

**National Interagency Coordination Center  
Incident Management Situation Report  
Monday, July 18, 2016 – 0530 MT  
National Preparedness Level 2**

**National Fire Activity**

Initial attack activity: Light (131 new fires)  
 New large incidents: 14  
 Large fires contained: 0  
 Uncontained large fires:\*\* 10  
 Area Command Teams Committed: 0  
 NIMOs committed: 0  
 Type 1 IMTs committed: 1  
 Type 2 IMTs committed: 5  
 \*\*Uncontained large fires include only fires being managed under a full suppression strategy.  
[Link](#) to Geographic Area daily reports.

**Rocky Mountain (PL 3)**

New fires: 7  
 New large incidents: 1  
 Uncontained large fires: 2  
 Type 1 IMTs Committed: 1  
 Type 2 IMTs Committed: 2

**Indian Canyon**, South Dakota Wildland Fire Suppression, DOF. IMT 1 (Pechota). Six miles southeast of Edgemont, SD. Timber and short grass. Extreme fire behavior with running, torching and short-range spotting. Numerous structures threatened. Evacuations and road closures in effect.

**Lava Mountain**, Shoshone NF. IMT 2 (Connell). Twenty miles northwest of Dubois, WY. Timber and heavy logging slash. Moderate fire behavior with single and group tree torching. Numerous structures threatened.

**Hayden Pass**, Pike & San Isabel NF. IMT 2 (Esperance). Twenty miles southeast of Salida, CO. Timber, heavy logging slash and chaparral. Minimal fire behavior with isolated torching and creeping. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

**Beaver Creek**, Routt NF. Previously reported incident. Twenty-four miles northwest of Walden, CO. Timber and brush. Active fire behavior with short crown runs, group torching and short-range spotting. Numerous structures threatened. Evacuations, road, area and trail closures in effect. Last report unless significant activity occurs.

**Blair**, White River Field Office, BLM. Thirty miles west of Meeker, CO. Brush and short grass. Minimal fire behavior. Last report unless significant activity occurs.

\* **Rock**, Nebraska NF. Fifteen miles southeast of Ardmore, NE. Tall grass. Minimal fire behavior.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Indian Canyon	SD-SDS	12,000	6,000	0	Ctn	7/25	222	127	0	67	0	2	300K	ST
Lava Mountain	WY-SHF	220	0	0	Comp	9/1	98	42	3	2	3	0	115K	FS
Hayden Pass	CO-PSF	16,350	146	30	Comp	10/1	908	92	21	20	7	1	4.8M	FS
Beaver Creek	CO-RTF	22,885	1,007	5	Comp	10/21	287	-27	4	24	2	6	11.1M	FS
Blair	CO-WRD	1,140	0	70	Comp	7/22	101	-7	4	2	0	0	351K	BLM

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Rock	NE-NBF	309	---	99	Ctn	7/19	3	---	0	1	0	0	10K	FS

### **Southwest Area (PL 3)**

New fires: 14  
New large incidents: 0  
Uncontained large fires: 2  
Type 2 IMTs committed: 1

**Fuller**, Grand Canyon NP. IMT 2 (Sinclair). Four miles northeast of North Rim, AZ. Timber and medium logging slash. Extreme fire behavior with wind-driven runs. Road, area and trail closures in effect.

**West Baldy**, Roswell Field Office, BLM. Twenty miles west of Roswell, NM. Brush and grass. Moderate fire behavior.

**Colorado Peak**, Arizona Tucson District, DOF. Fifteen miles northwest of Tubac, AZ. Brush and grass. Minimal fire behavior with running. Last report unless significant activity occurs.

**Clavel**, Las Vegas District, New Mexico State Forestry. Twenty miles northeast of Roy, NM. Brush and grass. Minimal fire behavior.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Fuller	AZ-GCP	11,382	5,442	0	Comp	10/1	554	43	14	25	5	0	2.7M	NPS
West Baldy	NM-ROD	422	0	90	Ctn	UNK	4	-24	0	1	0	0	50K	BLM
Colorado Peak	AZ-A3S	1,050	250	70	Comp	7/24	23	-25	1	0	0	0	42K	ST
Clavel	NM-N4S	5,696	0	95	Ctn	UNK	5	0	0	2	0	0	29K	ST

### **Alaska Area (PL 2)**

New fires: 8  
New large incidents: 11  
Uncontained large fires: 1  
Type 2 IMTs committed: 1

**Tok River**, Tok Area Forestry, DOF. IMT 2 (Kurth). Seven miles south of Tok, AK. Timber, light logging slash and grass. Minimal fire behavior with single tree torching, creeping and smoldering. Structures threatened.

