

Section 15.4
Air Quality Data

**Parenthetical URBEMIS2002 Assumptions
For: Town of Yucca Valley Specific Plan Project
Date: August 16, 2006**

LAND USES

Land Use Type	Total Trips
Existing General Plan Buildout	105,457
Proposed Project	107,463
Specific Plan Buildout Net Change from General plan	2,006

**OPERATIONAL EMISSIONS FOR GENERAL PLAN
AND SPECIFIC PLAN BUILDOUT**

AREA SOURCES

Natural Gas Fuel Combustion:

(URBEMIS2002 default all phases)

Wood Stoves Fuel Combustion:

Off

Fireplaces:

Off

Landscape Maintenance Equipment:

Year of Completion	Summer Days
2020	180

Consumer Products:

(URBEMIS2002 default all phases)

Area Source Mitigation:

Refer to URBEMIS2002 file output.

OPERATIONAL SOURCES

Vehicle Fleet %:

(URBEMIS2002 default all phases)

Year:

Year of Completion – 2030

Trip Characteristics:

(URBEMIS2002 Default all phases)

Temperature Data:

40 to 100 degrees Fahrenheit

Variable Starts:

(URBEMIS2002 default all phases)

Road Dust:

Paved – 100%

Unpaved – 0%

Pass By Trips (On/Off):

On

Double-Counting(On/Off):

Off

Operational Mitigation Measures:

Refer to URBEMIS 2002 file output.

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\Yucca GP Existing.urb
Project Name: Yucca Valley General Plan Buildout
Project Location: Mountain Counties and Rural Counties
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day, unmitigated)	51.49	22.29	20.64	0.01	0.05

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day, unmitigated)	186.57	268.04	2,183.16	7.03	1,255.39

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day, unmitigated)	238.06	290.33	2,203.80	7.04	1,255.43

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\Yucca GP Existing.urb
Project Name: Yucca Valley General Plan Buildout
Project Location: Mountain Counties and Rural Counties
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day, unmitigated)	66.54	22.79	46.59	0.07	4.22

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day, unmitigated)	228.95	320.73	2,520.19	7.03	1,255.39

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day, unmitigated)	295.49	343.52	2,566.78	7.10	1,259.60

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\Yucca GP Existing.urb
Project Name: Yucca Valley General Plan Buildout
Project Location: Mountain Counties and Rural Counties
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	7.56	4.08	4.72	0.00	0.18

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	36.63	52.12	418.93	1.28	229.11

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	44.19	56.20	423.65	1.29	229.29

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\Yucca GP Existing.urb
Project Name: Yucca Valley General Plan Buildout
Project Location: Mountain Counties and Rural Counties
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	1.62	22.26	18.56	0	0.04
Hearth	15.33	0.53	28.03	0.07	4.18
Landscaping - No winter emissions					
Consumer Prdcts	1.32	-	-	-	-
Architectural Coatings	48.27	-	-	-	-
TOTALS (lbs/day, unmitigated)	66.54	22.79	46.59	0.07	4.22

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Single family housing	0.70	0.98	7.61	0.02	3.92
Regnl shop. center	143.19	199.46	1,586.50	4.29	767.39
General light industry	85.07	120.29	926.08	2.72	484.08
TOTAL EMISSIONS (lbs/day)	228.95	320.73	2,520.19	7.03	1,255.39

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2030 Temperature (F): 40 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Single family housing	9.00	9.00 trips/dwelling unit	27.00	243.00
Regnl shop. center		34.40 trips/1000 sq. ft.	2,184.60	75,150.24
General light industry		25.21 trips/1000 sq. ft.	1,194.00	30,100.74
Sum of Total Trips			105,493.98	
Total Vehicle Miles Traveled			831,335.04	

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	52.50	0.00	100.00	0.00
Light Truck < 3,750 lbs	15.90	0.00	100.00	0.00
Light Truck 3,751- 5,750	16.70	0.00	100.00	0.00
Med Truck 5,751- 8,500	7.60	0.00	100.00	0.00
Lite-Heavy 8,501-10,000	1.00	0.00	80.00	20.00
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	0.90	0.00	22.20	77.80
Heavy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.50	33.30	66.70	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	2.60	0.00	92.30	7.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	32.9	18.0	49.1			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0
General light industry				50.0	25.0	25.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Single family housing
have changed from the defaults 9.57/9. to 9/9.

Changes made to the default values for Area

The landscape year changed from 2005 to 2020.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2030.

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\Yucca GP Existing.urb
Project Name: Yucca Valley General Plan Buildout
Project Location: Mountain Counties and Rural Counties
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	1.62	22.26	18.56	0	0.04
Hearth - No summer emissions					
Landscaping	0.28	0.03	2.09	0.01	0.01
Consumer Prdcts	1.32	-	-	-	-
Architectural Coatings	48.27	-	-	-	-
TOTALS (lbs/day, unmitigated)	51.49	22.29	20.64	0.01	0.05

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Single family housing	0.56	0.81	6.74	0.02	3.92
Regnl shop. center	119.30	166.89	1,354.84	4.29	767.39
General light industry	66.71	100.33	821.58	2.72	484.08
TOTAL EMISSIONS (lbs/day)	186.57	268.04	2,183.16	7.03	1,255.39

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2030 Temperature (F): 60 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Single family housing	9.00	9.00 trips/dwelling unit	27.00	243.00
Regnl shop. center		34.40 trips/1000 sq. ft.	2,184.60	75,150.24
General light industry		25.21 trips/1000 sq. ft.	1,194.00	30,100.74
Sum of Total Trips				105,493.98
Total Vehicle Miles Traveled				831,335.04

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	52.50	0.00	100.00	0.00
Light Truck < 3,750 lbs	15.90	0.00	100.00	0.00
Light Truck 3,751- 5,750	16.70	0.00	100.00	0.00
Med Truck 5,751- 8,500	7.60	0.00	100.00	0.00
Lite-Heavy 8,501-10,000	1.00	0.00	80.00	20.00
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	0.90	0.00	22.20	77.80
Heavy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.50	33.30	66.70	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	2.60	0.00	92.30	7.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	32.9	18.0	49.1			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0
General light industry				50.0	25.0	25.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Single family housing
have changed from the defaults 9.57/9. to 9/9.

