

## ANALYSIS OF OZONE EXCEEDANCES DURING 2005

During 2005 Grass Valley experienced 15 days where ozone values exceeded the CAAQS 1-hour standard and 20 days where ozone values exceeded the NAAQS 8-hour standard. Overall, air quality in western Nevada County was much like in previous years, with only 5.1% of the total sample days being in the Unhealthy for Sensitive Individuals range and a heartening 75.8% of the total sample days being in the Good range.

### AIR QUALITY INDEX VALUES FOR GRASS VALLEY, 2005

#### HOURS

Total hours in a 2005: 8760

	GOOD	MODERATE	Unhealthy for Sensitive Individuals	UNHEALTHY	VERY UNHEALTHY	HOURS SAMPLED
JAN	599	0	0	0	0	599
FEB	594	0	0	0	0	594
MAR	744	0	0	0	0	744
APR	716	4	0	0	0	720
MAY	704	29	11	0	0	744
JUN	642	78	0	0	0	720
JUL	327	319	82	16	0	744
AUG	359	356	29	0	0	744
SEP	542	166	12	0	0	720
OCT	699	45	0	0	0	744
NOV	679	0	0	0	0	679
DEC	744	0	0	0	0	744
Total Sample Hours:	7349	997	134	16	0	8496
% of hours sampled:	86.5%	11.7%	1.6%	0.2%	0.0%	97.0%

### AIR QUALITY INDEX VALUES FOR GRASS VALLEY, 2005

#### DAYS

Total days in a 2005: 365

	GOOD	MODERATE	Unhealthy for Sensitive Individuals	UNHEALTHY	VERY UNHEALTHY	DAYS SAMPLED
JAN	26	0	0	0	0	26
FEB	25	0	0	0	0	25
MAR	31	0	0	0	0	31
APR	29	1	0	0	0	30
MAY	27	2	2	0	0	31
JUN	20	10	0	0	0	30
JUL	5	15	9	2	0	31
AUG	6	21	4	0	0	31
SEP	16	11	3	0	0	30
OCT	25	6	0	0	0	31
NOV	29	0	0	0	0	29
DEC	31	0	0	0	0	31
Total Sample Days:	270	66	18	2	0	356
% of days sampled:	75.8%	18.5%	5.1%	0.6%	0.0%	97.5%

The NSAQMD believes all of the Grass Valley ozone exceedances were due to transport from the Broader Sacramento Area (BSA) and the San Francisco Bay area. Undoubtedly there was some local contribution involved with those exceedances, but based on the NSAQMD emissions inventory, that contribution was less than significant. In the absence of transport, it is unlikely that the Grass Valley area would ever experience an exceedance of the CAAQS 1-hour standard or the NAAQS 8-hour standard.

In 2003 the District fought a protracted battle with the EPA to get them to recognize western Nevada county as a non-attainment area separate from the Sacramento region. EPA's ultimate recognition of western Nevada county's non-attainment status due to overwhelming transport was a major victory for the NSAQMD and local businesses. This finding was made in accordance with CARB's own recommendations and major input from myriad counties and agencies.