### National Interagency Coordination Center Incident Management Situation Report Saturday, August 24, 2019 – 0530 MT National Preparedness Level 2

#### **National Fire Activity**

Initial attack activity:	Light (101 new fires)
New large incidents:	5
Large fires contained:	3
Uncontained large fires:***	22
Area Command teams committed:	0
NIMOs committed:	0
Type 1 IMTs committed:	2
Type 2 IMTs committed:	3

Nationally, there are 32 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.

Link to Understanding the IMSR.

	Ac	tive Incide	nt Rese	ource S	ummary	
GACC	Incidents	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AICC	7	178,516	35	35	12	1,258
NWCC	6	67,821	25	16	3	851
ONCC	2	825	32	80	2	926
OSCC	4	4,874	6	12	4	367
NRCC	10	9,267	7	5	5	277
GBCC	16	33,594	26	50	12	1,038
SWCC	12	38,515	14	40	4	706
RMCC	2	1,454	0	3	1	25
EACC	0	0	0	0	0	0
SACC	24	46,252	0	86	3	496
Total	83	381,118	145	327	46	5,944

<u>Alaska Area (PL 3)</u>	
New fires:	4
New large incidents:	0
Uncontained large fires:	3
Type 1 IMTs committed:	1
Type 2 IMTs committed:	2

**Swan Lake**, Kenai Kodiak Area, Alaska DOF. IMT 1 (GB Team 1). IMT is also managing the Caribou Lake incident. Started on FWS land five miles northeast of Sterling, AK. Timber, brush and short grass. Active fire behavior with short crown runs, group torching and flanking. The communities of Sterling and Cooper Landing and numerous structures threatened. Area, road and trail closures in effect.

**Caribou Lake**, Kenai-Kodiak Area, Alaska DOF. Seven miles northwest of Fox River, AK. Heavy logging slash, timber and tall grass. Moderate fire behavior with group torching, backing and creeping. Structures threatened.

**McKinley**, Mat-Su Area, Alaska DOF. IMT 2 (AK Green Team). Started on private land 18 miles north of Willow, AK. Timber and brush. Active fire behavior with backing, creeping and single tree torching. Numerous residences threatened. Evacuations, area, road and trail closures in effect. Reduction in acreage due to more accurate mapping.

**Deshka Landing**, Mat-Su Area, Alaska DOF. IMT 2 (NW Team 10). Seven miles southwest of Willow, AK. Timber, brush and short grass. Minimal fire behavior with creeping and smoldering. Numerous structures threatened. Area, road and trail closures in effect.

**Tokaina 2**, Valdez-Copper River Area, Alaska DOF. Previously reported incident. Two miles east of Tazlina Lake, AK. Timber. Moderate fire behavior with creeping, smoldering and single tree torching. Structures threatened. Last narrative report unless significant activity occurs.

Incident Name	Unit	Size		%	Ctn/	Est	Personnel		Re	esource	S	Strc	\$\$	Origin
incluent Name		Acres	Chge	70	Comp	Loi	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Swan Lake	AK-KKS	144,132	1,590	20	Comp	8/31	483	85	13	11	4	0	26.3M	FWS
Caribou Lake	AK-KKS	848	48	20	Ctn	9/4	37	0	1	0	0	0	200K	ST
McKinley	AK-MSS	3,368	-385	11	Ctn	9/1	439	121	10	23	7	138	1.6M	PRI
Deshka Landing	AK-MSS	1,543	0	20	Ctn	8/31	208	43	7	1	0	0	750K	ST
Tokaina 2	AK-CRS	3,309	379	0	Comp	9/30	4	0	0	0	1	0	418K	ST
Larç	Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned													
Levelock	AK-SWS	5,500	0	5	Comp	9/1	43	0	2	0	0	0	269K	TRI

SWS – Southwest Area, Alaska DOF

## Southern Area (PL 2)

New fires:	12
New large incidents:	2
Uncontained large fires:	5
Type 1 IMTs committed:	1

**Vivian**, Texas A&M Forest Service. IMT 1 (SA Red Team). IMT is also managing the Copper Breaks incident. Started on private land three miles west of Crowell, TX. Brush and tall grass. Active fire behavior. Numerous structures and energy infrastructure threatened.

**Copper Breaks**, Texas A&M Forest Service. Started on private land six miles south of Quanah, TX. Brush and tall grass. Minimal fire behavior with isolated torching. Residences threatened.

