# National Interagency Coordination Center Incident Management Situation Report <br> Thursday, September 14, 2017 - 0530 MT <br> National Preparedness Level 5 

National Fire Activity
Initial attack activity:
New large incidents:
Large fires contained:
Uncontained large fires:**
Area Command Teams
Area Command Teams Committed: 2
NIMOs committed: 3
Type 1 IMTs committed: 13
Type 2 IMTs committed:
Light (160) new fires
**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.

One MAFFS C-130 airtanker 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 $152^{\text {nd }}$ Airlift Wing, (Nevada 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 | 30 | 720,080 | 223 | 420 | 78 | 9,127 |
| ONCC | 13 | 214,042 | 73 | 114 | 27 | 3,161 |
| OSCC | 10 | 82,862 | 47 | 127 | 11 | 2,305 |
| NRCC | 40 | 635,341 | 63 | 338 | 57 | 4,757 |
| GBCC | 18 | 281,022 | 20 | 56 | 12 | 975 |
| SWCC | 1 | 200 | 1 | 1 | 2 | 36 |
| RMCC | 8 | 16,690 | 8 | 37 | 4 | 369 |
| EACC | 0 | 0 | 0 | 0 | 0 | 0 |
| SACC | 1 | 760 | 0 | 0 | 0 | 17 |
| Total | 121 | $\mathbf{1 , 9 5 0 , 9 9 8}$ | 435 | $\mathbf{1 , 0 9 3}$ | $\mathbf{1 9 1}$ | $\mathbf{2 0 , 7 4 7}$ |

## Northern Rockies Area (PL 5)

| New fires: | 2 |
| :--- | :--- |
| New large incidents: | 0 |
| Uncontained large fires: | 8 |
| Area Command teams committed: | 1 |
| Type 1 IMTs committed: | 4 |
| Type 2 IMTs committed: | 6 |

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 running, flanking and smoldering. 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 and spotting. Structures threatened. 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. Extreme fire behavior with wind-driven runs, long-range spotting and crowning. 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 short crown runs, spotting 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 crowning, group torching and short-range spotting. Structures threatened. Evacuations, road, and area closures in effect.

Caribou, Kootenai NF. IMT 2 (Pearson). IMT is also managing the Gibralter Ridge and Weasel fires. Twentyone miles northwest of Eureka, MT. Timber. Active fire behavior with single tree torching and backing. Structures threatened. Evacuations, 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. Structures threatened. Evacuations, road, trail and area closures in effect.

Weasel, Kootenai NF. Seventeen miles east of Eureka, MT. Timber. Active fire behavior with wind-driven runs, single tree torching and short-range spotting. Structures threatened. Road, trail and area closures in effect. Last report unless significant activity occurs.

Strawberry, Flathead NF. Thirty miles southeast of Essex, MT. Timber. Active fire behavior with short crown runs, torching and spotting. Structures threatened. Evacuations, road, trail and area closures in effect. Last report unless significant activity occurs.

Highway 200 Complex, ( 5 fires), Lolo NF. Transfer of command from IMT 2 (Connell) to IMT 2 (Leach) will occur today. Nine miles northwest of Plains, MT. Timber. Active fire behavior with torching and spotting. Residences threatened. Evacuations, road and area closures in effect.

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

Adair Peak, Glacier National Park. Eighteen miles north of West Glacier, MT. Timber. Active fire behavior with torching, spotting and backing. 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 group torching, short-range spotting and flanking. 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 group torching, short-range spotting and smoldering. Structures threatened. 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 and smoldering. Structures threatened. Evacuations, road, trail and area closures in effect. Precipitation occurred over the fire area yesterday.

Blacktail, Helena - Lewis and Clark NF. Twenty-two miles southwest of Harlowton, MT. Timber, brush and tall grass. Moderate fire behavior with torching. 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. Moderate fire behavior with backing, flanking and creeping. 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. Road and area closures in effect.

McCully, Northwestern Land Office, Montana DNR. Seventeen miles northeast of Thompson Falls, MT. Timber. Minimal fire behavior.