Changes made to the default values for Area

The landscape year changed from 2005 to 2020.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2030.

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\Yucca GP Existing.urb
Project Name: Yucca Valley General Plan Buildout
Project Location: Mountain Counties and Rural Counties
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES (Tons per Year, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.30	4.06	3.39	0.00	0.01
Hearth	0.63	0.02	1.15	0.00	0.17
Landscaping	0.03	0.00	0.19	0.00	0.00
Consumer Prdcts	0.24	-	-	-	-
Architectural Coatings	6.37	-	-	-	-
TOTALS (tpy, unmitigated)	7.56	4.08	4.72	0.00	0.18

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Single family housing	0.11	0.16	1.28	0.00	0.72
Regnl shop. center	23.23	32.44	261.35	0.78	140.05
General light industry	13.29	19.52	156.29	0.50	88.34
TOTAL EMISSIONS (tons/yr)	36.63	52.12	418.93	1.28	229.11

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2030 Season: Annual

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Single family housing	9.00	9.00 trips/dwelling unit	27.00	243.00
Regnl shop. center		34.40 trips/1000 sq. ft.	2,184.6075	150.24
General light industry		25.21 trips/1000 sq. ft.	1,194.0030	100.74
Sum of Total Trips				105,493.98
Total Vehicle Miles Traveled				831,335.04

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	52.50	0.00	100.00	0.00
Light Truck < 3,750 lbs	15.90	0.00	100.00	0.00
Light Truck 3,751- 5,750	16.70	0.00	100.00	0.00
Med Truck 5,751- 8,500	7.60	0.00	100.00	0.00
Lite-Heavy 8,501-10,000	1.00	0.00	80.00	20.00
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	0.90	0.00	22.20	77.80
Heavy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.50	33.30	66.70	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	2.60	0.00	92.30	7.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	32.9	18.0	49.1			

% of Trips - Commercial (by land use)

Regnl shop. center	2.0	1.0	97.0
General light industry	50.0	25.0	25.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Single family housing
have changed from the defaults 9.57/9. to 9/9.

Changes made to the default values for Area

The landscape year changed from 2005 to 2020.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2030.

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\YuccaValley.urb
Project Name: Yucca Valley Specific Plan
Project Location: Mountain Counties and Rural Counties
Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	140.47	38.07	61.00	0.22	0.18

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	192.73	276.98	2,259.69	7.28	1,299.38

4 OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	333.19	315.06	2,320.69	7.50	1,299.56

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\YuccaValley.urb
Project Name: Yucca Valley Specific Plan
Project Location: Mountain Counties and Rural Counties
-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	769.52	59.42	1,184.30	2.76	172.78

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	236.83	331.47	2,605.62	7.28	1,299.38

TOTAL OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	1,006.35	390.89	3,789.92	10.04	1,472.16

URBEMIS 2002 For Windows 8.7.0

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Project Name: Yucca Valley Specific Plan
Project Location: Mountain Counties and Rural Counties
Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	47.21	7.58	55.28	0.13	7.09

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	37.86	53.86	433.44	1.33	237.14

TOTAL OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	85.07	61.45	488.72	1.46	244.22

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\YuccaValley.urb
 Project Name: Yucca Valley Specific Plan
 Project Location: Mountain Counties and Rural Counties
 Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Pounds/Day - Winter)

EA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	2.79	37.49	25.70	0	0.07
Earth	633.47	21.92	1,158.60	2.76	172.71
Landscaping - No winter emissions					
Consumer Prdcts	54.60	-	-	-	-
Architectural Coatings	78.66	-	-	-	-
TOTALS(lbs/day, unmitigated)	769.52	59.42	1,184.30	2.76	172.78

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
single family housing	28.54	39.87	311.14	0.90	160.26
gnl shop. center	139.36	194.13	1,544.07	4.18	746.87
neral light industry	68.93	97.47	750.41	2.20	392.26
TOTAL EMISSIONS (lbs/day)	236.83	331.47	2,605.62	7.28	1,299.38

es not include correction for passby trips.
 es not include double counting adjustment for internal trips.

