

**National Interagency Coordination Center
Incident Management Situation Report
Wednesday, September 11, 2019 – 0530 MT
National Preparedness Level 2**

National Fire Activity

Initial attack activity:	Light (109 new fires)
New large incidents:	2
Large fires contained:	2
Uncontained large fires:***	23
Area Command teams committed:	0
NIMOs committed:	0
Type 1 IMTs committed:	2
Type 2 IMTs committed:	7

Nationally, there are 47 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.

Active Incident Resource Summary						
GACC	Incidents	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AICC	5	184,315	7	25	6	609
NWCC	6	16,379	16	10	12	604
ONCC	11	68,127	149	330	44	5,704
OSCC	4	11,910	33	38	10	966
NRCC	8	3,729	0	5	4	66
GBCC	15	57,686	30	65	15	1,257
SWCC	13	48,565	18	24	6	615
RMCC	8	37,844	6	12	7	363
EACC	0	0	0	0	0	0
SACC	9	33,602	0	31	0	208
Total	79	462,157	259	540	104	10,392

Northern California Area (PL 3)

New fires:	15
New large incidents:	0
Uncontained large fires:	8
Type 1 IMTs committed	2
Type 2 IMTs committed:	2

Walker, Plumas NF, USFS. IMT 1 (CA Team 4). Eleven miles east of Taylorsville, CA. Timber and medium logging slash. Moderate fire behavior with backing and flanking. Structures threatened. Evacuations, area and road closures in effect.

Lime, Klamath NF, USFS. IMT 2 (CA Team 15) also managing Kidder 2. Ten miles north of Yreka, CA. Timber and brush. Moderate fire behavior with backing and creeping. Numerous structures threatened. Area closures in effect.

South, Shasta-Trinity NF, USFS. IMT 2 (CA Team 16). Fifteen miles south of Platina, CA. Timber, chaparral and hardwood litter. Moderate fire behavior with flanking, backing and smoldering. Structures and communication infrastructure threatened.

Kidder 2, Klamath NF, USFS. Ten miles northwest of Etna, CA. Timber and brush. Moderate fire behavior with backing, creeping and smoldering.

Red Bank, Tehama-Glenn Unit, Cal Fire. IMT 1 (Cal Fire Team 5). Twenty-five miles west of Red Bluff, CA. Chaparral, brush and tall grass. Minimal fire behavior with smoldering. Communication infrastructure threatened.

Lone, Modoc NF, USFS. Five miles southeast of Clear Lake, CA. Timber, brush and tall grass. Minimal fire behavior with smoldering. Sage-grouse habitat threatened.

Ramshorn, Shasta-Trinity NF, USFS. Seven miles northeast of Coffee Creek, CA. Timber, brush and tall grass. Minimal fire behavior with smoldering and creeping.

Swedes, Butte Unit, Cal Fire. Five miles north of Bangor, CA. Brush and tall grass. Minimal fire behavior. Numerous structures threatened.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Walker	CA-PNF	47,340	3,033	20	Ctn	9/28	1,284	191	15	110	6	0	8.8M	FS
Lime	CA-KNF	1,620	205	14	Ctn	10/18	667	152	19	31	10	0	3M	FS
South	CA-SHF	2,870	435	10	Ctn	10/1	476	180	15	12	1	0	1.3M	FS
Kidder 2	CA-KNF	141	34	20	Ctn	10/18	115	19	8	1	0	0	250K	FS
Red Bank	CA-TGU	8,838	0	75	Ctn	9/13	2,154	-39	60	104	25	2	12.5	ST
Lone	CA-MDF	5,737	0	92	Ctn	9/12	40	-17	1	3	0	0	1.2M	FS
Ramshorn	CA-SHF	238	0	65	Ctn	9/21	259	-49	6	21	0	0	4M	FS
Swedes	CA-BTU	496	96	65	Ctn	9/13	338	0	14	25	1	2	1.6M	ST
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Middle	CA-SHF	350	27	0	Comp	10/31	27	0	1	2	0	0	12K	FS

Southern California Area (PL 3)

New fires: 16
New large incidents: 0
Uncontained large fires: 2
Type 2 IMTs committed: 1

Taboose, Inyo NF, USFS. IMT 2 (CA Team 11). Ten miles southwest of Big Pine, CA. Timber, brush and short grass. Active fire behavior with creeping and smoldering. Numerous residences threatened. Evacuations and trail closures in effect. Reduction in acreage due to more accurate mapping.