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

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

Snowshoe, Southwest Land Office, Montana DNR. Twenty miles west of Helena, MT. Timber, brush and tall grass. Moderate fire behavior with single tree torching, creeping 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 |  |  |  |
| Rice Ridge | MT-LNF | 155,900 | 16,398 | 40 | Comp | 10/15 | 778 | 47 | 6 | 63 | 4 | 0 | 41.2M | FS |
| Liberty | MT-FHA | 27,842 | 808 | 47 | Comp | 10/15 | 269 | -2 | 9 | 11 | 3 | 1 | 19M | BIA |
| Alice Creek | MT-HLF | 28,862 | 880 | 15 | Comp | 10/2 | 384 | 23 | 5 | 38 | 4 | 4 | 11.7M | FS |
| West Fork | MT-KNF | 15,400 | 573 | 10 | Comp | 10/7 | 284 | 0 | 3 | 12 | 0 | 0 | 4.3M | FS |
| Moose Peak | MT-KNF | 10,300 | 1,470 | 0 | Comp | 10/30 | 95 | 0 | 3 | 5 | 1 | 0 | 1.4M | FS |
| Caribou | MT-KNF | 23,210 | 822 | 37 | Comp | 10/30 | 348 | -55 | 7 | 10 | 2 | 40 | 7.3M | FS |
| Gibralter Ridge | MT-KNF | 12,700 | 2,984 | 27 | Comp | 10/31 | 49 | 8 | 0 | 8 | 1 | 1 | 9.4M | FS |
| Weasel | MT-KNF | 3,900 | 3,031 | 0 | Comp | 10/31 | 0 | 0 | 0 | 0 | 0 | 0 | 10K | FS |
| Strawberry | MT-FNF | 13,025 | 1,739 | 0 | Comp | 10/31 | 100 | 0 | 2 | 5 | 3 | 0 | 220K | FS |
| Highway 200 Complex | MT-LNF | 24,225 | 0 | 22 | Comp | 10/15 | 224 | -38 | 2 | 16 | 9 | 0 | 7M | FS |
| Sprague | MT-GNP | 14,795 | 0 | 60 | Comp | 11/1 | 167 | 16 | 1 | 12 | 6 | 1 | 4.2M | NPS |
| Adair Peak | MT-GNP | 2,890 | 0 | 50 | Comp | 11/1 | 4 | 1 | 0 | 0 | 0 | 0 | 28K | NPS |


| Lolo Peak | MT-LNF | 52,745 | 585 | 46 | Comp | $10 / 31$ | 535 | -18 | 9 | 26 | 5 | 10 | 44.1 M | FS |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Meyers | MT-BDF | 62,034 | 149 | 8 | Ctn | $10 / 21$ | 311 | -21 | 2 | 17 | 0 | 1 | 29.9 M | FS |
| Sapphire <br> Complex | MT-LNF | 43,753 | 13 | 60 | Comp | $10 / 31$ | 179 | -4 | 1 | 20 | 5 | 12 | 34.9 M | FS |
| Blacktail | MT-HLF | 4,000 | 0 | 0 | Ctn | $9 / 20$ | 88 | 0 | 1 | 14 | 0 | 0 | 150 K | FS |
| Coolwater <br> Complex | ID-NCF | 2,969 | 0 | 2 | Comp | $10 / 23$ | 109 | -12 | 0 | 5 | 1 | 0 | 837 K | FS |
| East Fork | MT-RBA | 21,896 | 0 | 95 | Ctn | $9 / 17$ | 65 | -23 | 0 | 21 | 0 | 5 | 4.1 M | BIA |
| McCully | MT-NWS | 637 | 0 | 95 | Ctn | $9 / 14$ | 36 | -31 | 0 | 8 | 0 | 0 | $1.3 M$ | ST |
| Blue Bay | MT-FHA | 490 | 0 | 80 | Ctn | $9 / 21$ | 65 | 3 | 2 | 2 | 1 | 0 | $2.4 M$ | BIA |
| Nelson Creek | MT-BRF | 280 | 0 | 75 | Ctn | $9 / 30$ | 13 | 0 | 0 | 1 | 0 | 0 | $1.2 M$ | FS |
| Snowshoe | MT-SWS | 434 | 0 | 91 | Ctn | $9 / 14$ | 51 | 0 | 1 | 6 | 1 | 0 | $415 K$ | ST |

## Northwest Area (PL 5)

| New fires: | 18 |
| :--- | :---: |
| New large incidents: | 0 |
| Uncontained large fires: | 20 |
| Area Command teams committed: | 1 |
| NIMOs Committed: | 1 |
| Type 1 IMTs committed: | 7 |
| Type 2 IMTs committed: | 10 |

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. Active fire behavior with running and flanking. Residences threatened. Evacuations, road, trail and area closures in effect.

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

Desolation, Ochoco NF. Twenty miles northeast of Prineville, OR. Timber and brush. No new information.
Chetco Bar, Rogue River - Siskiyou NF. IMT 1 (Lund) and IMT 2 (Gales). IMT is also managing the Indigo fire. Sixteen miles west of Selma, OR. Timber and brush. Moderate fire behavior with creeping, backing, and torching. Structures threatened. Evacuations, road, trail and area closures in effect.

Indigo, Rogue River - Siskiyou NF. Eight miles east of Agnes, OR. Timber and brush. Moderate fire behavior with creeping and smoldering. Road, trail and area closures in effect. Last report unless significant activity occurs.

