Office Building

1.00 acre
10,000 sq ft building with open parking
50 people per building
1 car per person
50 cars per complex
1 round trips per car per day
50 x 10 mile round trips per day
500 VMT per day
182,500 VMT per year
2,200 therms natural gas use per year
225,000 KWhr electric use per year

POLLTNT	VMT	GAS	ELECT	FUGITIVI	TOTAL
CO	1.85E-01	5.43E-02	4.71E-02	0.00E+00	2.87E-01
CO2	3.92E+01	1.63E+02	1.16E+02	0.00E+00	3.18E+02
NO x	2.62E-01	1.28E-01	4.71E-01	0.00E+00	8.60E-01
SO2	0.00E+00	8.15E-04	6.45E-02	0.00E+00	6.53E-02
VOC	2.41E-01	7.47E-03	1.34E-03	0.00E+00	2.50E-01
PM-10	2.82E-01	1.03E-02	9.54E-02	6.08E-02	4.48E-01
PM-2.5	6.04E-02	1.03E-02	4.29E-02	2.43E-02	1.38E-01

T/acre-yr

Electricity Use Emission Factors

CO	2,174 T/yr	2.09E-07 T/KWhr
CO2	5,343,704 T/yr	5.15E-04 T/KWhr
NO x	21,740 T/yr	2.09E-06 T/KWhr
SO2	2,977 T/yr	2.87E-07 T/KWhr
VOC	62 T/yr	5.97E-09 T/KWhr
PM-10	4,401 T/yr	4.24E-07 T/KWhr
PM-2.5	1,980 T/yr	1.91E-07 T/KWhr

Source: Clean Air Task Force; "Children at Risk State Fact Sheets"; 5/2002
Note: CO assumed to be 1/10 times NO x
Note: Reid Gardner Power Plant; 1,185 MW-yr capacity

conversion	1.14E-04 yr/hr
conversion	1.00E-03 MW/KW

Convenience Store

0.50 acre
5,000 sq ft building with open parking
5 employees per building
700 customers per day
1 car per person
705 cars per day
1 round trips per car per day
705 x 10 mile round trips per day
7,050 VMT per day
2,573,250 VMT per year
1,200 therms natural gas use per year

POLLTNT	VMT	GAS	ELECT	FUGITIVI	TOTAL
CO	2.61E+00	2.96E-02	6.28E-02	0.00E+00	5.40E+00
CO2	5.53E+02	8.89E+01	1.54E+02	0.00E+00	1.59E+03
NO x	3.69E+00	6.96E-02	6.28E-01	0.00E+00	8.77E+00
SO2	0.00E+00	4.44E-04	8.60E-02	0.00E+00	1.73E-01
VOC	3.40E+00	4.07E-03	1.79E-03	0.00E+00	6.82E+00
PM-10	3.97E+00	5.63E-03	1.27E-01	3.04E-02	8.27E+00
PM-2.5	8.51E-01	5.63E-03	5.72E-02	1.22E-02	1.85E+00

T/acre-yr

Fugitive Dust Emission Factors

CO	0 T/acre-yr	0 T/acre
CO2	0 T/acre-yr	0 T/acre
NO x	0 T/acre-yr	0 T/acre
SO2	0 T/acre-yr	0 T/acre
VOC	0 T/acre-yr	0 T/acre
TSP	0.38 T/acre-yr	0 T/acre
PM-10	0.19 T/acre-yr	6.08E-02 T/acre
PM-2.5	0.08 T/acre-yr	2.43E-02 T/acre

Source: USEPA; AP-42; Table 11.9-4; 10/1998
Note: PM-10 assumed to be 1/2 times TSP
Note: PM-2.5 assumed to be 1/5 times TSP

300,000 KWhr electric use per year

Note: 68 per cent control efficiency assumed

Moderate Casino/Hotel

40.00 acre
450,000 sq ft building with open parking
820 employees per building
200 hotel guests per day
7,450 casino customers per day
1 car per person
8,470 cars per day
1 round trips per car per day
8,470 x 10 mile round trips per day
84,700 VMT per day
30,915,500 VMT per year
270,000 therms natural gas use per year
20,000,000 KWhr electric use per year

POLLTNT	VMT	GAS	ELECT	FUGITIVI	TOTAL
CO	3.14E+01	6.67E+00	4.19E+00	0.00E+00	1.06E+00
CO2	6.65E+03	2.00E+04	1.03E+04	0.00E+00	9.24E+02
NO x	4.43E+01	1.57E+01	4.19E+01	0.00E+00	2.55E+00
SO2	0.00E+00	1.00E-01	5.74E+00	0.00E+00	1.46E-01
VOC	4.09E+01	9.17E-01	1.19E-01	0.00E+00	1.05E+00
PM-10	4.77E+01	1.27E+00	8.48E+00	2.43E+00	1.50E+00
PM-2.5	1.02E+01	1.27E+00	3.81E+00	9.73E-01	4.07E-01

