# National Interagency Coordination Center <br> Incident Management Situation Report <br> Monday, September 11, 2017 - 0530 MT <br> National Preparedness Level 5 

National Fire Activity
Initial attack activity:
New large incidents:
Large fires contained:
Uncontained large fires:**
Light (95) new fires
5 39

Area Command Teams Committed: 2
NIMOs committed: 4
Type 1 IMTs committed: 15
Type 2 IMTs committed:
22
**Uncontained large fires include only fires being managed under a full suppression strategy.
Link to Geographic Area daily reports.

Two hundred and forty-five soldiers from the $23^{\text {rd }}$ Brigade Engineer Battalion and 1-23 Infantry Battalion based out of Fort Lewis, Washington are deployed in support of the Umpqua North Complex.

Two MAFFS C-130 airtankers and support personnel from the $302^{\text {nd }}$ Airlift Wing (Colorado Springs, Air Force Reserve) and one MAFFS C-130 airtanker and support personnel from the $146{ }^{\text {th }}$ Airlift Wing, (California Air National Guard) have been deployed to Fresno, CA in support of wildland fire operations.

One RC-26 aircraft and support personnel from the $141^{\text {st }}$ Aerial Refueling Wing (Washington Air National Guard) has been deployed to Fairchild AFB (Spokane, WA) in support of wildland fire operations.

One RC-26 aircraft and support personnel from the $162^{\text {nd }}$ Fighter Wing (Arizona Air National Guard) has been deployed to Redding Municipal Airport (Redding, CA) in support of wildland fire operations.

Two CL-415 scooper groups from Ontario, Canada are supporting fire suppression efforts in the Northern Rockies Area.

| Active Incident Resource Summary |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GACC | Fires | Cumulative <br> Acres | Crews | Engines | Helicopters | Total <br> Personnel |
| AICC | 0 | 0 | 0 | 0 | 0 | 0 |
| NWCC | 34 | 685,266 | 223 | 523 | 75 | 9,762 |
| ONCC | 11 | 231,863 | 79 | 198 | 30 | 3,900 |
| OSCC | 12 | 80,580 | 85 | 249 | 18 | 3,946 |
| NRCC | 47 | 773,625 | 71 | 325 | 46 | 4,971 |
| GBCC | 17 | 268,646 | 17 | 49 | 16 | 902 |
| SWCC | 1 | 198 | 0 | 0 | 1 | 8 |
| RMCC | 7 | 15,167 | 13 | 49 | 4 | 601 |
| EACC | 0 | 0 | 0 | 0 | 0 | 0 |
| SACC | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 129 | $\mathbf{2 , 0 5 5 , 3 4 6}$ | $\mathbf{4 8 8}$ | $\mathbf{1 , 3 9 3}$ | $\mathbf{1 9 0}$ | $\mathbf{2 4 , 0 9 0}$ |

## Northern Rockies Area (PL 5)

| New fires: | 13 |
| :--- | :---: |
| New large incidents: | 0 |
| Uncontained large fires: | 9 |
| Area Command teams committed: | 1 |
| Type 1 IMTs committed: | 4 |
| Type 2 IMTs committed: | 5 |

Area Command Team (Stutler) is managing large fires in western Montana.
Rice Ridge, Lolo NF. IMT 1 (Poncin). IMT is also managing the Liberty fire. Six miles north of Seeley Lake, MT. Timber. Active fire behavior with smoldering, flanking and running. Structures threatened. Evacuations, road, trail and area closures in effect.

Liberty, Flathead Agency, BIA. Seventeen miles southeast of Arlee, MT. Timber. Active fire behavior with running, short-range spotting and flanking. Road, trail and area closures in effect.

Alice Creek, Helena - Lewis and Clark NF. IMT 1 (Martin). Fifteen miles northeast of Lincoln, MT. Timber and short grass. Active fire behavior with backing, torching and flanking. Residences threatened. Evacuations, road, trail and area closures in effect.

West Fork, Kootenai NF. IMT 2 (Esperance). IMT is also managing the Moose Peak fire. Seven miles northwest of Libby, MT. Timber. Active fire behavior with long-range spotting, short crown runs and torching. Structures threatened. Evacuations, road, trail and area closures in effect.

Moose Peak, Kootenai NF. Thirteen miles east of Trout Creek, MT. Timber. Active fire behavior with short crown runs, torching and spotting. Structures threatened. Evacuations, road, and area closures in effect.

Caribou, Kootenai NF. IMT 2 (Pearson). IMT is also managing the Gibralter Ridge fire. Twenty-one miles northwest of Eureka, MT. Timber. Active fire behavior with torching and backing. Structures threatened. Road, trail and area closures in effect.

Gibralter Ridge, Kootenai NF. Seven miles east of Eureka, MT. Timber and grass. Active fire behavior with short-range spotting and running. Residences threatened. Road, trail and area closures in effect.

Highway 200 Complex, (5 fires), Lolo NF. IMT 2 (Connell). Nine miles northwest of Plains, MT. Timber. Active fire behavior with torching and spotting. Residences threatened. Road and area closures in effect.

Sprague, Glacier National Park. IMT 2 (Hutton). IMT is also managing the Adair Peak fire. Nine miles northeast of West Glacier, MT. Timber. Moderate fire behavior with torching and spotting. Structures threatened. Road, trail and area closures in effect.

Adair Peak, Glacier National Park. Eighteen miles north of West Glacier, MT. Timber. Active fire behavior with group torching, running and spotting. Structures threatened. Road, trail and area closures in effect.