Tenaja, Riverside Unit, Cal Fire. Four miles southwest of Murrieta, CA. Brush and tall grass. Minimal fire behavior. 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			
Taboose	CA-INF	9,335	-1,165	36	Ctn	9/30	803	443	27	32	10	0	3M	FS
Tenaja	CA-RRU	1,926	0	96	Ctn	9/13	152	-208	6	5	0	0	4M	ST
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Springs	CA-INF	4,840	---	98	Comp	10/1	149	---	2	4	0	0	6.2M	FS
Cow	CA-INF	1,975	---	30	Comp	10/11	30	---	0	0	1	0	1.9M	FS
Rosasco	CA-STF	320	---	30	Comp	9/11	78	---	2	5	0	0	200K	FS

STF – Stanislaus NF, USFS

Great Basin Area (PL 2)

New fires: 12
New large incidents: 0
Uncontained large fires: 5
Type 2 IMTs committed: 2

Meadow Creek, Central Area, Utah DOF. IMT 2 (GB Team 3). Five miles south of Fillmore, UT. Timber and short grass. Moderate fire behavior with crowning, running and group torching. Numerous structures threatened. Area closures in effect.

Hungry, Western Nevada Agency, BIA. Ten miles north of Reno, NV. Brush, tall grass and chaparral. Minimal fire behavior with smoldering and creeping. Numerous structures threatened.

Neck, Cedar City Field Office, BLM. IMT 2 (GB Team 7). Twenty-five miles northwest of Cedar City, UT. Chaparral, brush and tall grass. Minimal fire behavior with flanking, backing and creeping. Road closures in effect.

Goat Canyon, Richfield Field Office, BLM. Fifteen miles southwest of Nephi, UT. Chaparral, brush and short grass. Minimal fire behavior with smoldering.

North Wilson, Jerome County, ID. Three miles north of Hazelton, ID. Brush and short grass. No new information.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Meadow Creek	UT-SCS	4,154	0	45	Ctn	9/16	296	87	6	15	4	1	404K	ST
Hungry	NV-WNA	305	5	30	Ctn	9/12	111	-14	3	4	2	0	500K	BIA
Neck	UT-CCD	19,151	0	76	Ctn	9/14	304	1	6	15	6	0	3.3M	BLM

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Goat Canyon	UT-RID	1,594	0	90	Ctn	UNK	59	-3	2	4	0	0	600K	BLM
North Wilson	ID-JMX	332	---	50	Ctn	UNK	30	---	0	7	0	2	25K	CNTY
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Mammoth	UT-MLF	667	0	75	Comp	10/1	62	0	1	5	2	0	1.4M	FS
Smith Knob	ID-PAF	874	---	0	Comp	10/1	22	---	1	0	0	0	310K	FS
Shady	ID-SCF	6,286	---	0	Comp	10/31	0	---	0	0	0	0	560K	FS
Cove Creek	ID-SCF	5,332	---	85	Comp	9/30	8	---	0	0	0	0	5.2M	FS
Little Bear	UT-DIF	2,669	---	75	Comp	9/14	10	---	0	1	0	0	835K	FS
Trumbull	AZ-ASD	2,925	---	0	Comp	9/26	0	---	0	0	0	0	550K	BLM
Boone	ID-CTF	117	---	0	Comp	9/30	2	---	0	0	0	0	10K	FS

MLF – Manti-La Sal NF, USFS PAF – Payette NF, USFS SCF – Salmon-Challis NF, USFS DIF – Dixie NF, USFS
ASD – Arizona Strip Field Office, BLM CTF – Caribou-Targhee NF, USFS

Northwest Area (PL 2)

New fires: 24
New large incidents: 0
Uncontained large fires: 2

Gopher, Rogue River-Siskiyou NF, USFS. Eleven miles east of Prospect, OR. Medium logging slash. Minimal fire behavior with smoldering and creeping. Area, road and trail closures in effect.

