National Interagency Coordination Center Incident Management Situation Report Tuesday, July 14, 2015 - 0530 MT National Preparedness Level 3

National Fire Activity

Initial attack activity:	Light (136 new fires)
New large incidents:	6
Large fires contained:	3
Uncontained large fires: **	12
Area Command Teams committed:	0
NIMOs committed:	1
Type 1 IMTs committed:	1
Type 2 IMTs committed:	7

^{**} Uncontained large fires include only fires being managed under a full suppression strategy.

Link to Geographic Area daily reports.

Three wildland fire suppression crews and seven fireline management personnel are assigned to support large fires in Alberta, Canada. Two wildland fire suppression crews and twenty-three fireline management personnel are assigned to support large fires in Saskatchewan, Canada.

Alaska Area (PL 4)

New fires:	5
New large incidents:	4
Uncontained large fires:	1
Type 2 IMTs committed:	4

Aggie Creek, Fairbanks Area Forestry, DOF. IMT 2 (Nieto). Thirty miles northwest of Fairbanks, AK. Timber. Moderate fire behavior with flanking, creeping and smoldering. Structures threatened. Area and trail closures in effect. Precipitation occurred over the fire area yesterday.

Tanana Area Fires (5 fires), Tanana Zone, BLM. IMT 2 (Grant). Started on native corporation land seven miles northeast of Tanana, AK. Timber. Active fire behavior with crowning, running and creeping. Numerous structures threatened. Evacuations in effect. Precipitation occurred over the fire area yesterday.

Middle Yukon Fires (4 fires), Galena Zone, BLM. Transfer of command from IMT 2 (Hutton) back to the local unit will occur today. Started on native corporation land two miles north of Nulato, AK. Timber, brush and short grass. Minimal fire behavior with backing, creeping and smoldering. Structures threatened. Precipitation occurred over the fire area yesterday. Reduction in acreage due to more accurate mapping.

Baker, Tanana Zone, BLM. IMT 2 (Greer). IMT is also managing the Hay Slough fire. Started on state land four miles southwest of Eureka, AK. Timber. Moderate fire behavior with short-range spotting, single tree torching and backing. Structures threatened.

Hay Slough, Tanana Zone, BLM. Fourteen miles southeast of Tanana, AK. Timber. Moderate fire behavior with single tree torching and backing. Structures threatened.

Aniak Complex (4 fires), Southwest Area Forestry, DOF. One mile east of Aniak, AK. Timber. Moderate fire behavior. Numerous structures threatened. Precipitation occurred over the fire area yesterday.

Rex Complex (2 fires), Fairbanks Area Forestry, DOF. Started on private land seven miles southeast of Clear, AK. Timber. Moderate fire behavior. Structures threatened. Road and trail closures in effect.

Sea, Tanana Zone, BLM. Previously reported incident. Forty miles west of Lake Minchumina, AK. Timber. Minimal fire behavior with short-range spotting and backing. Last report unless significant activity occurs.

Rock, Tanana Zone, BLM. Started on native corporation land nine miles southeast of Hughes, AK. Timber. Active fire behavior with single tree torching and creeping. Numerous structures threatened. Precipitation occurred over the fire area yesterday.

Tetlin Hills, Tok Area Forestry, DOF. Eight miles southeast of Tok, AK. Timber. Moderate fire behavior with single tree torching, creeping and smoldering. Structures threatened.

Long Lake, Tok Area Forestry, DOF. Started on BIA land two miles east of Northway, AK. Timber. Moderate fire behavior with creeping and smoldering. Structures threatened.

Chahalie Lake, Upper Yukon Zone, BLM. Previously reported incident. Started on native corporation land 10 miles northeast of Chalkyitsik, AK. Timber. Minimal fire behavior with smoldering. Precipitation occurred over the fire area yesterday. Last report unless significant activity occurs.

Owhat River, Southwest Area Forestry, DOF. Previously reported incident. Started on BLM land 14 miles north of Aniak, AK. Short grass. Minimal fire behavior. Last report unless significant activity occurs.