\* **Big Mill Ranch**, Texas A&M Forest Service. Started on private land 10 miles west of Ozona, TX. Brush and tall grass. Moderate fire behavior with running. Structures threatened.

\* **Pushmataha Game Reserve**, Oklahoma DOF. Seven miles southwest of Clayton, OK. Timber. Minimal fire behavior with smoldering.

**Bird Ranch**, Texas A&M Forest Service. Started on private land six miles west of Paducah, TX. Brush and tall grass. Minimal fire behavior with creeping.

Incident Name	Unit	Siz	Size		Ctn/	Est	Pers	onnel	R	esource	s	Strc	\$\$	Origin
	Onit	Acres	Chge	%	Comp	ESI	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Vivian	TX-TXS	11,218	2,345	28	Ctn	8/30	98	57	0	18	0	0	186K	PRI
Copper Breaks	TX-TXS	7,206	0	92	Ctn	UNK	147	-81	0	13	2	0	1.4M	PRI
* Big Mill Ranch	TX-TXS	900		30	Ctn	8/30	33		0	4	0	0	NR	PRI
* Pushmataha Game Reserve	OK-OKS	160		80	Ctn	UNK	6		0	3	0	0	5K	ST
Bird Ranch	TX-TXS	9,931	0	90	Ctn	8/24	29	0	0	5	0	0	NR	PRI
Caney Mountain Trail	OK-OKS	765	0	100	Ctn		33	0	0	15	0	0	28K	ST
Cush Branch	OK-OKS	120	0	100	Ctn		24	0	0	10	0	0	8K	ST

# Great Basin Area (PL 2)

New fires:	8
New large incidents:	1
Uncontained large fires:	7

\* **Gregerson**, Ely District, BLM. Ten miles east of Alamo, NV. Brush, hardwood slash and short grass. Active fire behavior with running, backing and creeping. Energy and communication infrastructure threatened.

**MM122 I15**, Cedar City Field Office, BLM. Twelve miles north of Beaver, UT. Chaparral and brush. Moderate fire behavior with backing, creeping and isolated torching. Structures and communication infrastructure threatened. Road closures in effect.

**Goose Point**, Northwest Area, Utah DOF. Four miles west of Benjamin, UT. Timber, brush and tall grass. Minimal fire behavior with smoldering. Area closures in effect.

**Cove Creek**, Salmon-Challis NF, USFS. Twenty-seven miles northwest of Salmon, ID. Timber and tall grass. Minimal fire behavior with creeping, backing and smoldering. Structures threatened. Trail closures in effect.

**Canyon**, Carson City District, BLM. Thirty miles southeast of Carson City, NV. Chaparral, brush and short grass. Minimal fire behavior with single tree torching and smoldering. Residences and sage-grouse habitat threatened.

**Nethker**, Payette NF, USFS. Thirty miles northeast of McCall, ID. Timber and closed timber litter. Moderate fire behavior with smoldering, creeping and isolated torching. Area, road and trail closures in effect.

**Avintaquin Ridge**, Uintah and Ouray Agency, BIA. Fifteen miles southeast of Fruitland, UT. Timber and short grass. Minimal fire behavior with smoldering.

Incident Name	Unit	Size		%	Ctn/	Est	Pers	onnel	R	esource	s	Strc	\$\$	Origin
Incident Name	Unit	Acres	Chge	%	Comp	ESI	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
* Gregerson	NV-ELD	2,500		10	Ctn	8/27	126		3	4	2	0	220K	BLM
MM122 I15	UT-CCD	1,500	0	25	Ctn	8/24	91	40	2	7	0	0	400K	BLM
Goose Point	UT-NWS	8,908	2,457	90	Ctn	8/24	107	4	3	3	1	0	379K	ST
Cove Creek	ID-SCF	5,304	241	65	Ctn	8/30	85	-2	2	3	1	0	4.3M	FS
Canyon	NV-CCD	440	0	80	Ctn	8/24	144	-31	4	5	2	0	350K	BLM
Nethker	ID-PAF	2,355	0	98	Ctn	10/1	102	-43	3	3	1	0	12.4M	FS
Avintaquin Ridge	UT-UOA	111	0	85	Ctn	8/25	8	-8	0	0	1	0	315K	BIA
Lai	rge Fires Bei	ng Manag	ed With a	Strateg	gy Other T	Fhan Ful	I Suppres	sion Witho	ut a Ty	pe 1 or	2 IMT	Assigne	ed	
Trumbull	AZ-ASD	2,909	298	0	Comp	9/5	89	39	3	2	1	0	350K	BLM
Little Bear	UT-DIF	1,500	150	15	Comp	9/14	72	1	2	6	0	0	170K	FS
Mammoth	UT-MLF	600	0	50	Comp	10/1	66	0	2	4	0	0	190K	FS
Park Ridge	UT-FIF	186		35	Comp	9/15	15		0	2	0	0	150K	FS
Chippean	UT-MLF	227		85	Comp	10/1	1		0	0	0	0	NR	FS
Shady	ID-SCF	4,186		0	Comp	10/31	0		0	0	0	0	250K	FS

