National Interagency Coordination Center Incident Management Situation Report Wednesday, August 10, 2016 – 0530 MT National Preparedness Level 3

National Fire Activity	
Initial attack activity:	Light (153 new fires)
New large incidents:	5
Large fires contained:	9
Uncontained large fires:**	27
Area Command Teams Committed:	0
NIMOs committed:	1
Type 1 IMTs committed:	7
Type 2 IMTs committed:	8
**Uncontained large fires include only fire	s being managed under a full suppression
Link to Geographic Area daily reports.	

One MAFFS C-130 air tanker and support personnel each from the 153rd Airlift Wing, (Wyoming Air National Guard) and the 302nd Airlift Wing, (Colorado Springs, Air Force Reserve) have been deployed to Boise, ID in support of wildland fire operations.

strategy.

One Convair 580 airtanker group from British Columbia has been deployed to Billings, MT in support of wildland fire operations.

Great Basin Area (PL 4)

New fires:	19
New large incidents:	0
Uncontained large fires:	6
Type 1 IMTs committed:	1
Type 2 IMTs committed:	2

Pioneer, Boise NF. IMT 1 (Wilkins) and IMT 2 (Chadwick). Eight miles north of Idaho City, ID. Timber. Active fire behavior with torching and spotting. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

Strawberry, Great Basin NP. IMT 2 (DeMasters). Started on BLM land five miles west of Baker, NV. Timber, brush and short grass. Active fire behavior with wind-driven runs and backing. Structures threatened. Road, trail and area closures in effect.

Overland, Ely District Office, BLM. Forty miles northeast of Eureka, NV. Chaparral, brush and short grass. Active fire behavior single tree torching, creeping and smoldering. Road and area closures in effect. Sage grouse habitat threatened.

Dry Creek, Sawtooth NF. Six miles northwest of Stanley, ID. Timber. Moderate fire behavior with spotting. Residences threatened. Trail closures in effect.

Rough, Boise NF. Fourteen miles northeast of Lowman, ID. Timber and short grass. Moderate fire behavior with group torching and short-range spotting. Structures threatened. Last report unless significant activity occurs.

Broad Mouth, Bear River Area, Utah DOF. Fifteen miles northwest of Tremonton, UT. Brush and tall grass. Minimal fire behavior. Structures and sage-grouse habitat threatened. Reduction in acreage due to more accurate mapping.

Lone Pine, Fort Hall Agency, BIA. Ten miles east of Fort Hall, ID. Hardwood litter, brush and short grass. Minimal fire behavior. Road and area closures in effect. Sage grouse habitat threatened.

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Pers	onnel	Resources			Strc	\$\$	Origin
	Offic	Acres	Chge	70	Comp	L31	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Pioneer	ID-BOF	64,351	989	37	Ctn	9/30	1,580	-23	39	61	10	5	31.3M	FS
Strawberry	NV-GBP	4,600	1,600	10	Ctn	8/19	162	82	5	7	1	0	100K	BLM
Overland	NV-ELD	8,910	5,910	10	Ctn	8/13	153	99	5	10	1	0	150K	BLM
Dry Creek	ID-STF	781	52	40	Ctn	8/11	186	2	5	7	3	0	1M	FS
Rough	ID-BOF	1,164	864	10	Comp	9/15	182	137	7	3	1	0	110K	FS
Broad Mouth	UT-BRS	20,616	-3	61	Ctn	8/14	159	-27	5	8	1	3	1.7M	ST
Lone Pine	ID-FHA	9,226	0	92	Ctn	UNK	135	-26	2	18	0	0	700K	BIA
Mac Rae	ID-TFD	6,154	0	100	Ctn		28	-41	0	6	0	0	600K	BLM

TFD – Twin Falls District, BLM

New fires:	27
New large incidents:	1
Uncontained large fires:	4
Type 1 IMTs committed:	3
Type 2 IMTs committed:	2

Soberanes, San Benito-Monterey Unit, Cal Fire. Cal Fire IMT 1 (Derum) and IMT 1 (Vontillow). Seven miles northwest of Big Sur, CA. Timber, chaparral and tall grass. Moderate fire behavior with flanking, creeping and backing. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

Pilot, San Bernardino, NF. IMT 2 (Wakoski). Three miles west of Lake Arrowhead, CA. Timber, chaparral and brush. Active fire behavior with short-range spotting and wind-driven runs. Numerous structures threatened. Evacuations, road, trail and area closures in effect.