Fog River, Southwest Area Forestry, DOF. Previously reported incident. Started on FWS land 15 miles southeast of Tuluksak, AK. Brush and short grass. Minimal fire behavior. Last report unless significant activity occurs.

Kwethluk River # 2, Southwest Area Forestry, DOF. Previously reported incident. Started on native corporation land six miles southeast of Kwethluk, AK. Short grass. Minimal fire behavior. Last report unless significant activity occurs.

Titna, Tanana Zone, BLM. Previously reported incident. Thirty-two miles northwest of Lake Minchumina, AK. Timber. Minimal fire behavior. Last report unless significant activity occurs.

Birch Creek 2, Upper Yukon Zone, BLM. Previously reported incident. Eleven miles southeast of Circle Hot Springs, AK. Timber. Minimal fire behavior with smoldering. Structures threatened. Last report unless significant activity occurs.

* Lawson, Tanana Zone, BLM. Started on FWS land 43 miles northwest of Lake Minchumina, AK. Timber. Minimal fire behavior. Last report unless significant activity occurs.

Crazy Slough, Upper Yukon Zone, BLM. Previously reported incident. Started on FWS land 30 miles northwest of Fort Yukon, AK. Timber. Minimal fire behavior. Last report unless significant activity occurs.

- * Frisky Creek, Tanana Zone, BLM. Twenty-eight miles south of Wiseman, AK. Closed timber litter. Minimal fire behavior. Last report unless significant activity occurs.
- * **Big Creek 3**, Tanana Zone, BLM. Started on state land 45 miles northeast of Ruby, AK. Closed timber litter. Minimal fire behavior. Last report unless significant activity occurs.

* **Healy River**, Delta Area Forestry, DOF. Thirty miles southeast of Delta, AK. Timber. Minimal fire behavior. Structures threatened. Last report unless significant activity occurs.

Incident	Unit	Si		%	Ctn /	Est		onnel		ource		Strc	\$\$ CTD	Origin
Name	Onit	Acres	Chge	70	Comp	ESI	Total	Chge	Crews	Eng	Heli	Lost	39 CID	Own
Aggie Creek	AK-FAS	31,885	130	39	Comp	NR	500	5	15	6	6	0	8.8M	ST
Tanana Area Fires	AK-TAD	468,483	14,668	0	Comp	NR	278	29	6	0	2	0	7.6M	TRI
Middle Yukon Fires	AK-GAD	344,237	-43,398	0	Comp	NR	118	-35	2	0	2	0	2.2M	TRI
Baker	AK-TAD	26,970	5,155	75	Comp	NR	245	-20	9	2	1	0	2M	ST
Hay Slough	AK-TAD	83,053	8,713	0	Comp	NR	8	0	0	2	0	0	22K	BLM
Aniak Complex	AK-SWS	153,268	4,338	8	Comp	NR	195	23	8	0	3	1	5.1M	ST
Rex Complex	AK-FAS	16,389	0	65	Comp	NR	230	55	8	1	1	8	NR	PRI
Sea	AK-TAD	109,062	64,056	0	Comp	NR	0	0	0	0	0	0	5K	BLM
Rock	AK-TAD	60,019	0	0	Comp	NR	85	9	5	0	1	0	363K	TRI
Tetlin Hills	AK-TAS	1,878	0	60	Ctn	7/22	214	-28	7	0	2	0	5.2M	ST
Long Lake	AK-TAS	23,430	0	20	Comp	7/25	110	0	4	1	0	0	3.3M	BIA
Chahalie	AK-UYD	56,834	51,278	40	Comp	NR	23	-6	1	0	0	0	135K	TRI
Owhat River	AK-SWS	39,550	13,897	0	Comp	NR	0	0	0	0	0	0	4K	BLM
Fog River	AK-SWS	33,055	16,483	0	Comp	NR	0	0	0	0	0	0	1K	FWS
Kwethluk River # 2	AK-SWS	22,670	15,103	0	Comp	NR	0	0	0	0	0	0	8K	TRI
Titna	AK-TAD	18,694	6,035	0	Comp	NR	0	-1	0	0	0	0	3K	BLM
Birch Creek 2	AK-UYD	18,164	3,309	0	Comp	NR	0	0	0	0	0	0	2K	BLM
* Lawson	AK-TAD	16,232		0	Comp	NR	0		0	0	0	0	1K	FWS
Crazy Slough	AK-UYD	8,019	7,920	0	Comp	NR	0	-1	0	0	0	0	6K	FWS
* Frisky Creek	AK-TAD	3,033		0	Comp	NR	0		0	0	0	0	1K	BLM
* Big Creek 3	AK-TAD	1,251		0	Comp	NR	1		0	0	0	0	2K	ST
* Healy River	AK-DAS	654		0	Comp	NR	0		0	0	0	0	4K	ST

