### National Interagency Coordination Center Incident Management Situation Report Friday, December 17, 2021 – 0730 MDT National Preparedness Level 1

### National Fire Activity (December 10, 2021 - December 16, 2021):

initial attack activity:	Light (2/1 fire
New large incidents:	18
Large fires contained:	18
Uncontained large fires: ***	8
Area Command teams committed:	0
NIMOs committed:	0
Type 1 IMTs committed:	0
Type 2 IMTs committed:	0

Nationally, there are 0 fires being managed under a strategy other than full suppression.

**Link** to Geographic Area daily reports.

**Link** to Understanding the IMSR.

This report will post every Friday at 0730 Mountain time unless significant activity occurs.

		Activ	e Inciden	t Resource	Summary		
GACC	Incidents	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel	Change in Personnel
AICC	0	0	0	0	0	0	0
NWCC	0	0	0	0	0	0	0
ONCC	0	0	0	0	0	0	0
oscc	1	88,307	0	0	0	1	0
NRCC	0	0	0	0	0	0	-25
GBCC	0	0	0	0	0	0	0
SWCC	0	0	0	0	0	0	0
RMCC	0	0	0	0	0	0	0
EACC	1	1,204	0	1	0	4	-16
SACC	21	59,2173	2	132	2	489	211
Total	23	148,7283	2	133	2	494	170

<sup>\*\*\*</sup>Uncontained large fires include only fires being managed under a full suppression strategy.

#### Southern Area (PL 2)

New fires:145New large incidents:18Uncontained large fires:8

- \* **Cobb**, Oklahoma DOF. Twelve miles west of Guymon, OK. Grass. Extreme fire behavior with wind-driven runs. Numerous structures threatened. Evacuations and road closures in effect.
- \* **640**, Oklahoma DOF. Four miles northeast of Cherokee, OK. Tall grass. Extreme fire behavior with wind-driven runs.
- \* **Stone Hill**, Oklahoma DOF. One mile west of Stonebluff, OK. Hardwood litter. Active fire behavior with running.
- \*Birdcreek, Okmulgee Field Office, BIA. Three miles east of Weleetka, OK. Hardwood litter, slash and dormant brush. Active fire behavior with running, spotting and torching. Structures threatened.
- \* **Bigfoot Mt**, Oklahoma DOF. Eight miles southeast Tahlequah, OK. Timber. Moderate fire behavior with wind driven runs.
- \* **Wolf Mountain**, Oklahoma DOF. Thirty-one miles southwest of Fort Smith, AR. Hardwood litter. Active fire behavior with uphill runs and wind-driven runs.
- \* North 207, Texas A&M Forest Service. Twelve miles west of Pampa, TX. Brush and tall grass. Extreme fire behavior with wind-driven runs and running. Evacuations in effect.
- \* **Parker Creek**, Texas A&M Forest Service. Twenty-eight miles southwest of Dumas, TX. Tall grass. Active fire behavior with wind-driven runs and running. Structures threatened.

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Perso	onnel	R	esourc	es	Strc	\$\$	Origin
incident Name	Offic	Acres	Chge	70	Comp	⊏Si	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
* Cobb	OK-OKS	7,987		45	Ctn	12/18	21		0	11	0	2	94K	ST
* 640	OK-OKS	636		30	Ctn	12/18	41		0	15	0	0	52K	ST
* Stone Hill	OK-OKS	350		75	Ctn	12/17	39		0	14	0	0	25K	ST
* Birdcreek	OK-OMA	137		75	Ctn	12/18	6		0	1	0	0	25K	BIA
*Bigfoot Mt	OK-OKS	139		90	Ctn	UNK	13		0	6	0	0	5K	ST
* Wolf Mountain	OK-OKS	106		90	Ctn	UNK	4		0	1	0	0	4K	ST
* North 207	TX-TXS	23,810		65	Ctn	12/20	81		1	18	1	2	NR	ST
* Parker Creek	TX-TXS	7,000		75	Ctn	12/19	92		0	21	1	0	NR	ST
Big Valley	KY-DBF	552	2	100	Ctn		2	-20	0	1	0	0	50K	FS
Barrel	OK-OSA	166	0	100	Ctn		18	0	0	5	0	0	5K	BIA
McDuck	OK-OSA	116	0	100	Ctn		22	0	0	10	0	0	6K	BIA
* Belcher Complex	TX-TXS	1,119		100	Ctn		48		0	10	0	0	NR	ST
* Deer Plot	OK-OMA	243		100	Ctn		12		1	3	0	0	10K	BIA
* State Line 3	AR-OUF	737		100	Ctn		1		0	0	0	0	10K	FS
* Judges	TX-TXS	509		100	Ctn		8		0	2	0	4	NR	PRI
* Arrowhead	TX-TXS	6,300		100	Ctn		33		0	5	0	0	NR	PRI