T/acre-yr

Large City Park

100.00 acre
Multipurpose building with open
tennis/baseball/soccer fields
10 employees
250 park visitors per day
1 car per person
260 cars per day
1 round trips per car per day
260 x 10 mile round trips per day

POLLTNT	VMT	GAS	ELECT	FUGITIVI	TOTAL
CO	9.62E-01	1.21E-01	6.91E-02	0.00E+00	1.15E-02
CO2	2.04E+02	3.63E+02	1.70E+02	0.00E+00	7.37E+00
NO x	1.36E+00	2.84E-01	6.91E-01	0.00E+00	2.34E-02
SO2	0.00E+00	1.81E-03	9.46E-02	0.00E+00	9.65E-04
VOC	1.26E+00	1.66E-02	1.97E-03	0.00E+00	1.27E-02
PM-10	1.46E+00	2.30E-02	1.40E-01	6.08E+00	7.71E-02
PM-2.5	3.14E-01	2.30E-02	6.29E-02	2.43E+00	2.83E-02

T/acre-yr

Single Family Home

0.14 acre
2,000 sq ft with attached garage
3 people per home
3 cars per home
2 round trips per car per day
6 x 10 mile round trips per day
60 VMT per day
21,900 VMT per year
900 therms natural gas use per year
36,000 KWhr electric use per year

POLLTNT	VMT	GAS	ELECT	FUGITIVE	TOTAL
CO	2.22E-02	2.22E-02	7.54E-03	0.00E+00	3.71E-01
CO2	4.71E+00	6.67E+01	1.85E+01	0.00E+00	6.42E+02
NO x	3.14E-02	5.22E-02	7.54E-02	0.00E+00	1.14E+00
SO2	0.00E+00	3.33E-04	1.03E-02	0.00E+00	7.61E-02
VOC	2.90E-02	3.06E-03	2.15E-04	0.00E+00	2.30E-01
PM-10	3.38E-02	4.22E-03	1.53E-02	8.51E-03	4.41E-01
PM-2.5	7.24E-03	4.22E-03	6.87E-03	3.40E-03	1.55E-01

T/acre-yr

Vehicle Miles Traveled Emission Factors

CO	0.92 gm/VMT	1.01E-06 T/VMT
CO2	195 gm/VMT	2.15E-04 T/VMT
NO x	1.3 gm/VMT	1.43E-06 T/VMT
SO2	0.0 gm/VMT	0.00E+00 T/VMT
VOC	1.2 gm/VMT	1.32E-06 T/VMT

Source: Clark County CO SIP; "Cleaner Burning Gasoline;" 8/2000
Note: CO2 assumed to be 150 times NO x

PM-10	1.4 gm/VMT	1.54E-06 T/VMT
PM-2.5	0.3 gm/VMT	3.31E-07 T/VMT

Source: USEPA; AP-42; Table 13.2.1-3; 10/2001
Note: assumed 2 ton vehicle; 0.4 gm/m2 silt loading

conversion 1.10231E-06 T/gm

Apartment Complex

5.00 acre
900 sq ft units with open parking
2 people per unit
300 units per complex
600 people per complex
2 cars per unit
450 cars per complex
2 round trips per car per day
900 x 10 mile round trips per day
9,000 VMT per day
3,285,000 VMT per year
97,500 therms natural gas use per year
5,400,000 KWhr electric use per year

POLLTNT	VMT	GAS	ELECT	FUGITIVE	TOTAL
CO	3.33E+00	2.41E+00	1.13E+00	0.00E+00	1.37E+00
CO2	7.06E+02	7.22E+03	2.78E+03	0.00E+00	2.14E+03
NO x	4.71E+00	5.66E+00	1.13E+01	0.00E+00	4.33E+00
SO2	0.00E+00	3.61E-02	1.55E+00	0.00E+00	3.17E-01
VOC	4.35E+00	3.31E-01	3.23E-02	0.00E+00	9.42E-01
PM-10	5.07E+00	4.57E-01	2.29E+00	3.04E-01	1.62E+00
PM-2.5	1.09E+00	4.57E-01	1.03E+00	1.22E-01	5.39E-01

T/acre-yr

Natural Gas Use Emission Factors

CO	40 lb/Mscf	2.47E-05 T/therm
CO2	120,000 lb/Mscf	7.41E-02 T/therm
NO x	94 lb/Mscf	5.80E-05 T/therm
SO2	0.6 lb/Mscf	3.70E-07 T/therm
VOC	5.5 lb/Mscf	3.40E-06 T/therm
PM-10	7.6 lb/Mscf	4.69E-06 T/therm
PM-2.5	7.6 lb/Mscf	4.69E-06 T/therm

Source: USEPA; AP-42; Table 1.4-1; 7/1998
Note: assumed 0.81 therm/Kscf; Xcel Energy; 7/2002

conversion	5.00E-04	T/lb
conversion	1.00E-03	Mscf/Kscf
conversion	1.23E+00	Kscf/therm

2,600 VMT per day
949,000 VMT per year
4,900 therms natural gas use per year
330,000 KWhr electric use per year

