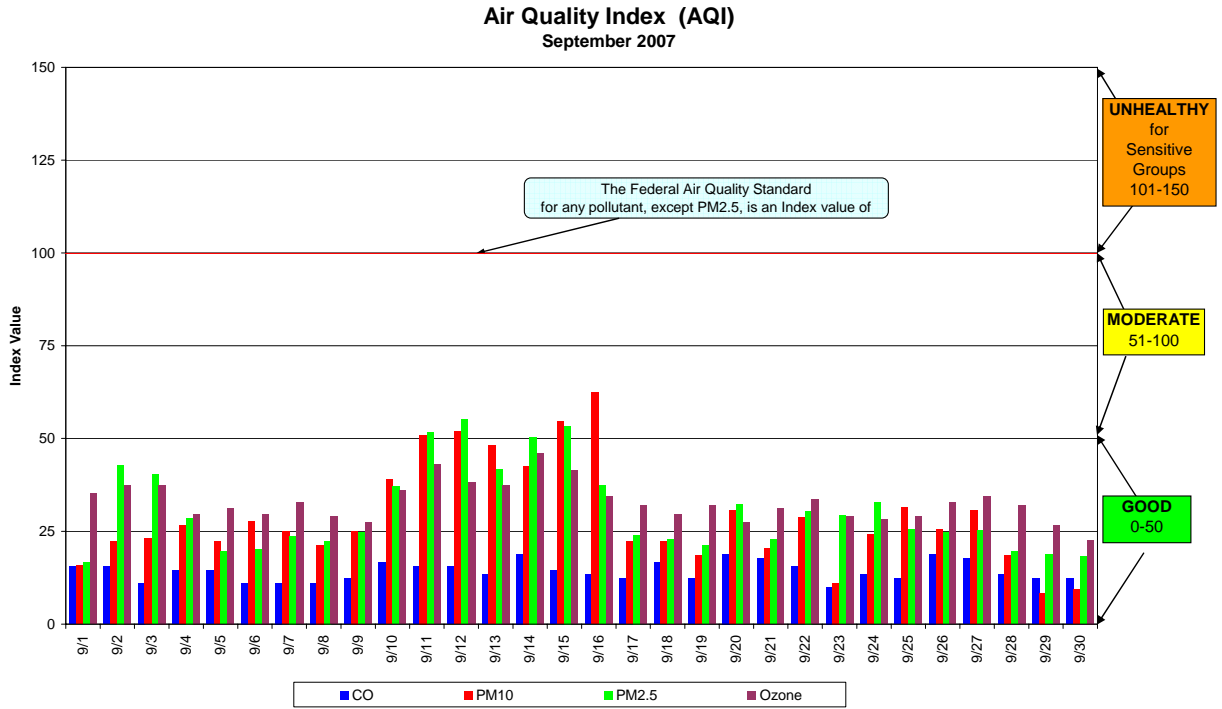


Air Quality Report September 2007

The chart below shows the daily maximum Air Quality Index (AQI) for September 2007. Carbon Monoxide (CO), particulate matter (PM₁₀ and PM_{2.5}), and ozone (O₃) are the criteria air pollutants defined by the US EPA that are monitored in the Spokane area. Air quality information is updated hourly on the Spokane Regional Clean Air Agency (SRCAA) web page (http://www.spokanecleanair.org/air_quality.asp). There were no measured exceedances of federal air quality standards in September.



The following tables contain the maximum AQI values for each pollutant for September 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	19/1.7 ppm	3 rd & Washington	9/14, 9/20 and 9/26/07
PM ₁₀	63/79 µg/m ³	Freya & Ferry	9/16/07
PM _{2.5}	55/18.1 µg/m ³	Freya & Ferry	9/12/07
O ₃	46/0.059 ppm	Turnbull	9/14/07

