

MONTHLY AIR QUALITY REPORT FOR FEBRUARY 2004

AOI COLOR SCALE

GOOD	MODERATE	UNHEALTHY FOR SENSITIVE GROUPS	UNHEALTHY
0-50	51-100	101-150	151-200

Calendar of maximum AQI values & their corresponding color for February 2004*

*Preliminary data

SAMPLE POLLUTANT REPORTING BOX

1 (day of month)	O3	CO
	PM10	PM2.5

	SUN			MON			TUES			WED			THU			FRI			SAT	
1	33	22	2	33	28	3	30	28	4	27	17	5	31	19	6	34	28	7	35	32
	24	27		44	38		29	25		29	22		28	22		34	39		35	42
8	32	22	9	33	34	10	34	36	11	32	23	12	38	25	13	38	25	14	30	39
	27	31		38	46		45	31		39	30		38	31		43	31		48	51
15	37	41	16	34	30	17	38	31	18	34	35	19	38	20	20	35	18	21	36	20
	49	69		48	70		53	60		70	60		68	53		42	54		38	49
22	33	11	23	34	22	24	35	17	25	39	20	26	37	20	27	33	16	28	37	15
	20	39		07	15		19	n/a		19	n/a		35	n/a		31	45		31	37
29	37	22																		
	20	36																		

Exceedance days during FEB 2004-

Total= 0 Date Max AQI Pollutant Site/s

Health Watches issued during FEB 2004-

Total= 0 Date Max AQI Pollutant Site/s

High Pollution Advisories issued during FEB 2004-

Total= 0 Date Max AQI Pollutant Site/s

<u>Concentration Recap:</u>	Days in the Good category:	22
	Days in the Moderate category:	7
	Days in the Unhealthy for Sensitive Groups category:	0
	Days in the Unhealthy category:	0
	Total Forecast Days:	29

Narrative: Very little in the way of air pollution occurred during February 2004 as is illustrated by the graphs below. Maximum concentrations of both carbon monoxide and ozone stayed in the good range (AQI <51) the entire month. A single episode of elevated coarse particulate matter (PM-10) occurred from the 17th thru the 19th, caused in large part by a dry frontal passage the night of the 18th that caused strong winds and blowing dust. Around the middle part of the month a period of stagnant weather occurred as a ridge aloft moved overhead. Mostly light winds and warming aloft were the result and a rather intrusive brown cloud was over the valley during this time. This was reflected by elevated fine particulate matter (PM-2.5) concentrations. -Reith



