# National Interagency Coordination Center <br> Incident Management Situation Report <br> Tuesday, June 15, 2021- 0730 MDT <br> National Preparedness Level 3 

## National Fire Activity:

Initial attack activity:
New large incidents:
Large fires contained:
Uncontained large fires: ***
Area Command teams committed:
NIMOs committed:
Type 1 IMTs committed:
Type 2 IMTs committed:

Light (104 fires)
5220

0
0
1
6

Nationally, there are 6 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.

| Active Incident Resource Summary |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GACC | Incidents | Cumulative <br> Acres | Crews | Engines | Helicopters | Total <br> Personnel | Change in <br> Personnel |
| AICC | 4 | 96 | 8 | 1 | 5 | 213 | 139 |
| NWCC | 3 | 9,284 | 0 | 3 | 0 | 19 | 0 |
| ONCC | 0 | 939 | 0 | 0 | 0 | 0 | 0 |
| OSCC | 1 | 400 | 12 | 32 | 1 | 386 | 14 |
| NRCC | 2 | 480 | 2 | 2 | 3 | 91 | 42 |
| GBCC | 11 | 57,523 | 40 | 88 | 30 | 1,644 | 81 |
| SWCC | 13 | 272,732 | 58 | 130 | 33 | 2,433 | -8 |
| RMCC | 1 | 1,360 | 7 | 10 | 3 | 348 | -9 |
| EACC | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SACC | 5 | 2,683 | 0 | 5 | 0 | 28 | -13 |
| Total | $\mathbf{4 0}$ | $\mathbf{3 4 5 , 4 9 7}$ | $\mathbf{1 2 7}$ | $\mathbf{2 7 1}$ | $\mathbf{7 5}$ | $\mathbf{5 , 1 6 2}$ | $\mathbf{2 4 6}$ |

Southwest Area (PL 4)

| New fires: | 8 |
| :--- | :--- |
| New large incidents: | 1 |
| Uncontained large fires: | 9 |
| Type 1 IMTs committed: | 1 |
| Type 2 IMTs committed: | 2 |

Telegraph, Tonto NF, USFS. IMT 1 (SW Team 2). Two miles southeast of Superior, AZ. Timber and brush. Extreme fire behavior with crowning, uphill runs and torching. Numerous structures threatened. Evacuations, area, road and trail closures in effect.

Pinnacle, Coronado NF, USFS. IMT 2 (SW Team 3). Eighteen miles south of Bylas, AZ. Timber and brush. Active fire behavior with wind-driven runs, running and spotting. Evacuations, area, road and trail closures in effect.

Cornville, Northwest District, Arizona DOF. Twelve miles southwest of Sedona, AZ. Short grass, brush and chaparral. No new information.

Rincon, Sante Fe NF, USFS. IMT 2 (SW Team 4). Twenty-five miles northwest of Las Vegas, NM. Timber. No new information.

Slate, Coconino NF, USFS. Twenty-three miles northwest of Flagstaff, AZ. Chaparral and timber. Extreme fire behavior with group torching, short crown runs and short-range spotting. Road closures in effect.

Shamrock, Coronado NF, USFS. Eleven miles northeast of Nogales, AZ. Grass and brush. Minimal fire behavior.

Mescal, Gila District Office, BLM. Twelve miles northeast of Hayden, AZ. Grass and brush. Minimal fire behavior with flanking, backing and smoldering. Structures threatened. Evacuations, area and road closures in effect.

Cemetery, Bernalillo District, New Mexico DOF. Two miles northeast of Bosque, NM. Brush, short grass and timber. Moderate fire behavior with isolated torching, creeping and smoldering.

* Gravel, San Carlos Agency, BIA. Twelve miles south of San Carlos, AZ. Short grass, brush and chaparral. Moderate fire behavior with uphill runs, flanking and backing. Community of Soda Canyon threatened.
Residences threatened. Area closures in effect.
Johnson, Gila NF, USFS. Twenty miles north of Silver City, NM. Timber and grass. Moderate fire behavior with creeping, flanking and backing. Area, road and trail closures in effect. Last narrative report unless significant activity occurs.