Lolo Peak, Lolo NF. IMT 1 (Turman). Ten miles southwest of Lolo, MT. Timber. Active fire behavior with isolated torching, short-range spotting and backing. Structures threatened. Road, trail and area closures in effect.

Meyers, Beaverhead - Deerlodge NF. IMT 1 (Dueitt). IMT is also managing the Sapphire Complex. Twenty-five miles southwest of Philipsburg, MT. Timber. Moderate fire behavior with smoldering, creeping and isolated torching. Structures threatened. Evacuations, road, trail and area closures in effect. Precipitation occurred over the fire area yesterday.

Sapphire Complex, (3 fires), Lolo NF. Fifteen miles southeast of Clinton, MT. Timber. Moderate fire behavior with creeping, smoldering and backing. Structures threatened. Evacuations, road, trail and area closures in effect.

Coolwater Complex, (2 fires), Nez Perce - Clearwater NF. IMT 2 (Goldman). Fifteen miles east of Kooskia, ID. Timber and short grass. Active fire behavior with backing, single tree torching and uphill runs. Structures threatened. Road, trail and area closures in effect.

East Fork, Rocky Boy's Agency, BIA. Ten miles east of Box Elder, MT. Timber and tall grass. Minimal fire behavior. Residences threatened. Road and area closures in effect. Reduction in acreage due to more accurate mapping.

Strychnine, Ponderosa Area Office, IDL. Five miles northeast of Harvard, ID. Timber. Minimal fire behavior with creeping, smoldering and backing. Road, trail and area closures in effect.

McCully, Northwestern Land Office, Montana DNR. Seventeen miles northeast of Thompson Falls, MT. Timber. Moderate fire behavior with creeping and smoldering. Road closures in effect.

Wolverine, Blackfeet Agency, BIA. Ten miles northeast of St. Mary, MT. Timber, brush, and short grass. Minimal fire behavior. Residences threatened.

Blue Bay, Flathead Agency, BIA. Ten miles northeast of Polson, MT. Timber. Minimal fire behavior. Road, trail and area closures in effect.

NeIson Creek, Bitterroot NF. Sixteen miles southwest of Conner, MT. Timber. Minimal fire behavior. Road and trail closures in effect.

Bobcat Pass, Billings Field Office, BLM. Fifty-one miles southwest of Billings, MT. Brush and short grass. Minimal fire behavior. Sage-grouse habitat threatened.

Strawberry, Flathead NF. Previously reported incident. Thirty miles southeast of Essex, MT. Timber. Active fire behavior with short crown runs, group torching and spotting. Structures threatened. Trail and area closures in effect. Last 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 |  |  |  |
| Rice Ridge | MT-LNF | 132,732 | 7,440 | 8 | Comp | 10/15 | 891 | 29 | 10 | 58 | 4 | 0 | 37.4M | FS |
| Liberty | MT-FHA | 26,086 | 935 | 17 | Comp | 10/15 | 263 | -7 | 8 | 12 | 1 | 1 | 18M | BIA |
| Alice Creek | MT-HLF | 27,231 | 3,103 | 0 | Comp | 10/2 | 230 | 0 | 1 | 21 | 3 | 4 | 9.3M | FS |
| West Fork | MT-KNF | 9,923 | 0 | 0 | Comp | 10/7 | 235 | 5 | 3 | 5 | 0 | 0 | 2.7M | FS |
| Moose Peak | MT-KNF | 7,549 | 726 | 0 | Comp | 10/30 | 26 | 5 | 0 | 1 | 1 | 0 | 390K | FS |
| Caribou | MT-KNF | 19,198 | 511 | 25 | Comp | 10/30 | 385 | 128 | 9 | 9 | 3 | 40 | 5.7 M | FS |
| Gibralter Ridge | MT-KNF | 8,115 | 115 | 27 | Comp | 10/31 | 62 | -3 | 1 | 7 | 2 | 0 | 9M | FS |
| Highway 200 Complex | MT-LNF | 21,383 | 765 | 18 | Comp | 10/15 | 295 | 38 | 4 | 13 | 9 | 0 | 3.8M | FS |
| Sprague | MT-GNP | 13,711 | 37 | 47 | Comp | 11/1 | 155 | -4 | 1 | 11 | 2 | 1 | 3.7M | NPS |
| Adair Peak | MT-GNP | 1,918 | 0 | 45 | Comp | 11/1 | 3 | -1 | 0 | 0 | 0 | 0 | 30K | NPS |
| Lolo Peak | MT-LNF | 51,001 | 525 | 46 | Comp | 10/1 | 574 | 0 | 10 | 24 | 5 | 10 | 42.1 M | FS |
| Meyers | MT-BDF | 60,291 | 0 | 8 | Ctn | 10/21 | 378 | -17 | 5 | 20 | 3 | 1 | 28.8M | FS |
| Sapphire Complex | MT-LNF | 43,652 | 46 | 59 | Comp | 10/31 | 196 | -42 | 1 | 21 | 1 | 7 | 34M | FS |