ERATIONAL (Vehicle) EMISSION ESTIMATES

alysis Year: 2030 Temperature (F): 40 Season: Winter

FAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Land Use Type	Acreage	Trip Rate	No. Units	Total Trips
single family housing	372.00	8.90 trips/dwelling unit	1,116.00	9,932.40
gnl shop. center		31.14 trips/1000 sq. ft.	2,348.7773	73,140.70
neral light industry		44.20 trips/1000 sq. ft.	551.8324	24,391.06
Sum of Total Trips				107,464.16
Total Vehicle Miles Traveled				860,460.97

Vehicle Assumptions:

Vehicle Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
ght Auto	52.50	0.00	100.00	0.00
ght Truck < 3,750 lbs	15.90	0.00	100.00	0.00
ght Truck 3,751- 5,750	16.70	0.00	100.00	0.00
id Truck 5,751- 8,500	7.60	0.00	100.00	0.00
se-Heavy 8,501-10,000	1.00	0.00	80.00	20.00
se-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
id-Heavy 14,001-33,000	0.90	0.00	22.20	77.80
avy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
se Haul > 60,000 lbs	0.00	0.00	0.00	100.00
gan Bus	0.20	0.00	50.00	50.00
orcycle	1.50	33.30	66.70	0.00
ool Bus	0.10	0.00	0.00	100.00
or Home	2.60	0.00	92.30	7.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
gan Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
nal Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
op Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
of Trips - Residential	32.9	18.0	49.1			

of Trips - Commercial (by land use)

gnl shop. center	2.0	1.0	97.0
neral light industry	50.0	25.0	25.0

anges made to the default values for Land Use Trip Percentages

» Trip Rate and/or Acreage values for Single family housing
ave changed from the defaults 9.57/372. to 8.9/372.

anges made to the default values for Area

» landscape year changed from 2005 to 2020.

anges made to the default values for Operations

» operational emission year changed from 2005 to 2030.

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\YuccaValley.urb
 Project Name: Yucca Valley Specific Plan
 Project Location: Mountain Counties and Rural Counties
 -Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Pounds/Day - Summer)

EA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	2.79	37.49	25.70	0	0.07
Earth - No summer emissions					
Landscaping	4.42	0.58	35.30	0.22	0.11
Consumer Prdcts	54.60	-	-	-	-
Architectural Coatings	78.66	-	-	-	-
TOTALS (lbs/day, unmitigated)	140.47	38.07	61.00	0.22	0.18

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
single family housing	22.71	33.25	275.34	0.90	160.26
gnl shop. center	116.28	162.43	1,318.62	4.18	746.87
neral light industry	53.73	81.30	665.74	2.20	392.26
TOTAL EMISSIONS (lbs/day)	192.73	276.98	2,259.69	7.28	1,299.38

es not include correction for passby trips.
 es not include double counting adjustment for internal trips.

PERATIONAL (Vehicle) EMISSION ESTIMATES

alysis Year: 2030 Temperature (F): 60 Season: Summer

FAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Land Use Type	Acreeage	Trip Rate	No. Units	Total Trips
single family housing	372.00	8.90 trips/dwelling unit	1,116.00	9,932.40
gnl shop. center		31.14 trips/1000 sq. ft.	2,348.7773	140.70
neral light industry		44.20 trips/1000 sq. ft.	551.8324	391.06
Sum of Total Trips				107,464.16
Total Vehicle Miles Traveled				860,460.97

Vehicle Assumptions:

Vehicle Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
ght Auto	52.50	0.00	100.00	0.00
ght Truck < 3,750 lbs	15.90	0.00	100.00	0.00
ght Truck 3,751- 5,750	16.70	0.00	100.00	0.00
id Truck 5,751- 8,500	7.60	0.00	100.00	0.00
se-Heavy 8,501-10,000	1.00	0.00	80.00	20.00
se-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
id-Heavy 14,001-33,000	0.90	0.00	22.20	77.80
avy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
se Haul > 60,000 lbs	0.00	0.00	0.00	100.00
van Bus	0.20	0.00	50.00	50.00
orcycle	1.50	33.30	66.70	0.00
ool Bus	0.10	0.00	0.00	100.00
or Home	2.60	0.00	92.30	7.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
van Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
ral Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
op Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
of Trips - Residential	32.9	18.0	49.1			
of Trips - Commercial (by land use)						
gnl shop. center				2.0	1.0	97.0
neral light industry				50.0	25.0	25.0

anges made to the default values for Land Use Trip Percentages

» Trip Rate and/or Acreage values for Single family housing
ave changed from the defaults 9.57/372. to 8.9/372.

anges made to the default values for Area

» landscape year changed from 2005 to 2020.

anges made to the default values for Operations

» operational emission year changed from 2005 to 2030.

URBEMIS 2002 For Windows 8.7.0

File Name: H:\COMMON\MC Files\URBEMIS2002v8.7\YuccaValley.urb
Project Name: Yucca Valley Specific Plan
Project Location: Mountain Counties and Rural Counties
Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

EA SOURCE EMISSION ESTIMATES (Tons per Year, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.51	6.84	4.69	0.00	0.01
Dust	25.96	0.69	47.41	0.11	7.06
Landscaping	0.40	0.05	3.18	0.02	0.01
Consumer Prdcts	9.96	-	-	-	-
Architectural Coatings	10.38	-	-	-	-
TOTALS (tpy, unmitigated)	47.21	7.58	55.28	0.13	7.09

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
single family housing	4.50	6.47	52.43	0.16	29.25
gnl shop. center	22.63	31.57	254.36	0.76	136.30
general light industry	10.73	15.82	126.65	0.40	71.59
TOTAL EMISSIONS (tons/yr)	37.86	53.86	433.44	1.33	237.14

es not include correction for passby trips.
 es not include double counting adjustment for internal trips.

PERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2030 Season: Annual

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Land Use Type	Acreage	Trip Rate	No. Units	Total Trips
single family housing	372.00	8.90 trips/dwelling unit	1,116.00	9,932.40
gnl shop. center		31.14 trips/1000 sq. ft.	2,348.7773	140.70
general light industry		44.20 trips/1000 sq. ft.	551.8324	391.06
Sum of Total Trips				107,464.16
Total Vehicle Miles Traveled				860,460.97

Vehicle Assumptions:

Vehicle Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	52.50	0.00	100.00	0.00
Light Truck < 3,750 lbs	15.90	0.00	100.00	0.00
Light Truck 3,751- 5,750 lbs	16.70	0.00	100.00	0.00
Medium Truck 5,751- 8,500 lbs	7.60	0.00	100.00	0.00
Medium-Heavy 8,501-10,000 lbs	1.00	0.00	80.00	20.00
Medium-Heavy 10,001-14,000 lbs	0.30	0.00	66.70	33.30
Medium-Heavy 14,001-33,000 lbs	0.90	0.00	22.20	77.80
Heavy-Heavy 33,001-60,000 lbs	0.70	0.00	0.00	100.00
Heavy Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Van Bus	0.20	0.00	50.00	50.00
Motorcycle	1.50	33.30	66.70	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	2.60	0.00	92.30	7.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Van Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
Light Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Top Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
of Trips - Residential	32.9	18.0	49.1			
of Trips - Commercial (by land use)						
gnl shop. center				2.0	1.0	97.0
general light industry				50.0	25.0	25.0

anges made to the default values for Land Use Trip Percentages

» Trip Rate and/or Acreage values for Single family housing
ave changed from the defaults 9.57/372. to 8.9/372.

anges made to the default values for Area

» landscape year changed from 2005 to 2020.

anges made to the default values for Operations

» operational emission year changed from 2005 to 2030.

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Title : Mojave Desert Air Basin Avg 2030 Winter Default Title
 Version : Emfac2002 V2.2 Apr 23 2003
 Run Date : 08/08/06 11:02:25
 Scen Year: 2030 -- Model Years: 1985 to 2030
 Season : Winter
 Area : Mojave Desert AB

Year:2030 -- Model Years 1985 to 2030 Inclusive -- Winter
 Emfac2002 Emission Factors: V2.2 Apr 23 2003

Mojave Desert A Basin Average Basin
 Average

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 60F Relative Humidity:
 0%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.056	0.100	0.151	0.514	1.488	4.810	0.131
35	0.009	0.016	0.026	0.155	0.253	1.877	0.031

Pollutant Name: Carbon Monoxide Temperature: 60F Relative Humidity:
 0%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	1.020	1.563	2.130	5.112	16.440	23.832	1.652
35	0.605	0.909	1.136	1.069	3.131	15.462	0.878

Pollutant Name: Oxides of Nitrogen Temperature: 60F Relative Humidity:
 0%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.110	0.202	0.359	1.983	5.858	1.461	0.260
35	0.062	0.111	0.210	1.168	3.566	1.332	0.152

Pollutant Name: Carbon Dioxide Temperature: 60F Relative Humidity:
 0%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	943.670	1189.747	1704.753	2120.109	2408.650	266.309	1145.465
35	306.974	387.166	521.302	1539.075	1311.026	139.933	405.772

Pollutant Name: Sulfur Dioxide Temperature: 60F Relative Humidity:
 0%

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Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.009	0.011	0.016	0.020	0.023	0.003	0.011
35	0.003	0.004	0.005	0.015	0.013	0.002	0.004

Pollutant Name: PM2.5 Temperature: 60F Relative Humidity:
0%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.066	0.106	0.133	0.172	0.189	0.023	0.091
35	0.011	0.017	0.022	0.055	0.042	0.011	0.016

Pollutant Name: PM2.5 - Tire Wear Temperature: 60F Relative Humidity:
0%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.002	0.002	0.002	0.006	0.003	0.001	0.002
35	0.002	0.002	0.002	0.006	0.003	0.001	0.002

Pollutant Name: PM2.5 - Break Wear Temperature: 60F Relative Humidity:
0%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.005	0.005	0.005	0.005	0.005	0.005	0.005
35	0.005	0.005	0.005	0.005	0.005	0.005	0.005

Pollutant Name: Gasoline - mi/gal Temperature: 60F Relative Humidity:
0%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	9.369	7.424	5.111	3.514	3.453	26.481	8.304
35	28.770	22.794	16.929	17.761	17.471	50.171	25.493

Pollutant Name: Diesel - mi/gal Temperature: 60F Relative Humidity:
0%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	29.156	29.156	19.649	5.296	4.415	0.000	7.452
35	29.156	29.156	19.649	5.296	4.415	0.000	7.452

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Title : Mojave Desert Air Basin Avg 2030 Winter Default Title
 Version : Emfac2002 V2.2 Apr 23 2003
 Run Date : 08/08/06 11:02:25
 Scen Year: 2030 -- Model Years: 1985 to 2030
 Season : Winter
 Area : Mojave Desert AB

Year:2030 -- Model Years 1985 to 2030 Inclusive -- Winter
 Emfac2002 Emission Factors: V2.2 Apr 23 2003