* **Mineral**, Fresno-Kings, Cal Fire. Cal Fire IMT 1 (Gouvea). Nine miles southwest of Coalinga, CA. Brush and grass. Extreme fire behavior with long-range spotting. Structures threatened. Evacuations and road closures in effect.

Clark, Inyo NF. IMT 2 (Laeng). IMT is also managing the Rock Creek fire. Seven miles east of June Lake, CA. Timber, brush and short grass. Active fire behavior with spotting, creeping and smoldering. Structures threatened. Road and area closures in effect. Sage grouse habitat threatened.

Incident Name	Unit	Size		%	Ctn/	Est	Perso	Personnel		esource	s	Strc	\$\$	Origin
	Onit	Acres	Chge	70	Comp	L31	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Soberanes	CA-BEU	67,092	6,192	50	Ctn	8/31	4,855	40	104	271	21	68	102.4M	ST
Pilot	CA-BDF	7,736	1,438	6	Ctn	8/14	1,475	623	41	98	0	0	4.7M	FS
* Mineral	CA-KFU	800		10	Ctn	NR	815		22	73	5	0	500K	ST
Clark	CA-INF	2,819	0	85	Ctn	8/10	552	25	10	22	27	0	2.9M	FS
Rock Creek	CA-INF	122	0	100	Ctn		259	-99	7	22	0	0	925K	FS
Goose	CA-KFU	2,241	0	100	Ctn		31	-67	1	0	0	9	10.4M	ST

Northwest Area (PL 3)	
New fires:	5
New large incidents:	3
Uncontained large fires:	7
Type 2 IMTs committed:	3

* **Juntura Complex** (2 fires), Vale District, BLM. IMT 2 (Gales). Complex includes previously reported Sheep Rock and Simmons Gulch fires. Thirty miles southwest of Vale, OR. Brush and tall grass. Moderate fire behavior with uphill runs and backing. Structures and sage grouse habitat threatened.

Rail, Wallowa-Whitman, NF. IMT 2 (Harrod). Five miles west of Unity, OR. Timber. Minimal fire behavior with creeping and backing. Road, trail and area closures in effect. Precipitation occurred over the fire area yesterday.

Kewa, Colville Agency, BIA. IMT 2 (Goff). Thirty-one miles southwest of Colville, WA. Timber, closed timber litter and brush. Minimal fire behavior. Evacuations, road and area closures in effect. Reduction in acreage due to more accurate mapping.

Orejana Flat, Burns District, BLM. Thirty miles northeast of Frenchglen, OR. Timber, brush and tall grass. Minimal fire behavior. Structures and sage grouse habitat threatened.

* **Gibbon**, Pendleton Unit, ODF. Twenty miles east of Pendleton, OR. Timber, brush and short grass. Minimal fire behavior with backing.

Lower Crab Creek, Spokane District, BLM. Six miles north of Mattawa, WA. Brush and grass. Minimal fire behavior. Reduction in acreage due to more accurate mapping. Last report unless significant activity occurs.