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. Evacuations, road, trail and area closures in effect.

Norse Peak, Okanogan - Wenatchee NF. IMT 1 (Livingston) and IMT 2 (Arroyo). IMT is also managing the American fire. Eleven miles west of Cliffdell, WA. Timber. Moderate fire behavior with group torching, backing and creeping. Residences threatened. Evacuations, road, trail and area closures in effect.

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

Umpqua North Complex, (6 fires), Umpqua NF. Transfer of command from IMT 1 (J. Kurth) to IMT 2 (Rohrer) will occur tomorrow. Fifty miles east of Roseburg, OR. Timber, brush and grass. Active fire behavior with uphill runs, group torching and backing. Structures threatened. Evacuations, road, trail and area closures in effect.

Horse Creek Complex, (3 fires), Willamette NF. IMT 1 (T. Kurth). IMT is also managing the Rebel fire. Seven miles south of Belknap Springs, OR. Timber. Active 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. Active fire behavior with single tree torching, backing and flanking. Evacuations, road, trail and area closures in effect.

High Cascades Complex, (4 fires), Rogue River - Siskiyou NF. IMT 2 (Sinclair) and IMT 2 (Sheldon). IMT is also managing the Spruce Lake fire. Nine miles northeast of Prospect, OR. Timber. Moderate fire behavior with single tree torching, short-range spotting and backing. Structures threatened. Road, trail and area closures in effect. Reduction in acreage due to more accurate mapping. Precipitation occurred over the fire area yesterday.

Spruce Lake, Crater Lake NP. Previously reported under the High Cascades Complex. Nineteen miles northeast of Prospect, OR. Timber. Minimal fire behavior. Structures threatened. Trail and area closures in effect.

Miller Complex, (4 fires), Rogue River - Siskiyou NF. IMT 2 (Goff). Seventeen miles east of Cave Junction, OR. Timber. No new information received.

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

Whitewater, Willamette NF. Transfer of command from IMT 2 (Johnson) to IMT 2 (Rabe) will occur tomorrow. IMT is also managing the Potato Hill fire. Ten miles east of Idanha, OR. Timber and brush. Active fire behavior with flanking, backing and 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, uphill runs and flanking. 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. No new information received.

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

Milli, Deschutes NF. Nine miles west of Sisters, OR. Timber. Minimal fire behavior. 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.

Hampton, Prineville District, BLM. Forty-eight miles southeast of Prineville, OR. Brush and tall grass. Minimal fire behavior. Sage-grouse habitat threatened. Last report unless significant activity occurs.

East Crater, Gifford Pinchot NF. Ten miles northwest of Trout Lake, WA.Timber and grass. Minimal fire behavior. Area closure in effect.