ASD – Arizona Strip District, BLM DIF – Dixie NF, USFS MLF – Manti-La Sal NF, USFS FIF – Fishlake NF, USFS

#### Northwest Area (PL 2)

New fires:	5
New large incidents:	0
Uncontained large fires:	3
Type 2 IMTs committed:	1

**204 Cow**, Malheur NF, USFS. IMT 2 (NW Team 9). Seventeen miles southwest of Unity, OR. Timber and medium logging slash. Minimal fire behavior with backing, group torching and short-range spotting. Structures threatened. Area and road closures in effect.

**Williams Flats**, Colville Agency, BIA. Five miles southeast of Keller, WA. Timber, closed timber litter and short grass. Minimal fire behavior with creeping, smoldering and single tree torching. Structures threatened. Area and road closures in effect.

**163 HK Complex** (2 fires), Umatilla NF, USFS. Fifteen miles north of Monument, OR. Timber, brush and light logging slash. Minimal fire behavior with backing, creeping and isolated torching. Area and road closures in effect.

Incident Name	Unit	Siz	ze	0/	% Ctn/ Comp	Est	Pers	onnel	Resources			Strc	\$\$	Origin
Incluent Name	Onit	Acres	Chge	/0		LSI	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
204 Cow	OR-MAF	1,650	550	0	Comp	10/15	433	144	13	2	1	0	410K	FS
Williams Flats	WA-COA	44,446	0	96	Ctn	8/25	318	-115	9	9	1	3	18.7M	BIA
163 HK Complex	OR-UMF	2,705	0	97	Ctn	8/31	64	0	2	1	0	0	6.6M	FS
Lar	rge Fires Bei	ng Manag	ed With a	Strateg	y Other T	Than Ful	I Suppress	sion Witho	ut a Ty	pe 1 or	2 IMT	Assigne	ed	
Granite Gulch	OR-WWF	4,600	800	0	Comp	10/31	15	0	0	0	1	0	220K	FS
Devore Creek	WA-OWF	500	50	0	Comp	11/30	3	0	0	0	0	0	1.1M	FS
South Fork Creek	WA-OWF	160		10	Comp	10/1	0		0	0	0	0	15K	FS

WWF – Wallowa-Whitman NF, USFS OWF – Okanogan-Wenatchee NF, USFS

Southwest Area (PL 2)	
New fires:	6
New large incidents:	2
Uncontained large fires:	1

\* **Buckhorn**, Southeast District, Arizona DOF. Thirteen miles north of Benson, AZ. Brush and short grass. Minimal fire behavior with smoldering and creeping. Last narrative report unless significant activity occurs.

\* **War Bonnet**, Southeast District, Arizona DOF. Fifteen miles west of Willcox, AZ. Brush and short grass. Moderate fire behavior with creeping, smoldering and isolated torching. Last narrative report unless significant activity occurs.

**Black Mesa**, Phoenix District, BLM. Five miles south of Cordes Junction, AZ. Brush and short grass. No new information.

