

**National Interagency Coordination Center  
Incident Management Situation Report  
Friday, August 10, 2018 – 0530 MT  
National Preparedness Level 5**

**National Fire Activity**

Initial Attack Activity:	Light (80 fires)
New large incidents:	9
Large fires contained:	17
Uncontained large fires:**	51
Area Command teams committed:	0
NIMOs committed:	0
Type 1 IMTs committed:	14
Type 2 IMTs committed:	16

Nationally, there are 50 large 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.

One hundred thirty-eight fireline management personnel from Australia and New Zealand are assigned to support large fires in the California and Northwest Areas.

Two MAFFS C-130 airtankers and support personnel from the 152nd Airlift Wing (Nevada Air National Guard), one from the 146th Airlift Wing (California Air National Guard) and one from the 302nd Airlift Wing (Colorado Springs, Air Force Reserve) have been deployed to McClellan Airfield, CA in support of wildland fire operations.

One RC-26 aircraft with Distributed Real-Time Infrared (DRTI) capability and support personnel from the 141st Air Refueling Wing (Washington Air National Guard) has been deployed to Spokane, WA in support of wildland fire operations in the West.

<b>Active Incident Resource Summary</b>						
<b>GACC</b>	<b>Incidents</b>	<b>Cumulative Acres</b>	<b>Crews</b>	<b>Engines</b>	<b>Helicopters</b>	<b>Total Personnel</b>
AICC	1	27,194	2	0	2	84
NWCC	25	271,432	270	529	70	10,583
ONCC	9	509,825	136	775	45	9,535
OSCC	9	153,500	62	256	36	3,733
NRCC	16	10,953	38	55	15	1,621
GBCC	21	420,625	48	141	23	2,333
SWCC	12	33,364	5	15	1	224
RMCC	15	69,034	26	52	14	1,079
EACC	0	0	0	0	0	0
SACC	6	3,328	0	8	0	54
<b>Total</b>	<b>114</b>	<b>1,499,255</b>	<b>587</b>	<b>1,831</b>	<b>206</b>	<b>29,246</b>

## **Northwest Area (PL 5)**

New fires:	15
New large incidents:	1
Uncontained large fires:	14
Type 1 IMTs committed:	7
Type 2 IMTs committed:	3

**Cougar Creek**, Okanogan/Wenatchee NF. IMT 1 (Young). IMT is also managing the Bannock Lakes incident. Twelve miles northwest of Ardenvoir, WA. Timber, medium logging slash and closed timber litter. Active fire behavior with uphill runs and backing. Numerous structures and energy infrastructure threatened. Evacuations, road, area and trail closures in effect.

\* **Bannock Lakes**, Okanogan/Wenatchee NF. Fourteen miles southwest of Stehekin, WA. Timber and brush. Minimal fire behavior. Trail closures in effect.

**Crescent Mountain**, Okanogan/Wenatchee NF. IMT 1 (Dueitt). Eighteen miles west of Winthrop, WA. Timber. Moderate fire behavior with torching, flanking and running. Numerous residences threatened. Road, area and trail closures in effect.

**Miriam**, Okanogan/Wenatchee NF. IMT 2 (Knerr). Fifteen miles east of Packwood, WA. Timber and brush. Active fire behavior with short crown runs, group torching and flanking. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

**Miles**, Umpqua NF. Unified Command between IMT 1 (Turman) and ODF IMT 1 (Hessel). IMT is also managing the Snow Shoe, Columbus and Round Top incidents. Five miles northeast of Trail, OR. Timber. Active fire behavior with running, spotting and short crown runs. Numerous residence and energy infrastructure threatened. Evacuations, road, area and trail closures in effect.

**Snow Shoe**, Umpqua NF. Six miles northwest of Trail, OR. Timber. Moderate fire behavior with creeping and smoldering.

**Columbus**, Umpqua NF. Fifteen miles east of Tiller, OR. Timber. Active fire behavior with running, short-range spotting and short crown runs. Road and trail closures in effect.

**Round Top**, Rogue River-Siskiyou NF. Eight miles northeast of Prospect, OR. Timber. Moderate fire behavior.

**Taylor Creek**, Medford District, BLM. IMT 1 (Schulte). IMT is also managing the Klondike incident. Ten miles west of Grants Pass, OR. Timber and brush. Moderate fire behavior with uphill runs, isolated torching and short-range spotting. Numerous structures and communication infrastructure threatened. Road, area and trail closures in effect.

**Klondike**, Rogue River-Siskiyou NF. IMT 1 (Kurth) mobilizing. Nine miles northwest of Selma, OR. Timber and chaparral. Moderate fire behavior with uphill runs, backing and isolated torching. Numerous residences threatened. Evacuations, road, area and trail closures in effect.

**Natchez**, Rogue River-Siskiyou NF. IMT 1 (Goicoechea). Fifteen miles southeast of Cave Junction, OR. Timber and chaparral. Active fire behavior with backing, flanking and torching. Structures threatened. Evacuations, road, area and trail closures in effect.

**Maple**, Olympic NF. IMT 2 (Lawson). Ten miles north of Hoodspport, WA. Timber. Active fire behavior with uphill runs, group torching and flanking. Structures and communication infrastructure threatened. Road, area and trail closures in effect.

**Angel Springs**, Northeast Region, Washington DNR. IMT 2 (Goldman). Eight miles northeast of Davenport, WA. Timber, brush and tall grass. Minimal fire behavior. Numerous residences threatened. Reduction in acreage due to more accurate mapping.

**Hendrix**, Rogue River-Siskiyou NF. Nine miles southwest of Ashland, OR. Timber and medium logging slash. Minimal fire behavior. Residences threatened. Road, area and trail closures in effect.

**Long Hollow 0806 RN**, Prineville District, BLM. Started on private land five miles south of Dufur, OR. Brush and grass. No new information.

