

Air Quality Rulemaking Docket No. 58-0101-0601

May 18, 2016



History

- CRB Program was approved in 2008
- Requirement
 - Burning can not be approved if air quality is exceeding, or is expected to exceed, 75% of any NAAQS and these levels are projected to continue or recur over at least the next 24 hours.
- Included in:
 - Statute – 39-114
 - Idaho Air Quality Rules – 58.01.01.621
 - State Implementation Plan

New Ozone NAAQS

- 2008 Ozone NAAQS still applicable until 2015 NAAQS is incorporated into Idaho's Rules – Spring 2017
 - 2008 NAAQS = 75 ppb
 - 75% of the NAAQS = 56 ppb
- Revised October 1, 2015
 - 70 ppb
 - 75% of the NAAQS = 52 ppb

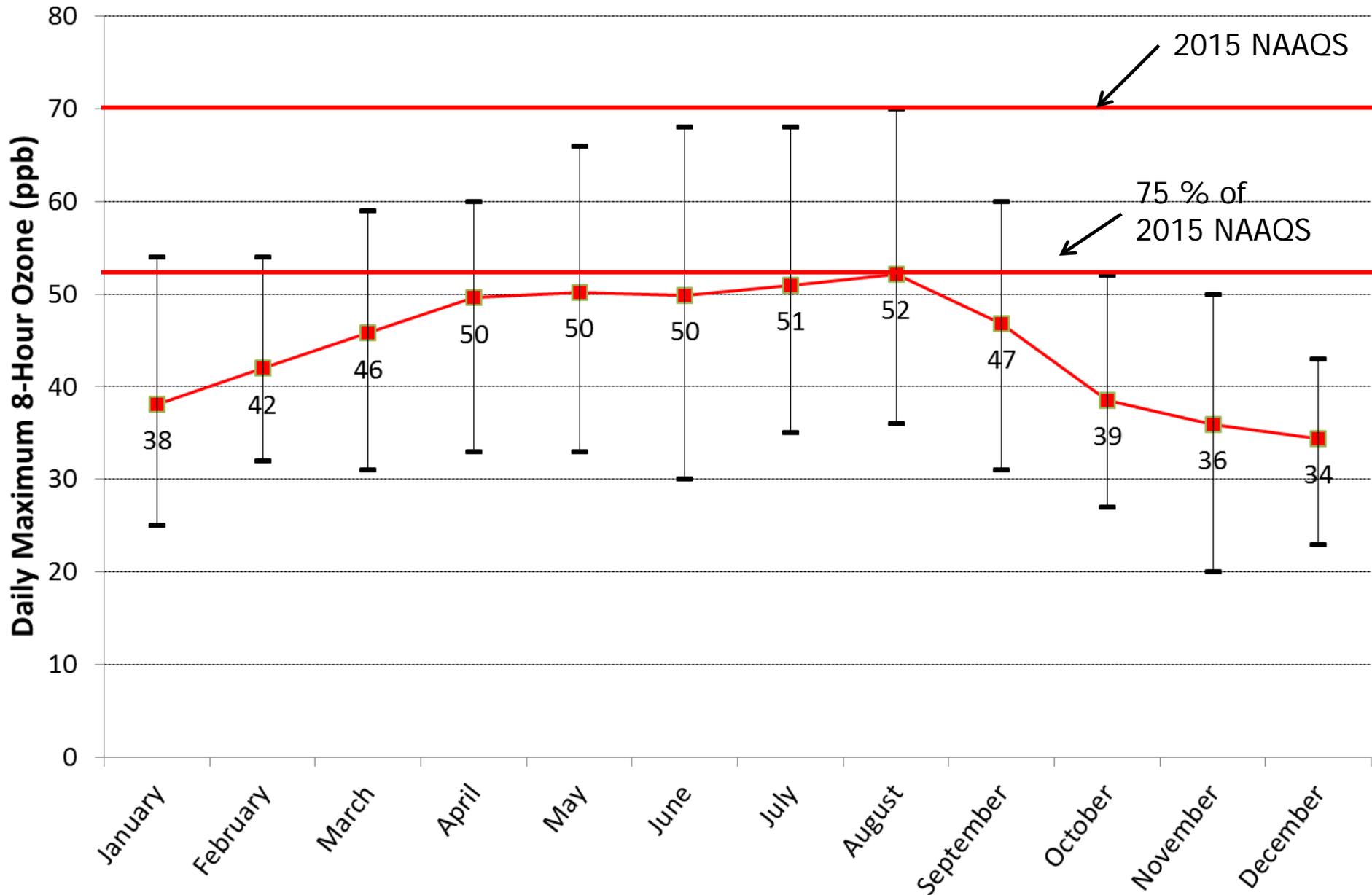
Current NAAQS and CRB Triggers

Pollutant	NAAQS	75% of the NAAQS
PM _{2.5}	35 µg/m ³	26 µg/m ³
Ozone	70 ppb	52 ppb

Monitoring Data Summary

PM_{2.5} and Ozone

Craters of the Moon NM 8-hr Maximum Daily Ozone Average, Minimum, and Maximum by Month for 2011 - 2015



Impact on Number of Burn Days Ozone

Year	Average # of days greater than or equal to	
	52 ppb (75% of NAAQS)	63 ppb (90% of NAAQS)
North Idaho (Kootenai)		
2011	23	0
2012	46	6
2013	36	3
2014	22	2
2015	49	8
South Idaho (average of 5 locations)		
2011	82	7
2012	110	15
2013	70	7
2014	56	3
2015	52	3

Craters of the Moon – Ozone (2011 – 2015)

Percent of days greater than or equal to (burning would NOT be allowed)

Month	75% of NAAQS (52 ppb)	90% of NAAQS (63 ppb)
January	1%	0%
February	4%	0%
March	16%	0%
April	37%	0%
May	44%	3%
June	44%	3%
July	38%	3%
August	57%	4%
September	19%	0%
October	1%	0%
November	0%	0%
December	0%	0%
Annually	22%	1%

Typical low wildfire year (2011)

(March – October)

PM2.5

Monitor	# of days greater than or equal to	
	75% of NAAQS (26 $\mu\text{g}/\text{m}^3$)	65% of NAAQS (22 $\mu\text{g}/\text{m}^3$)
North Idaho		
Genesee	0	0
Grangeville	0	0
Kendrick	1	1
Lewiston	0	0
Moscow	0	0
Potlatch	1	1
South Idaho		
Franklin	1	2
Idaho Falls	0	1
Pocatello	1	1
Treasure Valley	9	19

Heavy wildfire year (2012)

(March – October)

PM2.5

Monitor	# of days greater than or equal to	
	75% of NAAQS (26 $\mu\text{g}/\text{m}^3$)	65% of NAAQS (22 $\mu\text{g}/\text{m}^3$)
South Idaho		
Franklin	9	13
Idaho Falls	7	10
Ketchum	17	18
Paul	4	7
Pocatello	8	11
Rexburg	7	11
Soda Springs	4	7
Treasure Valley	18	22
Twin Falls	5	7
Weiser	4	5

Heavy wildfire year (2015) (March – October) PM2.5

Monitor	# of days greater than or equal to	
	75% of NAAQS (26 $\mu\text{g}/\text{m}^3$)	65% of NAAQS (22 $\mu\text{g}/\text{m}^3$)
North Idaho		
Bonnars Ferry KTOI	10	14
Coeur d'Alene	15	18
Copeland	8	11
Cottonwood	12	16
Grangeville	12	15
Lewiston	15	16
Moscow	11	13
Porthill	7	10
Potlatch	7	9