Mojave Desert A Basin Average Basin
 Average

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 60F Relative Humidity:
 ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.007	0.012	0.045	0.092	0.286	0.859	0.024
10	0.014	0.024	0.089	0.180	0.557	1.049	0.042
20	0.028	0.047	0.172	0.341	1.057	1.415	0.076
30	0.040	0.069	0.251	0.483	1.498	1.762	0.107
40	0.052	0.088	0.325	0.606	1.881	2.091	0.136
50	0.063	0.106	0.394	0.711	2.206	2.401	0.163
60	0.072	0.123	0.459	0.797	2.473	2.626	0.187
120	0.111	0.184	0.706	0.760	2.358	2.705	0.257
180	0.085	0.144	0.607	0.807	2.502	2.448	0.218
240	0.090	0.152	0.645	0.851	2.642	2.603	0.231
300	0.096	0.161	0.683	0.895	2.777	2.755	0.244
360	0.101	0.170	0.721	0.937	2.907	2.904	0.257
420	0.106	0.178	0.758	0.977	3.033	3.050	0.270
480	0.111	0.187	0.795	1.017	3.154	3.193	0.283
540	0.116	0.195	0.831	1.054	3.270	3.333	0.295
600	0.121	0.203	0.868	1.090	3.382	3.469	0.308
660	0.126	0.212	0.904	1.125	3.490	3.603	0.320
720	0.130	0.220	0.939	1.158	3.593	3.733	0.332

Pollutant Name: Carbon Monoxide Temperature: 60F Relative Humidity:
 ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.131	0.209	0.584	1.528	3.429	3.349	0.292
10	0.258	0.413	1.153	2.994	6.719	4.328	0.557
20	0.503	0.805	2.252	5.739	12.881	6.189	1.063
30	0.736	1.174	3.296	8.236	18.485	7.919	1.539
40	0.956	1.522	4.286	10.485	23.532	9.516	1.985
50	1.163	1.848	5.221	12.486	28.022	10.983	2.400
60	1.357	2.152	6.101	14.238	31.955	12.318	2.784
120	2.119	3.259	9.391	12.064	27.077	16.472	3.919

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180	1.504	2.344	6.746	12.417	27.869	12.328	2.941
240	1.630	2.531	7.329	12.781	28.686	13.430	3.164
300	1.741	2.698	7.843	13.157	29.530	14.445	3.363
360	1.838	2.843	8.288	13.545	30.400	15.373	3.539
420	1.920	2.967	8.664	13.944	31.296	16.213	3.691
480	1.988	3.071	8.971	14.355	32.218	16.967	3.819
540	2.040	3.153	9.208	14.777	33.166	17.633	3.924
600	2.079	3.214	9.377	15.211	34.140	18.212	4.006
660	2.102	3.254	9.476	15.657	35.140	18.704	4.063
720	2.111	3.273	9.506	16.114	36.166	19.109	4.098

ALL Pollutant Name: Oxides of Nitrogen Temperature: 60F Relative Humidity:

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.052	0.095	0.674	0.305	1.192	0.165	0.157
10	0.056	0.102	0.715	0.460	1.796	0.207	0.172
20	0.062	0.114	0.789	0.732	2.857	0.281	0.199
30	0.067	0.124	0.852	0.954	3.721	0.343	0.221
40	0.071	0.132	0.905	1.125	4.389	0.391	0.239
50	0.074	0.139	0.947	1.246	4.861	0.427	0.253
60	0.077	0.144	0.978	1.316	5.136	0.449	0.263
120	0.083	0.155	1.063	1.336	5.213	0.454	0.282
180	0.087	0.161	1.073	1.331	5.193	0.452	0.286
240	0.086	0.160	1.065	1.324	5.164	0.445	0.284
300	0.085	0.158	1.051	1.313	5.125	0.437	0.281
360	0.083	0.155	1.033	1.301	5.075	0.426	0.276
420	0.081	0.152	1.010	1.285	5.016	0.413	0.270
480	0.079	0.148	0.981	1.268	4.946	0.399	0.264
540	0.077	0.143	0.948	1.247	4.866	0.383	0.255
600	0.073	0.137	0.909	1.224	4.776	0.365	0.246
660	0.070	0.131	0.865	1.198	4.676	0.345	0.235
720	0.066	0.124	0.816	1.170	4.566	0.323	0.224

ALL Pollutant Name: Carbon Dioxide Temperature: 60F Relative Humidity:

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	12.262	15.384	21.695	2.841	5.160	13.182	14.258
10	13.740	17.272	24.581	5.666	10.291	15.376	16.114
20	17.199	21.679	31.225	11.270	20.468	19.683	20.398
30	21.330	26.926	39.035	16.810	30.531	23.885	25.445
40	26.133	33.014	48.010	22.288	40.480	27.979	31.255
50	31.609	39.941	58.150	27.703	50.314	31.967	37.827
60	37.756	47.708	69.455	33.055	60.034	35.848	45.162
120	88.200	111.154	159.959	56.220	102.108	53.275	104.123
180	100.087	126.172	181.804	66.420	120.633	57.529	118.272
240	111.962	141.165	203.562	76.018	138.065	61.533	132.373
300	123.824	156.135	225.231	85.014	154.403	65.288	146.424
360	135.673	171.079	246.813	93.407	169.648	68.793	160.427
420	147.510	186.000	268.306	101.199	183.799	72.048	174.381
480	159.333	200.896	289.712	108.389	196.857	75.053	188.286
540	171.144	215.767	311.029	114.976	208.822	77.809	202.142
600	182.942	230.614	332.259	120.962	219.693	80.315	215.949
660	194.728	245.437	353.401	126.346	229.471	82.571	229.708

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720 206.500 260.235 374.454 131.127 238.156 84.578 243.417