Sheep Complex, (3 fires), Wallowa - Whitman NF. Previously reported incident. Twelve miles west of Riggins, ID. Timber and brush. Active fire behavior with uphill runs, flanking and creeping. Structures threatened. Trail 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 |  |  |  |
| Eagle Creek | OR-CGF | 37,567 | 1,931 | 17 | Comp | 9/30 | 934 | 36 | 26 | 46 | 12 | 4 | 13.1M | FS |
| Diamond Creek | WA-OWF | 119,000 | 10,000 | 30 | Comp | 10/15 | 109 | 44 | 2 | 5 | 1 | 3 | 13.7M | FS |
| Desolation | OR-OCF | 300 | --- | 0 | Ctn | 10/14 | 8 | --- | 0 | 0 | 0 | 0 | 150K | FS |
| Chetco Bar | OR-RSF | 185,920 | 302 | 12 | Ctn | 10/15 | 1,600 | 13 | 48 | 45 | 15 | 30 | 48.3M | FS |
| Indigo | OR-RSF | 143 | 0 | 0 | Comp | 9/26 | 0 | 0 | 0 | 0 | 0 | 0 | 15K | FS |
| Jolly Mountain | WA-OWF | 33,950 | 1,441 | 25 | Ctn | 10/15 | 788 | -21 | 18 | 55 | 5 | 0 | 20.7M | FS |
| Norse Peak | WA-OWF | 52,502 | 0 | 12 | Comp | 10/1 | 660 | -58 | 14 | 19 | 4 | 1 | 13.8M | FS |
| American | WA-OWF | 2,946 | 0 | 0 | Comp | 10/1 | 0 | 0 | 0 | 0 | 0 | 0 | 850K | FS |
| Umpqua North Complex | OR-UPF | 40,856 | 513 | 38 | Comp | 9/30 | 842 | -55 | 16 | 45 | 5 | 1 | 31.8M | FS |
| Horse Creek Complex | OR-WIF | 31,735 | 784 | 0 | Comp | 9/30 | 348 | 0 | 8 | 17 | 2 | 0 | 1K | FS |
| Rebel | OR-WIF | 8,410 | 79 | 20 | Comp | 9/30 | 76 | 23 | 2 | 4 | 0 | 0 | 6M | FS |
| High Cascades Complex | OR-RSF | 59,855 | -38,524 | 16 | Ctn | 10/15 | 932 | 243 | 21 | 44 | 7 | 1 | 1K | FS |
| Spruce Lake | OR-CLP | 15,613 | 15,483 | 27 | Ctn | 10/15 | 122 | -279 | 5 | 1 | 0 | 0 | 6.4M | NPS |
| Miller Complex | OR-RSF | 34,536 | --- | 40 | Comp | 9/30 | 574 | --- | 14 | 34 | 4 | 0 | 21.1 M | FS |
| Jones | OR-WIF | 9,367 | 0 | 55 | Ctn | 9/30 | 223 | -47 | 3 | 19 | 6 | 1 | 18.5M | FS |
| Whitewater | OR-WIF | 13,666 | 162 | 35 | Comp | 10/31 | 297 | -40 | 5 | 8 | 2 | 0 | 32.6M | FS |
| Potato Hill | OR-WIF | 199 | 0 | 95 | Ctn | 9/15 | 37 | 1 | 1 | 2 | 0 | 0 | 437K | FS |
| Uno Peak | WA-OWF | 8,060 | 181 | 10 | Comp | 10/15 | 317 | -6 | 7 | 12 | 5 | 1 | 4.2 M | FS |
| Sawmill Creek | WA-SPS | 915 | --- | 0 | Ctn | 11/1 | 297 | --- | 7 | 12 | 2 | 0 | 2M | ST |
| Horse Prairie | OR-733S | 16,436 | 0 | 80 | Ctn | 9/15 | 404 | -192 | 13 | 12 | 3 | 2 | 16.2M | ST |
| Milli | OR-DEF | 24,025 | 0 | 60 | Ctn | 10/1 | 27 | -3 | 0 | 4 | 0 | 0 | 15.1M | FS |
| Falcon Complex | OR-UPF | 2,935 | 0 | 90 | Ctn | 9/15 | 123 | -6 | 3 | 7 | 1 | 0 | 1K | FS |
| Hampton | OR-PRD | 840 | 0 | 95 | Ctn | UNK | 2 | 0 | 0 | 0 | 0 | 0 | 112K | BLM |
| East Crater | WA-GPF | 470 | 0 | 0 | Ctn | 10/31 | 36 | 5 | 1 | 0 | 0 | 0 | 390K | FS |
| Sheep Complex | OR-WWF | 2,303 | 667 | 0 | Comp | 10/15 | 14 | 2 | 0 | 0 | 1 | 0 | 1K | FS |

## Northern California Area (PL 4)

| New fires: | 79 |
| :--- | :---: |
| New large incidents: | 3 |
| Uncontained large fires: | 5 |
| Type 1 IMTs committed: | 1 |
| Type 2 IMTs committed: | 5 |

Helena, Shasta - Trinity NF. Transfer of command from IMT 1 (von Tillow) to IMT 2 (Young) will occur tommorrow. Five miles northwest of Junction City, CA. Timber and brush. Active fire behavior with uphill runs, single tree torching and backing. Structures threatened. Evacuations, road, trail and area closures in effect.

Salmon August Complex, (2 fires). Klamath NF. Transfer of command from IMT 2 (Zombro) to IMT 2 (Bollier) will occur tomorrow. Nine miles west of Etna, CA. Timber. Moderate fire behavior with flanking, backing and creeping. Structures threatened. Evacuations, road, trail and area closures in effect. Reduction in acreage due to more accurate mapping.

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

CA-KNF-006098 Complex, (2 fires). Klamath NF. IMT 2 (Fogle). Ten miles northwest of Happy Camp, CA. Timber and brush. Minimal fire behavior with single tree torching, backing and creeping. Structures threatened. Road, trail and area closures in effect.

* Berry, Shasta - Trinity, Cal Fire. Thirty-one miles southeast of Redding, CA. Medium logging slash and brush. Moderate fire behavior with short-range spotting and uphill runs.
* Skeleton, Mendocino NF. Three miles east of Pillsbury, CA. Timber and brush. Moderate fire behavior with running and isolated torching.
* Buck, Shasta - Trinity NF. Twelve miles southwest of Platina, CA. Timber. Active fire behavior. Structures threatened. Last report unless significant activity occurs.