Northwest Area (PL 3)

New fires:	28
New large incidents:	0
Uncontained large fires:	4
NIMOs committed:	1
Type 1 IMTs committed:	1
Type 2 IMTs committed:	2

Newby Lake, Okanogan-Wenatchee NF. IMT 1 (Lewis). Timber, light logging slash and closed timber litter. Minimal fire behavior with backing, creeping and smoldering. Road, area and trail closures in effect.

Douglas County Complex (2 fires), Spokane District, BLM. Four miles east of Palisades, WA. Brush. Minimal fire behavior. Structures and sage-grouse habitat threatened. Reduction in acreage due to more accurate mapping.

153 West Fork, Malheur NF. Ten miles southeast of Dayville, OR. Timber. Minimal fire behavior. Structures threatened. Road, area and trail closures in effect.

Paradise, Olympic NP. Transfer of command from NIMO (Hahnenberg) back to the local unit will occur today. Thirteen miles north of Quinault, WA. Timber. Minimal fire behavior with creeping. Area and trail closures in effect.

Mt Adams Complex (4 fires), Gifford Pinchot NF. IMT 2 (Gales). Fifteen miles northwest of Trout Lake, WA. Timber, closed timber litter, hardwood slash and dormant brush. Minimal fire behavior with single tree torching, creeping and smoldering. Area and trail closures in effect.

Wolverine, Okanogan-Wenatchee NF. Three miles northwest of Lucerne, WA. Timber. Minimal fire behavior. Numerous structures threatened. Trail closures in effect.

Corner Creek, Ochoco NF. IMT 2 (Fillis). Eleven miles south of Dayville, OR. Timber, light logging slash and short grass. No new information.

Incident	Unit	Si	ze	%	Ctn /	Est	Perso	onnel	Reso	ource	s	Strc	\$\$ CTD	Origin
Name	Unit	Acres	Chge	70	Comp	EST	Total	Chge	Crews	Eng	Heli	Lost	22 CID	Own
Newby Lake	WA-OWF	5,065	0	15	Comp	NR	537	-154	12	17	8	0	3.5M	FS
Douglas County Complex	WA-SPD	22,212	-488	80	Ctn	7/16	276	117	7	21	0	0	1.5M	BLM
153 West Fork	OR-MAF	770	0	15	Comp	NR	25	-112	1	0	0	0	1.3M	FS
Paradise	WA-OLP	1,590	0	21	Comp	9/30	130	7	1	0	2	0	2M	NPS
Mt Adams Complex	WA-GPF	403	0	83	Comp	11/01	231	3	5	1	4	0	3.7M	FS
Wolverine	WA-OWF	314	0	0	Ctn	NR	71	-21	2	0	1	0	887K	FS
Corner Creek	OR-OCF	29,407		80	Ctn	NR	334		8	11	2	1	12M	FS
Geneva 15	OR-PRD	875		100	Ctn		28		1	2	0	0	50K	TRI

PRD - Prineville District, BLM

Northern Rockies Area (PL 2)

New fires:	13
New large incidents:	1
Uncontained large fires:	4
Type 2 IMTs committed:	1

Cape Horn, Pend Oreille Field Office, IDL. IMT 2 (Fry). Three miles northeast of Bayview, ID. Timber. Minimal fire behavior with backing and creeping. Structures threatened. Road closures in effect.

Granite, Idaho Panhandle NF. Five miles northwest of Nordman, ID. Timber. Moderate fire behavior with creeping.

