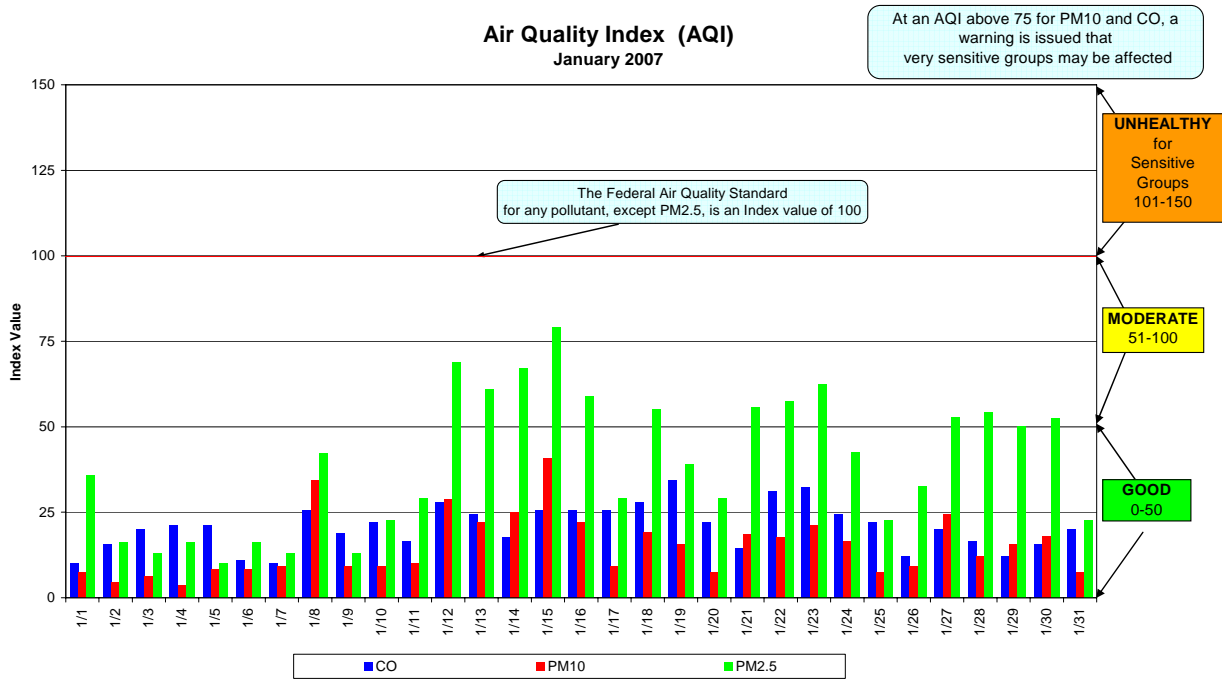


Air Quality Report January 2007

The chart below shows the maximum Air Quality Index (AQI) for the period January 1 through January 31, 2007. Carbon Monoxide (CO), particulate matter (PM₁₀ and PM_{2.5}), and ozone (O₃) are the criteria air pollutants defined by the United States EPA that are monitored in the Spokane area and for which AQI values are calculated. The AQI information is updated hourly on the Department of Ecology and SCAPCA web page (http://www.scapca.org/air_quality.asp). There were no measured exceedances of federal air quality standards in January. Ozone monitoring will resume May 1, 2007.



The following tables contain the maximum AQI values for each pollutant for December and for the year to date. A table summarizing the year to date daily AQIs by category follows on the next page.

Maximum for this reporting period

Pollutant	AQI/Concentration	Location	Date
CO	34/3.1 ppm	3 rd & Washington	1/19/07
PM ₁₀	44/41 µg/m ³	Freya & Ferry	1/15/07
PM _{2.5}	79/30 µg/m ³	Freya & Ferry	1/15/07