Annual Emissions in Tons per Acre per Year

	CO	CO2	NO x	SO2	VOC	PM-10	PM-2.5
Single Home	0.371	642.186	1.136	0.076	0.230	0.441	0.155
Apt Complex	1.374	2141.627	4.335	0.317	0.942	1.624	0.539
Office Bldg	0.287	318.017	0.860	0.065	0.250	0.448	0.138
Convenience	5.404	1592.889	8.771	0.173	6.819	8.269	1.852
Mod Casino	1.055	923.522	2.546	0.146	1.048	1.497	0.407
City Park	0.012	7.368	0.023	0.001	0.013	0.077	0.028

Annual Emissions in Pounds per Acre per Year

	CO	CO2	NO x	SO2	VOC	PM-10	PM-2.5
Single Home	742	1284373	2271	152	461	883	311
Apt Complex	2748	4283255	8670	634	1883	3248	1078
Office Bldg	573	636033	1721	131	500	896	276
Convenience	10808	3185779	17542	346	13639	16537	3704
Mod Casino	2110	1847044	5093	292	2097	2994	814
City Park	23	14737	47	2	25	154	57

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Particulate [illegible] .er (FRM $PM_{2.5}$)
1999

Aire Code	Site	Address	County	FREQ.	OBS	Mean	1st High	Month	Date	2nd High	Month	Date	3rd High	Month	Date	4th High	Month	Date	A	B	C	D	E	F	G
320030022	Apex	Township 18s	Clark	1 in3	120	4.8	12.5	MAR	31	10.6	JAN	30	9.3	MAR	7	8.9	JUN	14	120	0	0	0	0	0	0
320032002	JD Smith	1301B E. Tonopah	Clark	1 in 3	83	10.8	32.3	JAN	6	29.9	DEC	29	26.1	NOV	29	23.2	JAN	15	69	13	1	0	0	0	0
320030558	E Charleston	2801 E. Charleston	Clark	Daily	324	11.7	39.9	DEC	31	37.6	NOV	30	37.3	NOV	29	37.2	DEC	16	249	56	9	0	0	0	0
320031019	Jean	1965 State Hwy 161	Clark	1 in 3	90	4.5	12.9	FEB	5	9.7	AUG	31	8.5	JUL	2	8.2	MAR	7	90	0	0	0	0	0	0
320030298	Green Valley	248 Arroyo Grande	Clark	1 in 3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A TO G :- Denote Number Of 24-Hour Average Concentrations ($\mu g/M^3$) Of Range:

A) 0 to 15
B) 16 to 30
C) 31 to 50
D) 51 to 70
E) 71 to 90
F) 91 to 110
G) Greater Than 110

FRM = Federal Reference Method
This Data is Reported to EPA for $PM_{2.5}$

OBS=Number Of Observations
N/A = Instrument not available

Clark County Hea[illegible]ict - Air Quality Division

Particulate Matter (FRM $PM_{2.5}$)

2000

Airs Code	Site	Address	County	FREQ.	OBS	Mean	1st High	Month	Date	2nd High	Month	Date	3rd High	Month	Date	4th High	Month	Date	A	B	C	D	E	F
320030022	Apex	Township 18s	Clark	1 in 6	72	4.3	9.6	JAN	1	9.0	SEP	21	8.5	JUL	23	7.7	AUG	16	72	0	0	0	0	0
320032002	JD Smith	1301B E. Tonopah	Clark	1 in 3	121	9.2	32.6	JAN	1	24.2	NOV	20	22.3	DEC	20	21.9	DEC	29	109	11	1	0	0	0
320030558	E Charleston	2801 E. Charleston	Clark	Daily	349	10.6	42.5	DEC	31	36.7	DEC	30	35.4	NOV	20	32.9	DEC	23	294	44	11	0	0	0
320031019	Jean	Township25S R59E	Clark	1 in 3	116	4.3	14.0	JAN	1	11.6	OCT	18	10.1	DEC	11	9.3	MAY	24	114	0	0	0	0	0
320030298	Green Valley	248 Arroyo Grande	Clark	1 in 3	119	6.8	17.1	DEC	11	15.3	JAN	10	14.3	JAN	1	14.3	JAN	13	117	1	0	0	0	0

A TO G - Denote Number Of 24-Hour Average Concentrations ($\mu g/M^3$) Of Range:

A) 0 to 15
B) 16 to 30
C) 31 to 50
D) 51 to 70
E) 71 to 90
F) 91 to 110
G) Grater Than 110