| Coolwater <br> Complex | ID-NCF | 2,254 | 420 | 3 | Comp | $10 / 23$ | 109 | 65 | 1 | 4 | 0 | 0 | 406 K | FS |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| East Fork | MT-RBA | 21,896 | -122 | 85 | Ctn | $9 / 17$ | 177 | 0 | 2 | 28 | 1 | 5 | 3.2 M | BIA |
| Strychnine | ID-PDS | 1,010 | 0 | 59 | Ctn | $9 / 13$ | 183 | -27 | 4 | 16 | 0 | 0 | $2.5 M$ | ST |
| McCully | MT-NWS | 637 | 0 | 75 | Ctn | $9 / 14$ | 84 | 2 | 0 | 12 | 0 | 0 | 980 K | ST |
| Wolverine | MT-BFA | 3,035 | 0 | 90 | Ctn | $9 / 27$ | 10 | 0 | 0 | 4 | 0 | 2 | 85 K | BIA |
| Blue Bay | MT-FHA | 490 | 0 | 80 | Ctn | $9 / 21$ | 68 | -4 | 2 | 3 | 1 | 0 | $2.3 M$ | BIA |
| Nelson Creek | MT-BRF | 280 | 0 | 70 | Ctn | $9 / 30$ | 8 | -1 | 0 | 2 | 0 | 0 | $1.2 M$ | FS |
| Bobcat Pass | MT-BID | 1,340 | 0 | 90 | Ctn | $9 / 11$ | 43 | -48 | 0 | 11 | 0 | 0 | $175 K$ | BLM |
| Strawberry | MT-FNF | 3,524 | 2,777 | 0 | Comp | $10 / 31$ | 36 | 32 | 1 | 3 | 0 | 0 | 40 K | FS |

## Northwest Area (PL 5)

| New fires: | 27 |
| :--- | :---: |
| New large incidents: | 3 |
| Uncontained large fires: | 16 |
| Area Command teams committed: | 1 |
| NIMOs Committed: | 1 |
| Type 1 IMTs committed: | 7 |
| Type 2 IMTs committed: | 9 |

Area Command Team (Muir) is managing the Chetco Bar fire, Miller Complex and High Cascades Complex.
Eagle Creek, Columbia River Gorge National Scenic Area. IMT 1 (Pierson). One mile south of Cascade Locks, OR. Timber. Moderate fire behavior with flanking, backing and isolated torching. Residences threatened. Road, trail and area closures in effect.

Chetco Bar, Rogue River - Siskiyou NF. IMT 1 (Lund) and IMT 2 (Gales). Sixteen miles west of Selma, OR. Timber and brush. Moderate fire behavior with creeping, backing, and isolated torching. Structures threatened. Road, trail and area closures in effect.

Jolly Mountain, Okanogan - Wenatchee NF. IMT 1 (Schulte). Thirteen miles northwest of Cle Elum, WA. Timber. Active fire behavior with backing, group torching and spotting. Structures threatened. Road, trail and area closures in effect.

Norse Peak, Okanogan - Wenatchee NF. IMT 2 (Arroyo). IMT is also managing the American fire. Eleven miles west of Cliffdell, WA. Timber. Minimal fire behavior with single tree torching, backing and creeping. Residences threatened. Road, trail and area closures in effect.

American, Okanogan - Wenatchee NF. Eleven miles west of Cliffdell, WA. Timber. Moderate fire behavior with backing, creeping and single tree torching. Residences threatened. Road, trail and area closures in effect.

Umpqua North Complex, (6 fires), Umpqua NF. IMT 1 (J. Kurth). Fifty miles east of Roseburg, OR. Timber, brush and grass. Active fire behavior with torching and backing. Structures threatened. Evacuations, road, trail and area closures in effect.

Horse Creek Complex, ( 5 fires), Willamette NF. IMT 1 (Day). IMT is also managing the Rebel fire. Seven miles south of Belknap Springs, OR. Timber. Moderate fire behavior with single tree torching, flanking and backing. Structures threatened. Evacuations, road, trail and area closures in effect.

Rebel, Willamette NF. Twenty-two miles north of Oakridge, OR. Timber. Moderate fire behavior with single tree torching, backing and flanking. Road, trail and area closures in effect.

High Cascades Complex, (4 fires), Rogue River - Siskiyou NF. IMT 2 (Sinclair). Transfer of command from IMT 2 (Knerr) to IMT 2 (Sheldon) will occur today. Nine miles northeast of Prospect, OR. Timber. Moderate fire behavior with isolated torching, creeping and smoldering. Structures threatened. Road, trail and area closures in effect.

Miller Complex, (4 fires), Rogue River - Siskiyou NF. Transfer of command from IMT 1 (Pechota) to IMT 2 (Goff) will occur today. Seventeen miles east of Cave Junction, OR. Timber. Moderate fire behavior with flanking and backing. Structures threatened. Road, trail and area closures in effect.

Whitewater, Willamette NF. IMT 2 (Johnson). IMT is also managing the Potato Hill fire. Ten miles east of Idanha, OR. Timber and brush. Moderate fire behavior with creeping smoldering. Structures threatened. Road, trail and area closures in effect.

Potato Hill, Willamette NF. Twenty miles northwest of Sisters, OR. Timber. Minimal fire behavior. Structures threatened.

Uno Peak, Okanogan-Wenatchee NF. IMT 2 (Ciraulo). Sixteen miles northwest of Manson, WA. Timber. Active fire behavior with group torching, flanking and backing. Structures threatened. Road, trail and area closures in effect.

Sawmill Creek, South Puget Sound Region, Washington DNR. IMT 2 (Wakoski). Twenty-five miles west of Cle Elum, WA. Timber. Minimal fire behavior. Road, trail and area closures in effect.

Horse Prairie, Central Unit, Oregon Department of Forestry. ODF IMT 1 (Hessel). Fifteen miles northwest of Canyonville, OR. Timber. Minimal fire behavior. Residences threatened. Road and area closures in effect.

Jones, Willamette NF. Ten miles northeast of Lowell, OR. Timber and grass. Moderate fire behavior with smoldering and backing. Structures threatened. Road, trail and area closures in effect.