Diamond Valley, Burns District, BLM. Nine miles east of Frenchglen, OR. Brush, tall and short grass. Minimal fire behavior with smoldering. Structures threatened.

204 Cow, Malheur NF, USFS. Transfer of command from NIMO (Boise) back to the local unit occurred yesterday. Seventeen miles southwest of Unity, OR. Timber and brush. 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			
Gopher	OR-RSF	352	12	5	Ctn	9/20	370	51	13	0	7	0	1.5M	FS
Diamond Valley	OR-BUD	751	0	40	Ctn	9/14	71	0	1	6	4	0	250K	BLM
204 Cow	OR-MAF	9,668	---	73	Comp	10/15	148	---	2	2	0	0	10.6M	FS
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
South Fork Creek	WA-OWF	199	---	60	Comp	11/15	0	---	0	0	0	0	30K	FS
Granite Gulch	OR-WWF	5,500	---	---	Comp	10/31	9	---	0	0	1	0	460K	FS
Devore Creek	WA-OWF	630	---	---	Comp	11/30	3	---	0	0	0	0	1.1M	FS

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

Alaska Area (PL 2)

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

Swan Lake, Kenai Kodiak Area, Alaska DOF. IMT 2 (NR Team 4). Started on FWS land five miles northeast of Sterling, AK. Timber, brush and short grass. Minimal fire behavior with creeping, smoldering and isolated torching. Numerous structures threatened. Area, road and trail closures in effect.

McKinley, Mat-Su Area, Alaska DOF. IMT 2 (NR Team 7). Started on private land 18 miles north of Willow, AK. Timber and brush. Minimal fire behavior with smoldering. Evacuations in effect. Numerous residences threatened.

Deshka Landing, Mat-Su Area, Alaska DOF. Seven miles southwest of Willow, AK. Timber, brush and short grass. No new information.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Swan Lake	AK-KKS	163,714	0	37	Comp	10/1	380	-50	5	18	4	0	42.8M	FWS
McKinley	AK-MSS	3,289	0	95	Ctn	10/1	217	-87	2	7	1	139	14.9M	PRI
Deshka Landing	AK-MSS	1,318	0	95	Ctn	12/31	0	-60	0	0	0	0	4.7M	ST
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Tokaina 2	AK-CRS	9,265	0	0	Comp	9/30	5	0	0	0	1	0	812K	ST
Pete Andrews Creek	AK-SWS	5,859	---	70	Comp	UNK	7	---	0	0	0	0	983K	PRI
Lower Klutuk	AK-SWS	4,699	---	0	Comp	10/14	0	---	0	0	0	0	2K	BLM

CRS – Valdez-Copper River Area, Alaska DOF SWS – Southwest Area, Alaska DOF

Southwest Area (PL 2)

New fires: 4
 New large incidents: 1
 Uncontained large fires: 1

* **Whiskey**, Coconino NF, USFS. Fifteen miles southwest of Flagstaff, AZ. Timber. Minimal fire behavior with backing, creeping and smoldering.

Ash, Southeast District, Arizona DOF. Twenty-three miles northeast of Wilcox, AZ. Brush and short grass. No new information. Last report unless new information is received.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Whiskey	AZ-COF	100	---	0	Comp	10/16	46	---	0	4	0	0	20K	FS
Ash	AZ-A3S	500	---	25	Ctn	UNK	31	---	1	1	0	0	9K	ST
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Telephone	AZ-ASF	700	0	15	Comp	9/18	42	0	1	3	0	0	56K	FS
Apache	NM-GNF	161	1	0	Comp	10/31	26	0	0	1	0	0	45K	FS
Amole	NM-CAF	600	265	1	Comp	9/15	124	18	3	2	1	0	92K	FS
Rocky	AZ-ASF	2,000	---	0	Comp	9/30	109	---	4	2	1	0	100K	FS
River	AZ-TNF	7,900	---	35	Comp	9/15	56	---	1	2	2	0	450K	FS
Montoya Springs	NM-CAF	2,950	---	75	Comp	UNK	25	----	0	4	0	0	425K	FS
Lava 18	NM-EMP	2,070	---	20	Comp	9/30	44	---	2	2	0	0	370K	NPS
Middle	NM-LNF	785	---	50	Comp	11/15	26	---	1	1	0	0	20K	FS
Sheridan	AZ-PNF	21,510	---	60	Comp	9/15	60	---	1	3	1	0	4.2M	FS