Bales, Miles City Field Office, BLM. Started on private land 40 miles southwest of Ashland, MT. Timber and brush. No new information.

Big Sarpy, Big Horn County. Twenty-three miles northeast of Hardin, MT. Timber and brush. No new information.

Incident	Unit	Si	ze	%	Ctn /	Est	Perso	onnel	Reso			Strc	\$\$ CTD	Origin
Name	Onit	Acres	Chge	70	Comp	Comp	Total	Chge	Crews	Eng	Heli	Lost	33 CID	Own
Cape Horn	ID-POS	1,326	0	60	Ctn	7/15	510	11	13	23	4	12	4.2M	ST
Granite	ID-IPF	207	0	75	Ctn	NR	80	20	3	2	1	0	977K	FS
Bales	MT-MCD	6,700		20	Ctn	7/15	63		0	22	1	2	650K	PRI
Big Sarpy	MT-LG22	400		0	Ctn	NR	8		0	3	0	0	50K	C&L
South Sarpy	MT-SOS	4,963		100	Ctn		30		0	12	0	0	300K	C&L
* Horse	MT-MCD	114		100	Ctn	NR	9		0	3	0	0	30K	FS

SOS - Southern Land Office, DNR

Southern Area (PL 2)

New fires:13New large incidents:1Uncontained large fires:2

Last Dance, Arthur R. Marshall/Loxahatchee National Wildlife Refuge, FWS. Eight miles west of Wellington, FL. Tall grass. Active fire behavior. Structures threatened.

Incident	Unit	Size		%	Ctn /	Est	Personnel		Resources			Strc	\$\$ CTD	Origin
Name	Ollit	Acres	Chge	/0	Comp	ESI	Total	Chge	Crews	Eng	Heli	Lost	39 CID	Own
* Otter Creek	FL-SMR	1,010		59	Ctn	NR	12		0	3	0	0	10K	FWS
Last Dance	FL-LXR	10,300	0	85	Ctn	NR	9	0	0	1	1	0	65K	FWS

^{*} Otter Creek, St. Marks National Wildlife Refuge, FWS. Two miles northwest of Panacea, FL. Southern rough. Moderate fire behavior.

Southern California Area (PL 2)

New fires:27New large incidents:0Uncontained large fires:1

Lake, San Bernardino NF. Two miles south of Seven Oaks, CA. Timber. Minimal fire behavior. Road, area and trail closures in effect.

Incident	Unit	Size		0/	o/ Ctn /	Ctn /	Ctn /	% Ctn /		Perso	onnel	Res	ource	s	Strc	\$\$ CTD	Origin
Name	Offic	Acres	Chge	70	Comp	Est	Total	Chge	Crews	Eng	Heli	Lost	39 CID	Own			
Lake	CA-BDF	31,359	0	98	Ctn	NR	180	-115	5	5	3	4	42.2M	FS			

Active	Incid	lent Resource Si	ummar	у		
GACC	Fires	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AKCC	55	1,898,282	74	13	24	2,239
NWCC	26	91,715	75	133	30	3,159
ONCC	0	0	0	0	0	0
oscc	4	31,641	19	41	7	679
NRCC	14	20,432	24	75	12	936
GBCC	12	27,722	1	10	3	102
SWCC	3	19,758	1	2	1	37
RMCC	5	1	0	0	0	2
EACC	0	0	0	0	0	0
SACC	14	26,518	0	9	5	69
Total	133	2,116,070	194	283	82	7,223