| Incident Name | Unit | Si |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc <br> Lost | $\begin{gathered} \$ \$ \\ \text { CTD } \end{gathered}$ | Origin Own |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Acres | Chge |  |  |  | Total | Chge | Crw | Eng | Heli |  |  |  |
| Telegraph | AZ-TNF | 104,755 | 16,166 | 68 | Ctn | 6/30 | 1,008 | 37 | 25 | 55 | 9 | 0 | 16.4M | FS |
| Pinnacle | AZ-CNF | 13,054 | 3,143 | 0 | Ctn | 6/21 | 264 | 34 | 4 | 14 | 5 | 0 | 1.7M | FS |
| Cornville | AZ-A5S | 1,200 | --- | 0 | Ctn | 6/24 | 149 | --- | 2 | 19 | 1 | 1 | 1M | ST |
| Rincon | NM-SNF | 500 | --- | 0 | Ctn | 7/2 | 113 | --- | 5 | 0 | 3 | 0 | 250K | FS |
| Slate | AZ-COF | 10,677 | 2,177 | 33 | Ctn | 6/25 | 188 | 2 | 5 | 9 | 1 | 0 | 1.2M | FS |
| Shamrock | AZ-CNF | 1,104 | 0 | 95 | Ctn | 6/15 | 120 | -53 | 2 | 4 | 2 | 0 | 2.4 M | FS |
| Mescal | AZ-GID | 72,250 | 0 | 88 | Ctn | 6/30 | 181 | -104 | 2 | 10 | 7 | 0 | 12M | BLM |
| Cemetery | NM-N6S | 320 | 0 | 40 | Ctn | 6/16 | 67 | 17 | 4 | 6 | 0 | 3 | 100K | ST |
| * Gravel | AZ-SCA | 830 | --- | 50 | Ctn | 6/15 | 0 | --- | 0 | 0 | 0 | 0 | NR | BIA |

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

| Johnson | NM-GNF | 65,289 | 1,738 | 11 | Comp | $7 / 15$ | 138 | -12 | 4 | 5 | 3 | 0 | $3.9 M$ | FS |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Poso | NM-CAF | 1,750 | 150 | 22 | Comp | $6 / 24$ | 134 | 1 | 3 | 5 | 1 | 0 | 870 K | FS |
| Hobo | AZ-ASF | 600 | 200 | 0 | Comp | $8 / 8$ | 20 | 0 | 1 | 0 | 0 | 0 | 40 K | FS |
| Drummond | NM-GNF | 501 | 151 | 10 | Comp | $8 / 13$ | 48 | -78 | 1 | 3 | 0 | 0 | $996 K$ | FS |

CAF - Carson NF, USFS ASF - Apache-Sitgreaves NF, USFS

## Great Basin Area (PL 3)

| New fires: | 17 |
| :--- | ---: |
| New large incidents: | 2 |
| Uncontained large fires: | 7 |
| Type 2 IMTs committed: | 2 |

Pack Creek, Manti-La Sal NF, USFS. IMT 2 (GB Team 4). Fourteen miles southeast of Moab, UT. Timber and brush. Active fire behavior with group torching, single tree torching and backing. Structures threatened. Evacuations, area and road closures in effect.

Bear, Vernal Field Office, BLM. IMT 2 (CA Team 10). IMT is also managing the Bennion Creek fire. Three miles northwest of Heber, UT. Timber, grass and brush. Active fire behavior with isolated torching and backing. Community of Helper, UT threatened. Structures and energy infrastructure threatened. Road closures in effect.

Bennion Creek, Manti-La Sal NF, USFS. Twenty-three miles northwest of Helper, UT. Brush, chaparral and timber. Active fire behavior with wind-driven runs, group torching and spotting. Structures and energy infrastructure threatened. Area, road and trail closures in effect.

Sandy Valley, Southern Nevada District, BLM. Ten miles southwest of Las Vegas, NV. Brush. Minimal fire behavior with smoldering and isolated torching.

* Cottonwood Valley, Southern Nevada District, BLM. Eight miles west of Las Vegas, NV. Brush and grass. Extreme fire behavior with running and torching.
* Cold Creek, Power County. Five miles south of American Falls, ID. Brush. Active fire behavior. Structures, energy infrastructure and communication infrastructure threatened.

