National Interagency Coordination Center Incident Management Situation Report Tuesday, August 2, 2016 – 0530 MT National Preparedness Level 3

National Fire Activity

Initial attack activity:	Moderate (208 new fires)
New large incidents:	6
Large fires contained:	4
Uncontained large fires:**	24
Area Command Teams Committed:	0
NIMOs committed:	1
Type 1 IMTs committed:	6
Type 2 IMTs committed:	7

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

Link to Geographic Area daily reports.

Great Basin Area (PL 4)

New fires:	21
New large incidents:	0
Uncontained large fires:	6
Type 1 IMTs committed:	1
Type 2 IMTs committed:	2

Virginia Mountains Complex (2 fires), Carson City District Office, BLM. IMT 2 (Roide). Forty miles north of Reno, NV. Brush and short grass. Extreme fire behavior with wind-driven runs, uphill runs and flanking. Structures threatened. Evacuations in effect. Sage grouse habitat threatened.

Pioneer, Boise NF. IMT 1 (Lund). Five miles north of Idaho City, ID. Timber. Extreme fire behavior with short crown runs, spotting and running. Structures threatened. Road, area and trail closures in effect.

Poodle, Winnemucca District, BLM. Twenty miles northwest of Gerlach, NV. Timber and brush. Moderate fire behavior with torching, creeping and smoldering. Structures and sage grouse habitat threatened.

Cliff Creek, Bridger-Teton NF. IMT 2 (DeMasters). Fifteen miles east of Hoback, WY. Timber. Moderate fire behavior with group torching, short-range spotting and smoldering. Structures threatened. Evacuations, road, area and trail closures in effect.

Comet, Salmon-Challis NF. Thirteen miles north of Salmon, ID. Timber and short grass. Moderate fire behavior with single tree torching and creeping. Structures threatened. Area closure in effect.

Line, Ely District, BLM. Eighteen miles southeast of Caliente, NV. Timber, brush and tall grass. Minimal fire behavior. Precipitation occurred over the fire area yesterday.

Incident Name	Unit	Size		%	Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin
moident Name	Offic	Acres	Chge	70	Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Virginia Mountains Complex	NV-CCD	47,876	11,785	40	Ctn	8/6	791	-3	23	27	7	12	2.8M	BLM
Pioneer	ID-BOF	38,072	10,655	28	Ctn	9/15	1,423	141	39	51	10	5	14.4M	FS
Poodle	NV-WID	5,200	700	60	Ctn	8/5	415	105	15	10	4	0	1M	BLM
Cliff Creek	WY-BTF	29,018	633	84	Comp	9/30	692	6	17	19	10	1	11.1M	FS

Incident Name	Unit	Size		%	Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin
modent Name	Offic	Acres	Chge	70	Comp	5	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Comet	ID-SCF	358	1	83	Ctn	8/5	45	-49	1	0	3	0	842K	FS
Line	NV-ELD	832	0	80	Ctn	8/3	144	-5	4	2	1	0	275K	BLM
Lower Ebbs	UT-FIF	5,629	0	100	Ctn		105	-31	2	2	2	0	3.1M	FS
Rickert	ID-BOD	568	0	100	Ctn		27	-1	0	2	1	0	75K	BLM

FIF - Fishlake NF

BOD - Boise District, BLM

Northwest Area (PL 3)

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

^{*} **Range 12**, Spokane District, BLM. IMT 2 (Johnson). Twelve miles north of Sunnyside, WA. Brush and grass. Active fire behavior with backing and creeping. Numerous residences threatened. Sage grouse habitat threatened.

Rail, Wallowa-Whitman, NF. IMT 2 (Harrod). Ten miles southwest of Unity, OR. Timber and heavy logging slash. Moderate fire behavior with group torching and long-range spotting. Structures threatened. Evacuations in effect.