**Reindeer River**, Southwest Area Forestry, DOF. Previously reported incident. Started on BLM land 30 miles southeast of Flat, AK. Timber and grass. Moderate fire behavior. Last report unless significant activity occurs.

**Israthorak Creek**, Southwest Area Forestry, DOF. Previously reported incident. Started on FWS land 17 miles northwest of Tuluksak, AK. Timber and grass. Active fire behavior with running and creeping. Last report unless significant activity occurs.

**High Creek**, Galena Zone, BLM. Previously reported incident. Thirty-five miles northeast of Huslia, AK. Timber. Active fire behavior. Last report unless significant activity occurs.

\* **Smith Creek**, Southwest Area Forestry, DOF. Nineteen miles northwest of Crooked Creek, AK. Timber and grass. Active fire behavior with running. Structures threatened. Last report unless significant activity occurs.

\* **Folger Creek**, Southwest Area Forestry, DOF. Twenty-eight miles northwest of McGrath, AK. Timber and grass. Active fire behavior. Last report unless significant activity occurs.

\* **Bogus Creek**, Southwest Area Forestry, DOF. Started on FWS land 15 miles southeast of Kalskag, AK. Grass. Moderate fire behavior with torching and creeping. Last report unless significant activity occurs.

\* **Doestock Creek**, Southwest Area Forestry, DOF. Six miles south of Chuathbaluk, AK. Timber and grass. Moderate fire behavior with torching, backing and creeping. Last report unless significant activity occurs.

**Gweek River**, Southwest Area Forestry, DOF. Previously reported incident. Started on BLM land 17 miles northeast of Akiachak, AK. Timber and grass. Moderate fire behavior with creeping. Last report unless significant activity occurs.

**Owhat River 2**, Southwest Area Forestry, DOF. Previously reported incident. Seven miles northwest of Aniak, AK. Timber and grass. Active fire behavior with running and creeping. Last report unless significant activity occurs.

\* **George River**, Southwest Area Forestry, DOF. Sixteen miles northwest of Red Devil, AK. Timber. Active fire behavior with group torching. Last report unless significant activity occurs.

\* **Clearwater Creek**, Southwest Area Forestry, DOF. Fifty-one miles northeast of McGrath, AK. Timber and grass. Active fire behavior with torching, flanking and backing. Last report unless significant activity occurs.

\* **Chicago Lakes**, Tanana Zone, BLM. Started on native corporation land eight miles northeast of Rampart, AK. Timber, brush and hardwood slash. Active fire behavior with torching, flanking and backing. Structures threatened. Last report unless significant activity occurs.

\* **Bear Creek**, Southwest Area Forestry, DOF. Started on BLM land 51 miles southeast of McGrath, AK. Timber. Active fire behavior with torching, flanking and backing. Structures threatened. Last report unless significant activity occurs.

\* **South Fork George River**, Southwest Area Forestry, DOF. Fourteen miles north of Red Devil, AK. Timber. Active fire behavior with torching and backing. Last report unless significant activity occurs.

\* **Big River**, Southwest Area Forestry, DOF. Twenty-seven miles northeast of Lime Village, AK. Timber. Moderate fire behavior with torching and creeping. Last report unless significant activity occurs.