**Silver Lake**, Northeast Region, Washington DNR. Five miles west of Cheney, WA. Timber, light logging slash and short grass. Minimal fire behavior.

**Sheep Creek**, Northeast Region, Washington DNR. Four miles northwest of Northport, WA. Timber. Moderate fire behavior with creeping, single tree torching and smoldering. Numerous structures and communication infrastructure threatened.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Cougar Creek	WA-OWF	10,834	1,655	5	Ctn	9/15	902	7	23	29	6	0	8.8M	FS
* Bannock Lakes	WA-OWF	202	---	0	Comp	12/2	0	---	0	0	0	0	2.5K	FS
Crescent Mountain	WA-OWF	14,593	3,342	0	Comp	10/22	466	47	6	42	4	0	3.7M	FS
Miriam	WA-OWF	1,948	598	9	Ctn	9/1	353	9	6	24	3	0	3.4M	FS
Miles	OR-UPF	27,039	0	3	Ctn	9/30	1,966	431	50	118	9	2	46.9M	FS
Snow Shoe	OR-UPF	3,816	0	80	Ctn	9/1	62	0	2	0	0	0	5.7M	FS
Columbus	OR-UPF	9,193	70	8	Ctn	10/1	225	20	7	9	0	0	NR	FS
Round Top	OR-RSF	154	0	80	Ctn	8/15	9	0	0	2	0	0	NR	FS
Taylor Creek	OR-MED	42,996	870	45	Ctn	9/19	1,464	42	43	45	8	0	18.7M	BLM
Klondike	OR-RSF	36,907	1,835	15	Ctn	10/31	178	-266	4	8	0	0	8M	FS
Natchez	OR-RSF	11,600	262	52	Ctn	8/31	742	-66	20	29	6	0	17.5M	FS
Maple	WA-OLF	842	431	12	Comp	10/31	258	95	5	4	4	0	700K	FS
Angel Springs	WA-NES	5,046	-31	90	Ctn	8/12	566	2	13	68	3	14	3.6M	ST
Hendrix	OR-RSF	1,082	0	72	Ctn	8/31	204	2	5	2	0	0	9.4M	FS
Long Hollow 0806 RN	OR-PRD	33,451	---	97	Ctn	8/13	1	---	0	0	0	1	2.2M	PRI
Silver Lake	WA-NES	340	0	65	Ctn	8/12	120	-13	3	14	0	1	425K	ST
Sheep Creek	WA-NES	458	0	55	Ctn	8/17	345	-1	10	14	0	0	3M	ST
Timber Crater 10	OR-CLP	193	0	100	Ctn	---	0	-2	0	0	0	0	746K	NPS
Timber Crater 6	OR-CLP	3,126	0	100	Ctn	---	57	-1	1	2	0	0	7.5M	NPS
South Valley Road	OR-954S	20,026	0	100	Ctn	---	311	-102	7	16	4	18	5.5M	ST
Pole Creek	OR-VAD	823	---	100	Ctn	---	0	---	0	0	0	0	500K	BLM
116 Wilson Prairie	OR-952S	405	---	100	Ctn	---	0	---	0	0	0	0	3.6M	ST

CLP – Crater Lake National Park, NPS      VAD – Vale District, BLM      954S – The Dalles Unit, ODF      952S – John Day Unit, ODF

**Great Basin Area (PL 5)**

New fires: 5  
 New large incidents: 1  
 Uncontained large fires: 10  
 Type 1 IMTs committed: 3  
 Type 2 IMTs committed: 3

**Coal Hollow**, Manti-Lasal NF. IMT 2 (Roide). IMT1 (Pechota) mobilizing. IMT is also managing the Hill Top incident. Eleven miles northeast of Price, UT. Timber and brush. Extreme fire behavior with uphill runs, flanking and backing. Numerous residences and energy infrastructure threatened. Evacuations, road, area and trail closures in effect.

**Hill Top**, Central Area, Utah DOF. Fifteen miles north of Mount Pleasant, UT. Timber, brush and grass. Minimal fire behavior. Residences threatened. Road and area closures in effect. Evacuations have been lifted.

**Rabbit Foot**, Salmon-Challis NF. IMT 2 (Rohrer). IMT1 (DeMasters) mobilizing. Fourteen miles southwest of Salmon, ID. Timber. Active fire behavior with running, crowning and short-range spotting. Numerous structures, communication infrastructure and sage-grouse habitat threatened. Road, area and trail closures in effect.

**Dollar Ridge**, Northeast Area, Utah DOF. Thirty-six miles southeast of Heber City, UT. Timber and hardwood litter. Active fire behavior. Road, area and trail closures in effect.

**Mesa**, Payette NF. IMT 2 (Thompson). Four miles south of Council, ID. Timber, brush and tall grass. Active fire behavior with uphill runs, group torching and spotting. Numerous structures and sage-grouse habitat threatened. Road, area and trail closures in effect.

**Sharps**, Eastern Idaho Area, Idaho Department of Lands. IMT 1 (Lund). Six miles east of Bellevue, ID. Timber, brush and tall grass. Moderate fire behavior with creeping, smoldering and single-tree torching. Sage-grouse habitat threatened. Road, area and trail closures in effect.

**Bear Trap**, Unintah and Ouray Agency, BIA. Previously reported incident. Forty-four miles southeast of Price UT. Timber. Active fire behavior with uphill runs, creeping and backing. Last narrative report unless significant activity occurs.

**Goose Creek**, Elko District, BLM. Thirty-three miles southeast of Jackpot, NV. Timber. Minimal fire behavior. Sage-grouse habitat threatened.

**Chin Creek**, Ely District Office, BLM. Sixty miles northeast of Ely, NV. Timber, brush and short grass. Minimal fire behavior. Sage-grouse habitat threatened.

