

Overview of the 2015-2016 Winter Spare the Air Season



Eric Stevenson, Meteorology, Measurement & Rules Director

Lisa Fasano, Communications Officer

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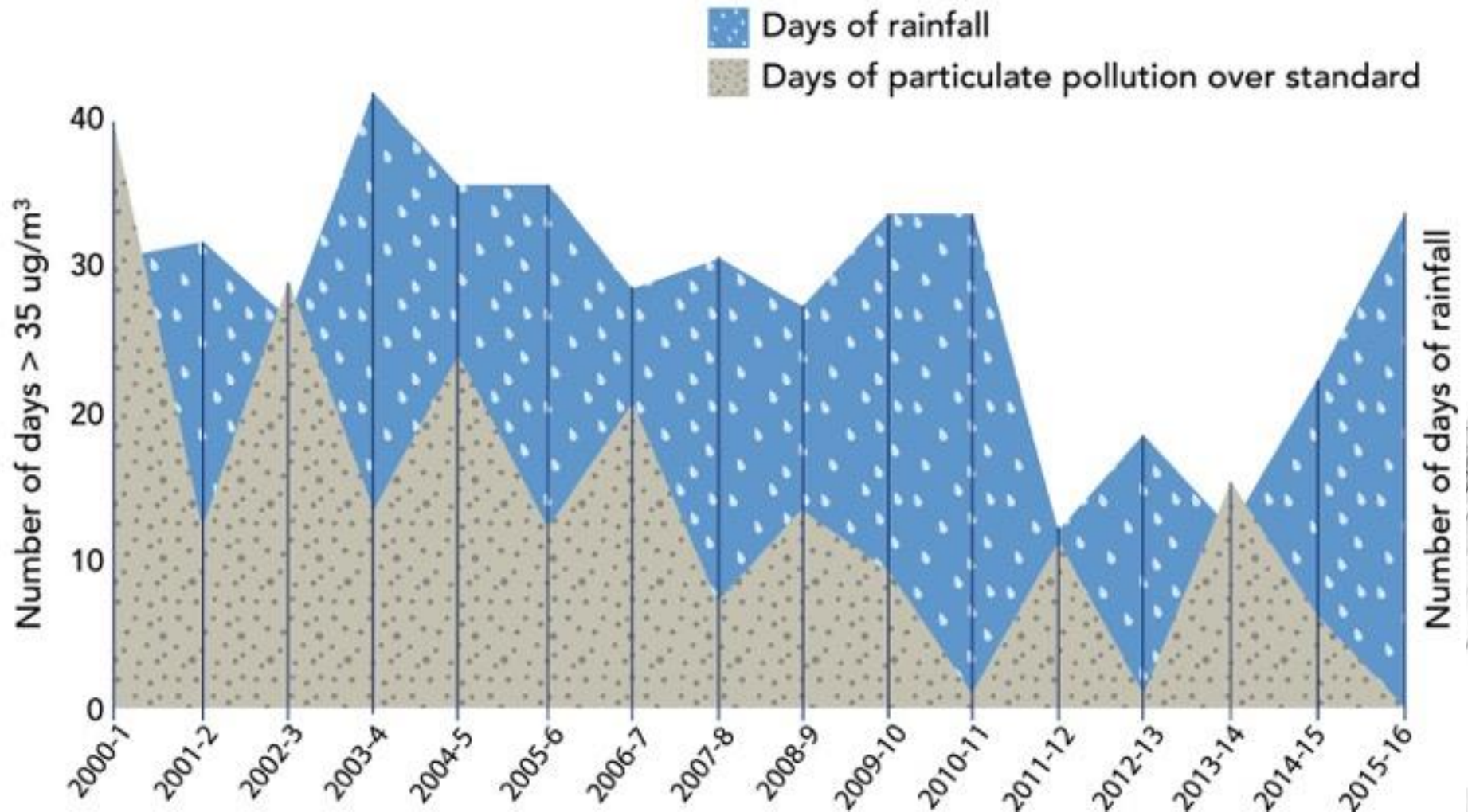
March 16, 2016