OBS=Number Of Observations

Clark County - Air Quality Management
Sulfur Dioxide (PPM) 2001

AIRS Code	Street	Observation	Method Code	1st 3-Hour High	Date	2nd 3-Hour High	Date	1st 24-Hour High	Date	2nd 24-Hour High	Date	Exceeded 3HR	Exceeded 24HR	Mean
320030022	12101 US Highway 93	8171	92	0.005	OCT01'01/22	0.005	JUL27'01/24	0.000	SEP25'01	0.000	JUL27'01	0	0	0.000
320030601	1005 Industrial Rd.	8661	92	0.019	NOV21'01/21	0.015	DEC28'01/21	0.004	DEC28'01	0.002	NOV21'01	0	0	0.000
320030539	4001 E. SAHARA	8697	92	0.014	DEC05'01/24	0.013	FEB05'01/24	0.008	DEC05'01	0.006	DEC06'01	0	0	0.000
320030078	103 Highway 95 road	8730	92	0.011	NOV02'01/24	0.010	NOV21'01/21	0.002	NOV21'01	0.002	DEC28'01	0	0	0.000

RANGE/Site	320030022	320030601	320030539	320030078
0.00 TO 0.04	8169	8715	8707	8742
0.05 TO 0.08	0	0	0	0
0.09 TO 0.12	0	0	0	0
0.13 TO 0.16	0	0	0	0
0.17 TO 0.20	0	0	0	0
0.21 TO 0.24	0	0	0	0
0.25 TO 0.28	0	0	0	0
Greater than 0.280	0	0	0	0

Clark County Health District - Air Quality Division
Sulfur Dioxide (PPM) 2000

AIRS Code	Street	Observation	Method Code	1st 3-Hour High	Date	2nd 3-Hour High	Date	1st 24-Hour High	Date	2nd 24-Hour High	Date	Exceeded 3HR	Exceeded 24HR	Mean
320030022	12101 US Highway 93	8738	092	0.005	JUL30'00/09	0.004	JUN28'00/09	0.000	JUN28'00	0.000	JUL30'00	0	0	0.000
320030639	4001 E. SAHARA	8383	092	0.012	DEC28'00/22	0.011	DEC06'00/22	0.006	DEC21'00	0.005	DEC28'00	0	0	0.000

RANGE/Site	320030022	320030639
0.00 TO 0.04	8760	8353
0.05 TO 0.08	0	0
0.09 TO 0.12	0	0
0.13 TO 0.16	0	0
0.17 TO 0.20	0	0
0.21 TO 0.24	0	0
0.25 TO 0.28	0	0
Greater then 0.280	0	0

SULFUR DIOXIDE {PPM} (1999)

SITE CODE	STREET	OBSER-VATIONS	METHOD CODE	1st 1 HIGH	HOUR DATE	2nd 1 HIGH	HOUR DATE	1st 24 HIGH	HOUR DATE	2nd 24 HIGH	HOUR DATE	ANNUAL MEAN
320030539	4001 E. SAHARA	8717	14	0.020	JUN21'99:04AM	0.015	JUN21'99:05AM	0.008	JAN06'99:01AM	0.007	FEB04'99:01AM	0.002
320030601	1005 Industrial Rd.	7969	14	0.017	JAN30'99:10PM	0.013	JAN30'99:11PM	0.005	FEB04'99:01AM	0.005	NOV27'99:01AM	0.000
320030022	Township 18SR63E S14	8720	14	0.008	MAR17'99:09AM	0.007	JUN18'99:09AM	0.001	JUL08'99:01AM	0.001	JUN24'99:01AM	0.000

RANGE	320030539	320030601	320030022
0.00 - 0.04	8717	7969	8720
0.05 - 0.08	0	0	0
0.09 - 0.12	0	0	0
0.13 - 0.16	0	0	0
0.17 - 0.20	0	0	0
0.21 - 0.24	0	0	0
0.25 - 0.28	0	0	0
GREATER THAN 0.28	0	0	0

Clark County - Air Quality Managemet
Nitrogen Dioxide (PPM) 2001

AIRS Code	Street	Obser_ vation	Method Code	1st Hour High	Date	2nd Hour High	Date	1st 24-Hour High	Date	2nd 24-Hour High	Date	Mean
320030022	12101 US Highway 93	8091	14	0.091	OCT19'01/22	0.061	OCT20'01/21	0.026	OCT21'01	0.019	OCT19'01	0.004
320030601	1005 Industrial Rd.	8683	14	0.046	APR16'01/07	0.045	JAN22'01/24	0.027	JAN04'01	0.024	JAN06'01	0.005
320030563	650 N. Mojave	8715	14	0.075	JAN22'01/12	0.072	APR26'01/08	0.036	JAN03'01	0.035	JAN05'01	0.018
320032002	1301B E. Tonopah	7465	14	0.081	SEP10'01/09	0.077	AUG13'01/07	0.040	JAN22'01	0.039	DEC27'01	0.021
320031019	1965 State Hwy 161	8629	14	0.038	DEC17'01/20	0.032	OCT19'01/08	0.018	DEC28'01	0.010	DEC20'01	0.002
320030539	4001 E. SAHARA	8685	14	0.079	JUL25'01/08	0.079	SEP11'01/09	0.044	DEC27'01	0.044	JAN04'01	0.022
320030073	Palo Verde H.S.	8181	14	0.104	FEB02'01/17	0.075	FEB05'01/15	0.039	FEB02'01	0.028	FEB05'01	0.006
320030078	103 Highway 95 road	8729	14	0.079	DEC20'01/01	0.077	SEP20'01/05	0.024	NOV21'01	0.023	DEC20'01	0.005
320030023	465 E. Old Mill Rd.	1749	14	0.041	NOV21'01/17	0.040	NOV20'01/17	0.019	DEC20'01	0.019	NOV21'01	0.011
State		32	32	32	32	32	32	32	32	32		
County		003	003	003	003	003	003	003	003	003		
Hourly range/Site		0022	0601	0563	2002	1019	0539	0073	0078	0023		
0.00 TO 0.04		8073	8680	8435	6970	8629	7986	8132	8672	1749		
0.05 TO 0.08		17	3	279	495	0	699	46	57	0		
0.09 TO 0.12		1	0	0	0	0	0	3	0	0		
0.13 TO 0.16		0	0	0	0	0	0	0	0	0		
0.17 TO 0.20		0	0	0	0	0	0	0	0	0		
0.21 TO 0.24		0	0	0	0	0	0	0	0	0		
0.25 TO 0.28		0	0	0	0	0	0	0	0	0		
Greater then 0.28		0	0	0	0	0	0	0	0	0		