Bybee Creek, Crater Lake NP. IMT 1 (Schulte). Eighteen miles northeast of Prospect, OR. Timber. Active fire behavior with group torching, uphill runs, and short-range spotting. Road and trail closures in effect.

* **South Ward Gap**, Washington State Fire Marshal's Office. One mile south of Prosser, WA. Brush and tall grass. Minimal fire behavior. Numerous residences threatened.

Weigh Station, Pendleton Unit, ODF. Thirteen miles southeast of Pendleton, OR. Timber and brush. Minimal fire behavior. Structures threatened. Area closures in effect. Increase in acreage due to more accurate mapping.

Antilon Lake, Southeast Region, Washington DNR. Ten miles northwest of Chelan, WA. Timber, brush, and short grass. Minimal fire behavior with flanking. Road and area closures in effect.

North Touchet, Southeast Region, Washington DNR. Twenty-five miles northeast of Walla Walla, WA. Timber, brush and tall grass. Active fire behavior with smoldering. Residences threatened.

Incident Name	Unit	Siz	Size		Ctn/	Est	Perso	Personnel		Resources			\$\$	Origin
modent rame	Offic	Acres	Chge	%	Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
* Range 12	WA-SPD	175,000		10	Ctn	8/4	365		9	25	3	0	520K	BLM
Rail	OR-WWF	900	400	0	Ctn	8/31	166	128	6	4	0	0	250K	FS
Bybee Creek	OR-CLP	720	304	10	Ctn	8/12	279	-1	8	7	5	0	956K	NPS
* South Ward Gap	WA-WFS	5,000		10	Ctn	8/4	103		0	24	0	2	150K	ST
Weigh Station	OR-973S	688	188	35	Ctn	8/7	303	25	11	21	0	2	698K	ST
Antilon Lake	WA-SES	540	0	70	Ctn	8/3	131	-16	4	10	1	0	300K	ST
North Touchet	WA-SES	525	0	85	Ctn	UNK	169	-17	3	37	0	0	450K	ST

Incident Name	Unit	Size		%	Ctn/	Est	Personnel		Resources			Strc		Origin
moldent rame	Offic	Acres	Chge	/0	Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Black Rock Road	WA-SPD	16,025	-575	100	Ctn		219	-6	1	45	0	5	620K	PRI

Southern California Area (PL 3)

New fires:	20
New large incidents:	0
Uncontained large fires:	3
Type 1 IMTs committed:	2
Type 2 IMTs committed:	1

Soberanes, San Benito-Monterey Unit, Cal Fire. Cal Fire IMT 1 (Derum). Seven miles northwest of Big Sur, CA. Timber, chaparral and tall grass. Moderate fire behavior with uphill runs, short-range spotting and backing. Numerous residences and energy infrastructure threatened. Evacuations, road, area and trail closures in effect.

Goose, Fresno-Kings, Cal Fire. Cal Fire IMT 1 (Bravo). Two miles southeast of Prather, CA. Chaparral, hardwood litter and tall grass. Active fire behavior with uphill runs, flanking and backing. Numerous residences threatened. Evacuations and road closure in effect.

Sand, Angeles NF. Transfer of command from IMT 2 (Wakoski) back to the local unit will occur today. One mile south of Santa Clarita, CA. Brush, chaparral and tall grass. Minimal fire behavior with backing. Road, area and trail closures in effect.

Incident Name	Unit	Size		%	Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin
moldent Name	Offic	Acres	Chge	70	Comp	Lot	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Soberanes	CA-BEU	40,700	700	18	Ctn	8/31	5,451	159	107	510	17	68	45.5M	ST
Goose	CA-KFU	2,020	220	20	Ctn	8/8	1,625	297	41	140	11	5	12.3M	ST
Sand	CA-ANF	41,432	0	98	Ctn	8/7	624	-335	16	16	3	20	29.4M	FS

Northern Rockies Area (PL 3)

New fires:	14
New large incidents:	1
Uncontained large fires:	4
Type 1 IMTs committed:	1
Type 2 IMTs committed:	1

Roaring Lion, Bitterroot NF. IMT 1 (Poncin). Five miles southwest of Hamilton, MT. Timber. Active fire behavior with group torching, short-range spotting, and short crown runs. 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. Active fire behavior with torching, spotting and running. Residences threatened. Road, area and trail closures in effect.