Mammoth, Dixie NF, USFS. Twenty miles southwest of Panguitch, UT. Timber. Minimal fire behavior. Area, road and trail 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 |  |  |  |
| Pack Creek | UT-MLF | 8,243 | 2,819 | 16 | Ctn | 7/10 | 426 | 83 | 9 | 21 | 11 | 10 | 2.6M | FS |
| Bear | UT-VLD | 10,526 | 0 | 14 | Ctn | 6/30 | 394 | 28 | 9 | 20 | 8 | 0 | 3.3M | BLM |
| Bennion Creek | UT-MLF | 7,724 | 524 | 10 | Ctn | 7/10 | 286 | 20 | 9 | 7 | 5 | 0 | 1.9M | FS |
| Sandy Valley | NV-SND | 1,380 | 0 | 92 | Ctn | 6/17 | 7 | -123 | 0 | 2 | 0 | 0 | 785M | BLM |
| * Cottonwood Valley | NV-SND | 400 | --- | 20 | Ctn | 6/17 | 142 | --- | 4 | 8 | 2 | 0 | 150K | BLM |
| * Cold Creek | ID-2PN | 600 | --- | 0 | Ctn | 6/16 | 66 | --- | 0 | 12 | 0 | 2 | 200K | CNTY |
| Mammoth | UT-DIF | 709 | 0 | 95 | Ctn | 6/20 | 69 | -102 | 1 | 2 | 0 | 0 | 4M | FS |

New large incidents: 0
Uncontained large fires: 1
Type 2 IMTs committed: 1
Robinson, High Plains District, BLM. IMT 2 (RM Team Blue). Twenty-three miles southwest of Buffalo, WY. Timber. Moderate fire behavior with flanking, backing and short-range spotting. Residences threatened.

| 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 |  |  |  |
| Robinson | WY-HPD | 1,038 | 341 | 29 | Ctn | 6/30 | 348 | 57 | 7 | 10 | 3 | 0 | 1.9M | BLM |

## Northern Rockies Area (PL 1)

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

* Robertson Draw, Custer Gallatin NF, USFS. IMT 2 (NR Team 4) mobilizing. Seven miles south of Red Lodge, MT. Timber. Extreme fire behavior with crowning, running and torching. Residences threatened.

| 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 |  |  |  |
| * Robertson Draw | MT-CGF | 150 | --- | 0 | Ctn | 6/25 | 42 | --- | 1 | 1 | 3 | 0 | 100K | FS |

## Southern California Area (PL 2)

| New fires: | 15 |
| :--- | :---: |
| New large incidents: | 0 |
| Uncontained large fires: | 1 |

Flats, San Bernardino NF, USFS. Ten miles southwest of La Quinta, CA. Chaparral and short grass. Active fire behavior with smoldering. Numerous residences threatened. Area and trail 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 |  |  |  |
| Flats | CA-BDF | 400 | 0 | 60 | Ctn | 6/20 | 386 | 14 | 12 | 32 | 1 | 2 | 1.5M | FS |

## Alaska Area (PL 2)

New fires:
5
New large incidents:
1
Uncontained large fires:
1

* Dry Creek, Tanana Zone, BLM. Started on Native Corporation land six miles south of Manley Hot Springs, AK. Timber. Moderate fire behavior.

| 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 |  |  |  |
| * Dry Creek | AK-TAD | 600 | --- | 0 | Ctn | UNK | 0 | --- | 0 | 0 | 0 | 0 | NR | TRI |

## Southern Area (PL 1)

New fires:
New large incidents:
Uncontained large fires:

5
0
0

| Incident Name | Unit | Size |  | \% | Ctn/ Comp | Est | Personnel |  | Resources |  |  | Strc | $\$ \$$ | 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

| Windmill | FL-BCP | 1,065 | 0 | 30 | Comp | $6 / 15$ | 29 | 18 | 0 | 3 | 0 | 0 | 6 K | NPS |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Airplane | FL-BCP | 983 | --- | 20 | Comp | UNK | 39 | --- | 0 | 3 | 3 | 0 | 398 K | NPS |
| Possum Camp <br> Rd | FL-FLS | 1,675 | 0 | 100 | Comp | -- | 12 | -11 | 0 | 1 | 0 | 0 | 40 K | ST |
| Weeping Willow <br> 2 | FL-FLS | 550 | 0 | 100 | Comp | --- | 1 | -2 | 0 | 1 | 0 | 0 | 3 K | ST |

