

**National Interagency Coordination Center  
Incident Management Situation Report  
Friday, December 28, 2012 – 0800 MT  
National Preparedness Level 1**

**National Fire Activity (December 21 - December 28)**

Initial attack activity: Light (64 new fires)  
 New large fires: 1 (\*)  
 Large fires contained: 2  
 Uncontained large fires: \*\* 1  
 Area Command Teams committed: 0  
 NIMOs committed: 0  
 Type 1 IMTs committed: 0  
 Type 2 IMTs committed: 0

\*\* Uncontained large fires include only fires being managed under a full suppression strategy.

[Link](#) to Geographic Area daily reports.

**Southern Area (PL 1)**

New fires: 55  
 New large fires: 1  
 Uncontained large fires: 1

**Peachland**, Oklahoma DOF. Seven miles northwest of Talihina, OK. Timber. No further information. Last report unless new information is received.

Incident Name	St	Unit	Size	Size Chge 24 Hrs	% Ctn	Est Ctn	Totl Pers	Pers Chge 24 Hrs	Crw	Eng	Heli	Strc Lost	\$\$ CTD	Origin Own
Peachland	OK	OKS	450	---	80	UNK	4	---	0	2	0	0	1K	ST
* Elk Trail	OK	OKS	360	---	100	---	0	---	0	0	0	0	5K	ST
Sonny Hollar	OK	OKS	350	---	100	---	0	---	0	0	0	0	5K	ST

**Other Fires**

(As of December 28)

GACC	Fires	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AK	0	0	0	0	0	0
NW	0	0	0	0	0	0
NO	0	0	0	0	0	0
SO	0	0	0	0	0	0
NR	0	0	0	0	0	0
EB	0	0	0	0	0	0
WB	0	0	0	0	0	0
SW	0	0	0	0	0	0
RM	0	0	0	0	0	0
EA	0	0	0	0	0	0
SA	0	0	0	0	0	0
Total	0	0	0	0	0	0

**Predictive Services Discussion:** A winter storm will move from the Rockies to the East coast over the weekend, bringing snow to the northern regions and rain and thunderstorms to the South. Smaller, weaker storms will pass across the West producing rain along the coast and scattered snow over the interior. Scattered showers will develop across the Gulf coast by midweek. Temperatures will remain cold across much of the nation with mild to warm conditions in the southern third of the country.

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



## Today's discussion is from the Hazmat Category.

### Hydrogen Sulfide Gas (H<sub>2</sub>S)

Oil and Gas production across the western United States has increased dramatically and can have an impact on fire suppression operations and expose fire personnel to health hazards. Many parts of the western United States also have natural occurring coal seams that can also produce potentially toxic gases as well.

● Fire personnel can be exposed to hydrogen sulfide gas (H<sub>2</sub>S) which is a commonly expelled during oil and gas extraction operations and some coal seam seeps. H<sub>2</sub>S is a highly toxic, flammable, colorless gas produced by decaying organic matter and has a characteristic odor of rotten eggs at low concentrations; however, the sense of smell is paralyzed at airborne levels above 50 to 150 ppm. At higher concentrations, H<sub>2</sub>S can result in respiratory paralysis, asphyxial seizures, and death. Characteristics of a fatal exposure are rapid “knock down”, respiratory depression, tremors, blurred vision, cyanosis, seizures and tachycardia. H<sub>2</sub>S vapor can also travel considerable distances to a source of ignition and flash back explosively and gives off corrosive and poisonous oxides of sulfur upon combustion.

● To avoid exposure to H<sub>2</sub>S, here are some DO's and DON'Ts concerning fire operations near oil and gas operations:

● DOs:

- If you are responding to a known oil and gas pad or coal seam areas, DO contact local petroleum engineer or resource advisor.
- If your unit has known oil and gas operations or coal seams, DO ensure that every firefighter is provided with training on H<sub>2</sub>S.
- If you happen upon a remote oil and gas pad area, DO cordon off the area with flagging and deny entry and DO modify suppression tactics to avoid the area.
- DO avoid low lying drainage, ravines, and gullies near oil and gas pads and coal seams as they tend to accumulate higher air concentrations of potentially toxic gases, especially during early morning hours when air has the tendency to sink.
- If you suspect that someone has been exposed to H<sub>2</sub>S, DO seek medical care immediately at the nearest hospital.

● DON'Ts:

- DON'T locate fire camps, ICPs, or helispots on or near oil and gas pads.
- DON'T depend on sense of smell for warning - H<sub>2</sub>S causes rapid deterioration of sense of smell.
- DON'T attempt fire suppression on or in close proximity to oil and gas pads. Local petroleum engineer or resource advisor may recommend safe working distances and firefighters may also be given H<sub>2</sub>S monitors when working near oil and gas pad operations and/or coal seams.
- DON'T wait to seek medical attention if H<sub>2</sub>S exposure is suspected.