Fires and Acres Yesterday (by Protection):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	1	0	0	4	0	5
Alaska Alea	ACRES	0	0	0	0	175	0	175
Northwest Area	FIRES	0	3	0	0	9	16	28
Northwest Alea	ACRES	0	1	0	2	4	1	8
Northern California Area	FIRES	0	0	0	0	11	8	19
Northern California Area	ACRES	0	0	0	0	6	0	6
Southern California Area	FIRES	0	0	0	0	17	10	27
Southern Camornia Area	ACRES	0	0	0	0	26	0	26
Northern Rockies Area	FIRES	1	0	0	0	1	11	13
Northern Rockies Area	ACRES	0	0	0	0	0	2	2
Great Basin Area	FIRES	0	9	0	0	4	5	18
Gleat basiii Alea	ACRES	0	0	0	0	0	0	0
Southwest Area	FIRES	0	1	0	0	2	1	4
Southwest Area	ACRES	0	2	0	0	51	60	113
Poolsy Mountain Area	FIRES	7	1	0	0	1	0	9
Rocky Mountain Area	ACRES	3	0	0	0	1	0	4
Eastern Area	FIRES	0	0	0	0	0	0	0
Eastern Area	ACRES	0	0	0	0	0	0	0
Southern Area	FIRES	0	0	1	0	12	0	13
Southern Area	ACRES	0	0	1,010	0	147	0	1,157
TOTAL FIRES:		8	15	1	0	61	51	136
TOTAL ACRES:		3	3	1,010	2	410	63	1,491

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	237	0	0	406	21	664
Alaska Alea	ACRES	0	3,344,651	0	0	1,101,741	775	4,447,167
Northwest Area	FIRES	95	92	22	43	822	631	1,705
Northwest Area	ACRES	7,190	20,594	161	1,704	4,363	29,420	63,432
Northern California Area	FIRES	105	14	4	19	1,636	478	2,256
Northern Camornia Area	ACRES	118	142	354	1	5,195	2,288	8,098
Southern California Area	FIRES	16	36	11	32	1,918	288	2,301
Southern California Area	ACRES	16	1,906	12	99	13,930	35,417	51,380
Northern Rockies Area	FIRES	632	34	2	2	602	309	1,581
Northern Rockies Area	ACRES	4,028	8,281	564	3	64,141	5,672	82,689
Great Basin Area	FIRES	24	397	3	20	326	227	997
Great Basiii Area	ACRES	15	30,501	0	51	6,174	20,512	57,253
Couthwest Area	FIRES	347	122	4	23	392	505	1,393
Southwest Area	ACRES	41,285	2,498	4	3,737	16,105	75,383	139,012
Booky Mountain Area	FIRES	345	140	11	15	577	101	1,189
Rocky Mountain Area	ACRES	13,079	389	170	7,408	62,705	729	84,480
Costorn Aron	FIRES	527	0	29	14	5,323	334	6,227
Eastern Area	ACRES	2,181	0	2,102	547	43,851	5,490	54,171
Couthorn Area	FIRES	284	0	11	11	13,118	237	13,661
Southern Area	ACRES	35,503	0	2,093	183	158,075	12,497	208,351
TOTAL FIRES:		2,375	1,072	97	179	25,120	3,131	31,974
TOTAL ACRES:		103,415	3,408,962	5,460	13,733	1,476,280	188,183	5,196,033

Ten Year Average Fires (2005 – 2014 as of today)	40,722
Ten Year Average Acres (2005 – 2014 as of today)	2,987,569

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
Northern Rockies Area	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	1	0	0	0	14	0	15
	ACRES	130	0	0	0	115	0	245
TOTAL FIRES:		1	0	0	0	14	0	15
TOTAL ACRES:		130	0	0	0	115	0	245

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	5	0	0	2	0	7
	ACRES	0	3,965	0	0	988	0	4,953
Northwest Area	FIRES	7	28	3	2	0	147	187
	ACRES	2,457	17,778	51	49	0	23,534	43,869
Northern California Area	FIRES	0	0	12	11	0	113	136
	ACRES	0	143	5,173	190	0	7,734	13,240
Southorn California Area	FIRES	0	3	4	2	0	100	109
Southern California Area	ACRES	0	78	495	83	0	1,860	2,516
Northern Rockies Area	FIRES	10	31	28	4	5	118	196
	ACRES	3,651	10,580	12,835	1,590	728	17,735	47,119
Great Basin Area	FIRES	1	24	1	6	31	50	113
	ACRES	24	1,449	1,060	85	1,713	17,315	21,646
Southwest Area	FIRES	14	20	8	7	0	123	172
	ACRES	588	18,879	2,436	4,606	0	72,260	98,769
Rocky Mountain Area	FIRES	17	34	57	11	47	80	246
	ACRES	2,075	6,299	15,899	1,153	2,132	22,351	49,909
Eastern Area	FIRES	30	0	251	22	1,371	157	1,831
	ACRES	39,398	0	32,889	6,637	65,420	49,704	194,048
Southern Area	FIRES	85	0	140	11	7,787	694	8,717
	ACRES	16,313	0	111,438	14,261	486,385	608,995	1,237,392
TOTAL FIRES:		164	145	504	76	9,243	1,582	11,714
TOTAL ACRES:		64,506	59,171	182,276	28,654	557,366	821,488	1,713,461