| 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 |  |  |  |
| Helena | CA-SHF | 21,063 | 0 | 53 | Comp | 10/1 | 700 | -122 | 13 | 32 | 7 | 133 | 20.9M | FS |
| Salmon August Complex | CA-KNF | 65,098 | -265 | 30 | Comp | 10/20 | 1,131 | -232 | 32 | 20 | 6 | 1 | 28.5M | FS |
| Orleans Complex | CA-SRF | 26,749 | 0 | 52 | Comp | 10/12 | 395 | -57 | 5 | 21 | 5 | 0 | 35.2M | FS |
| $\begin{aligned} & \text { CA-KNF- } \\ & 006098 \\ & \text { Complex } \end{aligned}$ | CA-KNF | 96,684 | 155 | 25 | Comp | 10/10 | 378 | 0 | 4 | 18 | 3 | 0 | 36.3M | FS |
| * Berry | CA-SHU | 150 | --- | 0 | Ctn | 9/18 | 217 | --- | 12 | 6 | 0 | 0 | 100K | ST |
| * Skeleton | CA-MNF | 200 | --- | 0 | Ctn | 9/30 | 0 | --- | 0 | 0 | 0 | 0 | 100K | FS |
| * Buck | CA-SHF | 100 | --- | 0 | Comp | 10/15 | 15 | --- | 0 | 2 | 1 | 0 | 50K | FS |

## Southern California Area (PL 3)

| New fires: | 10 |
| :--- | :---: |
| New large incidents: | 0 |
| Uncontained large fires: | 2 |
| Type 1 IMTs Committed | 1 |
| Type 2 IMTs Committed | 1 |

Pier, Sequoia NF. IMT 1 (Minton). Seven miles east of Springville, CA. Timber and brush. Moderate fire behavior with backing, smoldering 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 today. Forty miles northeast of Chowchilla, CA. Timber and logging slash. Minimal fire behavior. Evacuations, road, trail and area closures in effect.

| 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 |  |  |  |
| Pier | CA-SQF | 30,571 | 181 | 60 | Ctn | 9/20 | 1,493 | -90 | 29 | 94 | 8 | 2 | 30.9M | FS |
| Railroad | CA-SNF | 12,407 | 0 | 92 | Ctn | 9/15 | 463 | -73 | 6 | 20 | 2 | 17 | 20.1M | FS |
| Mission | CA-MMU | 1,035 | 0 | 100 | Ctn | --- | 90 | -200 | 2 | 0 | 0 | 7 | 13.8M | ST |

CA-MMU - Merced - Mariposa Unit, Cal Fire

## Great Basin Area (PL 3)

New fires:
New large incidents:
Uncontained large fires:
NIMOs Committed:

29
2
4
2

Cottonwood, Elko District Office, BLM. Five miles south of Crescent Valley, NV. Timber, brush and tall grass. Extreme fire behavior with group torching and running. Structures and sage-grouse habitat threatened.

* Point, Richfield Field Office, BLM. Eleven miles west of Cove Fort, UT. Short grass. Active fire behavior.

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

Tank Hollow, Uinta/Wasatch-Cache NF. Eight miles northwest of Tucker, UT. Timber, brush and short grass. Moderate fire behavior. Structures threatened. Road, trail and area closures in effect.

Bearskin, Boise NF. NIMO (Hahnenberg). Twenty-one miles northeast of Lowman, ID. Timber. Moderate fire behavior with backing and creeping. Area closures in effect.

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

| Incident Name | Unit | Size |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc <br> Lost | $\begin{aligned} & \text { \$\$ } \\ & \text { CTD } \end{aligned}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Cottonwood | NV-EKD | 9,000 | 8,500 | 10 | Ctn | 9/15 | 223 | 206 | 8 | 7 | 3 | 0 | 15K | BLM |
| * Point | UT-RID | 800 | --- | 25 | Ctn | 9/14 | 31 | --- | 0 | 7 | 0 | 0 | 45K | BLM |
| Highline | ID-PAF | 83,630 | 0 | 0 | Comp | 10/15 | 79 | -4 | 1 | 0 | 1 | 0 | 2.4 M | FS |
| Tank Hollow | UT-UWF | 11,067 | 0 | 78 | Ctn | 10/15 | 121 | 0 | 1 | 5 | 2 | 0 | 7.5M | FS |
| Bearskin | ID-BOF | 30,075 | 975 | 5 | Comp | 10/15 | 151 | 3 | 4 | 5 | 0 | 0 | 2.2M | FS |
| Pole Creek | WY-BTF | 3,650 | 146 | 55 | Ctn | 9/29 | 80 | -1 | 1 | 6 | 1 | 0 | 8.9M | FS |
| * Edna | NV-WID | 502 | --- | 100 | Ctn | --- | 14 | --- | 0 | 3 | 0 | 0 | 100K | BLM |

NV-WID - Winnemucca District Office, BLM

## Southern Area (PL 4)

New fires:
New large incidents:
Uncontained large fires:
Type 2 IMTs Committed

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 | --- | 329 | -31 | 1 | 59 | 0 | 0 | NR | ST |

Rocky Mountain Area (PL 2)

| New fires: | 14 |
| :--- | :---: |
| New large incidents: | 0 |
| Uncontained large fires: | 2 |
| Type 2 IMTs Committed | 1 |

Rankin, Wind Cave NP. IMT 2 (Greer). Seven miles east of Pringle, SD. Timber and grass. Active fire behavior with wind-driven runs. Road and trail closures in effect.