BCP - Big Cypress National Preserve, NPS FLS - Florida Forest Service

Fires and Acres Yesterday (by Protection):

| Area |  | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alaska Area | FIRES | 0 | 3 | 0 | 0 | 2 | 0 | $\mathbf{5}$ |
|  | ACRES | 0 | 41 | 0 | 0 | 107 | 0 | $\mathbf{1 4 8}$ |
| Northwest Area | FIRES | 1 | 1 | 0 | 0 | 2 | 0 | $\mathbf{4}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 60 | 0 | $\mathbf{6 0}$ |
| Northern California Area | FIRES | 2 | 0 | 0 | 0 | 23 | 1 | $\mathbf{2 6}$ |
|  | ACRES | 0.6 | 0 | 0 | 0 | 141 | 0 | $\mathbf{1 4 2}$ |
| Southern California Area | FIRES | 0 | 0 | 1 | 0 | 14 | 0 | $\mathbf{1 5}$ |
|  | ACRES | 0 | 0 | 175 | 0 | 196 | 150 | $\mathbf{5 2 1}$ |
| Northern Rockies Area | FIRES | 0 | 0 | 0 | 0 | 3 | 1 | $\mathbf{4}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 25 | 0 | $\mathbf{2 5}$ |
| Great Basin Area | FIRES | 0 | 3 | 0 | 1 | 10 | 3 | $\mathbf{1 7}$ |
|  | ACRES | 0 | 428 | 0 | 0 | 6,767 | 4 | $\mathbf{7 , 1 9 9}$ |
| Rocky Mountain Area | FIRES | 1 | 1 | 1 | 0 | 0 | 5 | $\mathbf{8}$ |
|  | ACRES | 700 | 1 | 50 | 0 | 0 | 18,784 | $\mathbf{1 9 , 5 3 5}$ |
| Eastern Area | FIRES | 0 | 1 | 0 | 0 | 4 | 1 | $\mathbf{6}$ |
|  | ACRES | 0 | 3 | 0 | 0 | 5 | 0 | $\mathbf{8}$ |
| TOTAL FIRES: | ACRES | 0 | 0 | 0 | 0 | 5 | 0 | $\mathbf{5}$ |
| TOTAL ACRES: | FIRES | 0 | 0 | 0 | 0 | 5 | 0 | $\mathbf{5}$ |
|  | ACRES | 0 | 0 | 0 | 0 | 53 | 0 | $\mathbf{5 3}$ |

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

| Area |  | BIA | BLM | FWS | NPS | ST/OT | USFS | TOTAL |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alaska Area | FIRES | 0 | 28 | 0 | 0 | 138 | 6 | $\mathbf{1 7 2}$ |
|  | ACRES | 0 | 405 | 0 | 0 | 7,154 | 3 | $\mathbf{7 , 5 6 2}$ |
| Northwest Area | FIRES | 57 | 88 | 12 | 0 | 716 | 76 | $\mathbf{9 4 9}$ |
|  | ACRES | 230 | 591 | 15 | 0 | 8,665 | 6,762 | $\mathbf{1 6 , 2 6 3}$ |
| Northern California Area | FIRES | 5 | 9 | 1 | 3 | 1,406 | 168 | $\mathbf{1 , 5 9 2}$ |
|  | ACRES | 9 | 20 | 1 | 1 | 4,498 | 270 | $\mathbf{4 , 7 9 8}$ |
| Southern California Area | FIRES | 8 | 58 | 7 | 5 | 1,782 | 196 | $\mathbf{2 , 0 5 6}$ |
|  | ACRES | 26 | 3,044 | 177 | 8 | 11,968 | 1,843 | $\mathbf{1 7 , 0 6 5}$ |
| Northern Rockies Area | FIRES | 684 | 17 | 4 | 1 | 447 | 134 | $\mathbf{1 , 2 8 7}$ |
|  | ACRES | 34,280 | 156 | 159 | 20 | 17,185 | 20,200 | $\mathbf{7 2 , 0 0 0}$ |
| Great Basin Area | FIRES | 16 | 205 | 3 | 8 | 322 | 80 | $\mathbf{6 3 4}$ |
|  | ACRES | 2,304 | 18,584 | 0 | 4 | 40,261 | 7,666 | $\mathbf{6 8 , 8 2 0}$ |
| Southwest Area | FIRES | 372 | 95 | 7 | 13 | 253 | 498 | $\mathbf{1 , 2 3 8}$ |
|  | ACRES | 17,641 | 80,713 | 135 | 3,362 | 17,262 | 211,520 | $\mathbf{3 3 0 , 6 3 2}$ |
| Rocky Mountain Area | FIRES | 85 | 71 | 4 | 8 | 195 | 79 | $\mathbf{4 4 2}$ |
|  | ACRES | 2,148 | 1,719 | 1,256 | 307 | 72,845 | 3,056 | $\mathbf{8 1 , 3 3 0}$ |
| Eastern Area | FIRES | 365 | 0 | 20 | 10 | 6,162 | 358 | $\mathbf{6 , 9 1 5}$ |
|  | ACRES | 12,341 | 0 | 13,273 | 536 | 31,203 | 15,661 | $\mathbf{7 3 , 0 1 4}$ |
| TOTAL FIRES: | FIRES | 371 | 0 | 48 | 33 | 11,641 | 354 | $\mathbf{1 2 , 4 4 7}$ |
| TOTAL ACRES: | ACRES | 28,682 | 0 | 10,344 | 8,183 | 235,367 | 27,296 | $\mathbf{3 0 9 , 8 7 3}$ |