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Ikes	AZ-GCP	7,300	---	95	Comp	9/15	32	---	0	3	1	0	2.4M	NPS
Eden	AZ-COF	1,009	---	15	Comp	9/30	31	---	2	2	0	0	50K	FS
Redmond	AZ-TNF	690	---	0	Comp	9/30	31	---	1	2	0	0	13K	FS
Castle	AZ-KNF	19,368	---	98	Comp	9/15	16	---	0	2	0	0	6M	FS
Buckhorn	AZ-A3S	1,900	---	85	Comp	UNK	31	---	1	2	0	0	49K	ST
Redondo	NM-BAP	317	0	100	Comp	UNK	2	-2	0	0	0	0	230K	NPS

ASF–Apache-Sitgreaves NF, USFS GNF – Gila NF, USFS CAF – Carson NF, USFS TNF – Tonto NF, USFS
 EMP – El Malpais National Monument, NPS LNF – Lincoln NF, USFS PNF – Prescott NF, USFS GCP – Grand Canyon NP, NPS
 KNF – Kaibab NF, USFS BAP – Bandelier National Monument, NPS

Southern Area (PL 2)

New fires: 28
 New large incidents: 1
 Uncontained large fires: 3

* **Wildhorse Mountain #2**, Oklahoma DOF. Twenty-one miles northeast of Antlers, OK. Timber. Extreme fire behavior with crowning and running.

The Landing Strip, Oklahoma DOF. Four miles north of Rattan, OK. Timber. Minimal fire behavior with smoldering.

Alabama Port, Alabama Forestry Commission. Started on private land one mile northwest of Heron Bay, AL. Southern rough and short grass. No new information. Last report unless new information is received.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Wildhorse Mountain #2	OK-OKS	185	---	40	Ctn	9/12	7	---	0	3	0	0	5K	ST
The Landing Strip	OK-OKS	530	0	70	Ctn	9/12	23	0	0	10	0	0	24K	ST
Alabama Port	AL-ALS	325	---	80	Ctn	UNK	0	---	0	0	0	0	2K	PRI

Rocky Mountain Area (PL 2)

New fires: 6
 New large incidents: 0
 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			
Pedro Mountain	WY-RAD	23,408	0	100	Ctn	---	17	-8	0	4	0	7	7M	BLM
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Hunt	CO-WRD	2,600	0	0	Comp	9/30	97	0	2	3	2	0	320K	BLM
Fishhawk	WY-SHF	11,171	---	0	Comp	10/31	67	---	1	1	1	0	1.9M	FS
Middle Mamm	CO-WRF	265	---	---	Comp	10/31	24	---	1	1	1	0	458K	FS

RAD – Rawlins Field Office, BLM WRD – White River Field Office, BLM SHF – Shoshone NF, USFS
 WRF – White River NF, USFS

Northern Rockies (PL 1)

New fires: 0
 New large incidents: 0
 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			
Large Fires Being Managed With a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
McClusky	MT-BDF	2,932	0	60	Comp	11/1	23	-51	0	1	0	0	1.2M	FS
Snow Creek	MT-FNF	1,815	---	5	Comp	10/31	3	---	0	0	0	0	80K	FS
Shale Creek	ID-NCF	600	---	0	Comp	11/1	11	---	0	0	0	0	50K	FS
Horsefly	MT-HLF	1,352	---	60	Comp	9/30	44	---	1	0	1	0	6.5M	FS
Barren Hill	ID-NCF	1,092	---	0	Comp	10/31	8	---	0	0	0	0	20K	FS
Beeskove	MT-LNF	430	---	73	Comp	9/30	1	---	0	0	0	0	7M	FS
Miller Gulch	MT-LNF	297	---	0	Comp	11/1	12	---	0	2	1	0	250K	FS
Elbow Bend	ID-NCF	129	---	0	Comp	10/31	0	---	0	0	0	0	10K	FS
Crab	ID-NCF	214	---	40	Comp	10/31	0	---	0	0	0	0	2.6M	FS
Snow Peak	ID-IPF	100	---	0	Comp	10/31	0	---	0	0	0	0	5K	FS