Meeting of the Board of Directors

Winter PM_{2.5} Seasons

Year	Days > 35 μg/m ³	Winter Spare the Air Alerts
2011/2012	11	15
2012/2013	1	10
2013/2014	15	30
2014/2015	6	23
2015/2016	0	1

Less Rainfall = More PM Pollution



Highest Air Quality Readings

Highest Air Quality Readings - November 2015 thru February 2016

November 2015						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
33	38	36	48	52	52	65
50	39	44	56	65	67	76
37	42	48	52	55	46	66
76	65	40	55	56	48	60
65	69					

December 2015						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		60	70	65	58	56
59	56	59	52	38	44	49
37	37	56	59	61	48	56
38	31	36	46	52	62	59
68	58	63	57	99		

January 2016						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					81	64
72	65	42	35	53	60	57
45	60	65	52	47	48	48
54	45	47	54	53	35	36
45	41	52	57	66	43	35
31						

February 2016						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	40	39	48	51	56	68
56	77	72	72	70	59	47
42	37	61	44	38	37	49
45	45	40	61	71	56	36
47	52					

Note: The data listed above is preliminary and represents the highest air quality index readings in the region for each day.

Advertising

今年冬天您家中是否煙霧瀰漫？
呼吸燒木材的煙非常不健康。



您的空氣，一定得保護。
1-877-466-2876 SpareTheAirNow.org

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Wood smoke is secondhand smoke 1-877-4NO-BURN SpareTheAir.org



Wood smoke is secondhand smoke 1-877-4NO-BURN SpareTheAir.org

AC TRANSIT BUIL



Has your home taken up smoking this winter?
Breathing wood smoke is unhealthy.

Carrier 12:02 AM

Michael Bublé Radio

Has your home taken up smoking this winter?
Breathing wood smoke is unhealthy.

It's Your Air, Protect It.
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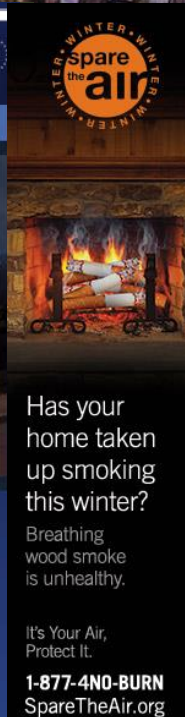
Beyond The Sea
Bobby Darin

0:15 2:38



Has your home taken up smoking this winter?
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WSTA 2015-16