\* **Pontag Creek**, Southwest Area Forestry, DOF. Seventy-five miles northwest of McGrath, AK. Timber and grass. Moderate fire behavior with backing and creeping. Last report unless significant activity occurs.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Tok River	AK-TAS	731	3	18	Ctn	7/23	130	42	4	0	2	0	465K	ST
Reindeer River	AK-SWS	9,375	8,775	0	Comp	8/15	0	0	0	0	0	0	2K	BLM
Israthorak Creek	AK-SWS	8,000	7,500	0	Comp	8/15	0	0	0	0	0	0	4K	FWS
High Creek	AK-GAD	4,386	3,153	0	Comp	8/31	0	-10	0	0	0	0	50K	BLM
* Smith Creek	AK-SWS	3,997	---	0	Comp	8/15	5	---	0	0	0	0	11K	ST
* Folger Creek	AK-SWS	3,216	---	0	Comp	8/15	0	---	0	0	0	0	NR	ST
* Bogus Creek	AK-SWS	3,084	---	0	Comp	8/15	0	---	0	0	0	0	2K	FWS

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Doestock Creek	AK-SWS	1,209	---	0	Comp	8/15	5	---	0	0	0	0	9K	ST
Gweek River	AK-SWS	1,200	700	0	Comp	8/15	0	0	0	0	0	0	37K	BLM
Owhat River 2	AK-SWS	1,110	560	0	Comp	7/31	0	0	0	0	0	0	2K	ST
* George River	AK-SWS	858	---	0	Comp	7/31	8	---	1	0	0	0	409K	ST
* Clearwater Creek	AK-SWS	775	---	0	Comp	7/31	0	---	0	0	0	0	1K	ST
* Chicago Lakes	AK-TAD	750	---	0	Comp	10/1	11	---	0	0	0	0	36K	ANC
* Bear Creek	AK-SWS	598	---	0	Comp	7/31	4	---	0	0	0	0	31K	BLM
* South Fork George River	AK-SWS	527	---	0	Comp	7/31	0	---	0	0	0	0	1K	ST
* Big River	AK-SWS	300	---	0	Comp	7/31	0	---	0	0	0	0	1K	ST
* Pontag Creek	AK-SWS	300	---	0	Comp	7/31	0	---	0	0	0	0	1K	ST

### **Great Basin Area (PL 3)**

New fires: 7  
New large incidents: 1  
Uncontained large fires: 3  
Type 2 IMTs committed: 1

\* **Cliff Creek**, Bridger-Teton NF. IMT 2 (DeMasters). Fifteen miles east of Hoback, WY. Timber. Active fire behavior with crowning and wind-driven runs. Residences threatened. Road closures in effect.

**Fleck**, Sawtooth NF. Eighteen miles north of Fairfield, ID. Timber and grass. Active fire behavior. Residences threatened. Area closure in effect. Reduction in acreage due to more accurate mapping.

**Wally**, Elko District, BLM. Previously reported as the Winnebago incident. Five miles west of Oasis, NV. Timber, brush and tall grass. Active fire behavior with wind-driven runs, group torching and spotting. Structures and sage-grouse habitat threatened.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Cliff Creek	WY-BTF	2,200	---	0	Ctn	UNK	0	---	0	0	0	1	100K	FS
Fleck	ID-STF	205	-295	50	Ctn	7/20	159	3	4	6	3	0	200K	FS
Wally	NV-EKD	1,556	856	40	Ctn	7/20	270	60	8	7	3	0	178K	BLM

### **Southern California Area (PL 3)**

New fires: 28  
New large incidents: 1  
Uncontained large fires: 1

\* **Spring**, Sierra NF. Seventeen miles south of Mammoth Lakes, CA. Timber and brush. Moderate fire behavior with single tree torching, creeping and smoldering. Road and trail closures in effect.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Spring	CA-SNF	174	---	80	Ctn	7/23	192	---	7	1	4	0	326K	FS

### **Southern Area (PL 2)**

New fires: 10  
New large incidents: 0  
Uncontained large fires: 1

**Taylor**, National Forests in Florida. Nine miles northeast of Sanderson, FL. Southern rough. Minimal fire behavior.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Taylor	FL-FNF	880	0	80	Ctn	7/18	48	-7	1	2	1	0	100K	FS

### **Active Incident Resource Summary**

GACC	Fires	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AICC	13	26,016	15	2	6	398
NWCC	3	5,110	0	3	0	13
ONCC	2	6,087	3	5	0	97
OSCC	6	11,623	18	17	11	579
NRCC	4	5,679	3	12	1	140
GBCC	7	6,510	22	22	10	761
SWCC	20	101,755	25	48	7	943
RMCC	10	54,597	32	152	12	1,666
EACC	0	0	0	0	0	0
SACC	14	24,901	3	30	4	234
<b>Total</b>	<b>79</b>	<b>242,278</b>	<b>121</b>	<b>291</b>	<b>51</b>	<b>4,831</b>