Pollutant Name: Sulfur Dioxide Temperature: 60F Relative Humidity:
 ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.001	0.000	0.000
40	0.000	0.000	0.001	0.000	0.001	0.001	0.000
50	0.000	0.000	0.001	0.000	0.001	0.001	0.000
60	0.000	0.000	0.001	0.001	0.001	0.001	0.000
120	0.001	0.001	0.002	0.001	0.002	0.001	0.001
180	0.001	0.001	0.002	0.001	0.002	0.001	0.001
240	0.001	0.001	0.002	0.001	0.002	0.001	0.001
300	0.001	0.002	0.002	0.001	0.002	0.001	0.001
360	0.001	0.002	0.003	0.001	0.002	0.001	0.002
420	0.001	0.002	0.003	0.001	0.002	0.001	0.002
480	0.002	0.002	0.003	0.001	0.003	0.001	0.002
540	0.002	0.002	0.003	0.001	0.003	0.001	0.002
600	0.002	0.002	0.003	0.001	0.003	0.001	0.002
660	0.002	0.002	0.004	0.002	0.003	0.001	0.002
720	0.002	0.003	0.004	0.002	0.003	0.001	0.002

Pollutant Name: PM2.5 Temperature: 60F Relative Humidity:
 ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.000	0.001	0.005	0.001
10	0.001	0.002	0.002	0.001	0.002	0.005	0.002
20	0.002	0.004	0.004	0.001	0.003	0.004	0.003
30	0.003	0.005	0.006	0.002	0.004	0.003	0.004
40	0.004	0.007	0.008	0.003	0.006	0.003	0.006
50	0.005	0.009	0.009	0.003	0.007	0.002	0.007
60	0.006	0.010	0.011	0.004	0.008	0.002	0.008
120	0.011	0.017	0.018	0.005	0.010	0.005	0.013
180	0.012	0.019	0.020	0.005	0.011	0.006	0.015
240	0.013	0.020	0.022	0.005	0.011	0.008	0.016
300	0.014	0.022	0.024	0.005	0.011	0.010	0.018
360	0.015	0.023	0.025	0.006	0.012	0.011	0.019
420	0.015	0.024	0.026	0.006	0.012	0.012	0.020
480	0.016	0.025	0.027	0.006	0.012	0.013	0.020
540	0.016	0.026	0.028	0.006	0.013	0.014	0.021
600	0.017	0.026	0.028	0.006	0.013	0.014	0.021
660	0.017	0.026	0.029	0.006	0.013	0.015	0.021
720	0.017	0.026	0.029	0.007	0.014	0.015	0.021

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Version : Emfac2002 V2.2 Apr 23 2003
 Run Date : 08/08/06 11:02:25
 Scen Year: 2030 -- Model Years: 1985 to 2030
 Season : winter
 Area : Mojave Desert AB

 Year:2030 -- Model Years 1985 to 2030 Inclusive -- Winter
 Emfac2002 Emission Factors: V2.2 Apr 23 2003

Mojave Desert A Basin Average Basin
 Average

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 60F Relative Humidity:
 ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.007	0.012	0.012	0.004	0.024	0.059	0.010
10	0.013	0.024	0.023	0.007	0.046	0.114	0.019
20	0.025	0.046	0.045	0.014	0.084	0.215	0.036
30	0.036	0.066	0.066	0.020	0.116	0.307	0.052
40	0.041	0.076	0.076	0.023	0.130	0.351	0.060

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : Mojave Desert Air Basin Avg 2030 winter Default Title
 Version : Emfac2002 V2.2 Apr 23 2003
 Run Date : 08/08/06 11:02:25
 Scen Year: 2030 -- Model Years: 1985 to 2030
 Season : winter
 Area : Mojave Desert AB

 Year:2030 -- Model Years 1985 to 2030 Inclusive -- Winter
 Emfac2002 Emission Factors: V2.2 Apr 23 2003

Mojave Desert A Basin Average Basin
 Average

Table 5a: Partial Day Diurnal Loss Emissions
 (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity:
 ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
60	0.000	0.000	0.000	0.000	0.000	0.035	0.001

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Title : Mojave Desert Air Basin Avg 2030 Winter Default Title
 Version : Emfac2002 V2.2 Apr 23 2003
 Run Date : 08/08/06 11:02:25
 Scen Year: 2030 -- Model Years: 1985 to 2030
 Season : Winter
 Area : Mojave Desert AB

Year:2030 -- Model Years 1985 to 2030 Inclusive -- Winter
 Emfac2002 Emission Factors: V2.2 Apr 23 2003

Mojave Desert A Basin Average Basin
 Average

Table 5b: Multi-Day Diurnal Loss Emissions

(grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity:
 ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
60	0.000	0.000	0.000	0.000	0.000	0.003	0.000

Title : Mojave Desert Air Basin Avg 2030 Winter Default Title
 Version : Emfac2002 V2.2 Apr 23 2003
 Run Date : 08/08/06 11:02:25
 Scen Year: 2030 -- Model Years: 1985 to 2030
 Season : Winter
 Area : Mojave Desert AB

Year:2030 -- Model Years 1985 to 2030 Inclusive -- Winter
 Emfac2002 Emission Factors: V2.2 Apr 23 2003

Mojave Desert A Basin Average Basin
 Average

Table 6a: Partial Day Resting Loss Emissions

(grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity:
 ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
60	0.007	0.017	0.022	0.001	0.001	0.040	0.012

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Title : Mojave Desert Air Basin Avg 2030 Winter Default Title
 Version : Emfac2002 V2.2 Apr 23 2003
 Run Date : 08/08/06 11:02:25
 Scen Year: 2030 -- Model Years: 1985 to 2030
 Season : Winter
 Area : Mojave Desert AB

Year:2030 -- Model Years 1985 to 2030 Inclusive -- Winter
 Emfac2002 Emission Factors: V2.2 Apr 23 2003