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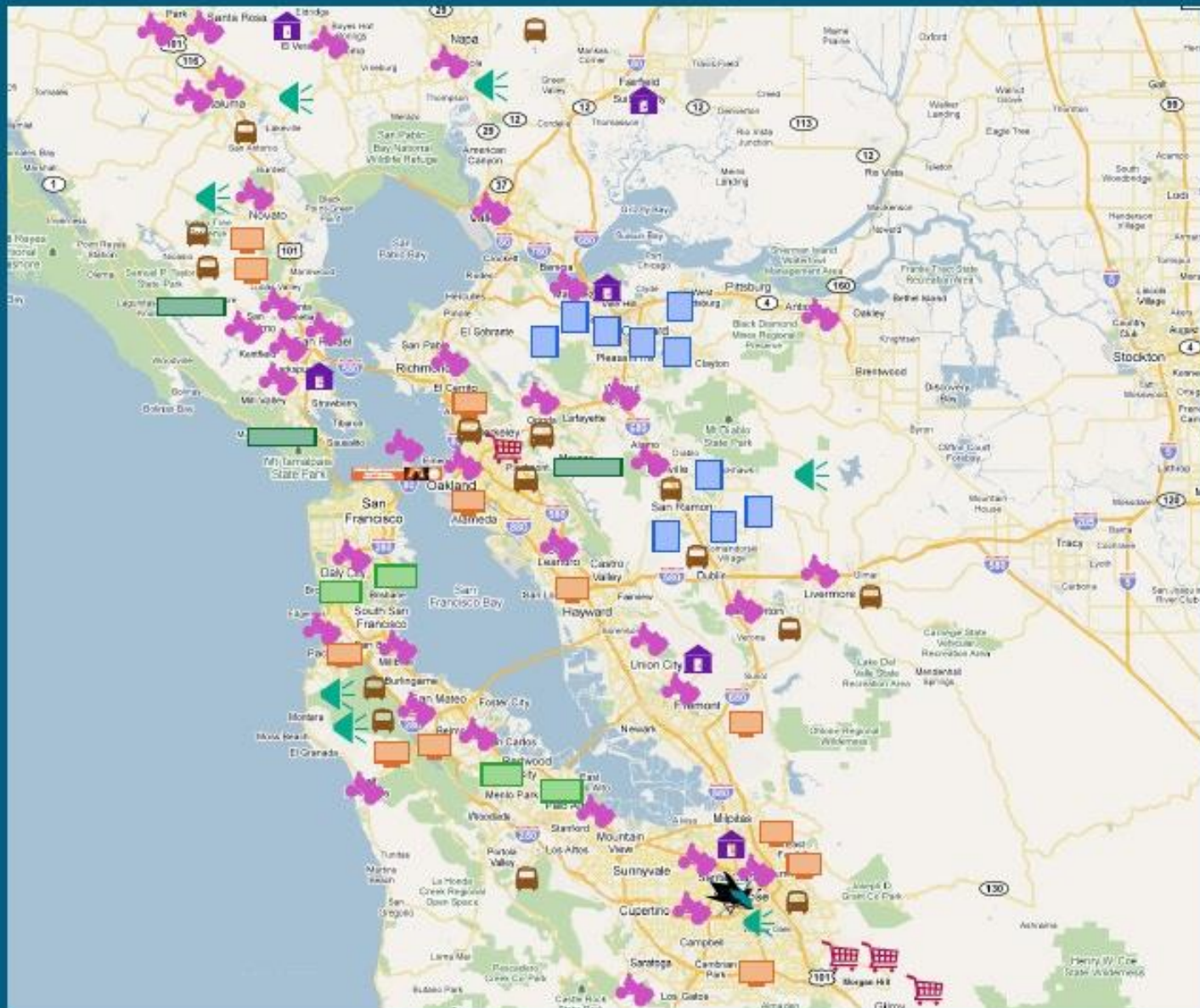
TARGETED

-  TREASURE ISLAND BANNER
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-  GROCERY STORES
-  OUTDOOR BANNERS
-  SAN JOSE SHARKS



BUS ROUTES

- GOLDEN GATE TRANSIT
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- AC TRANSIT
- EAST BAY



Media Coverage

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首頁 > 舊金山
 專家教你環保包裝物
 記者關文傑 / 舊金山報導
 December 11, 2015, 6:00 am 599 次



羅嘉利展示全部採用回收材料的禮品包裝。(記者關文傑 / 攝影)

聖誕節將至，用心挑選的聖誕禮物還需要精美的包裝。環保專家提醒，聖誕前後垃圾量大增，每年加州人丟棄的包裝彩帶就達3萬8000噸。應多利用回收材料包裝減少浪費，或者考慮現金禮券當禮物，不用花時間選購及包裝。節日過後還有不少人應付包裝紙，違反了加州2008年開始實施的法律。

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Saturday is season's first Spare the Air day

January 01, 2016 2:22 pm - Register staff

The Bay Area Air Quality Management District issued the season's first winter Spare the Air alert for Saturday. The alert bans burning wood, manufactured fire logs or any other solid fuel, both indoors and outdoors for 24 hours.

Light winds are expected to contribute to unhealthy air quality in the Bay Area, especially in the Santa Clara Valley.

"Air pollution from wood smoke is one of the greatest health threats to Bay Area residents during the winter months," said Jack Broadbent, executive officer of the air district. "Just one burning fireplace can create unhealthy air for an entire neighborhood. It is important that the public refrain from burning, especially during these weather conditions that allow wood smoke to build up."



Enlarge Photo

It is illegal for Bay Area residents and businesses to use their fireplaces, wood stoves, pellet stoves, outdoor fire pits or any other wood-burning devices during a winter Spare the Air alert.

First Spare the Air alert of season set for Saturday - SFGate

2/23/16, 11:30 AM

SFGATE <http://www.sfgate.com/bayarea/article/Season-s-first-Spare-the-Air-alert-set-for-6731964.php>

First Spare the Air alert of season set for Saturday

By Jill Tucker Updated 4:03 pm, Friday, January 1, 2016

It will be cold Saturday, with temperatures hovering around 50, but forget sitting in front of the fireplace.