Maximum for the current year

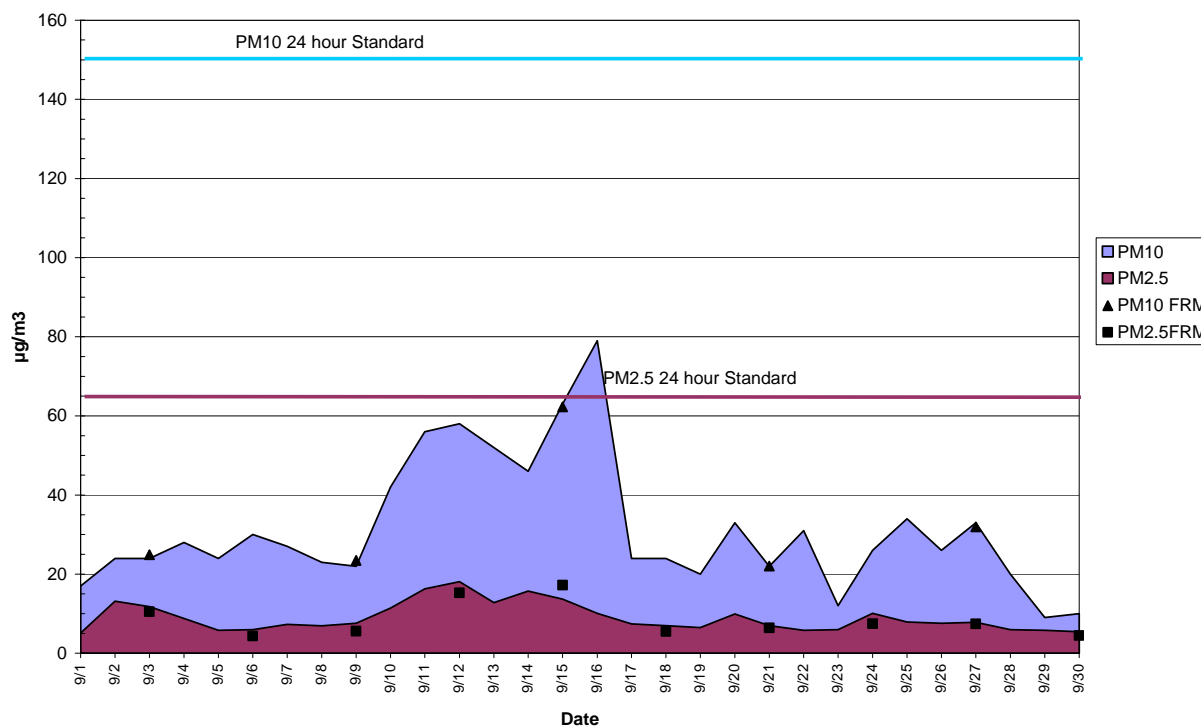
Pollutant	AQI/Concentration	Location	Date
CO	34/3.1 ppm	3 rd & Washington	1/19/07
PM ₁₀	68/89 µg/m ³	Freya & Ferry	7/13/07
PM _{2.5}	79/30 µg/m ³	Freya & Ferry	1/15/07
O ₃	70/0.073 ppm	Greenbluff	6/1/07

AQI Summary as of September 30, 2007

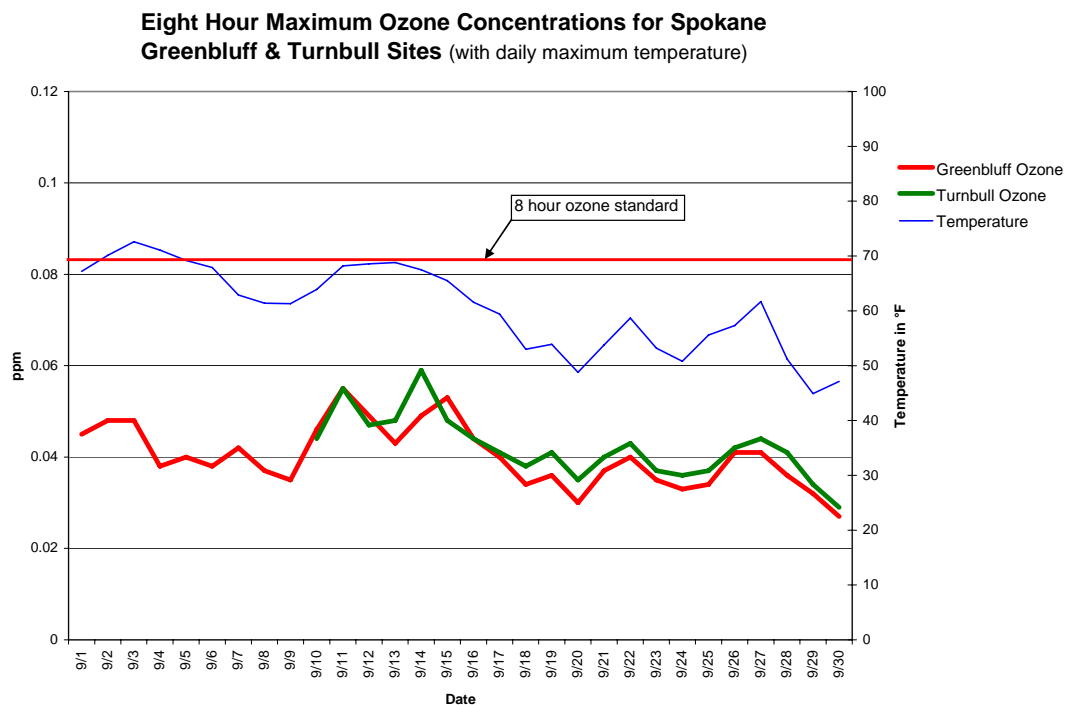
Category	Number of Days This Year	Last Year to Date
Good (0-50)	236	229
Moderate (51-100)	37	44
Unhealthy for Sensitive Groups (101-150)	0	0
Unhealthy (151-200)	0	0
Very Unhealthy (201-300)	0	0
Hazardous (>300)	0	0