Mojave Desert A Basin Average Basin
 Average

Table 6b: Multi-Day Resting Loss Emissions

(grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity:
 ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
60	0.001	0.001	0.001	0.000	0.000	0.004	0.001

Title : Mojave Desert Air Basin Avg 2030 Winter Default Title
 Version : Emfac2002 V2.2 Apr 23 2003
 Run Date : 08/08/06 11:02:25
 Scen Year: 2030 -- Model Years: 1985 to 2030
 Season : Winter
 Area : Mojave Desert AB

Year:2030 -- Model Years 1985 to 2030 Inclusive -- Winter
 Emfac2002 Emission Factors: V2.2 Apr 23 2003

Mojave Desert A Basin Average Basin
 Average

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity:
 ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.496	0.371	0.084	0.041	0.002	0.006	1.000
%TRIP	0.476	0.353	0.128	0.034	0.000	0.008	1.000
%VEH	0.487	0.366	0.080	0.039	0.001	0.027	1.000

yucca.rts

Title : Mojave Desert Air Basin Avg 2030 winter Default Title
 Version : Emfac2002 V2.2 Apr 23 2003
 Run Date : 08/08/06 11:02:25
 Scen Year: 2030 -- Model Years: 1985 to 2030
 Season : Winter
 Area : Mojave Desert AB

Year:2030 -- Model Years 1985 to 2030 Inclusive -- Winter
 Emfac2002 Emission Factors: V2.2 Apr 23 2003

Mojave Desert A Basin Average Basin
 Average

Table 8: Evaporative Running Loss Emissions

(grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 60F Relative Humidity:
 ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.006	0.154	0.272	0.243	0.661	0.003	0.094
2	0.005	0.080	0.141	0.125	0.340	0.037	0.050
3	0.006	0.057	0.099	0.086	0.234	0.055	0.037
4	0.007	0.047	0.080	0.067	0.183	0.067	0.031
5	0.008	0.041	0.068	0.056	0.152	0.075	0.028
10	0.011	0.031	0.047	0.034	0.094	0.095	0.023
15	0.013	0.029	0.042	0.027	0.078	0.106	0.023
20	0.014	0.029	0.042	0.024	0.073	0.115	0.023
25	0.015	0.030	0.042	0.023	0.072	0.123	0.024
30	0.015	0.031	0.043	0.023	0.075	0.128	0.025
35	0.016	0.033	0.045	0.023	0.078	0.133	0.026
40	0.016	0.034	0.046	0.023	0.080	0.138	0.027
45	0.017	0.035	0.047	0.023	0.083	0.143	0.027
50	0.018	0.036	0.048	0.023	0.085	0.148	0.028
55	0.018	0.037	0.049	0.023	0.088	0.152	0.029
60	0.019	0.038	0.050	0.024	0.090	0.156	0.030

01.CaminoDelCielo & SR-62.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Camino Del Cielo and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.5 PPM
 SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)				*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1	Y1	X2	Y2	*					
A. Y SB1	*	684	1256	711	1201	*	AG	876	.9	.0	20.3
B. Y SB2	*	711	1201	746	1134	*	AG	840	1.6	.0	20.3
C. Y SB3	*	746	1134	800	1025	*	AG	850	.9	.0	20.3
D. Y SB4	*	800	1025	859	906	*	AG	850	.9	.0	20.3
E. Y NB1	*	869	911	814	1025	*	AG	208	.9	.0	20.3
F. Y NB2	*	815	1025	761	1138	*	AG	11	1.6	.0	20.3
G. Y NB3	*	761	1138	729	1205	*	AG	470	.9	.0	20.3
H. Y NB4	*	729	1205	701	1264	*	AG	470	.9	.0	20.3
I. Y LT1	*	721	1198	754	1135	*	AG	36	1.6	.0	20.3
J. Y LT2	*	754	1135	802	1039	*	AG	197	1.6	.0	20.3
K. X EB1	*	596	1103	683	1125	*	AG	2152	.9	.0	27.5
L. X EB2	*	683	1125	751	1141	*	AG	1693	1.6	.0	27.5
M. X EB3	*	751	1141	827	1159	*	AG	1729	.9	.0	27.5
N. X EB4	*	827	1159	923	1182	*	AG	1729	.9	.0	27.5
O. X WB1	*	925	1170	832	1147	*	AG	2151	.9	.0	27.5
P. X WB2	*	832	1147	758	1128	*	AG	2141	1.6	.0	27.5
Q. X WB3	*	758	1128	688	1112	*	AG	2338	.9	.0	27.5
R. X WB4	*	688	1112	599	1090	*	AG	2338	.9	.0	27.5
S. X LT1	*	675	1115	754	1135	*	AG	459	1.6	.0	27.5
T. X LT2	*	754	1135	842	1157	*	AG	10	1.6	.0	27.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

01.CaminoDelCielo & SR-62.txt
 JOB: Camino Del Cielo and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)		
	*	X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* * * *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM)				H
	*		*		*				D	E	F	G	
1. Recpt 1	*	301.	*	2.7	*	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	107.	*	2.7	*	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	5.	*	2.7	*	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	230.	*	2.7	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	CONC/LINK (PPM)											
	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