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Pers	onnel	R	esource	s	Strc	\$\$	Origin
	Unit	Acres	Chge	70	Comp	ESI	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
* Buckhorn	AZ-A3S	1,500		0	Comp	8/25	23		1	0	0	0	25K	ST
* War Bonnet	AZ-A3S	600		0	Comp	8/27	30		1	2	0	0	20K	ST
Black Mesa	AZ-PHD	349		30	Ctn	8/24	60		2	4	0	0	20K	BLM
Lar	rge Fires Bei	ng Manag	ed With a	Strateg	y Other 1	Than Ful	I Suppres	sion Witho	ut a Ty	pe 1 or	2 IMT	Assigne	ed	
Sheridan	AZ-PNF	9,449	349	0	Comp	9/1	225	41	3	9	2	0	1.1M	FS
Saber	AZ-COF	3,279	0	55	Comp	9/15	72	-3	1	3	0	0	681K	FS
Ikes	AZ-GCP	6,020	88	77	Comp	9/15	61	-25	0	8	1	0	1.8M	NPS
Boulin	AZ-KNF	4,039	136	75	Comp	9/15	7	-30	0	1	0	0	112K	FS
Triple Nickle	NM-CIF	2,800		0	Comp	9/30	99		3	3	1	0	346K	FS
Rawhide	NM-LNF	9,214		80	Comp	8/31	12		0	2	0	0	385K	FS
Castle	AZ-KNF	19,368		96	Comp	9/15	64		1	6	0	0	5.2M	FS
Cueva	NM-SNF	1,011		76	Comp	8/31	37		1	2	0	0	70K	FS
Pemberton	AZ-PNF	1,173	0	100	Comp		0	0	0	0	0	0	318K	FS

PNF – Prescott NF, USFS COF – Coconino NF, USFS GCP – Grand Canyon NP, NPS KNF – Kaibab NF, USFS CIF – Cibola NF, USFS LNF – Lincoln NF, USFS SNF – Santa Fe NF, USFS

## Southern California Area (PL 2)

New fires:	32
New large incidents:	0
Uncontained large fires:	1

**Broder**, Sequoia NF, USFS. Twelve miles west of Haiwee, CA. Timber. Moderate fire behavior with backing and creeping.

Incident Name	Unit	Size		%	Ctn/	Est	Personnel		Resources			Strc	\$\$	Origin
	Onit	Acres	Chge	/0	Comp	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own	
Broder	CA-SQF	206	66	10	Ctn	9/9	83	0	3	1	1	0	137K	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Cow	CA-INF	200	20	5	Comp	10/11	71	32	1	0	2	0	500K	FS
Springs	CA-INF	3,168	64	43	Comp	9/1	185	2	2	9	1	0	4M	FS

INF - Inyo NF, USFS

# Northern California Area (PL 2)

New fires:	16
New large incidents:	0
Uncontained large fires:	1

**Mountain**, Shasta-Trinity Unit, Cal Fire. Twelve miles northeast of Redding, CA. Brush and short grass. Minimal fire behavior with backing, creeping and smoldering. The community of Bella Vista and numerous residences threatened. Area and road closures in effect.

Incident Name	Unit	Siz	ze	%	Ctn/ Comp	Est	Personnel		Resources			Strc	\$\$	Origin
incident Name	Onit	Acres	Chge	70			Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Mountain	CA-SHU	600	0	50	Ctn	8/26	903	368	31	79	2	14	1.4M	ST

## Northern Rockies (PL 2)

New fires:	4
New large incidents:	0
Uncontained large fires:	0

**McClusky**, Beaverhead-Deerlodge NF, USFS. Ten miles east of Butte, MT. Timber. Minimal fire behavior with smoldering and creeping. Structures threatened. Last narrative report unless significant activity occurs.

Incident Name	Unit	Siz	ze	0/_	% Ctn/		Pers	onnel	R	esource	s	Strc	\$\$	Origin
incluent Name	Onit	Acres	Chge	70	Comp	Est	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
McClusky	MT-BDF	112	0	14	Comp	11/1	119	-12	3	2	1	0	294K	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Beeskove	MT-LNF	430	0	73	Comp	9/30	4	-40	0	1	0	0	7M	FS
Horsefly	MT-HLF	1,352	0	60	Comp	9/30	44	-42	1	0	1	0	6.3M	FS
Crab	ID-NCF	198		40	Comp	10/31	50		1	1	0	0	2.6M	FS
Snow Creek	MT-FNF	1,815		3	Comp	10/31	10		0	0	0	0	75K	FS
Barren Hill	ID-NCF	581		0	Comp	10/31	8		0	0	0	0	16K	FS

LNF – Lolo NF, USFS HLF – Helena-Lewis and Clark NF, USFS NCF – Nez-Perce-Clearwater NF, USFS FNF – Flathead NF, USFS

#### Rocky Mountain (PL 1)

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

**Boulder Lake**, Pinedale Field Office, BLM. Six miles east of Pinedale, WY. Brush. Minimal fire behavior. Residences threatened. Road and trail closures in effect.