The next chart compares the mass 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 eastern side of the City of Spokane. The data shown in solid colors were obtained using Tapered Element Oscillating Microbalance (TEOM) continuous analyzers. The TEOM is an automated method and provides “real time” data, which SRCAA uses in its day-to-day programs, e.g., air quality forecasting and burning curtailment. The manually-operated Federal Reference Method (FRM) is the “gold-standard” for measurement of the 24-hour average particulate matter concentration and meets the requirements for demonstrating attainment of federal air quality standards. The accuracy of the TEOM sample data can be verified by comparison with co-located FRM data. The correlation (r^2) between the TEOM and FRM data for September was 1.00 for PM₁₀ and 0.92 for PM_{2.5}.

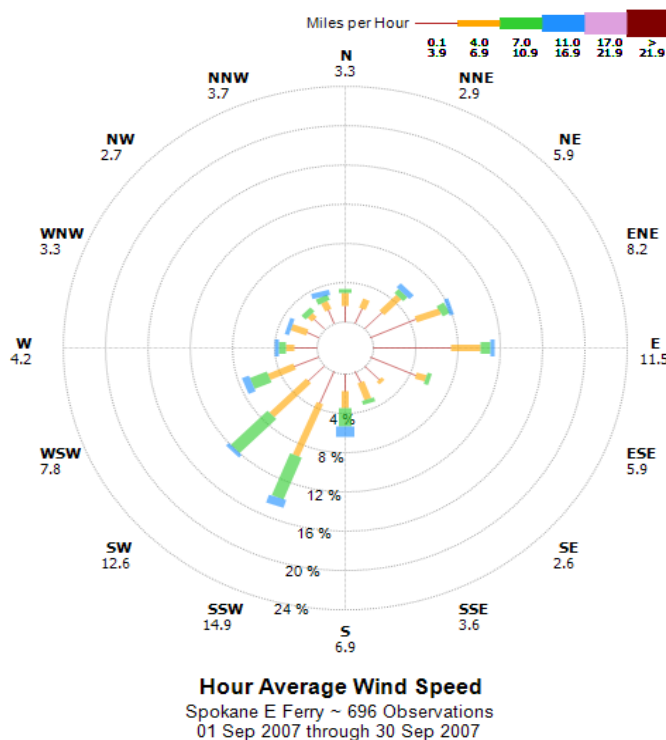
**Freya & Ferry Particulate Matter Data
24hr Average Daily Maximum**



The chart below shows the ozone data for September measured at Greenbluff in the foothills of Mt. Spokane and Turnbull Wildlife Refuge southwest of the metropolitan area. The ozone data are plotted with the daily maximum temperature data from the Freya & Ferry site. Temperature is a good surrogate for sunlight in the photochemical reaction that forms ozone. Ozone is monitored May 1 through September 30.



The wind rose below summarizes hourly average wind speeds (mph) and directions (degrees) measured at the Freya and Ferry Site in May. The predominant wind direction for higher wind speeds was southwest. Easterly winds predominated at lower speeds (< 4 mph).



