Coffee Brief
Date: June 29, 2022

Preparedness Levels & Alaska Fire Activity

<table>
<thead>
<tr>
<th>Alaska</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2</td>
</tr>
</tbody>
</table>

New fires and Acres: 2 fires for less than 1 acre

There are currently 15 staffed fires. Yesterday’s large fire growth was ~124,093 acres.

Source: National and AICC Situation Report

Resources

<table>
<thead>
<tr>
<th>Resources</th>
<th>Alaska</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aviational</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Fixed Wing, Single Engine</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Fixed Wing, Lead plane</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Fixed Wing, Passenger</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Fixed Wing, Smokejumper</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Helicopter, Type 2 Restricted</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Helicopter, Type 2 Standard</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Helicopter, Type 3 Standard</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>H-48, Type 1 or 2</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Crews Committed within Alaska

<table>
<thead>
<tr>
<th>Type</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total IMTs</td>
<td>10</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

Crew Movement

- Bakers River IHC to Poorman Complex
- Central Oregon 2 and Rogue River to Clear
- NFW or MAF #1 to Minto Lakes
- WIF Middle Fork to Mat-Su Preposition
- Vale off #320, head to Poorman Complex 6/30
- Chena IHC to Snohomish

OVERHEAD/TEAMS:

- AK Green T2 IMT - in brief at the Lime Complex tomorrow. Shadow 6/29, transfer command 6/30
- AK Black T2 IMT – travel 7/1
- Reassigned NR- T2 - Almas - IMT: to Minto Lakes to provide oversight before the T1 - McGowan arrives
- T3 IMT - ID 1 - filled on TAD Zone - Snohomish fire.
- Preposition IMT - generated a T2 IMT order for a team to preposition in ANC – needed date 7/1

MISCELLANEOUS:

Healy Lake #386 Contained and controlled, smokejumpers demobilized

Allen #348 Plan to demobilize remaining smokejumpers today

East Fork #14D All containment and confinement objectives met

Weather Summary

High pressure over Canada has backed off just enough to allow a short wave to move through northern Alaska. This wave will help to feed the chance for wet thunderstorms along the eastern Brooks Range and decrease temperatures in the Interior by a few degrees. Significant moisture is not expected to get as far south as any active fires. At the same time, temperatures in South Central and inland Southwest will be on the rise today, with more 80s starting to show up in those areas.

Today expect to see the high pressure over Canada build back westward again, and even stronger on Thursday. This means 80-degree temperatures will be back in force, and on Thursday even 70s are expected in coastal areas of the west. The term “baked Alaska” will apply to most of the state.

The area of thunderstorm coverage will be increasing, with an active lightning day in Copper River Basin, southeastern Interior, and South Central today, including the Susitna Valley down onto the Kenai Peninsula. By Thursday, strikes will be well into Southwest Alaska as well. In the interior, most activity will be confined to the ALCAN border. Though these storms are likely to be damp, fuels are extremely dry and will be the main driver in new ignitions.

On Friday, another low in the Bering Sea will attempt to push moisture into the West Coast. Strong southerly winds will be likely across the western third of Alaska once again, though some rain will make it into coastal areas. It’s unlikely that much moisture will get far enough inland to impact fires. Depending on this system, the winds over the state may cause Chinook winds through the western Alaska Range, which could impact many large fires.

Smoke from fires continues to be a challenge both for healthy living and operations as visibility decreases. At this time, most of the smoke is affecting a diver of western Alaska and much of the central and northeastern Interior. Today smoke will move into South Central and Copper River Basin. The worst conditions will remain north and west of the Alaska Range.

Surface fuels continue to respond to the warmer and drier weather. FFMC values are highest across the eastern Interior and Copper River. FFMCs are holding relatively steady in the Mat-Su and on the Kenai Peninsula. Expect FFMCs to remain elevated across much of the state in the coming days. Southwest Alaska is still experiencing growth on existing fires due to dryness of live fuels, which is not captured in FFMC.

Surface drying is the main driver of fire spread. The Duff Moisture Code (DMC), which is the main component of the Buildup Index (BUI) this time of year, is at extremely dry levels across areas of the Interior, Southwest and South Central. The footprints of extreme values is increasing daily given current weather. The dry duff layers increase fireline intensity and resistance to control, requiring more time and effort to manage. South Central currently does not have large fires, but fuels are conducive to support smoke-driven fire spread with any new ignitions.

Bills are increasing across greater areas of Alaska and continue to support large fire growth across the state.
When encountering a mismatch between a point value based on actual weather observations and the background grid, please discount the grid and go with the points.

Source: Alaska 7-Day Outlook

An Updated Fuels and Fire Behavior Advisory was Issued Yesterday

Click on the following images for direct links to the maps.

For additional fuels information visit https://akff.mesowest.org/

Source: AICC Predictive Services – Fuels/Fire Danger web page, Alaska Fire & Fuels web page

Prioritized Incident Details

1. Initial Attack
   - Clear: 346 [FAS] IMT2 Lawson currently has 2 subdivision evacuations taking place
   - Mixto Lakes 346
   - Lime Complex (SWS) IMT2 Sanford (fires 189, 190, 197, 205, 206, 207, 216, 239, 242, 245, 247, 273)
   - Bean Complex (TAD) IMT2 Lefevre (fires 310, 312, 315, 327, 343, 366)
   - Poomen Complex (GAD) (fires 352, 369, 335)
   - Snohomish (TAD) (fires 185, 225)

Source: AMAC Incident Prioritization List, ICS-209s

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The Coffee Brief is posted at PLs 4 and 5 only.