**Hansel Point**, Bear River Area, Utah DOF. Ten miles northwest of Tremonton, UT. Brush and short grass. Active fire behavior with group torching, torching and creeping. Structures and communication infrastructure threatened.

**Lodgepole**, Boise NF. Sixteen miles northeast of Garden Valley, ID. Timber, brush and tall grass. Minimal fire behavior. Last report unless significant activity occurs.

\* **Pole Canyon**, Fishlake NF. Ten miles northeast of Loa, UT. Timber and brush. Active fire behavior with creeping and running. Road, area and trail closures in effect. Last narrative 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			
Coal Hollow	UT-MLF	14,706	8,045	0	Ctn	9/1	219	76	3	12	3	0	1.5M	FS
Hill Top	UT-SCS	1,846	8	61	Ctn	8/31	167	61	3	25	1	2	1.2M	ST
Rabbit Foot	ID-SCF	5,645	1,306	0	Ctn	10/31	387	25	7	22	4	0	2.9M	FS
Dollar Ridge	UT-NES	60,500	1,250	90	Ctn	9/1	128	12	5	9	0	438	18.8M	ST
Mesa	ID-PAF	34,022	33	60	Ctn	8/15	457	-7	9	20	5	5	10.2M	FS
Sharps	ID-EIS	64,845	199	68	Ctn	8/12	419	-6	10	4	6	0	7.1M	ST

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Goose Creek	NV-EKD	132,220	0	97	Ctn	8/11	146	80	2	6	1	3	7.5M	BLM
Chin Creek	NV-ELD	356	0	91	Ctn	8/10	52	-50	1	5	1	0	400K	BLM
Hansel Point	UT-BRS	4,723	0	90	Ctn	8/10	36	-39	1	4	0	0	560K	ST
Lodgepole	ID-BOF	1,616	0	95	Ctn	8/20	0	0	0	0	0	0	1.6M	FS
Cove Creek	UT-FIF	2,620	0	100	Ctn	---	15	2	0	1	0	0	3.7M	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
* Pole Canyon	UT-FIF	225	---	0	Comp	10/1	20	---	0	2	0	0	40K	FS
Bear Trap	UT-UOA	4,713	2,636	0	Comp	10/31	31	1	2	0	1	0	305K	BIA
Kiwah	ID-SCF	8,141	448	0	Comp	10/1	38	0	2	0	0	0	173K	FS
Broad	NV-HTF	543	0	85	Comp	10/31	0	0	0	0	0	0	566K	FS
Willow Creek	UT-UWF	1,311	0	98	Comp	10/11	1	0	0	0	0	0	838K	FS
Area 19	NV-NTE	3,200	1,300	100	Comp	---	0	-16	0	0	0	0	200K	DOD

FIF – Fishlake NF HTF – Humboldt-Toiyabe NF UWF – Uinta/Wasatch-Cache NF

NTE – Nevada Test Site, Department of Energy

#### **Northern California Area (PL 4)**

New fires: 18  
 New large incidents: 2  
 Uncontained large fires: 7  
 Type 1 IMTs committed: 3  
 Type 2 IMTs committed: 2

**Carr**, Whiskeytown National Recreation Area, NPS. Cal Fire IMT 1 (Gouvea). Four miles south of French Gulch, CA. Brush, tall grass and hardwood litter. Active fire behavior with uphill runs, torching and backing. Numerous structures, energy and communication infrastructure threatened. Evacuations, road, area and trail closures in effect.

**Mendocino Complex** (2 fires), Mendocino Unit, Cal Fire. Unified Command between Cal Fire IMT 1 (Kavanaugh) and IMT 1 (McGowan). Five miles south of Potter Valley, CA. Brush, hardwood slash and tall grass. Moderate fire behavior with uphill runs, flanking and backing. Numerous structures, energy and communication infrastructure threatened. Evacuations, road, area and trail closures in effect.

**Murphy**, Plumas NF. IMT 2 (Dalrymple). Two miles west of Belden, CA. Timber and chaparral. Minimal fire behavior. Structures and energy infrastructure threatened. Trail closures in effect.

**Keauhou Ranch Brush Fire**, Hawaii Volcanoes National Park, NPS. IMT 2 (Washington) mobilizing. Twenty-three miles southwest of Hilo, HI. Timber. Active fire behavior with running, flanking and torching. Structures threatened. Area closure in effect. Precipitation occurred over the fire area yesterday.

\* **Hat**, Shasta Trinity Unit, Cal Fire. Four miles east of Fall River, CA. Timber and brush. Extreme fire behavior with uphill runs, crowning, and long-range spotting. Numerous structures threatened. Evacuations and road closures in effect.

\* **Hirz**, Shasta-Trinity NF. Eleven miles east of Lakehead, CA. Timber and chaparral. Active fire behavior with uphill runs, single tree torching and flanking. Structures threatened. Road closures in effect.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Carr	CA-WNP	178,752	2,683	49	Ctn	8/17	4,710	-51	62	352	16	1,599	91M	NPS
Mendocino Complex	CA-MEU	305,152	3,066	52	Ctn	9/1	3,826	-193	51	356	20	229	69M	ST
Murphy	CA-PNF	117	17	30	Ctn	8/15	280	58	8	22	4	0	500K	FS
Keauhou Ranch Brush Fire	HI-HVP	3,679	474	50	Ctn	8/17	93	64	3	6	2	0	150K	NPS
* Hat	CA-SHU	800	---	0	Ctn	UNK	132	---	3	14	2	0	206K	ST
* Hirz	CA-SHF	450	---	10	Ctn	8/30	80	---	1	9	0	1	150K	FS
Eel	CA-MNF	972	0	100	Ctn	---	76	-15	2	3	0	10	1.3M	FS

MNF – Mendocino NF

### **Southern California Area (PL 4)**

New fires: 17  
 New large incidents: 0  
 Uncontained large fires: 4  
 Type 1 IMTs committed: 1  
 Type 2 IMTs committed: 2

**Ferguson**, Sierra NF. IMT 1 (von Tillow). Ten miles north of Mariposa, CA. Timber, chaparral and short grass. Active fire behavior with flanking, single-tree torching and group torching. Numerous structures and energy infrastructure threatened. Evacuations, road, area and trail closures in effect.