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Perso	onnel	Re	source	es	Strc	\$\$	Origin
incluent Name	Offic	Acres	Chge		Comp	Loi	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
* Juntura Complex	OR-VAD	24,301		51	Ctn	8/14	431		11	20	4	0	350K	BLM
Rail	OR-WWF	11,405	703	10	Ctn	8/31	768	3	21	30	7	0	6.2M	FS
Kewa	WA-COA	1,889	-23	75	Ctn	8/12	497	-84	14	11	1	0	3.6M	BIA
Orejana Flat	OR-BUD	900	0	40	Ctn	8/11	137	-8	5	6	0	0	300K	BLM
* Gibbon	OR-973S	155		20	Ctn	8/12	60		3	4	2	0	279K	ST
Lower Crab Creek	WA-SPD	6,000	-319	98	Ctn	UNK	30	-65	0	5	0	0	750K	BLM
Fletcher Road	WA-WFS	9,168	0	100	Ctn		52	-108	1	8	0	0	353K	ST
* Palouse Falls	WA-WFS	4,033		100	Ctn		82		1	16	0	0	60K	ST
Bybee Creek	OR-CLP	1,072	0	100	Ctn		116	-143	4	2	2	0	4.7M	NPS
Weigh Station	OR-973S	688	0	100	Ctn		0	-47	0	0	0	2	1.6M	ST

WFS – Washington State Fire Marshal's Office

CLP – Crater Lake NP

Northern Rockies Area (PL 3)

New fires:	21
New large incidents:	0
Uncontained large fires:	2
Type 1 IMTs committed:	1
Type 2 IMTs committed:	1

Roaring Lion, Bitterroot NF. Transfer of command from IMT 1 (Poncin) back to the local unit will occur today. Five miles southwest of Hamilton, MT. Timber. Minimal fire behavior. Numerous structures threatened. Evacuations, road, trail and area closures in effect.

Copper King, Lolo NF. IMT 2 (Thompson). Seven miles east of Thompson Falls, MT. Timber. Minimal fire behavior. Residences threatened. Road, area and trail closures in effect. Precipitation occurred over the fire area yesterday.

Race Horse Gulch, Flathead Agency, BIA. Twenty-two miles east of Plains, MT. Timber and tall grass. Minimal fire behavior with single tree torching.

Incident Name	Unit	Size		%	Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin
		Acres	Chge	70	Comp	230	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Roaring Lion	MT-BRF	8,274	4	60	Comp	9/30	518	-102	12	15	8	65	7.2M	FS
Copper King	MT-LNF	1,465	0	18	Ctn	10/31	369	-18	9	12	6	0	5M	FS
Race Horse Gulch	MT-FHA	4,571	0	30	Ctn	8/15	156	40	7	2	0	0	450K	BIA

Rocky Mountain (PL 3)

New fires:	23
New large incidents:	0
Uncontained large fires:	1
Type 1 IMTs Committed:	1
NIMOs Committed:	1

Whit, Park County. Transfer of command from IMT 1 (Pechota) back to the local unit will occur tomorrow. Started on BLM land 12 miles west of Cody, WY. Timber, brush and tall grass. Moderate fire behavior with torching, creeping and running. Structures threatened. Trail and area closures in effect.

Beaver Creek, Routt NF. NIMO (Quesinberry). Twenty-four miles north of Walden, CO. Timber and brush. Moderate fire behavior with crowning, spotting and running. Numerous structures threatened. Evacuations, road, area and trail closures in effect. Sage grouse habitat threatened.

Lava Mountain, Shoshone NF. Twenty miles northwest of Dubois, WY. Timber, heavy logging slash and short grass. Moderate fire behavior with single tree torching, creeping and backing. Road and trail closures in effect.

Incident Name	Unit	Size		%	Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin
		Acres	Chge	70	Comp	201	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Whit	WY-PAX	12,276	182	84	Ctn	8/24	470	-169	9	22	6	8	5.1M	BLM
Beaver Creek	CO-RTF	35,429	34	28	Ctn	10/21	232	-20	1	29	4	17	18.6M	FS
Lava Mountain	WY-SHF	14,644	0	90	Ctn	9/1	208	-23	2	17	2	0	17.9M	FS

Northern California (PL 3)

New fires:	29
New large incidents:	0
Uncontained large fires:	1
Type 1 IMTs committed:	1

Cold, Sonoma –Lake Napa Unit, Cal Fire. Transfer of command from IMT 1 (Estes) back to local unit will occur today. Seven miles west of Winters, CA. Chaparral and grass. Minimal fire behavior. Road and area closures in effect.