Pine Tree, Moffat County. Transfer of command from IMT 2 (Greer) back to the local unit occurred yesterday. Ten miles south of Maybell, CO. Timber and brush. Minimal fire behavior. Structures and sage-grouse habitat threatened. Precipitation occurred over the fire area yesterday.

| 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 |  |  |  |
| Rankin | SD-WCP | 1,000 | 240 | 0 | Ctn | 09/23 | 127 | 60 | 6 | 5 | 1 | 0 | 500K | NPS |
| Pine Tree | CO-MFX | 4,735 | 0 | 91 | Ctn | 09/15 | 71 | -24 | 2 | 6 | 1 | 0 | 520 K | CNTY |
| Deep Creek | CO-RTX | 4,112 | 0 | 100 | Ctn | -- | 159 | -35 | 1 | 10 | 2 | 0 | 2M | CNTY |

CO-RTX - Routt County

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 | 1 | 2 | 0 | 0 | 10 | 5 | 18 |
|  | ACRES | 1 | 0 | 0 | 0 | 127 | 513 | 641 |
| Northern California Area | FIRES | 1 | 2 | 0 | 0 | 45 | 31 | 79 |
|  | ACRES | 0 | 0 | 0 | 0 | 143 | 229 | 372 |
| Southern California Area | FIRES | 0 | 0 | 0 | 0 | 5 | 5 | 10 |
|  | ACRES | 0 | 0 | 0 | 0 | 10 | 0 | 10 |
| Northern Rockies Area | FIRES | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
|  | ACRES | 808 | 0 | 0 | 0 | 103 | 24,224 | 25,135 |
| Great Basin Area | FIRES | 0 | 18 | 0 | 0 | 5 | 6 | 29 |
|  | ACRES | 0 | 9,840 | 0 | 0 | 2 | 1,041 | 10,883 |
| Southwest Area | FIRES | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
|  | ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rocky Mountain Area | FIRES | 1 | 6 | 0 | 0 | 5 | 2 | 14 |
|  | ACRES | 25 | 17 | 0 | 0 | 23 | 11 | 76 |
| Eastern Area | FIRES | 0 | 0 | 0 | 0 | 4 | 0 | 4 |
|  | ACRES | 0 | 0 | 0 | 0 | 22 | 0 | 22 |
| Southern Area | FIRES | 0 | 0 | 0 | 0 | 3 | 0 | 3 |
|  | ACRES | 0 | 0 | 0 | 0 | 9 | 0 | 9 |
| TOTAL FIRES: |  | 3 | 29 | 0 | 0 | 79 | 49 | 160 |
| TOTAL ACRES: |  | 834 | 9,857 | 0 | 0 | 439 | 26,018 | 37,148 |

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 | 180 | 228 | 30 | 28 | 1,385 | 1,218 | $\mathbf{3 , 0 6 9}$ |
|  | ACRES | 11,910 | 212,396 | 20,980 | 5,358 | 26,237 | 477,457 | $\mathbf{7 5 4 , 3 3 8}$ |
| Northern California Area | FIRES | 74 | 73 | 5 | 13 | 2,387 | 843 | $\mathbf{3 , 3 9 5}$ |
|  | ACRES | 116 | 39,891 | 70 | 37 | 34,662 | 320,735 | $\mathbf{3 9 5 , 5 1 1}$ |
| Southern California Area | FIRES | 161 | 66 | 2 | 42 | 2,557 | 428 | $\mathbf{3 , 2 5 6}$ |
|  | ACRES | 640 | 36,524 | 0 | 10,874 | 214,058 | 89,408 | $\mathbf{3 5 1 , 5 0 4}$ |
| Northern Rockies Area | FIRES | 644 | 102 | 19 | 29 | 1,423 | 664 | $\mathbf{2 , 8 8 1}$ |
|  | ACRES | 55,968 | 358,073 | 1,199 | 18,011 | 278,411 | 663,672 | $\mathbf{1 , 3 7 5 , 3 3 4}$ |
| Great Basin Area | FIRES | 34 | 965 | 4 | 37 | 2,428 | 422 | $\mathbf{3 , 8 9 0}$ |
|  | ACRES | 56,328 | $1,233,555$ | 2 | 38 | 468,435 | 216,828 | $\mathbf{1 , 9 7 5 , 1 8 6}$ |
| Southwest Area | FIRES | 692 | 226 | 17 | 42 | 688 | 881 | $\mathbf{2 , 5 4 6}$ |
|  | ACRES | 45,894 | 23,368 | 886 | 1,389 | 114,019 | 355,535 | $\mathbf{5 4 1 , 0 9 1}$ |
| Rocky Mountain Area | FIRES | 704 | 328 | 8 | 23 | 964 | 371 | $\mathbf{2 , 3 9 8}$ |
|  | ACRES | 9,887 | 48,279 | 354 | 259 | 562,242 | 13,359 | $\mathbf{6 3 4 , 3 8 0}$ |
| Eastern Area | FIRES | 343 | 0 | 13 | 14 | 3,343 | 293 | $\mathbf{4 , 0 0 6}$ |
|  | ACRES | 696 | 0 | 19 | 129 | 17,018 | 3,108 | $\mathbf{2 0 , 9 7 0}$ |
| TOTAL FIRES: | FIRES | 257 | 471 | 47 | 27 | 21,648 | 362 | $\mathbf{2 2 , 8 1 2}$ |
| TOTAL ACRES: | ACRES | 60,252 | 6,536 | 154,024 | 54,654 | $1,341,288$ | 25,537 | $\mathbf{1 , 6 4 2 , \mathbf { 2 9 1 }}$ |