Staley, Willamette NF. Twenty-three miles south of Oakridge, OR. Timber and brush. No new information received.

Bridge Creek, Colville Agency, BIA. Eleven miles northeast of Keller, WA. Timber and tall grass. Minimal fire behavior. Road, trail and area closures in effect.

Milli, Deschutes NF. Nine miles west of Sisters, OR. Timber. Active fire behavior with flanking and backing. Residences threatened. Road, trail and area closures in effect.

Falcon Complex, (2 fires), Umpqua NF. Twenty-five miles east of Tiller, OR. Timber, brush and grass. Minimal fire behavior. Structures threatened. Road closures in effect.

Diamond Creek, (3 fires), Okanogan - Wenatchee NF. Previously reported incident. NIMO (Houseman). Twenty-seven miles north of Winthrop, WA. Timber. Moderate fire behavior with backing and torching. Structures threatened. Road, trail and area closures in effect.

* Sheep Complex, Wallowa - Whitman NF. Twelve miles west of Riggins, ID. Timber and brush. Moderate fire behavior with isolated torching, smoldering and backing. Structures threatened. Trail closures in effect. Last report unless significant activity occurs.
* Hampton, Prineville District, BLM. Forty-eight miles southeast of Prineville, OR. Brush and tall grass. Minimal fire behavior.

[^0]| 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 |  |  |  |
| Eagle Creek | OR-CGF | 33,382 | 0 | 7 | Comp | 9/30 | 979 | 10 | 24 | 84 | 11 | 4 | 9.1M | FS |
| Chetco Bar | OR-RSF | 182,284 | 0 | 5 | Ctn | 10/15 | 1,534 | 113 | 43 | 46 | 7 | 30 | 42.6M | FS |
| Jolly Mountain | WA-OWF | 29,432 | 2,020 | 15 | Ctn | 10/15 | 821 | 7 | 18 | 69 | 5 | 0 | 17.4M | FS |
| Norse Peak | WA-OWF | 49,997 | -4,564 | 12 | Comp | 10/1 | 603 | 201 | 7 | 34 | 4 | 1 | 11M | FS |
| American | WA-OWF | 1,958 | 0 | 0 | Comp | 10/1 | 42 | 0 | 2 | 0 | 0 | 0 | 550K | FS |
| Umpqua North Complex | OR-UPF | 39,529 | 0 | 37 | Comp | 9/30 | 954 | -44 | 18 | 32 | 5 | 1 | 28.7M | FS |
| Horse Creek Complex | OR-WIF | 29,417 | 194 | 0 | Comp | 9/30 | 357 | 13 | 9 | 11 | 2 | 0 | 3.8M | FS |
| Rebel | OR-WIF | 8,019 | 235 | 19 | Comp | 9/30 | 33 | -22 | 0 | 4 | 0 | 0 | 5.4M | FS |
| High Cascades Complex | OR-RSF | 72,309 | 1,655 | 26 | Comp | 10/15 | 638 | -121 | 12 | 33 | 8 | 1 | 45.9M | FS |
| Miller Complex | OR-RSF | 34,266 | 140 | 40 | Comp | 9/30 | 596 | -8 | 15 | 34 | 6 | 0 | 19.4M | FS |
| Whitewater | OR-WIF | 13,140 | 0 | 33 | Comp | 10/31 | 292 | 4 | 3 | 7 | 2 | 0 | 30.7M | FS |
| Potato Hill | OR-WIF | 199 | 0 | 95 | Ctn | 9/11 | 10 | -1 | 0 | 2 | 0 | 0 | 388 K | FS |
| Uno Peak | WA-OWF | 7,236 | 0 | 1 | Comp | 10/15 | 273 | 0 | 5 | 11 | 5 | 1 | 3M | FS |
| Sawmill Creek | WA-SPS | 848 | 0 | 0 | Ctn | 11/1 | 256 | -104 | 7 | 13 | 1 | 0 | 1.3M | ST |
| Horse Prairie | OR-733S | 16,436 | 0 | 50 | Ctn | 9/15 | 776 | 0 | 28 | 13 | 8 | 2 | 15M | ST |
| Jones | OR-WIF | 8,857 | 321 | 48 | Ctn | 9/30 | 362 | 0 | 10 | 18 | 2 | 1 | 17.2M | FS |
| Staley | OR-WIF | 2,300 | --- | 81 | Ctn | 9/15 | 62 | --- | 1 | 6 | 0 | 0 | 8.5M | FS |
| Bridge Creek | WA-COA | 3,711 | 0 | 98 | Ctn | 9/20 | 100 | -117 | 2 | 8 | 0 | 0 | 16.2M | BIA |
| Milli | OR-DEF | 24,025 | 0 | 60 | Ctn | 10/1 | 30 | -29 | 0 | 5 | 0 | 0 | 15.1M | FS |
| Falcon Complex | OR-UPF | 2,935 | 0 | 75 | Ctn | 9/15 | 200 | -25 | 5 | 13 | 1 | 0 | 15.2M | FS |
| Diamond Creek | WA-OWF | 105,750 | 250 | 30 | Comp | 10/15 | 36 | 5 | 0 | 3 | 1 | 3 | 12.4M | FS |
| * Sheep Complex | OR-WWF | 850 | --- | 0 | Comp | UNK | 12 | --- | 0 | 0 | 1 | 0 | 50K | FS |
| * Hampton | OR-PRD | 840 | --- | 60 | Ctn | 9/13 | 36 | --- | 1 | 8 | 0 | 0 | 100K | BLM |
| * Hard Rock | OR-VAD | 1,280 | --- | 51 | Ctn | UNK | 23 | --- | 0 | 6 | 1 | 0 | 30K | BLM |

## Northern California Area (PL 4)

| New fires: | 20 |
| :--- | :---: |
| New large incidents: | 0 |
| Uncontained large fires: | 3 |
| Type 1 IMTs committed: | 2 |
| Type 2 IMTs committed: | 3 |

Helena, Shasta - Trinity NF. IMT 1 (von Tillow). Five miles northwest of Junction City, CA. Timber and brush.
Active fire behavior with flanking, backing and short-range spotting. Structures threatened. Evacuations, road, trail and area closures in effect.