The Bay Area Air Quality Management District has declared the first Spare the Air day of the season, meaning no wood burning inside or outdoors for at least 24 hours, from midnight Saturday to midnight Sunday.

First offenders found using their fireplace, wood or pellet stove, outdoor fire pit or other wood-burning device could face a \$100 ticket or the option of taking a wood-smoke-awareness class. Repeat offenders face even steeper fines.

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Air quality district issues Spare the Air alert for Saturday

Bay Area Air Quality Management District today issued a Spare the Air Alert for the entire Bay Area for Saturday.

Burning wood or any other solid fuel, such as manufactured fire logs, is prohibited for 24 hours both indoors and outdoors, air district officials said.

Air pollution from wood smoke is one of the greatest health threats to Bay Area residents during the winter months," BAAQMD Executive Officer Jack Broadbent said in a statement. "Just one burning fireplace can create unhealthy air for an entire neighborhood."

Fireplaces, wood stoves, pellet stoves, outdoor fire pits or any other device that burns wood is illegal during a Spare the Air Alert, air district officials said.

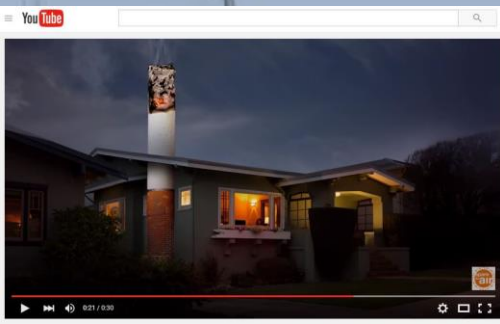
First-time violators will be fined \$100 or they must take a wood smoke awareness class. A second violation results in a \$500 fine and the fines for subsequent violations are more.

Fireplaces with wood stoves or fireplaces as the only source of heat are exempt until Nov. 1 when the wood-burning device must be Environmental Protection Agency certified and registered with the air district, according to air district officials.

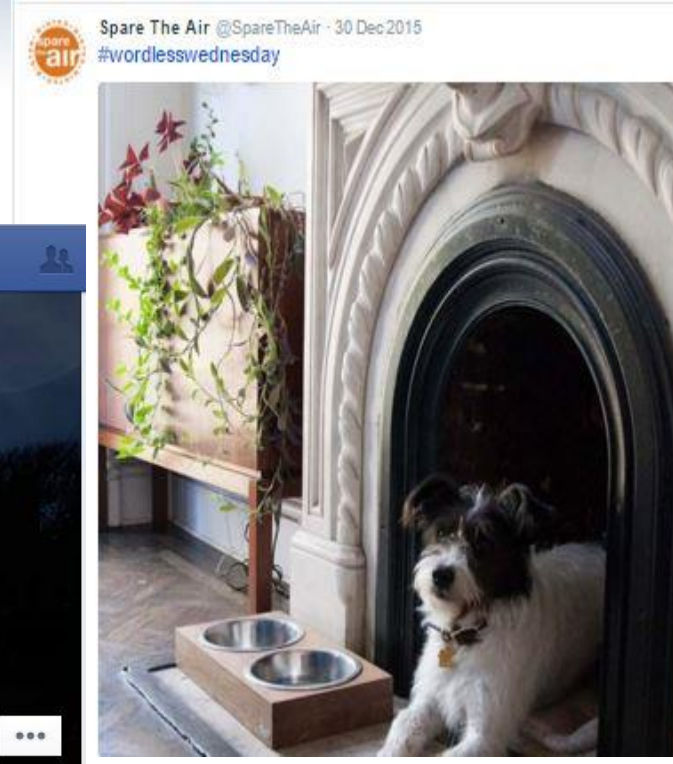
Residents must check for Spare the Air Alerts before burning at [www.baaqmd.gov baagmd.gov or www.sparetheair.org spare.theair.org or at 877-4-NO-BURN. Residents can also check by signing up for Spare the Air Alerts at [www.sparetheair.org sparetheair.org or for phone alerts at 800-430-1515.