Incident Name	Unit	Siz	ze	%	Ctn/	Est	Perso	Personnel		Resources			\$\$	Origin
Incident Name	O III	Acres	Chge	70	Comp	LSI	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
* Coombs	OK-OKS	1,465		100	Ctn		1		0	0	0	19	36K	ST
* Burks	OK-OKS	1,059		100	Ctn		0		0	3	0	1	67K	ST
* Electra Complex	TX-TXS	2,300		100	Ctn		38		0	11	0	0	NR	PRI
* Milligan	OK-OKS	268		100	Ctn		1		0	0	0	0	72K	ST
* Live	TX-TXS	890		100	Ctn		23		0	5	0	10	NR	PRI
* Twin Creek	TX-TXS	3,607		100	Ctn		22		0	6	0	0	NR	PRI

DBF - Daniel Boone NF, USFS OSA - Osage Agency, BIA OUF - Ouachita NF, USFS

### Southern California Area (PL 1)

New fires:104New large incidents:0Uncontained large fires:0

Incident Name	Unit	Siz	ze	%	% Ctn/		Ctn/	Ctn/	Ctn/	Ctn/	Ctn/		- '	Ctn/	Est	Personnel		Resources		Strc	\$\$	Origin
modern rame	O I I	Acres	Chge	70	Comp	LSt	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own								
KNP Complex	CA-KNP	88,307	0	100	Ctn		1	0	0	0	0	4	170M	NPS								

KNP - Sequoia & Kings Canyon NP, NPS

### Northern Rockies Area (PL 1)

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

Incident Name	Unit	Size		% Ctn/		Est	Personnel		R	esource	es	Strc	\$\$	Origin
Incluent Name	Offic	Acres	Chge	70	Comp	LSI	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own
Crown Mountain	MT-HLF	1,379	0	100	Ctn	1	0	-1	0	0	0	0	3M	FS
Dump Road	MT-BFA	900	0	100	Ctn		0	-14	0	0	0	2	200K	BIA

HLF - Helena-Lewis and Clark NF, USFS BFA - Blackfeet Agency, BIA

#### Eastern Area (PL 1)

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

Incident Name	Unit	Siz	ze	0/2	% Ctn/		Ctn/ Est		Personnel		Resources			Strc	\$\$	Origin
Incident Name	Offic	Acres	Chge	70	Comp	Loi	Total	Chge	Crw	Eng	Heli	Lost	CTD	Own		
Clark	MO-MTF	1,204	0	100	Ctn		4	0	0	1	0	0	10K	FS		

MTF - Mark Twain NF, USFS

# Fires and Acres (December 10, 2021 – December 16, 2021) (by Protection):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Anas	FIRES	0	0	0	0	0	0	0
Alaska Area	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	4	1	5
Northern Camornia Area	ACRES	0	0	0	0	0	0	0
Southern California Area	FIRES	0	0	1	0	21	82	104
Southern California Area	ACRES	0	0	0	0	33	350	383
Northern Rockies Area	FIRES	0	0	0	0	1	0	1
Northern Nockies Area	ACRES	0	0	0	0	0	0	0
Great Basin Area	FIRES	0	1	0	0	1	0	2
Gleat Dasili Alea	ACRES	0	0	0	0	0	0	0
Southwest Area	FIRES	4	0	0	1	2	3	10
Southwest Area	ACRES	3	0	0	1	2	0	7
Rocky Mountain Area	FIRES	0	0	0	0	2	0	2
Nocky Mountain Area	ACRES	0	0	0	0	21	0	21
Eastern Area	FIRES	0	0	0	0	0	2	2
Eastern Area	ACRES	0	0	0	0	0	60	60
Southern Area	FIRES	23	0	0	0	117	5	145
Southern Alea	ACRES	659	0	0	0	6,109	353	7,120
TOTAL FIRES:		27	1	1	1	148	93	271
TOTAL ACRES:		662	0	0	1	6,165	763	7,590