**Donnell**, Stanislaus NF. IMT 2 (Arroyo). Five miles west of Dardanelle, CA. Timber and brush. Active fire behavior with flanking, backing and group torching. Numerous structures and communication infrastructure threatened. Evacuations, road and trail closures in effect.

**Holy**, Cleveland NF. IMT 2 (Fogle). Seven miles northeast of Rancho Santa Margarita, CA. Chaparral and tall grass. Active fire behavior with short-range spotting, flanking and backing. Numerous structures and communication infrastructure threatened. Evacuations, road and trail closures in effect.

**Lions**, Sierra NF. Seven miles southwest of Mammoth Lakes, CA. Timber and brush. Moderate fire behavior with flanking, backing and isolated torching. 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			
Ferguson	CA-SNF	95,104	112	80	Ctn	8/15	1,532	-357	17	104	4	10	102M	FS
Donnell	CA-STF	19,744	1,803	6	Ctn	9/1	617	54	7	42	3	136	4.7M	FS
Holy	CA-CNF	10,236	4,036	5	Ctn	8/15	1,206	567	26	96	14	12	4M	FS
Lions	CA-SNF	8,779	68	70	Ctn	8/25	154	-24	4	0	4	0	8.6M	FS
Cranston	CA-BDF	13,139	0	100	Ctn	---	49	-10	1	4	0	12	22M	FS

BDF – San Bernardino NF

### **Rocky Mountain Area (PL 3)**

New fires: 2  
 New large incidents: 0  
 Uncontained large fires: 7  
 Type 2 IMTs committed: 2

**Bull Draw**, Uncompahgre Field Office, BLM. IMT 2 (Pisarek). Twelve miles northwest of Nucla, CO. Timber. Active fire behavior with uphill runs and short-range spotting. Structures threatened. Evacuations, road, area and trail closures in effect.

**Silver Creek**, Medicine Bow-Routt NF. Sixteen miles northwest of Kremmling, CO. Timber. Moderate fire behavior with group torching, single-tree torching and short-range spotting. Residences threatened. Road, area and trail closures in effect.

**Plateau**, San Juan NF. IMT 2 (Greer). Thirteen miles north of Dolores, CO. Timber. Active fire behavior with group torching, uphill runs and short-range spotting. Road and area closures in effect.

**Cabin Lake**, White River NF. Sixteen miles southeast of Meeker, CO. Timber and chaparral. Moderate fire behavior with creeping, backing and torching. Structures threatened. Road, area and trail closures in effect.

**Red Canyon**, White River Field Office, BLM. Forty-five miles southwest of Meeker, CO. Timber and brush. Minimal fire behavior. Structures and communication infrastructure threatened. Road, area and trail closures in effect.

**Lake Christine**, Eagle County. One mile northwest of Basalt, CO. Timber and brush. Minimal fire behavior. Road, area and trail closures in effect.

**West Guard**, San Juan NF. Thirteen miles east of Dove Creek, CO. Timber. Minimal fire behavior.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Bull Draw	CO-UPD	11,400	2,700	16	Ctn	8/19	244	21	7	7	4	0	2.8M	BLM
Silver Creek	WY-MRF	2,062	0	5	Ctn	10/1	193	49	6	6	2	0	2.3M	FS
Plateau	CO-SJF	10,673	2,028	36	Ctn	8/30	223	36	5	6	4	0	1.8M	FS
Cabin Lake	CO-WRF	1,170	0	70	Ctn	8/31	65	1	2	3	0	0	1.9M	FS
Red Canyon	CO-WRD	5,720	0	90	Ctn	8/11	98	-5	3	4	0	0	4.2M	BLM
Lake Christine	CO-EAX	12,588	0	89	Ctn	8/12	32	-24	0	6	1	3	16.7M	CNTY
West Guard	CO-SJF	1,424	0	90	Ctn	8/15	3	0	0	1	0	0	75K	FS
Moccasin Mesa	CO-MVP	185	0	100	Ctn	---	67	-28	0	7	0	0	886K	NPS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Cache Creek	CO-WRF	1,594	0	56	Comp	8/31	104	-110	3	2	3	0	3.9M	FS
Buttermilk	CO-UPD	747	0	70	Comp	8/11	7	-24	0	2	0	0	500K	BLM
Laney Rim	WY-RSD	13,198	0	95	Comp	8/10	18	0	0	2	0	3	1.8M	BLM
Spring Creek	CO-CTX	108,045	0	91	Comp	8/30	1	0	0	0	0	225	32M	CNTY
Sugarloaf	CO-ARF	1,260	0	50	Comp	8/31	4	-3	0	1	0	0	725K	FS
Burro	CO-SJF	4,593	0	95	Comp	9/1	2	0	0	0	0	1	3.3M	FS
Weston Pass	CO-PSF	13,023	---	93	Comp	9/30	5	---	0	1	0	1	9.7M	FS

MVP – Mesa Verde National Park, NPS      RSD – Rock Springs District, BLM      CTX – Costilla County  
 ARF – Arapaho-Roosevelt NF      PSF – Pike-San Isabel NF

**Northern Rockies Area (PL 3)**

New fires: 4  
 New large incidents: 0  
 Uncontained large fires: 6  
 Type 2 IMTs committed: 4



**Tenmile**, Kootenai NF. IMT 2 (Connell). Nineteen miles south of Eureka, MT. Timber. Moderate fire behavior with isolated torching, backing and short-range spotting. Structures, communication and energy infrastructure threatened. Road, area and trail closures in effect.