Salmon August Complex, (2 fires). Klamath NF. IMT 2 (Zombro). Nine miles west of Etna, CA. Timber. Moderate fire behavior with backing, flanking and creeping. Structures threatened. Road, trail and area closures in effect.

Orleans Complex, (4 fires). Six Rivers NF. IMT 2 (Coots). Twenty miles north of Orleans, CA. Timber and brush. Moderate fire behavior with creeping, flanking and backing. Structures threatened. Road, trail and area closures in effect.

CA-KNF-006098 Complex, (2 fires). Klamath NF. Transfer of command from IMT 1 (McGowan) to IMT 2 (Fogle) will occur today. Ten miles northwest of Happy Camp, CA. Timber and brush. Moderate fire behavior with creeping, smoldering and backing. Road, trail and area closures in effect.

| 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 |  |  |  |
| Helena | CA-SHF | 20,552 | 97 | 43 | Comp | 10/1 | 910 | -407 | 12 | 64 | 8 | 133 | 15.8M | FS |
| Salmon August Complex | CA-KNF | 65,392 | 0 | 18 | Comp | 10/20 | 1,583 | -84 | 47 | 56 | 9 | 1 | 24.6M | FS |
| Orleans Complex | CA-SRF | 26,579 | 89 | 53 | Comp | 10/12 | 444 | -1 | 5 | 29 | 5 | 0 | 34.1M | FS |
| $\begin{array}{\|l} \hline \text { CA-KNF- } \\ 006098 \\ \text { Complex } \\ \hline \end{array}$ | CA-KNF | 96,151 | 0 | 25 | Comp | 10/10 | 538 | -73 | 6 | 25 | 4 | 0 | 34.2M | FS |

Southern California Area (PL 3)

| New fires: | 9 |
| :--- | :--- |
| New large incidents: | 0 |
| Uncontained large fires: | 4 |
| Type 1 IMTs Committed | 2 |
| Type 2 IMTs Committed | 2 |

Pier, Sequoia NF. IMT 1 (Minton). Seven miles east of Springville, CA. Timber and brush. Moderate fire behavior with backing, flanking and creeping. Structures threatened. Evacuations, road, trail and area closures in effect.

Railroad, Sierra NF. Transfer of command from IMT 2 (Mills) back to the local unit will occur on $9 / 14$. Forty miles northeast of Chowchilla, CA. Timber and logging slash. Minimal fire behavior with backing. Structures threatened. Evacuations, road, trail and area closures in effect.

Mission, Merced - Mariposa Unit, Cal Fire. Transfer of command from Cal Fire IMT 1 (Lawson) back to the local unit will occur tomorrow. Three miles southeast of North Fork, CA. Timber and brush. Minimal fire behavior.

Slinkard, Bishop Field Office, BLM. Eight miles north of Walker, CA. Timber, brush, and short grass. Minimal fire behavior.

Summit Complex, (2 fires), Stanislaus NF. Previously reported incident. Two miles southwest of Dardanelle, CA. Timber. Minimal fire behavior. Last report unless significant activity occurs.

| 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 |  |  |  |
| Pier | CA-SQF | 27,290 | 542 | 60 | Ctn | 9/20 | 1,780 | -39 | 35 | 125 | 8 | 2 | 24.6M | FS |
| Railroad | CA-SNF | 12,407 | 54 | 75 | Ctn | 9/15 | 813 | -218 | 15 | 58 | 5 | 17 | 17.3M | FS |
| Mission | CA-MMU | 1,035 | 0 | 83 | Ctn | 9/13 | 1,008 | -227 | 21 | 51 | 2 | 7 | 11.6M | ST |
| Slinkard | CA-OVD | 8,925 | 0 | 97 | Ctn | 9/11 | 59 | -20 | 1 | 2 | 2 | 0 | 5.7M | BLM |
| Summit Complex | CA-STF | 4,653 | 1,436 | 20 | Comp | 10/31 | 125 | 0 | 4 | 3 | 0 | 0 | 1K | FS |

## Great Basin Area (PL 4)

New fires: 11
New large incidents: 0
Uncontained large fires: 3
NIMOs Committed: 3
Type 2 IMTs committed: 1
Tank Hollow, Uinta/Wasatch-Cache NF. Transfer of command from IMT 2 (Chadwick) back to the local unit will occur tomorrow. Eight miles northwest of Tucker, UT. Timber, brush and short grass. Moderate fire behavior with torching and backing. Structures threatened. Road, trail and area closures in effect. Reduction in acreage due to more accurate mapping.

Highline, Payette NF. NIMO (Reinarz). Twenty-five miles northeast of Warren, ID. Timber. Moderate fire behavior. Structures threatened. Trail and area closures in effect.

Bearskin, Boise NF. NIMO (Quesinberry) and NIMO (Hahnenberg). Twenty-one miles northeast of Lowman, ID. Timber. Moderate fire behavior with single tree torching and wind-driven runs. Area closures in effect.