Clark County Health District - Air Quality Division
Nitrogen Dioxide (PPM) 2000

AIRS Code	Street	Obser_ vation	Method Code	1st Hour High	Date	2nd Hour High	Date	1st 24-Hour High	Date	2nd 24-Hour High	Date	Mean
320030022	12101 US Highway 93	7263	14	0.049	JUL26'00/03	0.047	APR13'00/01	0.016	JAN16'00	0.016	APR06'00	0.003
320030601	1005 Industrial Rd.	8716	14	0.051	JUL05'00/03	0.047	APR27'00/07	0.027	DEC20'00	0.026	DEC04'00	0.007
320032002	1301B E. Tonopah	8565	14	0.089	SEP27'00/09	0.075	JUL10'00/21	0.041	JUL10'00	0.040	FEB08'00	0.021
320031019	1965 State Hwy 161	6763	14	0.042	JAN10'00/22	0.038	DEC05'00/17	0.014	JAN14'00	0.013	DEC22'00	0.002
320030539	4001 E. SAHARA	6858	14	0.100	AUG21'00/09	0.091	SEP28'00/09	0.046	JAN14'00	0.046	JAN15'00	0.024
320030073	Palo Verde H.S.	7892	14	0.072	NOV29'00/14	0.063	NOV27'00/17	0.041	NOV28'00	0.035	NOV27'00	0.007

State	32	32	32	32	32	32
County	003	003	003	003	003	003
Hourly range/Site	0022	0601	2002	1019	0539	0073
0.00 TO 0.04	7258	8713	8004	6763	6106	7840
0.05 TO 0.08	5	3	560	0	747	52
0.09 TO 0.12	0	0	1	0	5	0
0.13 TO 0.16	0	0	0	0	0	0
0.17 TO 0.20	0	0	0	0	0	0
0.21 TO 0.24	0	0	0	0	0	0
0.25 TO 0.28	0	0	0	0	0	0
Greater then 0.28	0	0	0	0	0	0

NITROGEN DIOXIDE (PPM) (1999)

SITE CODE	STREET	OBSER-VATIONS	METHOD CODE	1st 1 HIGH	HOUR DATE	2nd 1 HIGH	HOUR DATE	1st 24 HIGH	HOUR DATE	2nd 24 HIGH	HOUR DATE	ANNUAL MEAN
320030539	4001 E. SAHARA	8718	14	0.090	NOV01'99:11AM	0.090	DEC30'99:11AM	0.062	DEC17'99:01AM	0.059	DEC16'99:01AM	0.027
320030601	1005 Industrial Rd.	8678	14	0.048	OCT04'99:08AM	0.047	OCT26'99:08AM	0.029	DEC17'99:01AM	0.028	DEC16'99:01AM	0.009
320030022	Township 18SR63E S14	8716	14	0.046	MAY18'99:10PM	0.043	MAR23'99:10PM	0.018	JAN17'99:01AM	0.017	JAN19'99:01AM	0.006
320030073	333 Pavillion Ctr.	8668	14	0.084	JAN06'99:02PM	0.077	JAN05'99:05PM	0.039	JAN16'99:01AM	0.034	JAN15'99:01AM	0.009
320031019	Township 25s	8411	14	0.071	FEB11'99:08AM	0.059	FEB11'99:11AM	0.019	JAN15'99:01AM	0.019	FEB11'99:01AM	0.006
320032002	1301B E. Tonopah	8635	14	0.110	JAN07'99:12AM	0.100	JAN07'99:11AM	0.050	NOV30'99:01AM	0.049	JAN07'99:01AM	0.024

RANGE	320030539	320030601	320030022	320030073	320031019	320032002
0.00 - 0.04	7747	8678	8716	8632	8409	8054
0.05 - 0.08	969	0	0	36	2	579
0.09 - 0.12	2	0	0	0	0	2
0.13 - 0.16	0	0	0	0	0	0
0.17 - 0.20	0	0	0	0	0	0
0.21 - 0.24	0	0	0	0	0	0
0.25 - 0.28	0	0	0	0	0	0
GREATER THAN 0.28	0	0	0	0	0	0