**Rattlesnake Creek**, Nez Perce-Clearwater NF. IMT 2 (Sinclair). Five miles southwest of Riggins, ID. Timber and short grass. Minimal fire behavior. Numerous structures threatened. Road, area and trail closures in effect.

**Copper Mountain**, Idaho Panhandle NF. Four miles east of Eastport, ID. Timber. Moderate fire behavior with torching.

**Garden Creek**, Flathead Agency, BIA. Two miles north of Ronan, MT. Timber and tall grass. Active fire behavior with group torching, running and spotting.

**Davis**, Kootenai NF. IMT 2 (Fry). IMT is also managing the Porcupine incident. Ten miles northwest of Yaak, MT. Timber. Active fire behavior with group torching, short-range spotting, and backing. Structures threatened. Road, area and trail closures in effect.

**Porcupine**, Kootenai NF. Fifteen miles west of Eureka, MT. Timber. Minimal fire behavior.

**Cougar**, Idaho Panhandle NF. IMT 2 (Sampson). Five miles east of East Hope, ID. Timber and brush. Active fire behavior with group torching, backing and flanking. 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			
Tenmile	MT-KNF	677	39	22	Ctn	8/18	280	-5	5	7	2	0	3.6M	FS
Rattlesnake Creek	ID-NCF	4,433	15	42	Ctn	9/30	385	69	9	19	8	0	11.9M	FS
Copper Mountain	ID-IPF	170	0	0	Ctn	9/1	126	16	5	0	0	0	600K	FS
Garden Creek	MT-FHA	2,018	176	10	Ctn	8/31	204	25	7	7	2	0	1M	BIA
Davis	MT-KNF	380	5	25	Ctn	8/18	238	-2	5	7	0	0	2.5M	FS
Porcupine	MT-KNF	17	0	95	Ctn	8/12	6	0	0	1	0	0	281K	FS
Cougar	ID-IPF	1,000	100	18	Comp	11/30	108	-5	1	0	0	0	635K	FS
Coal	MT-MCD	188	38	100	Ctn	---	36	-5	1	4	0	0	60K	BLM
Alpine	ID-POS	103	0	100	Ctn	---	138	0	4	1	1	0	1.9M	ST
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Goldstone	MT-BDF	150	-50	0	Comp	11/1	38	1	0	2	1	0	120K	FS
Brownstone	MT-FNF	1,084	815	0	Comp	10/1	10	5	0	0	0	0	15K	FS
Bacon Rind	MT-CGF	551	63	16	Comp	10/1	52	-13	1	1	1	0	1M	FS
Smith Creek	ID-IPF	617	317	0	Comp	10/31	20	6	0	1	0	0	75K	FS

MCD – Miles City Field Office, BLM POS – Pend Oreille Area Office, IDL BDF – Beaverhead/Deerlodge NF  
 FNF – Flathead NF CGF – Custer-Gallatin NF

**Southern Area (PL 2)**

New fires: 11  
 New large incidents: 1  
 Uncontained large fires: 0



Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Ranger	TX-TXS	323	0	100	Ctn	---	14	0	0	5	0	0	NR	ST
* Newsom	TX-TXS	487	---	100	Ctn	---	30	---	0	3	0	0	NR	St
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Lard Can	FL-EVP	630	0	100	Comp	---	1	-7	0	0	0	0	15K	NPS

TXS – Texas A & M Forest Service      EVP - Everglades National Park, NPS

### **Southwest Area (PL 1)**

New fires: 6  
 New large incidents: 3  
 Uncontained large fires: 3

**\*Stina**, Kaibab NF. Eighteen miles northwest of North Rim, AZ. Timber. Active fire behavior with torching, flanking and spotting.

**\*Cat**, Kaibab NF. Eleven miles north of North Rim, AZ. Timber. Active fire behavior with uphill runs, torching and spotting. Road, area and trail closures are in effect.

**Mariposa**, Cibola NF. Previously reported incident. Thirty miles northeast of Grants, NM. Timber. Minimal fire behavior. Reduction in acreage due to more accurate mapping.

**Deer**, Coconino NF. Previously reported incident. Ten miles northeast of Pine, AZ. Timber. Minimal fire behavior. Last narrative report unless significant activity occurs.

**Ranch**, Apache-Sitgreaves NF. Previously reported incident. Twenty-five miles south of Winslow, AZ. Brush and short grass. Moderate fire behavior with isolated torching. Last narrative report unless significant activity occurs.

**Obi**, Grand Canyon National Park, NPS. Previously reported incident. Four miles southeast of North Rim, AZ. Timber and short grass. Moderate fire behavior with flanking, backing and isolated torching. Last narrative 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			
* Stina	AZ-KNF	1,200	---	0	Ctn	9/20	109	---	4	5	0	0	80K	FS
* Cat	AZ-KNF	1,300	---	0	Ctn	11/15	0	---	0	0	0	0	20K	FS
Mariposa	NM-CIF	957	-1	60	Ctn	8/12	53	0	2	1	0	0	440K	FS
* Hog Springs	AZ-FTA	640	---	100	Ctn	---	16	---	1	0	0	0	25K	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Ranch	AZ-ASF	5,491	1,410	30	Comp	8/31	14	10	0	0	0	0	80K	FS
Deer	AZ-COF	1,600	1,000	80	Comp	UNK	0	0	0	0	0	0	200K	FS
Bald	AZ-KNF	340	205	12	Comp	10/31	27	0	1	1	0	0	23K	FS
Bears	AZ-TNF	7,066	0	50	Comp	8/15	21	-64	0	3	0	0	800K	FS
Knob	NM-EMP	550	0	75	Comp	8/15	3	-10	0	1	0	0	65K	NPS
Obi	AZ-GCP	7,801	5,021	35	Comp	8/25	48	0	1	4	1	0	175K	NPS
Stubbs	AZ-PNF	8,500	0	80	Comp	9/30	1	-4	0	0	0	0	140K	FS