BDF – Beaverhead-Deerlodge NF, USFS FNF – Flathead NF, USFS NCF – Nez Perce-Clearwater NF, USFS
 HLF – Helena-Lewis and Clark NF, USFS LNF – Lolo NF, USFS IPF – Idaho Panhandle NF, USFS

Fires and Acres Yesterday (by Protection):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	1	0	0	2	0	3
	ACRES	0	0	0	0	0	0	0
Northwest Area	FIRES	0	0	0	1	10	13	24
	ACRES	0	0	0	0.1	4	69	73
Northern California Area	FIRES	0	0	0	0	13	2	15
	ACRES	0	2	0	0	2,363	1,349	3,714
Southern California Area	FIRES	0	0	0	0	16	0	16
	ACRES	0	0	0	0	51	233	284
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	7	5	12
	ACRES	0	259	0	0	3,006	6	3,271
Southwest Area	FIRES	0	0	0	1	1	2	4
	ACRES	0	0	0	1	250	481	732
Rocky Mountain Area	FIRES	0	1	0	0	1	4	6
	ACRES	0	0	0	0	0	78	78
Eastern Area	FIRES	0	0	0	0	1	0	1
	ACRES	0	0	0	0	0	0	0
Southern Area	FIRES	0	0	0	0	27	1	28
	ACRES	0	0	0	0	75	0	75
TOTAL FIRES:		0	2	0	2	78	27	109
TOTAL ACRES:		0	261	0	1	5,748	2,216	8,227

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	240	0	0	409	44	693
	ACRES	0	1,700,978	0	0	886,632	13	2,587,623
Northwest Area	FIRES	224	188	14	29	1,557	959	2,971
	ACRES	48,923	29,192	89	4	20,534	21,656	120,399
Northern California Area	FIRES	51	44	4	7	2,150	433	2,689
	ACRES	28	5,599	25	1	31,547	57,971	95,172
Southern California Area	FIRES	15	72	10	18	2,854	289	3,258
	ACRES	140	414	2,727	106	17,236	22,445	43,068
Northern Rockies Area	FIRES	733	48	22	15	742	447	2,007
	ACRES	11,489	969	10,026	116	37,117	11,019	70,736
Great Basin Area	FIRES	32	683	8	29	767	417	1,936
	ACRES	139	259,550	18	12	150,475	33,830	444,024
Southwest Area	FIRES	591	191	11	50	568	783	2,194
	ACRES	51,562	6,749	55	8,922	29,118	323,190	419,596
Rocky Mountain Area	FIRES	243	286	1	10	496	280	1,316
	ACRES	1,938	5,043	5,048	29	18,124	19,792	49,973
Eastern Area	FIRES	301	0	15	31	3,539	291	4,177
	ACRES	569	0	427	520	26,307	5,134	32,957
Southern Area	FIRES	254	0	34	44	14,339	230	14,901
	ACRES	22,653	0	2,498	2,303	345,000	15,229	387,683
TOTAL FIRES:		2,444	1,752	119	233	27,421	4,173	36,142
TOTAL ACRES:		137,441	2,008,494	20,914	12,013	1,562,090	510,279	4,251,231

Ten Year Average Fires (2009 – 2018 as of today)	47,261
Ten Year Average Acres (2009 – 2018 as of today)	5,918,538

***Changes in some agency YTD acres reflect more accurate mapping or reporting adjustments.

***Additional wildfire information is available through the Geographic Areas at <https://qacc.nifc.gov/>

Canadian Fires and Hectares

PROVINCES	FIRES YESTERDAY	HECTARES YESTERDAY	FIRES YEAR-TO- DATE	HECTARES YEAR-TO-DATE
BRITISH COLUMBIA	0	0	949	21,168
YUKON TERRITORY	0	0	112	252,911
ALBERTA	0	0	971	883,400
NORTHWEST TERRITORY	0	0	145	105,167
SASKATCHEWAN	0	0	232	47,954
MANITOBA	0	0	277	101,435
ONTARIO	0	0	531	269,757
QUEBEC	0	0	332	10,225
NEWFOUNDLAND	0	0	88	777
NEW BRUNSWICK	0	0	176	224
NOVA SCOTIA	0	0	134	154
PRINCE EDWARD ISLAND	0	0	2	9
NATIONAL PARKS	0	0	72	117,830
TOTALS	0	0	4,021	1,811,010