Clark County - Air Quality Management
Nitric Oxide (PPM) 2001

AIRS Code	Street	Obser_ vation	Method Code	1st Hour High	Date	2nd Hour High	Date	1st 24-Hour High	Date	2nd 24-Hour High	Date	Mean
320030022	12101 US Highway 93	8091	14	0.087	DEC19'01/08	0.084	JAN04'01/09	0.021	DEC27'01	0.018	DEC20'01	0.002
320030601	1005 Industrial Rd.	8684	14	0.102	DEC19'01/10	0.088	APR16'01/07	0.021	DEC19'01	0.017	JAN06'01	0.003
320030563	650 N. Mojave	8715	14	0.579	DEC27'01/24	0.550	JAN04'01/19	0.229	JAN04'01	0.226	JAN05'01	0.043
320032002	1301B E. Tonopah	7473	14	0.685	JAN05'01/21	0.615	DEC27'01/22	0.248	DEC27'01	0.246	JAN04'01	0.045
320031019	1965 State Hwy 161	8629	14	0.060	JAN05'01/11	0.048	OCT19'01/08	0.007	APR16'01	0.007	APR17'01	0.000
320030539	4001 E. SAHARA	8685	14	0.707	JAN04'01/23	0.702	JAN24'01/08	0.321	JAN04'01	0.290	JAN05'01	0.061
320030073	Palo Verde H.S.	8181	14	0.108	DEC20'01/12	0.102	AUG02'01/06	0.042	DEC20'01	0.031	APR19'01	0.007
320030078	103 Highway 95 road	8731	14	0.298	SEP24'01/04	0.263	DEC20'01/01	0.056	DEC19'01	0.054	DEC20'01	0.007
320030023	465 E. Old Mill Rd.	1749	14	0.079	DEC07'01/07	0.077	DEC20'01/20	0.040	DEC20'01	0.029	DEC19'01	0.010

State	32	32	32	32	32	32	32	32	32
County	003	003	003	003	003	003	003	003	003
Hourly range/Site	0022	0601	0563	2002	1019	0539	0073	0078	0023
0.00 TO 0.04	8071	8665	6315	5293	8626	5876	8094	8544	1703
0.05 TO 0.08	19	17	782	763	3	590	74	122	46
0.09 TO 0.12	1	2	534	449	0	493	13	41	0
0.13 TO 0.16	0	0	354	357	0	432	0	11	0
0.17 TO 0.20	0	0	265	208	0	370	0	6	0
0.21 TO 0.24	0	0	181	133	0	277	0	2	0
0.25 TO 0.28	0	0	112	87	0	208	0	2	0
Greater then 0.28	0	0	145	150	0	381	0	1	0

Clark County Health District - Air Quality Division
Nitric Oxide (PPM) 2000

AIRS Code	Street	Obser_ vation	Method Code	1st Hour High	Date	2nd Hour High	Date	1st 24-Hour High	Date	2nd 24-Hour High	Date	Mean
320030022	12101 US Highway 93	7262	14	0.087	DEC28'00/09	0.063	JAN10'00/09	0.013	DEC28'00	0.010	APR06'00	0.001
320030601	1005 Industrial Rd.	8717	14	0.074	DEC07'00/07	0.074	DEC22'00/09	0.023	DEC20'00	0.022	DEC07'00	0.002
320032002	1301B E. Tonopah	8565	14	0.623	DEC06'00/19	0.588	DEC28'00/19	0.245	NOV21'00	0.236	DEC29'00	0.044
320031019	1965 State Hwy 161	6772	14	0.056	DEC07'00/10	0.048	DEC28'00/10	0.011	AUG23'00	0.006	DEC28'00	0.000
320030539	4001 E. SAHARA	6858	14	0.657	DEC06'00/22	0.612	DEC22'00/01	0.326	DEC21'00	0.309	DEC22'00	0.074
320030073	Palo Verde H.S.	8239	14	0.187	JAN11'00/08	0.156	JAN12'00/08	0.027	JAN11'00	0.023	JAN10'00	0.006

State	32	32	32	32	32	32
County	003	003	003	003	003	003
Hourly range/Site	0022	0601	2002	1019	0539	0073
0.00 TO 0.04	7257	8679	6196	6770	4353	8173
0.05 TO 0.08	4	38	719	2	483	58
0.09 TO 0.12	1	0	464	0	390	5
0.13 TO 0.16	0	0	367	0	342	2
0.17 TO 0.20	0	0	301	0	324	1
0.21 TO 0.24	0	0	170	0	268	0
0.25 TO 0.28	0	0	131	0	204	0
Greater then 0.28	0	0	186	0	453	0

NITRIC OXIDE (PPM) (1999)