* **North Tullock**, Big Horn County. Twenty miles southeast of Custer, MT. Timber and tall grass. Active fire behavior with group torching and uphill runs. Residences threatened. Sage grouse habitat threatened.

Cedar, Nez Perce-Clearwater NF. Previously reported incident. Eleven miles south of Powell, ID. Timber. Moderate fire behavior with torching, short crown runs and flanking. Trail closure in effect. Last report unless significant activity occurs.

Cook, Miles City Field Office, BLM. Started on Forest Service land six miles northeast of Ashland, MT. Timber and short grass. Minimal fire behavior.

Blue Lake, Central Land Office, DNRC. Started on BLM land 10 miles southwest of Ennis, MT. Timber and brush. No new information. Last report unless new information is received.

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Perso	nnel	Re	esource	es	Strc	\$\$	Origin
moident Name	Offic	Acres	Chge	70	Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Roaring Lion	MT-BRF	3,655	1,655	0	Ctn	9/1	201	59	5	7	6	12	200K	FS
Copper King	MT-LNF	700	0	0	Comp	10/31	69	36	2	4	5	0	150K	FS
* North Tullock	MT-LG22	1,500		0	Ctn	8/6	82		0	23	3	0	50K	CNTY
Cedar	ID-NCF	1,371	1,185	0	Comp	10/31	4	3	0	0	0	0	9K	FS
Cook	MT-MCD	336	0	90	Ctn	8/4	28	-66	1	2	0	0	300K	FS
Blue Lake	MT-CES	629		45	Ctn	8/30	90		2	4	1	0	2.8M	BLM

Rocky Mountain (PL 3)

New fires:	11
New large incidents:	0
Uncontained large fires:	2
Type 1 IMTs Committed:	1
Type 2 IMTs Committed:	1
NIMOs Committed:	1

Lava Mountain, Shoshone NF. IMT 1 (Martin). Twenty miles northwest of Dubois, WY. Timber, heavy logging slash and short grass. Moderate fire behavior with single tree torching, creeping and smoldering. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

Tokewana, Unita County. IMT 2 (Greer). Fifteen miles south of Mountain View, WY. Timber, brush, and short grass. Moderate fire behavior with group torching, creeping and smoldering. Structures threatened. Evacuations, road, area and trail closures in effect. Sage grouse habitat threatened.

Beaver Creek, Routt NF. NIMO (Quesinberry). Twenty-four miles northwest of Walden, CO. Timber and brush. Active fire behavior with crowing, long-range spotting and short-range spotting. Numerous structures threatened. Evacuations, road, area and trail closures in effect.

Incident Name Unit	Unit	Size		%	Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin
	Offic	Acres	Chge	Comp	Comp	230	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Lava Mountain	WY-SHF	14,339	1,136	50	Ctn	9/1	817	-229	15	48	10	0	14.3M	FS
Tokewana	WY-UIX	1,313	0	36	Ctn	8/5	516	26	16	18	5	8	2.3M	CNTY
Beaver Creek	CO-RTF	33,700	1,200	12	Comp	10/21	257	-5	4	24	4	17	16M	FS

Southwest Area (PL 2)

New fires:49New large incidents:2Uncontained large fires:1

^{*} Imperial, Imperial National Wildlife Refuge, FWS. Fourteen miles north of Yuma, AZ. Brush, hardwood litter, and tall grass. Active fire behavior with torching, running and flanking.

