | 49 | 60 | Comp | 9/19 | 78 | 13 | 1 | 2 | 1 | 0 | 1.3 M | FS |
| Mud Lick | ID-SCF | 20,856 | --- | 68 | Comp | 9/19 | 5 | --- | 0 | 0 | 0 | 0 | 24.2M | FS |
| Tamarack | NV-HTF | 68,637 | --- | 82 | Comp | 8/31 | 28 | --- | 0 | 2 | 2 | 25 | 34M | FS |
| Rush Creek | ID-PAF | 4,611 | --- | 31 | Comp | 10/15 | 7 | --- | 0 | 0 | 0 | 0 | 250K | FS |
| Scarface | ID-SCF | 520 | --- | 55 | Comp | 9/1 | 2 | --- | 0 | 0 | 1 | 0 | 330K | FS |
| Vinegar | ID-PAF | 2,997 | --- | 30 | Comp | 10/15 | 0 | --- | 0 | 0 | 0 | 0 | 250K | FS |
| Club | ID-PAF | 375 | --- | 0 | Comp | 10/15 | 0 | --- | 0 | 0 | 0 | 0 | 250K | FS |

NTE - Nevada National Security Site, DOE SCF - Salmon-Challis NF, USFS HTF - Humboldt-Toiyabe NF, USFS
PAF - Payette NF, USFS

## Rocky Mountain Area (PL 2)

New fires:
New large incidents: 0
Uncontained large fires:
Crater Ridge, Bighorn NF, USFS. Thirty-one miles west of Sheridan, WY. Timber, heavy slash and short grass. Minimal fire behavior with smoldering. Area, road and trail closures in effect.

| Incident Name | Unit | Size |  | \% | Ctn/ <br> Comp | Est | Personnel |  | Resources |  |  | Strc <br> Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Crater Ridge | WY-BHF | 6,232 | 0 | 38 | Ctn | 10/9 | 164 | -35 | 2 | 6 | 3 | 1 | 11.6M | FS |
| Little Sleep | SD-PRA | 447 | 0 | 100 | Ctn | --- | 0 | -8 | 0 | 2 | 0 | 0 | 250K | BIA |

Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned

| Morgan Creek | WY-MRF | 7,509 | --- | 24 | Comp | $9 / 1$ | 30 | --- | 0 | 4 | 1 | 0 | 11.8 M | FS |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Muddy Slide | WY-MRF | 4,093 | --- | 80 | Comp | $8 / 31$ | 3 | --- | 0 | 0 | 0 | 18 | 13.1 M | FS |
| Sylvan | CO-WRF | 3,792 | 0 | 90 | Comp | $9 / 10$ | 0 | 0 | 0 | 0 | 0 | 0 | $7.3 M$ | FS |

PRA - Pine Ridge Agency, BIA MRF - Medicine Bow-Routt NF, USFS WRF - White River NF, USFS

Fires and Acres Yesterday (by Protection):

| Area |  | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alaska Area | FIRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Northwest Area | FIRES | 0 | 0 | 0 | 0 | 1 | 2 | $\mathbf{3}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 3 | $\mathbf{3}$ |
| Northern California Area | FIRES | 0 | 0 | 0 | 0 | 15 | 4 | $\mathbf{1 9}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 10 | 9,942 | $\mathbf{9 , 9 5 2}$ |
| Southern California Area | FIRES | 0 | 0 | 0 | 0 | 16 | 2 | $\mathbf{1 8}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Northern Rockies Area | FIRES | 0 | 0 | 0 | 0 | 1 | 4 | $\mathbf{5}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Great Basin Area | FIRES | 0 | 15 | 0 | 0 | 5 | 6 | $\mathbf{2 6}$ |
|  | ACRES | 0 | 82 | 0 | 0 | 600 | 69 | $\mathbf{7 5 1}$ |
| Rocky Mountain Area | FIRES | 3 | 1 | 0 | 0 | 1 | 3 | $\mathbf{8}$ |
|  | ACRES | 2 | 0 | 0 | 0 | 0 | 1 | $\mathbf{4}$ |
| Southern Area | ACRES | 0 | 5 | 0 | 0 | 5 | 0 | $\mathbf{1 0}$ |
|  | FIRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| TOTAL ACRES: | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |

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

| Area |  | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alaska Area | FIRES | 0 | 112 | 0 | 0 | 238 | 18 | $\mathbf{3 6 8}$ |
|  | ACRES | 0 | 156,447 | 0 | 0 | 97,642 | 5 | $\mathbf{2 5 4 , 0 9 4}$ |
| Northwest Area | FIRES | 193 | 277 | 27 | 15 | 2,096 | 565 | $\mathbf{3 , 1 7 3}$ |
|  | ACRES | 147,938 | 6,024 | 13,202 | 1,041 | 166,990 | 601,904 | $\mathbf{9 3 7 , 0 9 8}$ |
| Northern California Area | FIRES | 61 | 34 | 5 | 23 | 2,605 | 483 | $\mathbf{3 , 2 1 1}$ |
|  | ACRES | 284 | 296 | 351 | 2 | 362,075 | 932,477 | $\mathbf{1 , 2 9 5 , 4 8 5}$ |
| Southern California Area | FIRES | 20 | 102 | 12 | 72 | 3,280 | 467 | $\mathbf{3 , 9 5 3}$ |
|  | ACRES | 1,374 | 6,749 | 199 | 7,638 | 19,446 | 34,105 | $\mathbf{6 9 , 5 1 1}$ |
| Northern Rockies Area | FIRES | 1,212 | 89 | 23 | 5 | 1,284 | 713 | $\mathbf{3 , 3 2 6}$ |
|  | ACRES | 102,058 | 18,894 | 2,753 | 51 | 426,928 | 274,836 | $\mathbf{8 2 5 , 5 2 0}$ |
| Great Basin Area | FIRES | 47 | 697 | 52 | 29 | 760 | 499 | $\mathbf{2 , 0 8 4}$ |
|  | ACRES | 3,325 | 77,949 | 10 | 2,191 | 70,676 | 91,223 | $\mathbf{2 4 5 , 3 7 3}$ |
| Southwest Area | FIRES | 496 | 192 | 9 | 32 | 345 | 912 | $\mathbf{1 , 9 8 6}$ |
|  | ACRES | 26,179 | 83,878 | 1,528 | 3,363 | 33,286 | 490,744 | $\mathbf{6 3 8 , 9 7 8}$ |
| Rocky Mountain Area | FIRES | 569 | 374 | 6 | 23 | 625 | 305 | $\mathbf{1 , 9 0 2}$ |
|  | ACRES | 9,993 | 25,155 | 1,260 | 1,118 | 108,870 | 26,047 | $\mathbf{1 7 2 , 4 4 3}$ |
| Eastern Area | FIRES | 562 | 0 | 51 | 31 | 7,372 | 456 | $\mathbf{8 , 4 7 2}$ |
|  | ACRES | 12,729 | 0 | 14,381 | 862 | 34,793 | 43,792 | $\mathbf{1 0 6 , 5 5 7}$ |
| TOTAL FIRES: | FIRES | 385 | 0 | 56 | 43 | 12,961 | 381 | $\mathbf{1 3 , 8 2 6}$ |
| TOTAL ACRES: | ACRES | 28,690 | 0 | 11,845 | 8,498 | 264,875 | 27,454 | $\mathbf{3 4 1 , 3 6 1}$ |
|  |  | $\mathbf{3 , 5 4 5}$ | $\mathbf{1 , 8 7 7}$ | $\mathbf{2 4 1}$ | $\mathbf{2 7 3}$ | $\mathbf{3 1 , 5 6 6}$ | $\mathbf{4 , 7 9 9}$ | $\mathbf{4 2 , 3 0 1}$ |
| $\mathbf{3 3 2 , 5 6 9}$ | $\mathbf{3 7 5 , 3 9 2}$ | $\mathbf{4 5 , 5 2 9}$ | $\mathbf{2 4 , 7 6 3}$ | $\mathbf{1 , 5 8 5 , 5 8 0}$ | $\mathbf{2 , 5 2 2 , 5 8 6}$ | $\mathbf{4 , 8 8 6 , 4 1 9}$ |  |  |


| Ten Year Average Fires (2011 - 2020 as of today) | 41,323 |
| :--- | :---: |
| Ten Year Average Acres (2011-2020 as of today) | $5,407,426$ |