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

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaaka Araa	FIRES	0	116	0	0	249	19	384
Alaska Area	ACRES	0	157,619	0	0	95,732	5	253,357
Northwest Area	FIRES	239	329	40	19	2,229	784	3,640
Northwest Area	ACRES	157,316	11,033	13,392	1,172	198,525	1,104,980	1,486,419
Northern California Area	FIRES	61	41	5	23	3,274	554	3,958
Northern Camornia Area	ACRES	286	296	351	12,566	1,024,958	1,639,781	2,678,238
Southern California Area	FIRES	22	126	15	92	4,306	708	5,269
Southern California Area	ACRES	21,406	6,816	201	96,854	23,079	170,527	318,884
Northern Rockies Area	FIRES	1,450	104	31	26	1,596	841	4,048
Northern Nockies Area	ACRES	125,416	37,131	3,599	3,224	489,736	415,307	1,074,413
Great Basin Area	FIRES	51	776	59	33	921	605	2,445
Great basiii Area	ACRES	3,330	81,615	11	2,192	90,039	196,680	373,867
Southwest Area	FIRES	707	224	17	37	377	1,021	2,383
Southwest Alea	ACRES	26,687	83,995	2,713	3,363	25,958	496,108	638,827
Rocky Mountain Area	FIRES	940	450	13	29	1,456	439	3,327
Rocky Mountain Area	ACRES	13,104	26,249	1,316	1,120	127,896	35,247	204,932
Costorn Area	FIRES	569	0	54	36	9,670	512	10,841
Eastern Area	ACRES	12,730	0	14,425	1,237	77,081	47,209	152,682
Southorn Aroa	FIRES	598	0	74	54	19,919	525	21,170
Southern Area	ACRES	33,965	0	15,298	9,458	410,458	37,078	506,259
TOTAL FIRES:		4,637	2,166	308	349	43,997	6,008	57,465
TOTAL ACRES:		394,241	404,756	51,306	131,188	2,563,463	4,142,925	7,687,881

Ten Year Average Fires (2011 – 2020 as of today)	57,222
Ten Year Average Acres (2011 – 2020 as of today)	7,315,858

<sup>\*\*\*</sup>Changes in some agency YTD acres reflect more accurate mapping or reporting adjustments.

\*\*\*Additional wildfire information is available through the Geographic Areas at <a href="https://gacc.nifc.gov/">https://gacc.nifc.gov/</a>

<u>Predictive Services Discussion:</u> Showers and thunderstorms will develop along and ahead of surface fronts stretching from central Texas into the Mid-Atlantic and Southeast today and tomorrow. Snow and mixed precipitation are likely across portions of the northern Plains, Great Lakes, and Northeast as well. A cold front will push into the Gulf of Mexico and the Atlantic, but chances of thunderstorms and showers remain Sunday into early next week across portions of the Gulf and southeast Atlantic coasts. Another storm will impact the West Coast this weekend through early next week, with precipitation expected across much of the region, especially along and west of the Cascades and Sierra.

Dry and breezy conditions are likely to continue on portions of the central Plains today and on portions of the central and southern Plains into next week. Downslope flow is forecast to strengthen next week over the Plains, which may result in critical fire weather conditions. Overall, much of the Southwest and Plains will remain dry through next week, but there are chances of precipitation forecast in the Trans-Pecos region of Texas tomorrow and Sunday.

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



## **Smoke Exposure**

Firefighter Health & First Aid

Exposure to smoke during fire operations can be a significant safety concern. Research has shown that smoke exposure on prescribed fires, especially in the holding and ignition positions, often exceeds that on wildfires. There are many precautions that can be taken to limit personnel exposure to smoke.

- Planning: Smoke exposure needs to be considered when planning suppression tactics and prescribed fires. Simple actions, such as the following, can mitigate smoke exposures.
  - Alter line locations to minimize smoke exposure.
  - Locate firelines in areas of lighter fuels or use roads or other barriers that will require less holding, patrol, and mop-up.
  - Use flanking attack as opposed to head attack (where appropriate) in heavy smoke situations.
  - Check fire behavior forecasts for smoke and inversion potential.
  - In heavy smoke, give up acres to gain control.
- Implementation: Many techniques, including the following, can help reduce the exposure of personnel to heavy smoke.
  - Rotate people out of the heaviest smoke area; this may be the single most effective method.
  - Locate camps and Incident Command Posts in areas not prone to inversions.
  - Minimize snag falling, consistent with safety concerns, to avoid putting heavy fuels on the ground that will require mop-up.
  - Change firing patterns and pre-burning (black lining) during less severe conditions to greatly reduce exposure to smoke.
  - The use of retardant, foam, or sprinklers can also significantly reduce the workload and exposure time for holding crews.

#### Resources

WFSTAR Module – Smoke: Knowing the Risks
FINAL REPORT Wildland Fire Smoke Health Effects on Wildland Firefighters and the Public
Factors affecting smoke and crystalline silica exposure among wildland firefighters
Wildland firefighter smoke exposure and risk of lung cancer and cardiovascular disease mortality