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Hub Point	AZ-ASF	3,500	---	20	Comp	8/15	18	---	0	2	0	0	35K	FS
Platypus	AZ-COF	700	---	0	Comp	11/30	0	---	0	0	0	0	50K	FS
Rhino	AZ-COF	330	---	0	Comp	11/30	0	---	0	0	0	0	25K	FS
Rose	AZ-SCA	1,100	---	0	Comp	UNK	0	---	0	0	0	0	NR	BIA
Seep	AZ-COF	4,400	---	75	Comp	UNK	10	---	0	1	0	0	40K	FS
Sarca	NM-SNF	178	---	60	Comp	8/31	3	---	0	0	0	0	10K	FS
Gramma	AZ-ASF	2,153	353	100	Comp	---	8	0	0	1	0	0	45K	FS

FTA – Fort Apache, BIA ASF – Apache-Sitgreaves NF COF – Coconino NF EMP – El Malpais National Monument, NPS  
SCA – San Carlos Agency, BIA PNF – Prescott NF TNF – Tonto NF

### Alaska Area (PL 1)

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

\* **Charley River**, Upper Yukon Zone, BLM. Started on NPS land 48 miles southeast of Circle Hot Springs, AK. Timber and short grass. Minimal fire behavior. Last narrative report unless significant activity occurs.

**Kevinjik**, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 43 miles northeast of Chalkyitsik, AK. Timber and short grass. Minimal fire behavior. Last narrative 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			
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
* Charley River	AK-UYD	542	---	0	Comp	10/1	0	---	0	0	0	0	NR	NPS
Kevinjik	AK-UYD	28,394	1,038	0	Comp	10/1	0	---	0	0	0	0	NR	FWS
White Mountain Creek	AK-TAD	23,311	0	0	Comp	10/1	0	0	0	0	0	0	NR	BLM
Andrew Creek	AK-UYD	8,249	0	0	Comp	10/1	0	-10	0	0	0	0	138K	NPS
Radio Creek	AK-GAD	2,024	0	0	Comp	9/1	0	0	0	0	0	0	4K	BLM
Lynx Creek	AK-TAD	2,535	0	0	Comp	8/24	0	0	0	0	0	0	NR	ST
Little Melozitna River	AK-TAD	27,221	0	0	Comp	8/31	0	0	0	0	0	0	NR	ST
Dome Creek	AK-UYD	832	0	0	Comp	9/1	0	0	0	0	0	0	54K	NPS
Dulby Hot Springs	AK-GAD	44,363	0	0	Comp	9/1	0	0	0	0	0	0	3K	BLM
Deniktaw Ridge	AK-GAD	21,418	0	0	Comp	9/1	0	0	0	0	0	0	12K	PRI
Eureka Creek	AK-UYD	148	0	0	Comp	10/1	0	0	0	0	0	0	NR	NPS
Taixtsalda Hill	AK-TAS	27,194	---	0	Comp	10/1	84	---	2	0	2	0	1.7M	ST
Edwards Creek	AK-UYD	822	---	0	Comp	10/1	0	---	0	0	0	0	NR	NPS
Swift Fork	AK-TAD	6,326	---	0	Comp	10/1	0	---	0	0	0	0	NR	ST

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Webber Creek	AK-UYD	6,839	---	0	Comp	10/1	0	---	0	0	0	0	5K	NPS
Zitziana River	AK-TAD	59,097	---	4	Comp	10/1	5	---	0	0	0	0	2.6M	ST
Door Mountains	AK-SWS	10,454	---	0	Comp	UNK	0	---	0	0	0	0	2K	ST

TAS – Tok Area, Alaska DOF

TAD – Tanana Zone, BLM

GAD – Galena Zone, BLM

SWS – Southwest Area, Alaska DOF

**Fires and Acres Yesterday (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	0	0	0	0	0	<b>0</b>
	ACRES	0	0	0	0	0	0	<b>0</b>
Northwest Area	FIRES	0	2	0	1	11	1	<b>15</b>
	ACRES	0	1	0	15	32	454	<b>502</b>
Northern California Area	FIRES	0	0	0	0	13	5	<b>18</b>
	ACRES	0	0	0	0	17,897	825	<b>18,722</b>
Southern California Area	FIRES	0	0	0	0	16	1	<b>17</b>
	ACRES	0	0	0	0	12	6,128	<b>6,140</b>
Northern Rockies Area	FIRES	2	0	0	0	2	0	<b>4</b>
	ACRES	181	43	0	0	0	800	<b>1,024</b>
Great Basin Area	FIRES	0	2	0	0	1	2	<b>5</b>
	ACRES	1,307	25	0	0	0	13,447	<b>14,779</b>
Southwest Area	FIRES	0	0	0	0	3	3	<b>6</b>
	ACRES	0	0	0	0	100	1	<b>101</b>
Rocky Mountain Area	FIRES	0	0	0	0	1	1	<b>2</b>
	ACRES	0	849	0	0	1	2,776	<b>3,626</b>
Eastern Area	FIRES	0	0	0	0	1	1	<b>2</b>
	ACRES	0	0	0	0	0	0	<b>0</b>
Southern Area	FIRES	0	0	0	0	11	0	<b>11</b>
	ACRES	0	0	0	0	56	0	<b>56</b>
<b>TOTAL FIRES:</b>		<b>2</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>59</b>	<b>14</b>	<b>80</b>
<b>TOTAL ACRES:</b>		<b>1,488</b>	<b>918</b>	<b>0</b>	<b>15</b>	<b>18,099</b>	<b>24,431</b>	<b>44,951</b>