**Fires and Acres Yesterday (by Protection):**

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	6	0	0	2	0	8
	ACRES	0	43,739	0	0	7,100	0	50,839
Northwest Area	FIRES	0	0	0	0	11	8	19
	ACRES	0	0	0	0	38	3	41
Northern California Area	FIRES	1	0	0	0	26	4	31
	ACRES	3	0	0	0	17	0	20
Southern California Area	FIRES	0	0	0	0	19	9	28
	ACRES	0	0	0	0	9	0	9
Northern Rockies Area	FIRES	0	0	0	0	5	1	6
	ACRES	0	0	0	0	0	0	0
Great Basin Area	FIRES	0	1	0	0	3	3	7
	ACRES	0	1,156	0	0	4	1,002	2,162
Southwest Area	FIRES	3	1	0	0	5	5	14
	ACRES	1	2	0	0	3,016	1,383	4,402
Rocky Mountain Area	FIRES	0	1	0	1	3	2	7
	ACRES	0	5	0	0	31	35	71
Eastern Area	FIRES	0	0	0	0	0	1	1
	ACRES	0	0	0	0	0	0	0
Southern Area	FIRES	0	0	0	0	7	3	10
	ACRES	0	0	0	0	13	6	19
TOTAL FIRES:		4	9	0	1	81	36	131
TOTAL ACRES:		4	44,902	0	0	10,228	2,429	57,563

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

<b>Area</b>		<b>BIA</b>	<b>BLM</b>	<b>FWS</b>	<b>NPS</b>	<b>ST/OT</b>	<b>USFS</b>	<b>TOTAL</b>
Alaska Area	FIRES	0	172	0	0	314	6	<b>492</b>
	ACRES	0	321,119	0	0	32,523	3	<b>353,645</b>
Northwest Area	FIRES	145	63	20	8	536	222	<b>994</b>
	ACRES	2,751	38,416	147	0	4,005	883	<b>46,202</b>
Northern California Area	FIRES	65	5	0	20	1,290	183	<b>1,563</b>
	ACRES	119	11	0	2	20,714	8,616	<b>29,462</b>
Southern California Area	FIRES	7	50	4	20	1,782	201	<b>2,064</b>
	ACRES	7	26,016	269	25	19,095	47,648	<b>93,060</b>
Northern Rockies Area	FIRES	474	42	8	6	604	143	<b>1,277</b>
	ACRES	4,303	1,779	1,402	3	11,644	2,902	<b>22,033</b>
Great Basin Area	FIRES	11	319	5	22	305	182	<b>844</b>
	ACRES	16	117,731	3	23	38,240	7,005	<b>163,018</b>
Southwest Area	FIRES	504	161	7	37	696	589	<b>1,994</b>
	ACRES	14,261	65,271	5,251	17,592	92,517	215,176	<b>410,068</b>
Rocky Mountain Area	FIRES	470	171	10	12	591	221	<b>1,475</b>
	ACRES	1,646	12,561	480	1,425	405,265	39,022	<b>460,399</b>
Eastern Area	FIRES	490	0	25	19	4,934	341	<b>5,809</b>
	ACRES	1,906	0	1,087	910	29,984	7,110	<b>40,997</b>
Southern Area	FIRES	325	0	18	54	12,472	393	<b>13,262</b>
	ACRES	132,673	0	128	27,567	857,059	35,808	<b>1,053,235</b>
<b>TOTAL FIRES:</b>		<b>2,491</b>	<b>983</b>	<b>97</b>	<b>198</b>	<b>23,524</b>	<b>2,481</b>	<b>29,774</b>
<b>TOTAL ACRES:</b>		<b>157,682</b>	<b>582,904</b>	<b>8,767</b>	<b>47,547</b>	<b>1,511,046</b>	<b>364,173</b>	<b>2,672,119</b>

<b>Ten Year Average Fires (2006 – 2015 as of today)</b>	<b>41,263</b>
<b>Ten Year Average Acres (2006 – 2015 as of today)</b>	<b>3,351,628</b>