The table below summarizes the air quality data for September from all of the analyzers operated in Spokane County. The CO and ozone data are 8-hour maximums in parts per million (ppm) and the PM data are 24-hour averages in micrograms per cubic meter of air ($\mu\text{g}/\text{m}^3$).

Date	CO 3rd & Washington (ppm)	PM ₁₀ Freya & Ferry TEOM ($\mu\text{g}/\text{m}^3$)	PM ₁₀ Freya & Ferry FRM ($\mu\text{g}/\text{m}^3$)	PM _{2.5} Freya & Ferry TEOM ($\mu\text{g}/\text{m}^3$)	PM _{2.5} Freya & Ferry FRM ($\mu\text{g}/\text{m}^3$)	PM ₁₀ Monroe & College TEOM ($\mu\text{g}/\text{m}^3$)	PM ₁₀ Monroe & College FRM ($\mu\text{g}/\text{m}^3$)	PM _{2.5} Monroe & College TEOM ($\mu\text{g}/\text{m}^3$)	PM _{2.5} Monroe & College FRM ($\mu\text{g}/\text{m}^3$)	PM ₁₀ Turnbull Wildlife Refuge FRM ($\mu\text{g}/\text{m}^3$)	PM _{2.5} Turnbull Wildlife Refuge ($\mu\text{g}/\text{m}^3$)	PM ₁₀ Garland & Market ($\mu\text{g}/\text{m}^3$)	PM ₁₀ Liberty Lake ($\mu\text{g}/\text{m}^3$)	PM _{10-2.5} Liberty Lake ($\mu\text{g}/\text{m}^3$)	PM _{2.5} Liberty Lake ($\mu\text{g}/\text{m}^3$)	Ozone Greenbluff (ppm)	Ozone Cheney-Turnbull WR (ppm)
9/1/2007	1.4	17		5.1		13		5								0.045	
9/2/2007	1.4	24		13		22		13								0.048	
9/3/2007	1	24	25	12	10.5	21	22	12	9.1	15	7	25	25	7.9	8.8	0.048	
9/4/2007	1.3	28		8.8		29		8.7								0.038	
9/5/2007	1.3	24		5.8		20		6								0.04	
9/6/2007	1	30		6	4.4	24		6.2								0.038	
9/7/2007	1	27		7.3		19		5.6								0.042	
9/8/2007	1	23		6.9		16		5.3								0.037	
9/9/2007	1.1	22	23	7.6	5.6	27	27	7.6	6.0	16	4	17	17	7.7	3.7	0.035	
9/10/2007	1.5	42		11		37		9.6								0.046	0.044
9/11/2007	1.4	56		16		47		15								0.055	0.055
9/12/2007	1.4	58		18	15.3	47		17								0.049	0.047
9/13/2007	1.2	52		13		36		11								0.043	0.048
9/14/2007	1.7	46		16		39		15								0.049	0.059
9/15/2007	1.3	63	62	14	17.2	40	41	17	14.3	31	12	46	46	20.9	13.8	0.053	0.048
9/16/2007	1.2	79		10		74		12								0.044	0.044
9/17/2007	1.1	24		7.4		19		5.4								0.04	0.041
9/18/2007	1.5	24		7	5.5	18		6.2								0.034	0.038
9/19/2007	1.1	20		6.5		15		5.4								0.036	0.041
9/20/2007	1.7	33		9.9		21		7.6								0.03	0.035
9/21/2007	1.6	22	22	7	6.4	16	19	6	5.4	15	3	18	18	11.6	3.9	0.037	0.04
9/22/2007	1.4	31		5.8		22		9.4								0.04	0.043
9/23/2007	0.9	12		6		10		9								0.035	0.037
9/24/2007	1.2	26		10	7.5	16		7.2								0.033	0.036
9/25/2007	1.1	34		7.9		30		7.1								0.034	0.037
9/26/2007	1.7	26		7.6		28		6.7								0.041	0.042
9/27/2007	1.6	33	32	7.8	7.4	32	31	6.5	6.4	22	5	36	36	16.4	5.1	0.041	0.044
9/28/2007	1.2	20		6		16		5.7								0.036	0.041
9/29/2007	1.1	9		5.8		7		4.6								0.032	0.034
9/30/2007	1.1	10		5.4	4.5	8		5.6								0.027	0.029