References: [Maverick Lessons Learned Review](#)

**Have an idea? Have feedback? Share it.**

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**Fires and Acres (December 21 - December 28)**

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES							0
	ACRES							0
Northwest	FIRES							0
	ACRES							0
Northern California	FIRES					1		1
	ACRES					0		0
Southern California	FIRES						2	2
	ACRES						0	0
Northern Rockies	FIRES							0
	ACRES							0
Eastern Great Basin	FIRES							0
	ACRES							0
Western Great Basin	FIRES							0
	ACRES							0
Southwest	FIRES	4					1	5
	ACRES	1					63	64
Rocky Mountain	FIRES						1	1
	ACRES						0	0
Eastern Area	FIRES							0
	ACRES							0
Southern Area	FIRES				1	53	1	55
	ACRES				0	1,023	11	1,034
TOTAL	FIRES	4	0	0	1	54	5	64
	ACRES	1	0	0	0	1,023	74	1,098

### Fires and Acres Year-to-Date

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES	4	39	30	22	316	5	416
	ACRES	164	51,616	39,629	76,752	118,726	0	286,887
Northwest	FIRES	185	233	27	32	844	990	2,311
	ACRES	49,130	1,124,327	1,902	23	72,156	268,711	1,516,249
Northern California	FIRES	123	24	1	13	2,838	429	3,428
	ACRES	275	423,780	1	28,526	34,364	229,819	716,765
Southern California	FIRES	35	249	12	65	3,326	715	4,402
	ACRES	47	42,566	8	2,197	42,424	12,672	99,914
Northern Rockies	FIRES	1,333	240	47	23	930	779	3,352
	ACRES	449,477	310,171	11,419	5,210	246,475	345,658	1,368,410
Eastern Great Basin	FIRES	61	859	1	33	858	617	2,429
	ACRES	30,314	793,932	2	2,131	238,863	913,341	1,978,583
Western Great Basin	FIRES	2	622	4	16	158	142	944
	ACRES	1,199	506,913	61	28	62,428	42,497	613,126
Southwest	FIRES	705	206	13	44	557	1,108	2,633
	ACRES	38,176	5,392	187	4,334	34,067	461,304	543,460
Rocky Mountain	FIRES	1,825	559	42	52	2,100	769	5,347
	ACRES	172,491	72,576	4,387	4,482	765,679	219,383	1,238,998
Eastern Area	FIRES	834		84	21	9,537	663	11,139
	ACRES	2,010		6,013	403	123,939	12,778	145,143
Southern Area	FIRES	645		131	46	29,319	723	30,864
	ACRES	123,161		38,141	16,720	450,616	85,466	714,104
TOTAL	FIRES	5,752	3,031	392	367	50,783	6,940	67,265
	ACRES	866,444	3,331,273	101,750	140,806	2,189,737	2,591,629	9,221,639

<b>Ten Year Average Fires</b>	<b>75,375</b>
<b>Ten Year Average Acres</b>	<b>7,649,010</b>

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

**Prescribed Fires and Acres (December 21 to December 28)**

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES							0
	ACRES							0
Northwest	FIRES							0
	ACRES							0
Northern California	FIRES						0	0
	ACRES						22	22
Southern California	FIRES						1	1
	ACRES						171	171
Northern Rockies	FIRES						0	0
	ACRES						3	3
Eastern Great Basin	FIRES							0
	ACRES							0
Western Great Basin	FIRES					0	0	0
	ACRES					21	6	27
Southwest	FIRES						0	0
	ACRES						150	150
Rocky Mountain	FIRES					1	0	1
	ACRES					23	225	248
Eastern Area	FIRES							0
	ACRES							0
Southern Area	FIRES					47		47
	ACRES					576		576
TOTAL	FIRES	0	0	0	0	48	1	49
	ACRES	0	0	0	0	620	577	1,197

### Prescribed Fires and Acres Year-to-Date

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES				2	7	15	24
	ACRES				18	12,990	218	13,226
Northwest	FIRES	22	173	25	3		463	686
	ACRES	4,307	13,448	2,100	39		51,379	71,273
Northern California	FIRES	5	14	41	33	3	325	421
	ACRES	121	293	25,234	365	15	12,602	38,630
Southern California	FIRES		10	14	7	6	174	211
	ACRES		3,576	3,211	1,283	1,831	6,767	16,668
Northern Rockies	FIRES	26	27	75	5	193	360	686
	ACRES	3,060	4,839	18,436	240	9,299	24,601	60,475
Eastern Great Basin	FIRES		26	3	5	64	89	187
	ACRES		2,773	245	301	3,553	33,251	40,123
Western Great Basin	FIRES		5	4	4	24	4	41
	ACRES		830	419	1,657	3,145	259	6,310
Southwest	FIRES	39	20	13	23		206	301
	ACRES	21,512	9,085	5,545	6,324		68,559	111,025
Rocky Mountain	FIRES	49	28	114	23	25	109	348
	ACRES	6,813	4,767	26,385	2,541	1,306	17,080	58,892
Eastern Area	FIRES	37		554	56	1,102	184	1,933
	ACRES	22,116		89,453	9,797	51,889	60,094	233,349
Southern Area	FIRES	23		158	42	10,708	795	11,726
	ACRES	4,600		63,859	39,792	518,015	695,122	1,321,388
TOTAL	FIRES	201	303	1,001	203	12,132	2,724	16,564
	ACRES	62,529	39,611	234,887	62,357	602,043	969,932	1,971,359

**\*\*\* 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/>.

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 correction, and therefore may not match official year to date agency records.

**\*\* National Interagency Coordination Center \*\***