Pole Creek, Bridger - Teton NF. Twenty-eight miles southeast of Afton, WY. Timber and grass. Moderate fire behavior with backing, torching and smoldering. Structures and sage-grouse habitat threatened. Road, trail and area closures in effect.

Tohakum 2, Western Nevada Agency, BIA. Forty miles north of Nixon, NV. Brush and short grass. Minimal 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 |  |  |  |
| Tank Hollow | UT-UWF | 11,067 | -23 | 84 | Ctn | 10/15 | 189 | -58 | 3 | 6 | 4 | 0 | 6.1 M | FS |
| Highline | ID-PAF | 82,133 | 1,270 | 0 | Comp | 10/15 | 77 | 1 | 1 | 0 | 1 | 0 | 2.2M | FS |
| Bearskin | ID-BOF | 28,130 | 730 | 0 | Comp | 10/15 | 115 | -13 | 2 | 8 | 2 | 0 | 1.7M | FS |
| Pole Creek | WY-BTF | 3,600 | 0 | 55 | Ctn | 9/29 | 84 | -6 | 1 | 7 | 1 | 0 | 8.7M | FS |
| Tohakum 2 | NV-WNA | 94,221 | 0 | 98 | Ctn | 9/11 | 60 | -8 | 2 | 3 | 0 | 0 | 3.4 M | BIA |

## Southern Area (PL 5)

| New fires: | 5 |
| :--- | :--- |
| New large incidents: | 0 |
| Uncontained large fires: | 0 |
| Type 2 IMTs Committed | 1 |

Hurricane Harvey, Texas A\&M Forest Service. Affected area encompasses much of the Texas and Louisiana Gulf Coast. Texas IMT 2 (Hanneman) has mobilized to College Station, TX to assist with coordinating city and county response efforts.

| 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 |  |  |  |
| Hurricane Harvey | TX-TXS | N/A | --- | N/A | N/A | --- | 691 | -120 | 1 | 96 | 0 | 0 | NR | ST |

## Rocky Mountain Area (PL 2)

New fires: 10
New large incidents: 2
Uncontained large fires: 4
Type 2 IMTs Committed 1
Deep Creek, Routt County. IMT 2 (Greer). IMT is also managing the Pine Tree fire. Nine miles northeast of Hayden, CO. Timber. Minimal fire behavior with isolated torching, smoldering, and creeping. Structures threatened. Road closures in effect.

* Pine Tree, Moffat County. Ten miles south of Maybell, CO. Timber and brush. Extreme fire behavior. Structures threatened. Road closures in effect.

Himes Peak, White River NF. Thirty miles east of Meeker, CO. Timber, brush, and tall grass. Moderate fire behavior with creeping and smoldering. Structures threatened. Trail and area closures in effect. Precipitation occurred over the fire area yesterday. Reduction in acreage due to more accurate mapping.

* Cowboy, Uinta County. Thirteen miles northeast of Evaston, WY. Brush and tall grass. Moderate fire behavior. Residences threatened.

| 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 |  |  |  |
| Deep Creek | CO-RTX | 4,112 | 0 | 62 | Ctn | 9/19 | 290 | -3 | 6 | 18 | 2 | 0 | 1.6M | CNTY |
| * Pine Tree | CO-MFX | 5,000 | --- | 0 | Ctn | 9/24 | 63 | --- | 2 | 5 | 0 | 0 | 1K | CNTY |
| Himes Peak | CO-WRF | 112 | -18 | 85 | Ctn | 9/30 | 134 | -31 | 4 | 10 | 1 | 0 | 594K | FS |
| * Cowboy | WY-UIX | 1,592 | --- | 50 | Ctn | 9/13 | 47 | --- | 0 | 12 | 0 | 0 | 115K | CNTY |