* **Spool**, Cimarron District, New Mexico State Forestry. Twenty-five miles northeast of Folsom, NM. Moderate five behavior with isolated torching, creeping and backing. Timber, brush, and short grass. Precipitation occurred over the fire area yesterday. Last report unless significant activity occurs.

Incident Name	Unit	Size		% Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin	
incluent Name		Acres	Chge	70	Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
* Imperial	AZ-IMR	100		5	Ctn	8/5	91		2	4	1	0	96K	FWS
* Spool	NM-N2S	200		70	Comp	8/3	26		0	6	0	0	15K	ST

Southern Area (PL 2)

New fires:48New large incidents:1Uncontained large fires:1

Hinson Rd, Georgia Forestry Commission. Nine miles southeast of Homerville, GA. Medium logging slash and southern rough. Minimal fire behavior.

Incident Name	Unit	Size		%	Ctn/	n/ Est	Personnel		Resources			Strc	\$\$	Origin
		Acres	Chge	70	Comp	201	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
* WF Unit 3 2016	TX-MCR	500		0	Comp	8/3	0		0	0	0	0	5K	FWS
Hinson Rd	GA-GAS	161	41	90	Ctn	8/5	19	5	0	7	0	0	30K	ST
Bells Ferry	GA-GAS	343	0	100	Ctn		15	-5	0	4	0	0	35K	ST

Active	Active Incident Resource Summary												
GACC	Fires	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel							
AICC	1	1,447	0	0	0	13							
NWCC	10	208,783	42	174	11	1,754							
ONCC	0	0	0	0	0	0							
oscc	6	87,880	164	666	31	7,716							
NRCC	13	11,611.1	15	47	19	665							
GBCC	21	94,370	90	116	39	3,342							
SWCC	24	46,414	9	63	2	583							
RMCC	14	93,756.4	42	125	21	1,898							
EACC	1	120	0	2	0	19							
SACC	6	3,398	1	12	0	66							
Total	96	547,779.5	363	1,205	123	16,056							

^{*} **WF Unit 3 2016**, McFaddin National Wildlife Refuge, FWS. Seventeen miles southeast of Winnie, TX. Tall grass. Moderate fire behavior. Last report unless significant activity occurs.

Fires and Acres Yesterday (by Protection):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	0	0	0	1	0	1
Alaska Alea	ACRES	0	0	0	0	0	0	0
Northwest Area	FIRES	0	0	0	0	3	4	7
Northwest Alea	ACRES	0	0	0	304	0	0	304
Northern California Area	FIRES	1	0	0	0	19	5	25
Northern Camornia Area	ACRES	1	0	0	0	8	44	53
Southern California Area	FIRES	0	1	0	1	17	1	20
Southern Camornia Area	ACRES	0	80	0	3	17,261	0	17,344
Northern Rockies Area	FIRES	0	6	0	0	4	4	14
Northern Nockies Area	ACRES	0	269	0	0	2,034	2,166	4,469
Great Basin Area	FIRES	1	8	0	0	7	5	21
Gleat Basili Alea	ACRES	0	12,491	0	0	39	10,797	23,327
Southwest Area	FIRES	11	0	0	0	4	34	49
Southwest Area	ACRES	665	0	0	0	217	1,160	2,042
Rocky Mountain Area	FIRES	0	5	0	0	4	2	11
Nocky Mountain Area	ACRES	0	13	0	0	31	1,152	1,196
Eastern Area	FIRES	0	0	0	0	12	0	12
LasieIII Alea	ACRES	0	0	0	0	14	0	14
Southern Area	FIRES	0	0	0	0	47	1	48
Southern Alea	ACRES	0	0	36	0	286	16	338
TOTAL FIRES:		13	20	0	1	118	56	208
TOTAL ACRES:		666	12,853	36	307	19,890	15,335	49,087