^{***} 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	52	18,017	1,072	283,527	
YUKON TERRITORY	0	0	179	174,000	
ALBERTA	23	1,772	1,395	482,831	
NORTHWEST					
TERRITORY	3	47,332	203	434,800	
SASKATCHEWAN	7	5,831	621	1,059,688	
MANITOBA	15	1,682	330	34,665	
ONTARIO	12	176	358	35,158	
QUEBEC	3	0	300	4,116	
NEWFOUNDLAND	0	0	107	6,269	
NEW BRUNSWICK	1	6	180	244	
NOVA SCOTIA	2	20	208	492	
PRINCE EDWARD					
ISLAND	0	0	4	2	
NATIONAL PARKS	2	24,518	84	508,065	
TOTALS	120	99,353	5,041	3,023,856	

^{* 1} Hectare = 2.47 Acres

<u>Predictive Services Discussion</u>: A weak upper level trough will bring Isolated to scattered showers and thunderstorms over portions of the Intermountain West again today. Thunderstorms will also develop over the southern and central Rockies. Another low pressure system over the Eastern U.S. will bring widespread rain showers and thunderstorms, especially from the Tennessee Valley to the Mid-Atlantic coast where severe storms and flooding are possible. Hot and humid weather will persist east of the Rockies, including the Plains. Isolated thunderstorms will develop over the Interior of Alaska with scattered rain showers in the southern half of the state.

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

This report contains information derived from the National Fire and Aviation Management Web Applications (FAMWEB) system and other sources to provide relative information about emerging and ongoing incident activity. This information is considered operational in nature, is subject to change, and therefore may not match official year-to-date agency records.

** National Interagency Coordination Center **



FIRE SHELTER DEPLOYMENT SITE SELECTION

Operational Engagement Category

A primary objective of every operational fire plan is to keep firefighters out of entrapment situations. However, firefighters must always be prepared to deploy their fire shelters. The key to a successful fire shelter deployment is proper site selection. Consider the following when discussing shelter deployment site selection.

- Pick a site that will keep the fire shelter away from flames and convective heat. The site also should limit the amount of radiant heat that reaches the shelter.
- Select an area with no fuels. If that isn't possible, select a site in light fuels, such as grass, where the flaming front will pass quickly. Clear the site to mineral soil if at all possible. If time is critical, pick a site with the least fuel.
- Pick natural firebreaks (such as wet meadows; creek beds; wet, swampy areas; large rockslides with no fuels). Rough terrain in rockslides may make it difficult to seal the fire shelter to the ground.
- Areas on the lee side of ridgetops and knobs can be effective deployment sites because convective heat and flames will generally continue rising above them.
- Wide areas that have been cleared of fuel, such as dozer lines or roads, can be effective deployment sites. In larger areas, don't let truck, dozers, and other equipment occupy the best deployment sites.
- Flat areas on slopes, such as benches or road cuts, offer some protection from radiant and convective heat. Level areas like these can keep you under the path of flames and convective heat.
 - The ditch on the inside of the road, if free of fuel may be an effective deployment site on a road.
 - Consider vehicle traffic.
- Avoid areas that tend to funnel smoke, flames and hot gasses, such as:
 - Narrow draws
 - Saddles on ridgetops
 - Chimneys and chutes
- Know how long it takes to reach your safety zone. Crew supervisors should identify and communicate escape routes and safety zones.
- If you're not in a suitable shelter deployment area, keep escaping while watching for a possible deployment site.
- Ensure sites are clearly identified and marked.

References: Incident Response Pocket Guide, pages 30-31