| Ten Year Average Fires (2011 - 2020 as of today) | 23,513 |
| :--- | :---: |
| Ten Year Average Acres (2011 - 2020 as of today) | $\mathbf{1 , 4 2 3 , 7 8 3}$ |

***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 | 7 | 2 | 320 | 2,281 |
| YUKON TERRITORY | 0 | 0 | 9 | 92 |
| ALBERTA | 8 | 1 | 549 | 13,470 |
| NORTHWEST TERRITORY | 1 | 0 | 10 | 6,546 |
| SASKATCHEWAN | 0 | 0 | 154 | 12,608 |
| MANITOBA | 0 | 0 | 102 | 265,502 |
| ONTARIO | 5 | 212 | 336 | 23,765 |
| QUEBEC | 8 | 8 | 372 | 8,368 |
| NEWFOUNDLAND | 2 | 0 | 35 | 267 |
| NEW BRUNSWICK | 4 | 0 | 132 | 301 |
| NOVA SCOTIA | 0 | 0 | 93 | 181 |
| PRINCE EDWARD ISLAND | 0 | 0 | 1 | 0 |
| NATIONAL PARKS | 1 | 0 | 15 | 41 |
| TOTALS | 36 | 224 | 2,128 | 333,421 |

*1 Hectare $=2.47$ Acres
Predictive Services Discussion: Strong high pressure remains over the Four Corners with upper level ridging through the northern Rockies into Canada. An upper trough moves into the Pacific Northwest and northern Rockies today as high pressure aloft continues over the Alaska interior. Very hot, record setting temperatures are forecast for the Southwest, southern California, and into the northern Rockies. Above normal temperatures continue for a second day over interior Alaska. Breezy winds with areas of critical conditions are forecast for the southern Great Basin, Wyoming, and northern Rockies. Very low relative humidity continues in the southern Great Basin and portions of the Southwest with poor overnight recovery. Isolated dry thunderstorms are expected for the Southwest and southern Colorado while thunderstorms with some wetting rain are likely from eastern Washington into western Montana.
http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm


## Helicopter Landing <br> Zone Selection

Aviation Category

Consider the following points when selecting a landing zone for a helicopter:

- Locate a flat area that is of sufficient size for the type of helicopter you are expecting.
- Type 1 - Clear and level touchdown pad measuring 30 feet by 30 feet; safety circle measuring 110 feet in diameter.
- Type 2 - Clear and level touchdown pad measuring 20 feet by 20 feet; safety circle measuring 90 feet in diameter.
- Type 3 - Clear and level touchdown pad measuring 15 feet by 15 feet; safety circle measuring 75 feet in diameter.
- Choose an area clear of people, vehicles, and obstructions such as trees, poles, and, especially, overhead wires.
- The area must be free of stumps, brush, posts, large rocks, or anything over 18 inches high.
- Consider the wind direction. Helicopters land and take off into the wind.
- Choose an approach free of obstructions. Any obstruction you cannot eliminate should be relayed to the helicopter crew during initial radio contact.
- Remove or secure any loose items in and around the landing area such as trash, blankets, hats, or equipment.
- Wet down the landing area if dusty conditions are present.


## Resources:

Incident Response Pocket Guide, PMS 461, https://www.nwcg.gov/publications/461
NWCG Standards for Helicopter Operations, PMS 510, https://www.nwcg.gov/publications/510
Interagency Standards for Fire \& Fire Aviation Operations (Red Book), https://www.nifc.gov/policies/pol ref redbook.html