| Ten Year Average Fires (2007 - 2016 as of today) | 51,932 |
| :--- | :---: |
| Ten Year Average Acres (2007 - 2016 as of today) | $5,669,673$ |

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 | 0 | $\mathbf{0}$ |
|  | ACRES | 0 | 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 | 9 | 0 | $\mathbf{9}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 11 | 0 | $\mathbf{1 1}$ |
| TOTAL FIRES: |  | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{9}$ | $\mathbf{0}$ | $\mathbf{9}$ |
|  |  | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{1 1}$ | $\mathbf{0}$ | $\mathbf{1 1}$ |

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 | 79 | 94 | $\mathbf{2 7 7}$ |
|  | 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 | 1,200 | 179 | $\mathbf{1 , 6 2 1}$ |
|  | ACRES | 26,679 | 0 | 26,117 | 6,148 | 97,982 | 64,962 | $\mathbf{2 2 1 , 8 8 8}$ |
| Southern Area | FIRES | 48 | 0 | 123 | 28 | 63,964 | 691 | $\mathbf{6 4 , 8 5 4}$ |
|  | ACRES | 6,894 | 0 | 94,960 | 133,644 | $1,514,765$ | 630,154 | $\mathbf{2 , 3 8 0 , 4 1 7}$ |
| TOTAL FIRES: |  | $\mathbf{1 6 0}$ | $\mathbf{1 1 7}$ | $\mathbf{3 9 5}$ | $\mathbf{9 2}$ | $\mathbf{6 5 , 2 9 8}$ | $\mathbf{1 , 5 3 0}$ | $\mathbf{6 7 , 5 9 2}$ |
| TOTAL ACRES: | $\mathbf{4 0 , 6 8 4}$ | $\mathbf{5 7 , 3 3 4}$ | $\mathbf{1 6 9 , 4 2 1}$ | $\mathbf{1 4 5 , 3 9 6}$ | $\mathbf{1 , 6 8 8 , 2 9 8}$ | $\mathbf{8 3 9 , 8 9 0}$ | $\mathbf{2 , 9 4 1 , 0 2 3}$ |  |

*** 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 <br> YESTERDAY | HECTARES <br> YESTERDAY | FIRES YEAR- <br> TO-DATE | HECTARES <br> YEAR-TO-DATE |
| :---: | :---: | :---: | :---: | :---: |
| BRITISH COLUMBIA | 1 | 246 | 1,241 | $1,179,893$ |
| YUKON TERRITORY | 0 | 0 | 115 | 330,326 |
| ALBERTA | 0 | 0 | 1,144 | 45,399 |
| NORTHWEST TERRITORY | 0 | 0 | 249 | $1,028,390$ |
| SASKATCHEWAN | 1 | 0 | 327 | 366,168 |
| MANITOBA | 5 | 1,748 | 525 | 169,427 |
| ONTARIO | 4 | 14 | 728 | 92,873 |
| QUEBEC | 0 | 0 | 281 | 34,020 |
| NEWFOUNDLAND | 0 | 0 | 67 | 696 |
| NEW BRUNSWICK | 0 | 0 | 187 | 113 |
| NOVA SCOTIA | 0 | 0 | 162 | 725 |
| PRINCE EDWARD ISLAND | 3 | 0 | 4 | 7 |
| NATIONAL PARKS | 14 | 2,008 | 5,193 | $3,348,771$ |
| TOTALS |  |  | 163 | 100,733 |