Linit	Si	ze	o/ Ctn/		Ctn/	Personnel		Resources			Strc	\$\$	Origin
Offic	Acres	Chge	/0	Comp		Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
WY-PDD	1,359	0	90	Ctn	8/30	24	0	0	3	1	1	1.6M	BLM
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned													
CO-PSF	219		5	Comp	8/30	5		0	0	0	0	2.6M	FS
,	e Fires Beir	Unit Acres WY-PDD 1,359 e Fires Being Manage	Acres     Chge       WY-PDD     1,359     0       e Fires Being Managed With a S     0	Unit     Acres     Chge     %       WY-PDD     1,359     0     90       e Fires Being Managed With a Strategy	Unit     Acres     Chge     %     Comp       WY-PDD     1,359     0     90     Ctn       e Fires Being Managed With a Strategy Other T     0     0     0     0	Unit Acres Chge % Comp Est   WY-PDD 1,359 0 90 Ctn 8/30   e Fires Being Managed With a Strategy Other Than Full	Unit     Acres     Chge     %     Comp     Est     Total       WY-PDD     1,359     0     90     Ctn     8/30     24       e Fires Being Managed With a Strategy Other Than Full Suppress	Unit Acres Chge % Comp Est Total Chge   WY-PDD 1,359 0 90 Ctn 8/30 24 0   e Fires Being Managed With a Strategy Other Than Full Suppression Without	UnitAcresChge%CompEstTotalChgeCrwWY-PDD1,359090Ctn8/302400e Fires Being Managed With a Strategy Other Than Full Suppression Without a Type	UnitAcresChge%CompEstTotalChgeCrwEngWY-PDD1,359090Ctn8/3024003e Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2	UnitAcresChge%CompEstTotalChgeCrwEngHeliWY-PDD1,359090Ctn8/30240031e Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT A	UnitAcresChge%CompEstTotalChgeCrwEngHeliLostWY-PDD1,359090Ctn8/302400311e Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assign	UnitAcresChge%CompEstTotalChgeCrwEngHeliLostCTDWY-PDD1,359090Ctn8/3024003111.6Me Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned

PSF – Pike and San Isabel NF, USFS

# Fires and Acres Yesterday (by Protection):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
	FIRES	0	0	0	0	3	1	4
Alaska Area	ACRES	0	0	0	0	1	0	1
Northwest Area	FIRES	1	0	0	0	1	3	5
Nontriwest Area	ACRES	1	0	0	0	7	551	559
Northern California Area	FIRES	0	0	0	0	16	0	16
Northern California Area	ACRES	0	0	0	0	805	0	805
Southern California Area	FIRES	2	0	0	0	29	1	32
Southern California Area	ACRES	13	0	0	0	9	87	109
Northern Rockies Area	FIRES	1	1	0	0	1	1	4
	ACRES	10	1	0	0	0	0	11
Great Basin Area	FIRES	1	4	0	0	2	1	8
Gleat Dasin Alea	ACRES	0	3,024	0	0	26	544	3,594
Southwest Area	FIRES	0	1	0	0	1	4	6
Southwest Area	ACRES	0	32	0	0	1	26	59
Rocky Mountain Area	FIRES	0	3	0	0	5	2	10
Nocky Mountain Area	ACRES	0	2	0	0	2	22	26
Eastern Area	FIRES	0	0	0	0	3	1	4
	ACRES	0	0	0	0	0	0	0
Southern Area	FIRES	2	0	0	0	10	0	12
	ACRES	8	0	0	0	20	0	28
TOTAL FIRES:		7	9	0	0	71	14	101
TOTAL ACRES:		32	3,059	0	0	871	1,230	5,192