**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	0
	ACRES	0	0	0	0	0	0	0
Northwest Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Northern California Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Southern California Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Northern Rockies Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Great Basin Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Southwest Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Rocky Mountain Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Eastern Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
Southern Area	FIRES	0	0	0	0	3	0	3
	ACRES	0	0	0	0	5	0	5
TOTAL FIRES:		0	0	0	0	3	0	3
TOTAL ACRES:		0	0	0	0	5	0	5



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

<b>Area</b>		<b>BIA</b>	<b>BLM</b>	<b>FWS</b>	<b>NPS</b>	<b>ST/OT</b>	<b>USFS</b>	<b>TOTAL</b>
Alaska Area	FIRES	0	7	0	0	2	1	<b>10</b>
	ACRES	0	31,664	0	0	1,566	38	<b>33,268</b>
Northwest Area	FIRES	7	21	6	0	0	149	<b>183</b>
	ACRES	752	1,990	356	0	0	23,858	<b>26,956</b>
Northern California Area	FIRES	4	1	9	8	0	125	<b>147</b>
	ACRES	41	90	3,356	328	0	8,244	<b>12,059</b>
Southern California Area	FIRES	0	5	3	1	0	136	<b>145</b>
	ACRES	0	71	288	760	0	3,587	<b>4,706</b>
Northern Rockies Area	FIRES	12	12	53	11	14	149	<b>251</b>
	ACRES	5,316	4,358	12,318	651	698	14,894	<b>38,235</b>
Great Basin Area	FIRES	4	23	6	5	36	73	<b>147</b>
	ACRES	110	2,296	3,584	128	915	25,780	<b>32,813</b>
Southwest Area	FIRES	8	30	3	8	1	103	<b>153</b>
	ACRES	894	22,071	92	2,331	2	62,524	<b>87,914</b>
Rocky Mountain Area	FIRES	15	32	57	24	76	69	<b>273</b>
	ACRES	1,266	2,848	26,221	10,952	4,482	27,771	<b>73,540</b>
Eastern Area	FIRES	46	0	347	23	891	180	<b>1,487</b>
	ACRES	45,655	0	50,823	5,774	61,229	56,090	<b>219,571</b>
Southern Area	FIRES	16	0	176	65	9,814	907	<b>10,978</b>
	ACRES	1,615	0	157,938	51,546	663,319	829,043	<b>1,703,461</b>
<b>TOTAL FIRES:</b>		<b>112</b>	<b>131</b>	<b>660</b>	<b>145</b>	<b>10,834</b>	<b>1,892</b>	<b>13,774</b>
<b>TOTAL ACRES:</b>		<b>55,649</b>	<b>65,388</b>	<b>254,976</b>	<b>72,470</b>	<b>732,211</b>	<b>1,051,829</b>	<b>2,232,523</b>

\*\*\* 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	0	0	517	93,202
YUKON TERRITORY	1	0	41	16,148
ALBERTA	3	207	1,032	608,789
NORTHWEST TERRITORY	0	0	149	99,251
SASKATCHEWAN	1	0	317	147,432
MANITOBA	0	0	168	30,902
ONTARIO	0	0	387	86,389
QUEBEC	2	0	442	10,787
NEWFOUNDLAND	2	11	68	648
NEW BRUNSWICK	0	0	233	264
NOVA SCOTIA	0	0	204	343
PRINCE EDWARD ISLAND	0	0	6	19
NATIONAL PARKS	0	10	39	5,516
TOTALS	9	229	3,603	1,099,691

\* 1 Hectare = 2.47 Acres

**Predictive Services Discussion:** A strong low will continue along the northwestern coast while a strong ridge settles over the central U.S. Strong southwesterly to southerly winds will continue across the Interior West. Scattered thunderstorms will move across the Southwest and into the Great Basin. Widely scattered showers and a few thunderstorms will move into the Northwest and the northern Rockies. Showers and thunderstorms will move along a cold front through the Midwest and New England. Scattered afternoon thunderstorms will form over the much of the Southeast. Hot weather will continue across the southern third of the country and extend well into the central and northern Plains. Mild conditions will continue across the Northwest and the Upper Midwest. In Alaska, rain and showers will spread into the Interior. Isolated thunderstorms will develop in the southern parts of the state. Temperatures will continue to cool across the state with the warmest conditions in the south.

<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.**

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