Incident Name Unit		Siz	ze	%	Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin
incluent Name	Offic	Acres	Chge	70	Comp	230	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Cold	CA-LNU	5,731	0	95	Ctn	8/10	642	-306	14	25	2	2	9.7M	ST

Southern Area (PL 2)

New fires:	14
New large incidents:	1
Uncontained large fires:	2

* Horse Creek Ranch, Texas A&M Forest Service. Started on private land 10 miles southeast of Paint Rock, TX. Brush and tall grass. Active fire behavior with torching and running. Structures threatened.

Hognose, Sabine National Wildlife Refuge, FWS. Twenty-nine miles southwest of Lake Charles, LA. Tall grass. Minimal fire behavior. Precipitation occurred over the fire area yesterday.

Incident Name	Unit	Size		%	Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin
		Acres	Chge	70	Comp	201	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
* Horse Creek Ranch	TX-TXS	1,500		10	Ctn	8/11	36		0	2	1	0	NR	PRI
Hognose	LA-SBR	502	0	50	Ctn	8/12	17	0	0	0	1	0	48K	FWS
Cronton	TX-TXS	2,106	906	100	Ctn		4	-8	0	0	0	0	NR	PRI
La Gloria	TX-TXS	619	0	100	Ctn		1	-1	0	0	0	0	NR	ST

Southwest Area (PL 2)

New fires:	14
New large incidents:	0
Uncontained large fires:	1

Imperial, Imperial National Wildlife Refuge, FWS. Fourteen miles north of Yuma, AZ. Brush, hardwood litter and tall grass. No new information. Last report unless new information is received.

Incident Name	Unit	Siz	ze %		Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin
		Acres	Chge	70	Comp	230	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Imperial	AZ-IMR	100		70	Ctn	8/19	5		0	1	0	0	330K	FWS

Eastern Area (PL 1)

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

Poverty Island, Michigan Agency, BIA. Started on BLM land 17 miles south of Garden, MI. Heavy logging slash. No new information.

Incident Name	Unit	Size %		Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin	
incluent Name		Acres	Chge	70	Comp	231	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Poverty Island	MI-MIA	127		20	Ctn	UNK	15		0	0	0	0	200K	BLM

Active	Incid	ent Resource Si	ummar	у		
GACC	Fires	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AICC	0	0	0	0	0	0
NWCC	20	245,856	60	145	15	2,326
ONCC	1	5,731	14	25	2	642
OSCC	8	122,352	191	502	54	8,235
NRCC	18	21,033.6	36	67	20	1,476
GBCC	18	167,543.4	76	139	22	2,924
SWCC	8	20,233	0	13	1	157
RMCC	7	80,704.1	14	74	13	1,021
EACC	0	0	0	0	0	0
SACC	9	11,668	0	9	2	90
Total	89	675,121.1	391	974	129	16,871

						,		
Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	0	0	0	0	1	1
Alaska Alea	ACRES	0	0	0	0	0	0	0
Northwest Area	FIRES	1	0	0	0	1	3	5
Northwest Area	ACRES	1	0	0	0	1	4	6
Northern California Area	FIRES	0	0	0	0	28	1	29
Northern California Area	ACRES	0	0	0	0	352	2	354
Southern California Area	FIRES	0	1	0	0	24	2	27
Southern California Area	ACRES	5,963	0	0	0	2,907	20	8,890
Northern Rockies Area	FIRES	3	2	0	0	7	9	21
Nonnem Rockies Area	ACRES	0	31	0	0	81	6	118
Great Basin Area	FIRES	2	6	0	0	4	7	19
Great Dasin Area	ACRES	0	6,753	0	2,800	369	1,870	11,792
Southwest Area	FIRES	0	1	0	0	4	9	14
Southwest Area	ACRES	0	0	0	0	17	2	19
Rocky Mountain Area	FIRES	0	9	0	0	6	8	23
Rocky Mountain Area	ACRES	0	41	0	0	191	4	236
Eastern Area	FIRES	0	0	0	0	0	0	0
Easielli Alea	ACRES	0	0	0	0	0	0	0
Southorn Aroa	FIRES	2	0	0	0	11	1	14
Southern Area	ACRES	15	0	0	0	4,533	1	4,549
TOTAL FIRES:		8	19	0	0	85	41	153
TOTAL ACRES:		5,979	6,825	0	2,800	8,451	1,909	25,964