**Fire 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	117	0	0	191	22	<b>330</b>
	ACRES	0	352,817	0	0	46,014	59	<b>398,890</b>
Northwest Area	FIRES	219	190	26	28	919	534	<b>1,916</b>
	ACRES	6,895	249,316	1,655	2,989	20,679	85,930	<b>367,466</b>
Northern California Area	FIRES	60	18	3	32	1,831	326	<b>2,270</b>
	ACRES	26	2,882	7	38,679	575,297	35,745	<b>652,637</b>
Southern California Area	FIRES	21	50	4	26	2,537	257	<b>2,895</b>
	ACRES	894	1,417	4	9,224	39,399	120,931	<b>171,870</b>
Northern Rockies Area	FIRES	638	33	3	2	528	242	<b>1,446</b>
	ACRES	5,209	633	2,937	0	4,231	10,618	<b>23,628</b>
Great Basin Area	FIRES	27	687	4	28	712	296	<b>1,754</b>
	ACRES	4,908	982,907	0	40	333,692	135,028	<b>1,456,576</b>
Southwest Area	FIRES	663	208	7	48	731	989	<b>2,646</b>
	ACRES	33,065	5,073	234	13,800	292,924	161,987	<b>507,084</b>
Rocky Mountain Area	FIRES	336	369	8	27	640	314	<b>1,694</b>
	ACRES	3,334	105,228	1,712	270	319,432	131,061	<b>561,037</b>
Eastern Area	FIRES	433	0	7	23	3,615	346	<b>4,424</b>
	ACRES	4,141	0	24	186	20,602	7,252	<b>32,205</b>
Southern Area	FIRES	429	67	47	54	19,475	325	<b>20,397</b>
	ACRES	115,179	310	8,834	20,859	1,175,788	28,227	<b>1,349,198</b>
<b>TOTAL FIRES:</b>		<b>2,826</b>	<b>1,739</b>	<b>109</b>	<b>268</b>	<b>31,179</b>	<b>3,651</b>	<b>39,772</b>
<b>TOTAL ACRES:</b>		<b>173,651</b>	<b>1,700,586</b>	<b>15,407</b>	<b>86,047</b>	<b>2,828,060</b>	<b>716,841</b>	<b>5,520,594</b>

<b>Ten Year Average Fires (2008 – 2017 as of today)</b>	<b>42,408</b>
<b>Ten Year Average Acres (2008 – 2017 as of today)</b>	<b>4,317,197</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	1	1
	ACRES	0	0	0	0	0	70	70
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	146	0	146
	ACRES	0	0	0	0	677	0	677
<b>TOTAL FIRES:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>146</b>	<b>1</b>	<b>147</b>
<b>TOTAL ACRES:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>677</b>	<b>70</b>	<b>747</b>

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

<b>Areas</b>		<b>BIA</b>	<b>BLM</b>	<b>FWS</b>	<b>NPS</b>	<b>ST/OT</b>	<b>USFS</b>	<b>TOTAL</b>
<b>Alaska Area</b>	<b>FIRES</b>	0	0	3	0	11	1	<b>15</b>
	<b>ACRES</b>	0	0	56	0	36,158	70	<b>36,284</b>
<b>Northwest Area</b>	<b>FIRES</b>	26	29	10	7	0	172	<b>244</b>
	<b>ACRES</b>	4,817	5,546	4,607	414	0	46,032	<b>61,416</b>
<b>Northern California Area</b>	<b>FIRES</b>	2	3	9	16	1	128	<b>159</b>
	<b>ACRES</b>	12	1,792	5,627	1,938	35	18,067	<b>27,471</b>
<b>Southern California Area</b>	<b>FIRES</b>	0	2	3	2	0	130	<b>137</b>
	<b>ACRES</b>	0	90	405	48	0	12,622	<b>13,165</b>
<b>Northern Rockies Area</b>	<b>FIRES</b>	9	14	39	3	4	114	<b>183</b>
	<b>ACRES</b>	3,006	12,437	10,191	12,203	257	14,035	<b>52,129</b>
<b>Great Basin Area</b>	<b>FIRES</b>	2	18	2	4	31	72	<b>129</b>
	<b>ACRES</b>	75	2,239	40	67	2,315	23,125	<b>27,861</b>
<b>Southwest Area</b>	<b>FIRES</b>	14	15	7	4	1	123	<b>164</b>
	<b>ACRES</b>	2,372	12,963	204	836	51	73,813	<b>90,239</b>
<b>Rocky Mountain Area</b>	<b>FIRES</b>	23	38	26	9	85	112	<b>293</b>
	<b>ACRES</b>	2,363	4,070	15,597	263	7,973	46,189	<b>76,455</b>
<b>Eastern Area</b>	<b>FIRES</b>	57	0	151	29	1,092	232	<b>1,561</b>
	<b>ACRES</b>	31,884	0	23,486	7,669	92,400	73,150	<b>228,589</b>
<b>Southern Area</b>	<b>FIRES</b>	73	0	165	38	62,742	987	<b>64,005</b>
	<b>ACRES</b>	18,960	0	141,086	120,830	2,383,858	976,765	<b>3,641,499</b>
<b>TOTAL FIRES:</b>		<b>206</b>	<b>119</b>	<b>415</b>	<b>112</b>	<b>63,967</b>	<b>2,071</b>	<b>66,890</b>
<b>TOTAL ACRES:</b>		<b>63,489</b>	<b>39,137</b>	<b>201,299</b>	<b>144,268</b>	<b>2,523,047</b>	<b>1,283,868</b>	<b>4,255,108</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/>