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	178	0	0	333	11	522
Alaska Alea	ACRES	0	380,239	0	0	106,454	3	486,696
Northwest Area	FIRES	226	95	22	18	807	316	1,484
Northwest Alea	ACRES	7,623	89,871	249	781	5,475	1,869	105,868
Northern California Area	FIRES	77	5	0	23	1,581	225	1,911
Notthern Camornia Area	ACRES	131	11	0	3	21,573	8,692	30,410
Southern California Area	FIRES	11	60	5	29	2,046	230	2,381
Southern California Area	ACRES	8	26,102	269	66	60,857	80,314	167,616
Northern Rockies Area	FIRES	516	66	9	7	794	195	1,587
Northern Rockies Area	ACRES	3,386	3,440	1,426	3	28,121	8,635	45,011
Great Basin Area	FIRES	16	458	6	26	416	259	1,181
Gleat basiii Alea	ACRES	29	193,095	3	49	55,319	80,278	328,773
Southwest Area	FIRES	580	197	9	49	899	886	2,620
Southwest Area	ACRES	24,471	66,742	6,975	32,104	212,405	334,473	677,170
Pooley Mountain Area	FIRES	613	259	10	17	836	308	2,043
Rocky Mountain Area	ACRES	22,280	20,619	480	2,017	468,130	62,867	576,393
Footors Area	FIRES	490	0	25	19	5,132	349	6,015
Eastern Area	ACRES	1,906	0	1,087	910	30,681	7,112	41,696
Southorn Area	FIRES	335	0	23	54	13,804	431	14,647
Southern Area	ACRES	132,685	0	229	27,567	866,301	43,324	1,070,106
TOTAL FIRES:		2,864	1,318	109	242	26,648	3,210	34,391
TOTAL ACRES:		192,519	780,119	10,718	63,500	1,855,316	627,567	3,529,739

Ten Year Average Fires (2006 – 2015 as of today)	45,785
Ten Year Average Acres (2006 – 2015 as of today)	3,976,023

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
Alaska Alea	ACRES	0	0	0	0	0	0	0
Northwest Area	FIRES	0	0	0	0	0	0	0
Northwest Area	ACRES	0	0	0	0	0	0	0
Northern California Area	FIRES	0	0	0	0	0	0	0
Northern Camornia Area	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
Great Basin Area	FIRES	0	0	0	0	0	0	0
Great basin Area	ACRES	0	0	0	0	0	0	0
Southwest Area	FIRES	0	0	0	0	0	0	0
Southwest Area	ACRES	0	0	0	0	0	0	0
Doolay Mountain Area	FIRES	0	0	0	0	0	0	0
Rocky Mountain Area	ACRES	0	0	0	0	0	0	0
Castorn Area	FIRES	0	0	0	0	0	0	0
Eastern Area	ACRES	0	0	0	0	0	0	0
Cautharn Araa	FIRES	0	0	0	0	11	1	12
Southern Area	ACRES	0	0	0	0	87	285	372
TOTAL FIRES:		0	0	0	0	11	1	12
TOTAL ACRES:		0	0	0	0	87	285	372

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	7	0	0	2	1	10
Alaska Alea	ACRES	0	31,664	0	0	1,566	38	33,268
Northwest Area	FIRES	9	22	6	0	0	152	189
Northwest Alea	ACRES	8,752	1,991	356	0	0	24,097	35,196
Northern California Area	FIRES	4	1	9	8	0	126	148
Northern Camornia Area	ACRES	41	90	3,356	328	0	8,244	12,059
Southern California Area	FIRES	0	5	4	1	0	136	146
Southern Camornia Area	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	23	6	5	36	74	148
Gleat Basili Alea	ACRES	110	2,296	3,584	128	915	26,112	33,145
Southwest Area	FIRES	8	30	3	8	1	104	154
Southwest Area	ACRES	894	22,071	92	2,331	2	62,620	88,010
Rocky Mountain Area	FIRES	19	33	57	24	76	69	278
Nocky Mountain Area	ACRES	1,642	2,908	26,221	10,952	4,482	27,771	73,976
Eastern Area	FIRES	87	0	347	23	893	182	1,532
Eastern Area	ACRES	45,614	0	50,949	5,774	61,255	56,182	219,774
Southern Area	FIRES	17	0	182	65	10,049	913	11,226
Southern Area	ACRES	1,830	0	160,866	51,546	666,960	831,647	1,712,849
TOTAL FIRES:		160	133	667	145	11,071	1,906	14,082
TOTAL ACRES:		64,199	65,449	258,164	72,470	735,878	1,055,192	2,251,352