***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- <br> DATE |
| :--- | :---: | :---: | :---: | :---: |
| BRITISH COLUMBIA | 0 | 2,936 | 1,573 | 864,549 |
| YUKON TERRITORY | 0 | 0 | 112 | 103,134 |
| ALBERTA | 1 | 0 | 1,127 | 55,276 |
| NORTHWEST TERRITORY | 0 | 0 | 138 | 138,903 |
| SASKATCHEWAN | 4 | 36 | 575 | 856,345 |
| MANITOBA | 0 | 0 | 441 | $1,254,528$ |
| ONTARIO | 5 | 6,161 | 1,168 | 771,624 |
| QUEBEC | 6 | 1 | 552 | 57,222 |
| NEWFOUNDLAND | 0 | 0 | 79 | 322 |
| NEW BRUNSWICK | 1 | 1 | 168 | 380 |
| NOVA SCOTIA | 0 | 0 | 112 | 197 |
| PRINCE EDWARD ISLAND | 0 | 0 | 1 | 0 |
| NATIONAL PARKS | 0 | 0 | 49 | 36,264 |
| TOTALS | 17 | 9,135 | 6,110 | $4,138,745$ |

*1 Hectare $=2.47$ Acres
Predictive Services Discussion: Weak ridging aloft is forecast over the Northwest into the Northern Rockies as an upper-level trough exits the region and into the northern Plains and Great Lakes. A cold front will slide south and east across the central Plains into the Midwest and western Great Lakes with a stalled, weakening front draped west-to-east through central Nevada and northern Utah. Gusty northeast offshore over southwest Oregon and northern California will weaken today. Dry and breezy conditions are likely in portions of southern Wyoming, western and northern Colorado, and across portions of inland southern California. Poor overnight RH recovery will continue for much of non-coastal California and the Great Basin. Strong to severe thunderstorms are forecast in the Upper Midwest to western Great Lakes and stretching west into the central Plains. Much of Minnesota including the drought-stricken northeast will see wetting rain. Isolated monsoonal thunderstorms are likely over the higher terrain in New Mexico, Arizona, and southern/central Colorado. Hurricane Ida may begin impacting the northern Gulf Coast tonight with gusty winds and bands of thunderstorms.

## http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm



Attempting A Frontal Assault On A Fire<br>Operational Engagement Category

Attempting a frontal assault on a fire is Watch Out Situation \#10. It is a potentially dangerous tactic.

If your tactics include a frontal assault, adequately address the following before engaging the fire:

- Has the fire been scouted and sized up? Who will scout and size up a fire and what are they looking for?
- Is your position defensible? List what makes a firefighter's position defensible (anchor points, safety zones, escape routes, etc.).
- Are escape routes and safety zones adequate? Review what constitutes an adequate safety zone and escape route.
- Do you have an anchor point? How would you establish an anchor point for a frontal assault on a fire?
- Do you have adequate resources to complete the assault? Discuss things you need to consider. For example, if the frontal assault fails, do you have backup?
- Are you informed on strategy, tactics, and hazards? Consider what could happen if someone has implemented a different approach; for example, the Incident Commander (IC) has a burnout operation planned while you are attempting frontal assault.
- Is the terrain favorable to holding the fire? Discuss ways the terrain will influence where you will make a stand.
- Are you relying on aircraft to support the operation? Any operation, especially frontal assault, should not need air resources to be completed safely.

To reduce the risks, reassess your tactics, post lookouts, and identify situations in which firefighters may be enticed to attempt frontal assault on a fire. Review why this may or may not be a good idea.

Resources:
10 Standard Firefighting Orders, PMS 110
18 Watch Out Situations, PMS 118
10 and 18 Poster, PMS 110-18
Incident Response Pocket Guide (IRPG), PMS 461
Interagency Standards for Fire and Fire Aviation Operations (Red Book)