* 1 Hectare $=2.47$ Acres

Predictive Services Discussion: The upper level trough in the southern Gulf of Alaska will move southeast into the Pacific Northwest as a weakening disturbance over California moves northeast into the Great Basin. Widespread shower activity along with embedded thunderstorms is expected across the Great Basin, eastern Pacific Northwest, and the Northern Rockies...especially in the Northern Rockies. Substantially cooler temperatures will accompany this system as it moves inland overnight. By Friday, temperatures will be 10-15 degrees below normal. This is an unusually cold system. Elsewhere across the West, breezy southwesterly flow will continue across the Four Corners. Pockets of lower humidities will lead to borderline critical conditions in some locations.
http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm

HEAT DISORDERS
Firefighter Health \& First Aid

Heat becomes a problem when humidity, air temperature, and radiant heat combine with hard work to raise body temperature beyond safe limits. Sweat is your main defense. Everyone on the fireline must understand the importance of drinking water often.

- Heat disorders are a group of illnesses caused by prolonged exposure to hot temperatures, restricted fluid intake, or failure of the body's ability to regulate its temperature. The general term used for heat disorders is hyperthermia (pronounced hi-per-THUR-mee-uh). The three most common forms of hyperthermia are
- Heat cramps
- Heat exhaustion
- Heat stroke
- Heat cramps are the least serious form of hyperthermia. They are the first sign that the body is having difficulty with increased temperature. Heat cramps are a warning sign that more serious problems may soon develop.
- Heat exhaustion is more serious than heat cramps. Heat exhaustion results when the body produces more heat that it can dissipate. Or the body may become dehydrated, or its temperature regulation system may begin to fail. Heat exhaustion is characterized by:
- Weakness
- Extreme fatigue
- Nausea
- Headaches
- Wet, clammy skin Urine dark yellow or orange

Mental confusion may develop (This is a serious trigger point of the onset of Heat stroke).

- The first steps in treating any form of hyperthermia include:
- Moving the patient to a cooler location.
- Providing the patient with cool water.
- Giving the patient liquids that contain electrolytes.

Electrolytes are chemicals that occur naturally in the body and that maintain the proper balance of fluids in the body. The usual liquids given a patient are sports drink such as Gatorade.

Heat exhaustion results when the body produces more heat than it can dissipate. Inadequate fluid intake is a major contributing factor. Treat heat exhaustion by resting in a cool environment, by removing clothing so that one's sweat can evaporate, and by replacing fluids and electrolytes.

Prompt treatment of heat cramps and heat exhaustion is usually successful. Patients recover in a matter of hours or, at most, a day or two. Heat stroke poses more serious problems.

- Heat stroke is a medical emergency. Heat stroke is caused by failure of the body's heat controls. Sweating stops and the body temperature rises. Brain damage and death may result if treatment is delayed. Begin rapid cooling with ice or cold water, fanning the victim to promote evaporation. For rapid cooling, partially submerge the victim's body in cool water. Treat for shock if necessary. Provide oxygen if it is available. Whereas heat cramps and heat exhaustion may be treated locally, heat stroke patients should be medivaced off the line ASAP, by air if possible, as their condition may worsen suddenly. (Was repetitive)
- Although classic teaching describes a heat stroke patient as "hot and dry", recent studies have shown that over $50 \%$ of heat stroke patients are sweating heavily. Typically, on the fireline we do not have medical thermometers. Therefore, the hallmark of heat stroke is altered mental status. You should suspect heat stroke if a firefighter is hot, fatigued, and shows some altered mental status, such as inability to remember the day or the current situation. They may ask, "Where am I?"
- Heat stroke is characterized by:
- Hot, often dry skin
- Body temperature above 105.8 degrees Fahrenheit
- Mental confusion
- Loss of consciousness, convulsions, or even coma
- Heat stroke is a medical emergency. Brain damage and death may result if treatment is delayed. Begin rapid cooling with ice or cold water, fanning the victim to promote evaporation. For rapid cooling, partially submerge the victim's body in cool water. Treat for shock if necessary. Provide oxygen if it is available. Whereas heat cramps and heat exhaustion may be treated locally, heat stroke patients should be medivaced off the line ASAP, by air if possible, as their condition may worsen suddenly.
- You can prevent the serious consequences of heat disorders by improving your level of fitness and becoming acclimated to the heat. Maintaining a high level of aerobic fitness is one of the best ways to protect against heat stress. The fit worker has a welldeveloped circulatory system and increased blood volume. Both are important to regulate body temperature. Fit workers start to sweat sooner, so they work with a lower heart rate and body temperature. They adjust to the heat twice as fast as the unfit worker.

References:
Interagency Standards for Fire and Fire Aviation Operations
Fitness and Work Capacity--Second Edition
http://www.faqs.org/health/Sick-V2/Heat-Disorders.html

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