Residents can also check on apps for iPhone and Android phones.





Social Media



Spare the Air, Bay Area

Has your home taken up smoking this winter?
Breathing wood smoke is unhealthy.



Spare the Air, Bay Area
Government Organization

Sign Up Liked Message

Spare The Air

© San Francisco Bay Area, CA. www.sparetheair.org

The Spare the Air program encourages Bay Area residents to reduce air pollution by driving less, carpooling, taking transit, and walking and biking.

12 Posts 649 Pins 27 Likes 214 Followers 169 Following

Just for Fun

Commute Alternatives

Pollution stinks!

Air Quality History

Smart Driving and Commute...

San Francisco Bay Area Bic...



sparetheair

16 likes 8w

sparetheair Lighting a fire in the fireplace pollutes the air in your house and your neighborhood. Rethink your wood fire this winter. For more information visit SpareTheAir.org

Results

- **23% of Bay Area households** reduced their wood burning
- **69%** said there are **negative health effects** associated with wood smoke
- **51% heard, read or saw media stories** about the Winter Spare the Air program this winter
- Support for the Wood Burning Rule **remains strong** and consistent over the past three seasons **at 72%**

Results

- **93,817 calls** to 1-877-4NO-BURN
- **108,314 subscribers** to email AirAlerts
- **20,000 subscribers** to phone alerts
- **28,262 app downloads**
- **Added 4,000 Facebook & Twitter Likes/Followers**

Wood Smoke Enforcement

	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
WSTA Alerts	11	7	4	15	10	30	23	1
PM_{2.5} Excesses	13	9	1	11	1	15	6	0
Complaints	1,500	2,355	1,373	3,777	2,316	5,091	3,834	1,302
Info Packets	1,550	10,270	592	11,476	3,720	1,768	2,029	577
Violations	255	319	61	359	178	267	155	1
Exemptions	0	44	49	76	91	150	193 + 23 Seasonal	215 + 1 Seasonal

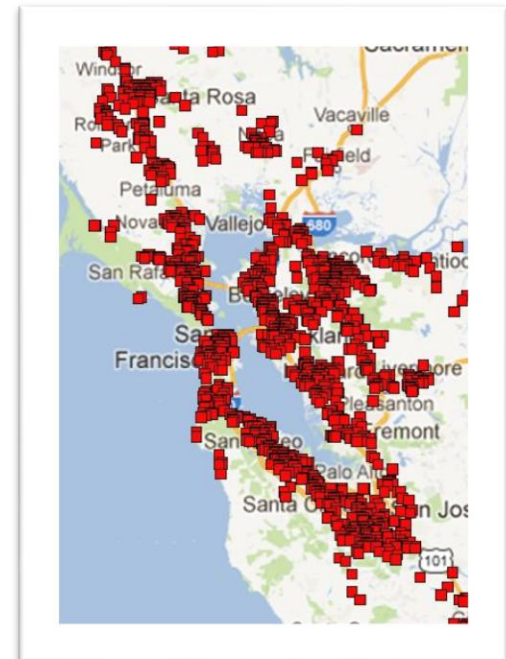
Enforcement Highlights

- **Violations: 1**
 - 1 – Exemption granted for a broken heater
 - 216 Total Exemptions – 215 permanent, 1 non-functional heater
- **Complaints: 1,302**
 - 46 addresses with 5 or more complaints
 - 7 addresses with 20 or more complaints
 - 1 address with 50 or more complaints
 - Over 83 complaints by 1 person



Enforcement Practices

- Complaint information is used to determine patrols and to concentrate enforcement on locations with multiple complaints
- Patrol deployment varied throughout the season
- Violations are documented and issued when discovered



Regulation 6, Rule 3 Rule Changes

- Sole Source of Heat Exemption
- Mandatory Burn Ban
- Sale and Manufacturing of New Wood Heaters
- Real Estate Requirements
- Registration Nov 1, 2016



Wood Smoke Reduction Program

- Wood-burning devices rule - Regulation 6 Rule 3
- Meteorology forecasting of Spare the Air Alerts
- Enforcement program
- Outreach and education program
- Heating Device Upgrade Incentive Program