Fires and Acres Yesterday (by Protection):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaaka Araa	FIRES	0	178	0	0	335	13	526
Alaska Area	ACRES	0	392,566	0	0	104,823	3	497,392
Northwest Area	FIRES	243	146	22	22	907	428	1,768
Northwest Area	ACRES	10,856	101,336	249	1,331	5,943	12,020	131,735
Northern California Area	FIRES	82	5	1	23	1,755	268	2,134
Northern California Area	ACRES	134	11	1	3	28,378	8,736	37,263
Southern California Area	FIRES	11	67	6	32	2,169	250	2,535
	ACRES	5,971	26,855	269	1,067	82,669	90,567	207,398
Northern Rockies Area	FIRES	550	76	9	22	849	269	1,775
Northern Rockies Area	ACRES	3,470	3,548	1,426	1,852	32,952	14,862	58,110
Great Basin Area	FIRES	21	513	6	28	450	318	1,336
Gleat Dasili Alea	ACRES	9,320	230,855	3	3,170	72,449	115,967	431,764
Southwest Area	FIRES	600	210	10	58	924	945	2,747
Southwest Area	ACRES	25,964	67,159	6,975	32,166	129,951	236,061	498,276
Pooky Mountain Araa	FIRES	595	326	11	17	869	351	2,169
Rocky Mountain Area	ACRES	21,344	22,300	614	2,017	474,180	66,077	586,532
Eastern Area	FIRES	490	0	25	19	5,218	359	6,111
Eastern Area	ACRES	2,007	0	1,087	910	30,662	7,154	41,820
Southorn Area	FIRES	341	0	25	54	14,464	436	15,320
Southern Area	ACRES	132,782	0	245	27,567	908,555	43,343	1,112,492
TOTAL FIRES:		2,933	1,521	115	275	27,940	3,637	36,421
TOTAL ACRES:		211,848	844,630	10,869	70,083	1,870,562	594,790	3,602,782

Ten Year Average Fires (2006 – 2015 as of today)	47,934
Ten Year Average Acres (2006 – 2015 as of today)	4,492,731

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
Southern California Area	ACRES	0	0	0	0	0	0	0
Northern Rockies Area	FIRES	0	0	0	0	0	0	0
Northern Rockies Area	ACRES	0	0	0	0	0	0	0
Croot Booin Aroo	FIRES	0	0	0	0	0	0	0
Great Basin Area	ACRES	0	0	0	0	0	0	0
Southwoot Aroo	FIRES	0	0	0	0	0	0	0
Southwest Area	ACRES	0	0	0	0	0	0	0
Backy Mountain Area	FIRES	0	0	0	0	0	0	0
Rocky Mountain Area	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	16	0	16
	ACRES	0	0	0	0	186	0	186
TOTAL FIRES:		0	0	0	0	16	0	16
TOTAL ACRES:		0	0	0	0	186	0	186