SITE CODE	STREET	OBSER-VATIONS	METHOD CODE	1st 1 HIGH	HOUR DATE	2nd 1 HIGH	HOUR DATE	1st 24 HIGH	HOUR DATE	2nd 24 HIGH	HOUR DATE	ANNUAL MEAN
320030539	4001 E. SAHARA	8720	14	0.664	NOV29'99:11PM	0.651	DEC17'99:10PM	0.395	DEC17'99:01AM	0.322	NOV30'99:01AM	0.076
320030601	1005 Industrial Rd.	8678	14	0.114	NOV11'99:08AM	0.101	FEB24'99:09AM	0.022	DEC16'99:01AM	0.021	JAN07'99:01AM	0.004
320030022	Township 18SR63E S14	8716	14	0.075	JAN06'99:10AM	0.072	JAN07'99:09AM	0.018	JAN16'99:01AM	0.016	JAN15'99:01AM	0.005
320030073	333 Pavillion Ctr.	8678	14	0.161	OCT27'99:07AM	0.140	OCT05'99:07AM	0.032	JAN15'99:01AM	0.032	NOV30'99:01AM	0.006
320031019	Township 25s	8396	14	0.178	SEP13'99:02PM	0.172	SEP16'99:02PM	0.012	SEP13'99:01AM	0.011	SEP16'99:01AM	0.004
320032002	13018 E. Tonopah	8634	14	0.609	DEC17'99:07PM	0.606	NOV29'99:07PM	0.253	DEC16'99:01AM	0.250	NOV30'99:01AM	0.051

RANGE	320030539	320030601	320030022	320030073	320031019	320032002
0.00 - 0.04	5881	8648	8712	8617	8387	6127
0.05 - 0.08	488	26	4	52	7	685
0.09 - 0.12	415	4	0	5	0	514
0.13 - 0.16	359	0	0	4	0	413
0.17 - 0.20	335	0	0	0	2	307
0.21 - 0.24	272	0	0	0	0	189
0.25 - 0.28	186	0	0	0	0	105
GREATER THAN 0.28	784	0	0	0	0	294

Clark County [illegible] Quality Management

Particulate Matter (Continuous $PM_{2.5}$)

2001

Airs Code	Site	Address	County	FREQ.	OBS	Mean	1st High	Month	Date	2nd High	Month	Date	3rd High	Month	Date	4th High	Month	Date	A	B	C	D	E	F	G
320030601	Boulder City	1005 Industrial Rd.	Clark	Cont.	338	6.0	23	APR	15	22	OCT	1	20	APR	16	19	APR	14	338	0	0	0	0	0	0
320030020	Craig Road	4701 Mitchell St.	Clark	Cont.	339	12.0	25	MAY	12	23	APR	15	23	OCT	2	22	AUG	9	339	0	0	0	0	0	0
320030562	Crestwood	1300 Pauline Way	Clark	Cont.	333	11.0	30	DEC	25	27	DEC	27	26	DEC	20	24	APR	15	330	3	0	0	0	0	0
320030298	Green Valley	249 Arroyo Grande	Clark	Cont.	289	9.0	24	MAY	16	24	AUG	29	23	APR	15	21	APR	16	289	0	0	0	0	0	0
320032002	JD Smith	1301B E. Tonopah	Clark	Cont.	343	9.0	25	MAY	2	25	MAY	25	25	JUL	4	24	MAY	12	343	0	0	0	0	0	0
320030539	E Sahara	4001 Sahara Ave.	Clark	Cont.	338	12.0	27	APR	15	25	JAN	5	25	OCT	1	24	JAN	4	337	1	0	0	0	0	0
320030073	Pelo Verde	333 Pavillion Center Dr.	Clark	Cont.	325	6.0	22	MAY	11	21	APR	15	17	APR	13	17	APR	14	324	0	0	0	0	0	0

A TO G :- Denote Number Of 24-Hour Average Concentrations ($\mu g/M^3$) Of Range:

A) 0 to 15
B) 16 to 30
C) 31 to 50
D) 51 to 70
E) 71 to 90
F) 91 to 110
G) Grater Than 110

OBS=Number Of Observations

Clark County Hea[illegible] .ct - Air Quality Division

Particulate Matter (Continuous $PM_{2.5}$)

2000

Airs Code	Site	Address	County	FREQ.	OBS	Mean	1st High	Month	Date	2nd High	Month	Date	3rd High	Month	Date	4th High	Month	Date	A	B	C	D	E	F	G
320030601	Boulder City	1005 Industrial Rd.	Clark	Cont.	350	6.2	40	AUG	12	30	AUG	13	21	MAY	10	19	MAY	8	344	5	1	0	0	0	0
320030020	Craig Road	4701 Mitchell St.	Clark	Cont.	327	11.8	37	AUG	12	33	MAY	10	32	AUG	13	26	JUN	29	271	53	3	0	0	0	0
320030298	Green Valley	248 Arroyo Grande	Clark	Cont.	339	8.5	28	MAY	10	23	AUG	13	20	JAN	11	20	MAY	8	329	10	0	0	0	0	0
320032002	JD Smith	1301B E. Tonopah	Clark	Cont.	339	9.0	29	AUG	13	26	JAN	1	26	AUG	12	22	MAY	10	307	32	0	0	0	0	0
320030539	E. Sahara	4001 Sahara Ave.	Clark	Cont.	351	12.7	33	NOV	20	26	AUG	12	26	AUG	13	25	DEC	31	276	74	1	0	0	0	0
320030073	Palo Verde	333 Pavilion Center Dr	Clark	Cont.	325	8.5	24	MAY	10	24	AUG	12	19	JUL	31	17	JAN	11	320	5	0	0	0	0	0
320030562	Crestwood	1300 Pauline Way	Clark	Cont.	335	10.8	28	JAN	1	26	DEC	21	25	JAN	11	25	AUG	12	282	53	0	0	0	0	0