Maximum for the current year

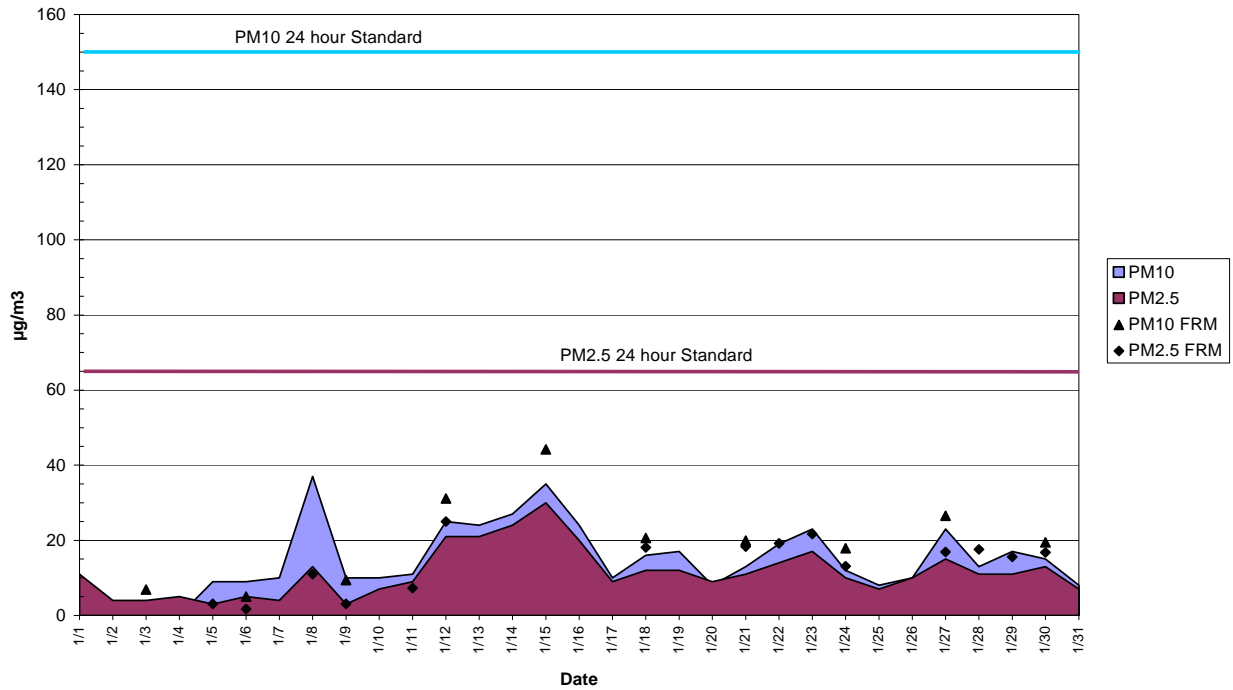
Pollutant	AQI/Concentration	Location	Date
CO	34/3.1 ppm	3 rd & Washington	1/19/07
PM ₁₀	44/41 µg/m ³	Freya & Ferry	1/15/07
PM _{2.5}	79/30 µg/m ³	Freya & Ferry	1/15/07
O ₃	No Data		

AQI Summary as of January 31, 2007

Category	Number of Days This Year	Last Year to Date
Good (0-50)	18	30
Moderate (51-100)	13	1
Unhealthy for Sensitive Groups (101-150)	0	0
Unhealthy (151-200)	0	0
Very Unhealthy (201-300)	0	0
Hazardous (>300)	0	0

The next chart is a comparison between the concentrations of PM₁₀ and PM_{2.5} measured at the Freya & Ferry monitoring site. The site is located in a commercial, light industrial area on the east edge of the City of Spokane. Data on the chart are shown with the result of continuous monitors in solid colors and the Federal Reference Method (FRM) filter-based samplers as points. The correlation (r^2) between the continuous monitor and FRM data is 0.97 for PM₁₀ and 0.91 for PM_{2.5} for January. All PM₁₀ and PM_{2.5} mass concentration data are 24 hour averages.

**Freya & Ferry Particulate Matter Data
24hr Average Daily Maximum**



Summary of Spokane County Air Monitoring Data

Date	CO 3rd & Washington	PM10 Freya & Ferry TEOM	PM10 Freya & Ferry FRM	PM2.5 Freya & Ferry TEOM	PM2.5 Freya & Ferry FRM	PM10 Monroe & College TEOM	PM10 Monroe & College FRM	PM2.5 Monroe & College TEOM	PM2.5 Monroe & College FRM	PM10 Turnbull Wildlife Refuge	PM10 Garland & Market	PM10 Liberty Lake	PM2.5 Liberty Lake		
1/1/2007	0.9			11		7		10							
1/2/2007	1.4			4		5		5							
1/3/2007	1.8		7	4		3		2							
1/4/2007	1.9			5		4		3							
1/5/2007	1.9	9		3	3.1	3		3							
1/6/2007	1	9	5	5	1.7	5	4	5	1.4	3	0.7	4	6	4	1.4
1/7/2007	0.9	10		4		6		4							
1/8/2007	2.3	37		13	11.0	13		7							
1/9/2007	1.7	10	9	3	3.1	4		4							
1/10/2007	2	10		7		6		4							
1/11/2007	1.5	11		9	7.3	7		7							
1/12/2007	2.5	25	31	21	25.0	12	21	12	14.0	8	3.8		16	5	11.3
1/13/2007	2.2	24		21		14		17							
1/14/2007	1.6	27		24		10		12							
1/15/2007	2.3	35	44	30		13		16							
1/16/2007	2.3	24		20		13		15							
1/17/2007	2.3	10		9		6		8							
1/18/2007	2.5	16	21	12	18.1	7	19	11	14.3	7	4.3	20	13	3	9.0
1/19/2007	3.1	17		12		10		11							
1/20/2007	2	8		9		5		7							
1/21/2007	1.3	13	20	11	18.3	6		9							
1/22/2007	2.8	19		14	19.2	8		10							
1/23/2007	2.9	23		17	21.7	11		13							
1/24/2007	2.2	12	18	10	13.1	6	13	7	8.9	9	5.6	17	10	3	7.5
1/25/2007	2	8		7		5		7							
1/26/2007	1.1	10		10		5		7							
1/27/2007	1.8	23	27	15	16.9	6		8							
1/28/2007	1.5	13		11	17.6	5		8							
1/29/2007	1.1	17		11	15.6	7		9							
1/30/2007	1.4	15	19	13	16.8	6	15	9	11.8	13	10.4	15	10	3	6.9
1/31/2007	1.8	8		7		3		5							

Carbon monoxide (CO) is given in parts per million (ppm), Particulate Matter (PM₁₀ & PM_{2.5}) is in micrograms per cubic meter of air (µg/m³).