## Canadian Fires and Hectares

PROVINCES	FIRES YESTERDAY	HECTACRES YESTERDAY	FIRES YEAR-TO-DATE	HECTACRES YEAR-TO-DATE
BRITISH COLUMBIA	37	13,867	1,544	118,679
YUKON TERRITORY	0	0	60	73,162
ALBERTA	13	637	1,084	50,423
NORTHWEST TERRITORY	0	0	51	5,620
SASKATCHEWAN	1	1,801	385	93,892
MANITOBA	0	5,547	422	174,904
ONTARIO	15	672	1,003	223,621
QUEBEC	0	10	532	85,476
NEWFOUNDLAND	1	0	94	514
NEW BRUNSWICK	0	0	241	301
NOVA SCOTIA	0	0	156	241
PRINCE EDWARD ISLAND	0	0	0	0
NATIONAL PARKS	2	270	107	61,437
TOTALS	69	22,804	5,679	888,271

\*1 Hectare = 2.47 Acres

**Predictive Services Discussion:** The strong high pressure ridge will begin to weaken as a compact area of low pressure begins to move toward the coasts of Oregon and Washington. Pressure gradients along the West Coast from northern California to British Columbia will tighten, creating breezy conditions along the Cascade crest in the afternoon. Isolated storms will be possible during the afternoon period as the associated cold front begins its approach. Inland, the thermal trough will remain very strong but will begin to migrate east to the eastern edge of the Great Basin and over Montana. The southwestern monsoon will be reinvigorated by tropical moisture from a departing storm off the coast of Mexico. Expect an increase in the scattered, wet convection across Arizona and New Mexico. Southern California and the Sierra could see a storm or two. A trough of low pressure over the East will promote cooler than average temperatures. A stalled cold front will focus convective development over the Deep South and northern Texas.

<http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm>



This Day in History is a brief summary of a powerful learning opportunity and is not intended to second guess or be judgmental of decisions and actions. Put yourself in the following situation as if you do not know what the outcome will be. What are the conditions? What are you thinking? What are YOU doing?

## Helicopter Longline Accident

### Incident Summary: August

10<sup>th</sup> 2004, firefighters arrive to suppress two lightning fires nearby each other on the Wenatchee National Forest. The area is heavily wooded and mountainous. That evening the firefighters request supplies be flown into a drop zone they have established in a creek bed. The firefighters estimate the trees in the drainage to be an average of 80 feet tall with some 120 foot tall trees near the drop zone. A 150 foot longline is requested. The next morning, a Bell 205 A1 helicopter is dispatched with a tandem sling load to deliver to the firefighters, one net for each fire.

A pink flagging "X" is placed near the stream on a sand bar at the southern end of a cut bank overlooking the sand bar. There is a tall snag located on the cut bank. The helicopters approach is from the SW perpendicular to the drainage and the snag is on the helicopters right side. One of the firefighters establishes communications with the pilot and says that if he doesn't like the drop zone they chose that it is okay to choose his own spot. The pilot acknowledges the firefighter and indicates that he will give it a try. The pilot is not told about the snag. The pilot places both nets on the drop zone; one of the firefighters unhooks their net and re-hooks the load for the other crew. The helicopter begins to lift to depart. Near the top of the snag, the pilot (sitting left seat) slowly turns the nose to the left. The tail of the helicopter strikes the snag causing the helicopter to spin, and impacts the ground just upstream of the drop zone. The pilot is killed.

**Size up** - The snag was cut down and measured at 169'5" tall. Adding the height of the cut bank to the height of the snag, the tree was 172'11" above the drop zone surface. The longline was measured and was 160 feet long. The strike marks were found 15'4" down from the top of the snag.

- ◆ **When you and your crew are sizing up a potential cargo drop zone, what are some methods to estimate tree and obstacle height?**

**L** - A pilots' ability to see their surroundings is fairly limited, especially when looking down at an external load. The ability of the ground personnel to see the helicopter in relation to the surrounding hazards can often be better. When a helicopter pilot is working with an external load, consider yourself and your crew to be a "Lookout" for that pilot just as you would other members of your crew. Watch the main rotor and tail rotor, not just the load. When any hazard encroaches on the safety circle (zone) communicate it immediately. Never assume that the pilot sees it or that someone else will say something. IF YOU SEE SOMETHING...SAY SOMETHING.

- ◆ **In addition to trees and snags, as a lookout for a helicopter, what other hazards will you be looking out for?**

**C** - You and your crew must be able to communicate with the pilot by radio. Before the helicopter arrives at your site, brief the pilot on hazards including trees and their estimated height. It is generally considered better to over-estimate the height than to under-estimate it.

- ◆ **When communicating to a pilot, how do you refer to the direction of a hazard in reference to the helicopter? (IRPG cover)**

**E** - Helicopters delivering external loads via longline will be flying in the Height-Velocity Curve (aka "dead man's curve", [page 11-1 IHOG](#)) which diminishes the pilot's ability to land safely or recover from a loss of control or power.

- ◆ **Consider the pilots and your crews' escape routes if the helicopter were to lose control or power. Where will it go? Where will you go?**

**S** - Consider the safety zone and a safety circle to be very similar places. It needs to be big enough for the helicopter to operate without hazards and is considered to be a minimum of 1 ½ times the rotor diameter. The rotor diameter of this helicopter was 48 feet. The snag was 36 feet from the drop zone marker.

**Refer to page 49 in your IRPG for safety circle sizes. How big should the safety circle (zone) be for a Type III? Type II? Type I?**

*Incident Response Pocket Guide (IRPG) page 52 – Longline Missions*

[2007 FS Aviation Accident Review A-200/300](#)

[USFS Accident Review \(IAT website\) – click thru to page 8 of 9](#)

[USFS Aviation Safety Alert 04-08 – Clearance from Obstacles During External Load Operations](#)

[NTSB Factual Report #SEA04TA158](#)

[Interagency Helicopter Operations Guide \(IHOG\) Chapter 11, Cargo Transport](#)

[A-219 – Interagency Helicopter Transport of External Loads](#) course material (note: A-219 was created in response to this accident)

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

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