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 | 3 | 0 | 0 | 10 | 14 | $\mathbf{2 7}$ |
|  | ACRES | 0 | 103 | 0 | 0 | 41 | 13 | $\mathbf{1 5 7}$ |
| Northern California Area | FIRES | 0 | 0 | 0 | 0 | 19 | 1 | $\mathbf{2 0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 10 | 1,769 | $\mathbf{1 , 7 7 9}$ |
| Southern California Area | FIRES | 0 | 0 | 0 | 0 | 9 | 0 | $\mathbf{9}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 30 | 1,485 | $\mathbf{1 , 5 1 5}$ |
| Northern Rockies Area | FIRES | 0 | 0 | 0 | 0 | 7 | 6 | $\mathbf{1 3}$ |
|  | ACRES | 997 | 0 | 0 | 0 | 1,200 | 9,030 | $\mathbf{1 1 , 2 2 7}$ |
| Great Basin Area | FIRES | 0 | 2 | 0 | 0 | 4 | 5 | $\mathbf{1 1}$ |
|  | ACRES | 0 | 11 | 0 | 0 | 2 | 1 | $\mathbf{1 4}$ |
| Rocky Mountain Area | FIRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Eastern Area | FIRES | 0 | 9 | 0 | 0 | 1 | 0 | $\mathbf{1 0}$ |
|  | 0 | 759 | 0 | 0 | 4,924 | 0 | $\mathbf{5 , 6 8 3}$ |  |
| TOTAL FIRES: | 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 | 170 | 0 | 0 | 171 | 13 | $\mathbf{3 5 4}$ |
|  | ACRES | 0 | 571,516 | 0 | 0 | 81,345 | 1 | $\mathbf{6 5 2 , 8 6 2}$ |
| Northwest Area | FIRES | 178 | 225 | 30 | 24 | 1,358 | 1,195 | $\mathbf{3 , 0 1 0}$ |
|  | ACRES | 11,905 | 212,394 | 20,980 | 5,358 | 25,950 | 472,818 | $\mathbf{7 4 9 , 4 0 5}$ |
| Northern California Area | FIRES | 73 | 71 | 5 | 13 | 2,297 | 774 | $\mathbf{3 , 2 3 3}$ |
|  | ACRES | 116 | 39,891 | 70 | 37 | 34,515 | 321,510 | $\mathbf{3 9 6 , 1 3 9}$ |
| Southern California Area | FIRES | 161 | 65 | 2 | 32 | 3,126 | 400 | $\mathbf{3 , 7 8 6}$ |
|  | ACRES | 640 | 36,522 | 0 | 9,726 | 213,917 | 88,492 | $\mathbf{3 4 9 , 2 9 7}$ |
| Northern Rockies Area | FIRES | 607 | 101 | 17 | 29 | 1,419 | 659 | $\mathbf{2 , 8 3 2}$ |
|  | ACRES | 53,690 | 358,053 | 1,182 | 12,551 | 278,719 | 521,415 | $\mathbf{1 , 2 2 5 , 6 1 0}$ |
| Great Basin Area | FIRES | 34 | 939 | 4 | 37 | 2,409 | 405 | $\mathbf{3 , 8 2 8}$ |
|  | ACRES | 56,328 | $1,223,714$ | 2 | 38 | 468,427 | 212,000 | $\mathbf{1 , 9 6 0 , 5 0 9}$ |
| Southwest Area | FIRES | 692 | 225 | 16 | 42 | 695 | 881 | $\mathbf{2 , 5 5 1}$ |
|  | ACRES | 45,894 | 23,368 | 151 | 1,389 | 114,023 | 355,535 | $\mathbf{5 4 0 , 3 6 0}$ |
| Rocky Mountain Area | FIRES | 703 | 314 | 8 | 22 | 944 | 358 | $\mathbf{2 , 3 4 9}$ |
|  | ACRES | 9,862 | 48,259 | 354 | 239 | 559,831 | 12,543 | $\mathbf{6 3 1 , 0 8 8}$ |
| Eastern Area | FIRES | 343 | 0 | 13 | 14 | 3,327 | 293 | $\mathbf{3 , 9 9 0}$ |
|  | ACRES | 696 | 0 | 19 | 129 | 16,978 | 3,108 | $\mathbf{2 0 , 9 3 0}$ |
| TOTAL FIRES: | FIRES | 257 | 8 | 47 | 27 | 21,450 | 360 | $\mathbf{2 2 , 1 4 9}$ |
| TOTAL ACRES: | ACRES | 60,252 | 36 | 154,024 | 54,654 | $1,339,287$ | 25,536 | $\mathbf{1 , 6 3 3 , 7 8 9}$ |


| Ten Year Average Fires (2007 - 2016 as of today) | 51,221 |
| :--- | :---: |
| Ten Year Average Acres (2007 - 2016 as of today) | $5,598,207$ |

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 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Northwest Area | FIRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Northern California Area | FIRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Southern California Area | FIRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| 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 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Southwest Area | FIRES | 0 | 0 | 0 |  | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 |  | 0 | 0 | $\mathbf{0}$ |
| Rocky Mountain Area | FIRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Eastern Area | FIRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
| Southern Area | FIRES | 0 | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | $\mathbf{0}$ | $\mathbf{0}$ |
| TOTAL FIRES: |  | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
|  |  | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |

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

| Area |  | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alaska Area | FIRES | 0 | 0 | 0 | 0 | 6 | 2 | $\mathbf{8}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 64,850 | 100 | $\mathbf{6 4 , 9 5 0}$ |
| Northwest Area | FIRES | 6 | 11 | 4 | 1 | 0 | 70 | $\mathbf{9 2}$ |
|  | ACRES | 1,782 | 1,336 | 4,761 | 38 | 0 | 11,523 | $\mathbf{1 9 , 4 4 0}$ |
| Northern California Area | FIRES | 1 | 5 | 6 | 11 | 0 | 89 | $\mathbf{1 1 2}$ |
|  | ACRES | 20 | 654 | 239 | 258 | 0 | 9,671 | $\mathbf{1 0 , 8 4 2}$ |
| Southern California Area | FIRES | 0 | 3 | 5 | 3 | 0 | 152 | $\mathbf{1 6 3}$ |
|  | ACRES | 0 | 62 | 464 | 504 | 0 | 4,252 | $\mathbf{5 , 2 8 2}$ |
| Northern Rockies Area | FIRES | 6 | 13 | 42 | 6 | 11 | 93 | $\mathbf{1 7 1}$ |
|  | ACRES | 462 | 3,820 | 18,690 | 752 | 514 | 6,413 | $\mathbf{3 0 , 6 5 1}$ |
| Great Basin Area | FIRES | 3 | 18 | 5 | 6 | 33 | 63 | $\mathbf{1 2 8}$ |
|  | ACRES | 24 | 1,628 | 933 | 43 | 803 | 12,765 | $\mathbf{1 6 , 1 9 6}$ |
| Southwest Area | FIRES | 22 | 33 | 4 | 5 | 5 | 97 | $\mathbf{1 6 6}$ |
|  | ACRES | 3,791 | 46,871 | 4,952 | 1,639 | 6,105 | 61,661 | $\mathbf{1 2 5 , 0 1 9}$ |
| Rocky Mountain Area | FIRES | 23 | 34 | 37 | 10 | 78 | 94 | $\mathbf{2 7 6}$ |
|  | ACRES | 1,032 | 2,963 | 18,305 | 2,370 | 3,279 | 38,389 | $\mathbf{6 6 , 3 3 8}$ |
| Eastern Area | FIRES | 51 | 0 | 169 | 22 | 1,199 | 177 | $\mathbf{1 , 6 1 8}$ |
|  | ACRES | 26,679 | 0 | 26,117 | 6,148 | 97,977 | 64,958 | $\mathbf{2 2 1 , 8 7 9}$ |
| Southern Area | FIRES | 48 | 0 | 123 | 28 | 63,745 | 691 | $\mathbf{6 4 , 6 3 5}$ |
|  | ACRES | 6,894 | 0 | 94,960 | 133,644 | $1,511,198$ | 630,154 | $\mathbf{2 , 3 7 6 , 8 5 0}$ |
| TOTAL FIRES: |  | $\mathbf{1 6 0}$ | $\mathbf{1 1 7}$ | $\mathbf{3 9 5}$ | $\mathbf{9 2}$ | $\mathbf{6 5 , 0 7 7}$ | $\mathbf{1 , 5 2 8}$ | $\mathbf{6 7 , 3 6 9}$ |
| TOTAL ACRES: | $\mathbf{4 0 , 6 8 4}$ | $\mathbf{5 7 , 3 3 4}$ | $\mathbf{1 6 9 , 4 2 1}$ | $\mathbf{1 4 5 , 3 9 6}$ | $\mathbf{1 , 6 8 4 , 7 2 6}$ | $\mathbf{8 3 9 , 8 8 6}$ | $\mathbf{2 , 9 3 7 , 4 4 7}$ |  |