^{***} 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	0	0	609	93,658
YUKON TERRITORY	0	0	44	16,366
ALBERTA	16	0	1,124	611,479
NORTHWEST				
TERRITORY	0	0	166	182,117
SASKATCHEWAN	0	1	339	225,301
MANITOBA	1	1	179	33,832
ONTARIO	2	4	483	86,708
QUEBEC	1	5,105	466	31,622
NEWFOUNDLAND	1	0	79	10,959
NEW BRUNSWICK	2	1	242	237
NOVA SCOTIA	2	2	211	347
PRINCE EDWARD				
ISLAND	0	0	6	19
NATIONAL PARKS	0	0	46	5,540
TOTALS	25	5,114	3,994	1,298,184

^{* 1} Hectare = 2.47 Acres

Predictive Services Discussion: Scattered thunderstorms will develop under the ridge established across the Four Corners region. Windy conditions will develop over the northern Great Basin and the northern Rockies. Isolated thunderstorms are possible across northern Utah and western Wyoming. Scattered showers and thunderstorms will continue along a stalled front from the Great Lakes to the Mid-Mississippi Valley and across the Southeast and Mid-Atlantic states. Temperatures will cool in the Northwest and northern Rockies behind a cold front. Hot conditions will continue across the Plains and the southern third of the nation. The Midwest and New England will remain mild to warm. In Alaska, scattered showers and a few thunderstorms will form across the state. Temperatures will cool with cold conditions moving into the North Slope.

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



DOZER/PLOW OPERATIONS

Vehicles & Roads Category

Dozers/tractor plows provide suppression and support capability for fire operations. When working on or around dozers on the fireline, it is important to respect the following guidelines:

- Load/unload equipment from the transport in a safe manner on a level, stable surface.
- Park transport in an area free of fuel. Clear an area if needed to protect parked equipment.
- Do not sit or bed down near equipment. Walk around the equipment before starting or moving it.
- Lower the dozer blade and/or fire plow to the ground when the equipment is idling or stopped.
- When working a dozer or tractor plow, stay at least 100 feet in front or 50 feet behind the equipment.
- Allow no one but the operator to ride on the equipment.
- Never get on or off equipment while it is moving.
- Provide front and rear lights for equipment working at night or in heavy smoke.
- Provide lights and fluorescent vests to personnel working with dozer/tractor plow units.
- Use hand signals for direction and safety.
- Do not use a dozer or tractor plow without a canopy or brush guard and radio communications.
- Operators will wear required PPE and carry a fire shelter.
- Be aware of different fuel types, rates of spread, and flammability.
- Watch for wetlands, steep slopes, rocks, ditches, and other obstacles that might stop the equipment.
- Do not get too far ahead of a firing crew during firing operations.
- Anchor the line to a secure firebreak and create a black line (burn out) until the fire is completely
 enclosed.
- Tractor plow operators should wear headgear protection for head, face, eyes, and ears while also providing radio reception and ventilation capabilities.
- Tractor plow crews should consist of a minimum of two people.
- When the dozer or tractor plow is equipped with a hand-clutch lever, always take equipment out of gear when mounting and dismounting.

References:

Safety and Occupational Health Manual Handbook, BLM--1112-1 Interagency Standards for Fire and Fire Aviation Operations Incident Response Pocket Guide page 80