Prescribed Fires and Acres Yesterday (by Ownership):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	7	0	0	2	1	10
	ACRES	0	31,664	0	0	1,566	38	33,268
Northwest Area	FIRES	9	22	6	0	0	152	189
	ACRES	8,752	1,991	356	0	0	24,097	35,196
Northern California Area	FIRES	4	1	9	8	0	126	148
	ACRES	41	90	3,356	328	0	8,244	12,059
Southern California Area	FIRES	0	5	4	1	0	136	146
	ACRES	0	71	422	760	0	3,587	4,840
Northern Rockies Area	FIRES	12	12	53	11	14	149	251
Northern Rockies Area	ACRES	5,316	4,358	12,318	651	698	14,894	38,235
Great Basin Area	FIRES	4	22	6	5	36	74	147
	ACRES	110	2,296	3,584	128	915	26,112	33,145
Southwest Area	FIRES	8	30	3	8	1	110	160
Southwest Area	ACRES	894	22,071	92	2,331	2	62,663	88,053
Rocky Mountain Area	FIRES	16	33	58	24	76	69	276
Rocky Mountain Area	ACRES	1,286	2,908	26,221	10,952	4,482	27,771	73,620
Eastern Area	FIRES	87	0	347	23	900	182	1,539
	ACRES	45,614	0	50,949	5,774	61,444	56,182	219,963
Southern Area	FIRES	17	0	182	65	10,148	914	11,326
Southern Area	ACRES	1,830	0	160,866	51,546	667,757	831,657	1,713,656
TOTAL FIRES:		157	132	668	145	11,177	1,913	14,192
TOTAL ACRES:		63,843	65,449	258,164	72,470	736,864	1,055,245	2,252,035

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

*** 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	HECTARES	FIRES	HECTARES
	YESTERDAY	YESTERDAY	YEAR-TO-DATE	YEAR-TO-DATE
BRITISH COLUMBIA	11	0	752	93,969
YUKON TERRITORY	0	0	49	16,375
ALBERTA	4	0	1,178	611,709
NORTHWEST				
TERRITORY	1	1	177	193,824
SASKATCHEWAN	1	10,607	346	230,966
MANITOBA	1	2	184	35,571
ONTARIO	12	14	554	86,829
QUEBEC	4	5	506	32,603
NEWFOUNDLAND	0	0	79	10,959
NEW BRUNSWICK	4	15	253	253
NOVA SCOTIA	1	173	223	628
PRINCE EDWARD				
ISLAND	0	0	6	19
NATIONAL PARKS	0	0	52	6,434
TOTALS	39	10,817	4,359	1,320,139

* 1 Hectare = 2.47 Acres

<u>Predictive Services Discussion:</u> Scattered showers and thunderstorms will form across the Southwest with heavy rain possible in southern and central Arizona. A few thunderstorms will form over the central Rockies. An upper low moving along the Canadian border will produce showers and a few thunderstorms over northern Idaho and northern Montana to northern Minnesota. In the East, a low pressure system in the northern Gulf will produce rain and thunderstorms across most of the Southeast while a front in the north brings rain and thunderstorms from the Mississippi Valley to New England. Mild weather will continue over the northwestern U.S. while hot conditions remain over the far Southwest and across the Plains. The eastern U.S. will be warm. Scattered showers and a few thunderstorms will continue in the southern half of Alaska. Temperature will be mild statewide.

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



ON A HILLSIDE WHERE ROLLING MATERIAL CAN IGNITE FUEL BELOW

Operational Engagement Category

When firefighters find themselves in Watchout Situation #13, they must answer the following questions:

- Can you locate/construct a line to prevent material from rolling below? What do you call line that catches rolling material? Describe how you would construct this type of line and what factors you would have to consider (e.g., slope, fuels, etc.)
- Will you get enough warning of rolling material to prevent being hit by it? Who needs to be watching for rolling material? What kinds of warning systems could you establish?
- Can you see where any material that rolls below you goes and what it does? What can happen when material rolls out of the fire and below you out of view? What needs to be done to mitigate this danger?
- Is the area free of large amounts of flashy fuels? Review the Common Denominators of Tragedy Fires.
- Is the area free of chimneys, gullies, and steep slopes? Review the Common Denominators of Tragedy Fires.
- Do you have two escape routes so you can go either way? Talk about where your most likely escape routes and safety zones will be when you are on a hillside where rolling material can ignite fuel below.
- To reduce the risks:
 - Post lookouts.
 - Consider locating line in a defensible position.
 - Talk about steep fires where you have had material rolling out below you and how you dealt with it.

References:

Interagency Standards for Fire and Fire Aviation Operations Incident Response Pocket Guide