A TO G :- Denote Number Of 24-Hour Average Concentrations ($\mu g/M^3$) Of Range:

A) 0 to 15
B) 16 to 30
C) 31 to 50
D) 51 to 70
E) 71 to 90
F) 91 to 110
G) Grater Than 110

OBS=Number Of Observations

Particulate Ma[illegible] Continuous $PM_{2.5}$)
1999

Airs Code	Site	Address	County	FREQ.	OBS	Mean	1st High	Month	Date	2nd High	Month	Date	3rd High	Month	Date	4th High	Month	Date	A	B	C	D	E	F	G
320030601	Boulder City	1005 Industrial Rd.	Clark	Cont.	347	5.8	14	AUG	30	13	JUN	16	13	JUL	7	12	JUL	1	347	0	0	0	0	0	0
320030020	Craig Road	4701 Mitchell St.	Clark	Cont.	257	11.8	27	MAR	30	23	JAN	20	23	FEB	8	23	MAR	31	217	40	0	0	0	0	0
320030298	Green Valley	248 Arroyo Grande	Clark	Cont.	327	10.0	37	MAR	30	35	FEB	25	34	MAR	31	22	JAN	7	307	17	3	0	0	0	0
320032002	JD Smith	1301B E. Tonopah	Clark	Cont.	335	9.2	74	JUL	4	26	JAN	7	26	NOV	30	25	JAN	6	303	31	0	0	1	0	0
320030539	E. Sahara	4001 Sahara Ave.	Clark	Cont.	349	13.3	29	JUL	5	28	NOV	30	27	'DEC	16	26	JAN	6	257	92	0	0	0	0	0
320030073	Palo Verde	333 Pavillion Center Dr	Clark	Cont.	323	10.9	24	AUG	31	21	JAN	31	21	AUG	30	20	MAY	7	301	22	0	0	0	0	0
320030562	Crestwood	1300 Pauline Way	Clark	Cont.	331	12.8	49	MAR	29	47	MAR	31	46	MAR	30	42	MAR	27	250	75	6	0	0	0	0

A TO G - Denote Number Of 24-Hour Average Concentrations ($\mu g/M^3$) Of Range:

A) 0 to 15
B) 16 to 30
C) 31 to 50
D) 51 to 70
E) 71 to 90
F) 91 to 110
G) Greater Than 110

OBS=Number Of Observations

Clark County [illegible]ality Management

Particulate Matter (FRM $PM_{2.5}$)

2001

Airs Code	Site	Address	County	FREQ.	OBS	Mean	1st High	Month	Date	2nd High	Month	Date	3rd High	Month	Date	4th High	Month	Date	A	B	C	D	E	F	G
320030022	Apex	12101 US Highway 93	Clark	1 in 6	58	4.4	8.7	JUN	24	8.0	MAY	1	7.8	AUG	17	7.6	JUN	6	58	0	0	0	0	0	0
320032002	JD Smith	1301B E. Tonopah	Clark	1 in 3	116	9.9	33.0	JAN	1	26.0	DEC	27	24.4	JAN	4	24.3	DEC	18	102	13	1	0	0	0	0
320030560	E. Charleston	2801 E. Charleston	Clark	Daily	347	10.6	56.1	DEC	26	47.1	JAN	1	43.7	DEC	27	36.4	JAN	4	299	41	6	1	0	0	0
320031019	Jean	1965 State Hwy 161	Clark	1 in 3	109	4.3	20.5	APR	16	9.9	OCT	28	9.3	DEC	30	8.7	APR	19	109	1	0	0	0	0	0
320030298	Green Valley	248 Arroyo Grande	Clark	1 in 3	118	6.6	17.6	APR	16	14.0	OCT	1	13.8	MAR	2	12.6	AUG	29	117	1	0	0	0	0	0
320030560	EC-COLO	2801 E. Charleston	Clark	1 in 6	60	11.2	46.8	JAN	1	35.5	DEC	27	33.8	JAN	19	33.2	JAN	7	51	5	4	0	0	0	0

A TO G - Denote Number Of 24-Hour Average Concentrations ($\mu g/M^3$) Of Range:

A) 0 to 15
B) 16 to 30
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F) 91 to 110
G) Grater Than 110

OBS=Number Of Observations