Fires and Ac	cres Year-to-Date	(by Protection):
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Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
	FIRES	0	233	0	0	381	40	654
Alaska Area	ACRES	0	1,711,882	0	0	810,727	14	2,522,623
Northwest Area	FIRES	200	155	12	11	1,398	660	2,436
Nonnwest Area	ACRES	14,708	27,936	87	1	20,272	11,619	74,623
Northern California Area	FIRES	17	29	4	5	1,812	307	2,174
Northern California Area	ACRES	12	1,840	25	1	23,010	15,409	40,297
Couthorn Colifornia Area	FIRES	13	67	9	14	2,548	243	2,894
Southern California Area	ACRES	140	414	2,727	6	15,805	7,156	26,248
Northern Rockies Area	FIRES	676	32	19	8	605	365	1,705
	ACRES	10,444	815	10,022	35	12,772	4,781	38,869
	FIRES	27	551	8	23	646	309	1,564
Great Basin Area	ACRES	134	208,887	18	8	145,227	25,714	379,988
Couthwart Area	FIRES	568	174	11	41	523	690	2,007
Southwest Area	ACRES	48,871	6,232	55	6,389	26,242	284,427	372,216
Deele Mountain Area	FIRES	224	245	1	9	384	207	1,070
Rocky Mountain Area	ACRES	2,026	2,091	5,048	29	17,329	8,045	34,567
	FIRES	301	0	8	30	3,468	287	4,094
Eastern Area	ACRES	569	0	52	520	25,933	5,134	32,208
Ocurth and Anala	FIRES	233	0	33	44	12,912	217	13,439
Southern Area	ACRES	22,446	0	2,483	2,303	312,894	13,119	353,246
TOTAL FIRES:		2,259	1,486	105	185	24,677	3,325	32,037
TOTAL ACRES:		99,349	1,960,098	20,517	9,292	1,410,212	375,417	3,874,884

Ten Year Average Fires (2009 – 2018 as of today)	43,697
Ten Year Average Acres (2009 – 2018 as of today)	5,206,811

\*\*\*Changes in some agency YTD acres reflect more accurate mapping or reporting adjustments. \*\*\*Additional wildfire information is available through the Geographic Areas at <u>https://gacc.nifc.gov/</u>

# **Canadian Fires and Hectares**

PROVINCES	FIRES YESTERDAY	HECTARES YESTERDAY	FIRES YEAR-TO- DATE	HECTARES YEAR-TO-DATE
BRITISH COLUMBIA	6	6	852	21,108
YUKON TERRITORY	0	0	111	252,902
ALBERTA	0	3	949	882,599
NORTHWEST TERRITORY	0	0	145	101,416
SASKATCHEWAN	1	0	229	47,248
MANITOBA	1	0	276	101,453
ONTARIO	4	5	476	266,947
QUEBEC	1	0	298	10,278
NEWFOUNDLAND	0	0	85	774
NEW BRUNSWICK	3	20	162	213
NOVA SCOTIA	6	2	125	133
PRINCE EDWARD ISLAND	0	0	2	9
NATIONAL PARKS	0	0	46	106,003
TOTALS	22	36	3,756	1,791,082

\*1 Hectare = 2.47 Acres

**Predictive Services Discussion:** A breezy westerly flow will continue across the northwestern states as a high pressure ridge and surface thermal trough continue to build and strengthen over California and Nevada. Temperatures beneath the ridge will be about 10 degrees above normal. The monsoon across Arizona and New Mexico will be suppressed and focused mainly over southern Arizona and the Mogollon Rim. Central Texas will received some beneficial rainfall from the development of scattered afternoon storms that form along a stalled frontal boundary. Hot and dry conditions are expected across the Great Lakes region, as high pressure strengthens over Michigan and Wisconsin. Scattered storms are expected across the Deep South along the previously mentioned stalled frontal boundary.

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



# **Mine Features and Hazards**

Miscellaneous Fireline Hazards

When working in an area, which is known or suspected for past mining activities, be aware of the serious hazard which may or may not be visible.

- Surface Features at Abandoned Mines: Mine buildings (mill sites, assorted support structures), waste rock dumps, glory holes (large open pits), trenches and shallow pits, tailing piles, and other chemical hazards (explosives, 55-gal drums, meth lab supplies).
- Underground Features: Vertical openings-shafts, winzes, raises, ore chutes, stopes, ladders, stulls horizontal openings (often contain an unforeseen vertical component), adits (single opening), and tunnels (two openings).
- Hazards Associated With These Features: Rock fall (near portals, highwalls, shaft collars or ore chutes), collapse and entrapment while underground instability or perimeter or overhanging rock slips, trips, and falls (especially down a winze/shaft inside an adit), mine gases (carbon monoxide, hydrogen sulfide, methane, etc), entanglement on wiring and debris within puddles, collision between your head and the overlying rock, unknown substances, explosives, blasting caps, or chemicals.

Resources: USFS website about mine safety