*1 Hectare = 2.47 Acres

Predictive Services Discussion: The low pressure system over the Pacific Northwest will move east into the Northern Rockies and will allow for the precipitation to continue and gradually spread east into Wyoming and northern Colorado by afternoon. To the west, a warm ridge of high pressure will begin to approach the coast and will allow for a warming trend to begin. More importantly, it will also allow for northerly winds to develop across California. To the east, across Texas, the area of precipitation will spread east into central portions of the state. Hot and humid conditions will continue over the Southeast as the high pressure ridge remains highly amplified reaching as far north as Pennsylvania. Breezy westerly winds will continue along the northern tier from the Great Lakes to Maine.

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



Noise Exposure Safety

Firefighter Health & First Aid

Working in noisy environments presents daily safety challenges to wildland firefighters. Noise exposure research clearly indicates that accidents and injuries increase in noisy work environments. Additionally...did you know that hearing loss is permanent...and preventable?

Those most at risk of excessive noise exposure include

- Sawyers/swampers
- Heavy equipment operators
- Helitack/helibase/tanker base personnel
- Engine and pump operators
- Masticator/chipper workers
- Anyone working with weed whackers/leaf blowers/air compressors
- Retardant mixing personnel

Noise exposure will cause

- Fatigue
- Headaches
- Distraction
- Miscommunication
- Inability to hear warnings
- Increased errors

Mitigation Techniques

- When possible, stay as far away from the noise source as possible.
- Limit the amount of time you are exposed to the noise.
- Give your ears a break from the noise when possible; the quiet break will help conserve your hearing.
- Always wear hearing protection making certain that:
 - ✓ Your hearing protection has a Noise Reduction Ratio (NRR) of at least 20 dBA (level of protection in decibels) which is listed on the package.
 - ✓ You know how to insert/use/maintain them.
 - ✓ Your ear plugs are clean. *NOTE: dirty ear plugs are better than no ear plugs BUT grab some extras out of supply because they work better when changed often.*
 - ✓ When not in use, keep your ear plugs preferably somewhere cleaner than your Nomex button hole.

Discussion Questions

- How can exposure to excessive noise reduce the firefighter's ability to maintain good situational awareness and fulfill the Standard Fire Orders, such as:
 - Be alert. Keep calm. Think clearly. Act decisively.
 - Give clear instructions and be sure they are understood.
 - Fight fire aggressively, having provided for safety first.
- Are you wearing hearing protection when you work in ALL noisy environments?
- What are some solutions for a flight helmet that lets noise in because the ear cup doesn't fit correctly?
- When working with chain saws, mowers, and weed whackers, etc. **at home**...how do you protect your hearing?

- Action:**
- 1 - Look at your ear plugs. If they're dirty, get a new pair and a spare.
 - 2 - Find out if your unit/forest/district/team has a hearing conservation program and join it.
 - 3 - Consider turning down your music just a little bit, especially when you listen with earbuds.

Additional Resources

Wildland Firefighter Hearing Conservation: Noise Exposure – Interim Report <https://www.wildfirelessons.net/viewdocument/wildland-firefighter-hearing-conser-1>

Noise exposure among federal wildland firefighters Journal of the Acoustical Society of America <https://asa.scitation.org/doi/full/10.1121/1.4976041> and <https://blogs.cdc.gov/niosh-science-blog/2017/04/17/noise-ff/>
National Institute for Occupational Safety and Health (NIOSH) – Noise and Hearing Loss Prevention <https://www.cdc.gov/niosh/topics/noise/>

Occupational Safety and Health Administration (OSHA) Occupational Noise Exposure <https://www.osha.gov/SLTC/noisehearingconservation/>

Have an idea? Have feedback? Share it.

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