*** 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/

Canada Fires and Hectares

| PROVINCES | FIRES YESTERDAY | HECTARES YESTERDAY | FIRES YEAR-TO-DATE | HECTARES YEAR-TO-DATE |
| :---: | :---: | :---: | :---: | :---: |
| BRITISH COLUMBIA | 7 | 4,353 | 1,219 | 1,171,679 |
| YUKON TERRITORY | 0 | 0 | 114 | 330,326 |
| ALBERTA | 1 | 7,124 | 1,138 | 39,914 |
| NORTHWEST TERRITORY | 0 | 0 | 245 | 1,014,160 |
| SASKATCHEWAN | 1 | 0 | 318 | 341,939 |
| MANITOBA | 4 | 231 | 515 | 161,636 |
| ONTARIO | 3 | 0 | 710 | 92,146 |
| QUEBEC | 0 | 0 | 278 | 34,020 |
| NEWFOUNDLAND | 0 | 0 | 67 | 696 |
| NEW BRUNSWICK | 4 | 0 | 187 | 113 |
| NOVA SCOTIA | 0 | 0 | 162 | 725 |
| PRINCE EDWARD ISLAND | 0 | 0 | 4 | 7 |
| NATIONAL PARKS | 3 | 0 | 159 | 104,914 |
| TOTALS | 23 | 11,709 | 5,116 | 3,292,274 |

* 1 Hectare $=2.47$ Acres

Predictive Services Discussion: Hurricane Irma will make landfall along the coast of South Carolina and Georgia creating significant damage from flooding, storm surge, and winds. Along the Pacific Coast, the cut-off low pressure area will remain stalled off the Southern California coast and will continue to pump monsoonal moisture into the Sierras and the southern Great Basin, creating isolated storms in the afternoon. Further north, a breezy westerly flow will continue across the Pacific Northwest and the Northern Rockies. Across the Great Lakes Region, cooler than average conditions are expected as an upper level trough over Canada deepens and pushes southward into the Tennessee River Valley.
http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm


# HELICOPTER PERFORMANCE 

Aviation Category

Certain helicopter missions push the limits of the aircraft's performance capabilities. Items that reduce the effectiveness and increase the risk of the mission include weight, temperature, altitude, and visibility.

- Helicopter missions that transport external loads increase risk.
- Helicopters performance/lift capabilities decrease as temperature and/or altitude increase. Be watchful of conditions that are High, Hot and Heavy!
- All helicopters have different maximum performance capabilities, so be aware of the capabilities of the specific helicopter that you are working with.
- Low-level helicopter operations often occur in heavy smoke where hazards (e.g., trees, snags, antennas, visibility, turbulence, and other aircraft) increase the risk level significantly.
- Determine the risk level for every mission. Is the risk level acceptable? Can the risk be mitigated? If the risk is not acceptable or it cannot be mitigated, then the mission should not be flown.
- A large part of the success of a helicopter mission is the result of good communications between the pilot and the user on the ground.
- Accurate target and hazard descriptions are essential to a safe mission. Locate this information and relay it to the pilot. Things to consider in the target description include:
- Have you considered what the target would look like from the air?
- Are you located where the pilot can see you?
- Do you have a signal mirror?
- Are you using cardinal directions or clock directions in relation to the track of the aircraft?
- What is the wind direction? Provide this information to the pilot.
- Are all firefighters clear of the drop area?
- Is there a safer way to carry out an effective suppression action?

Activity: If available, have a pilot explain how the load calculation is done and the effects of density altitude on the aircrafts' capability and allowable.

## References:

Incident Response Pocket Guide
Interagency Helicopter Operations Guide (IHOG)

## Have an idea? Have feedback? Share it.


[^0]:    * Hard Rock, Vale District, BLM. Twenty miles south of Harper, OR. Tall and short grass. Minimal fire behavior.