02.Kickapoo & SR-62.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Camino Del Cielo and SR-62
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= 2.5 PPM
SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (M)				*		EF	H	W	
DESCRIPTION	*	X1	Y1	X2	Y2	*	TYPE	(G/MI)	(M)	(M)	
A. Y SB1	*	684	1256	711	1201	*	AG	179	.9	.0	27.5
B. Y SB2	*	711	1201	746	1134	*	AG	138	1.6	.0	27.5
C. Y SB3	*	746	1134	800	1025	*	AG	199	.9	.0	27.5
D. Y SB4	*	800	1025	859	906	*	AG	199	.9	.0	27.5
E. Y NB1	*	869	911	814	1025	*	AG	892	.9	.0	27.5
F. Y NB2	*	815	1025	761	1138	*	AG	239	1.6	.0	27.5
G. Y NB3	*	761	1138	729	1205	*	AG	342	.9	.0	27.5
H. Y NB4	*	729	1205	701	1264	*	AG	342	.9	.0	27.5
I. Y LT1	*	721	1198	754	1135	*	AG	41	1.6	.0	27.5
J. Y LT2	*	754	1135	802	1039	*	AG	653	1.6	.0	27.5
K. X EB1	*	596	1103	683	1125	*	AG	1698	.9	.0	27.5
L. X EB2	*	683	1125	751	1141	*	AG	1649	1.6	.0	27.5
M. X EB3	*	751	1141	827	1159	*	AG	1690	.9	.0	27.5
N. X EB4	*	827	1159	923	1182	*	AG	1690	.9	.0	27.5
O. X WB1	*	925	1170	832	1147	*	AG	1625	.9	.0	27.5
P. X WB2	*	832	1147	758	1128	*	AG	1564	1.6	.0	27.5
Q. X WB3	*	758	1128	688	1112	*	AG	2217	.9	.0	27.5
R. X WB4	*	688	1112	599	1090	*	AG	2217	.9	.0	27.5
S. X LT1	*	675	1115	754	1135	*	AG	49	1.6	.0	27.5
T. X LT2	*	754	1135	842	1157	*	AG	61	1.6	.0	27.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

02.Kickapoo & SR-62.txt
 JOB: Camino Del Cielo and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	292.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	121.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	51.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	182.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

03. Kickapoo & Santa Fe.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Kickapoo Trail and Santa Fe Trail
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= 2.5 PPM
SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)				*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1	Y1	X2	Y2	*					
A. Y SB1	*	684	1256	711	1201	*	AG	540	.9	.0	20.3
B. Y SB2	*	711	1201	746	1134	*	AG	169	1.6	.0	20.3
C. Y SB3	*	746	1134	800	1025	*	AG	245	.9	.0	20.3
D. Y SB4	*	800	1025	859	906	*	AG	245	.9	.0	20.3
E. Y NB1	*	869	911	814	1025	*	AG	420	.9	.0	20.3
F. Y NB2	*	815	1025	761	1138	*	AG	408	1.6	.0	20.3
G. Y NB3	*	761	1138	729	1205	*	AG	427	.9	.0	20.3
H. Y NB4	*	729	1205	701	1264	*	AG	427	.9	.0	20.3
I. Y LT1	*	721	1198	754	1135	*	AG	371	1.6	.0	20.3
J. Y LT2	*	754	1135	802	1039	*	AG	12	1.6	.0	20.3
K. X EB1	*	596	1103	683	1125	*	AG	42	.9	.0	20.3
L. X EB2	*	683	1125	751	1141	*	AG	23	1.6	.0	20.3
M. X EB3	*	751	1141	827	1159	*	AG	394	.9	.0	20.3
N. X EB4	*	827	1159	923	1182	*	AG	394	.9	.0	20.3
O. X WB1	*	925	1170	832	1147	*	AG	549	.9	.0	20.3
P. X WB2	*	832	1147	758	1128	*	AG	473	1.6	.0	20.3
Q. X WB3	*	758	1128	688	1112	*	AG	485	.9	.0	20.3
R. X WB4	*	688	1112	599	1090	*	AG	485	.9	.0	20.3
S. X LT1	*	675	1115	754	1135	*	AG	19	1.6	.0	20.3
T. X LT2	*	754	1135	842	1157	*	AG	76	1.6	.0	20.3

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

03. Kickapoo & Santa Fe.txt
 JOB: Kickapoo Trail and Santa Fe Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC * (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	312.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	98.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	51.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	178.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

10.Pioneertown & SR-62.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Pioneer Town and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.5 PPM
 SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)				*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1	Y1	X2	Y2	*					
A. Y SB1	*	684	1256	711	1201	*	AG	757	.9	.0	20.3
B. Y SB2	*	711	1201	746	1134	*	AG	596	1.6	.0	20.3
C. Y SB3	*	746	1134	800	1025	*	AG	792	.9	.0	20.3
D. Y SB4	*	800	1025	859	906	*	AG	792	.9	.0	20.3
E. Y NB1	*	869	911	814	1025	*	AG	634	.9	.0	20.3
F. Y NB2	*	815	1025	761	1138	*	AG	451	1.6	.0	20.3
G. Y NB3	*	761	1138	729	1205	*	AG	695	.9	.0	20.3
H. Y NB4	*	729	1205	701	1264	*	AG	695	.9	.0	20.3
I. Y LT1	*	721	1198	754	1135	*	AG	161	1.6	.0	20.3
J. Y LT2	*	754	1135	802	1039	*	AG	183	1.6	.0	20.3
K. X EB1	*	596	1103	683	1125	*	AG	1656	.9	.0	34.7
L. X EB2	*	683	1125	751	1141	*	AG	1412	1.6	.0	34.7
M. X EB3	*	751	1141	827	1159	*	AG	1573	.9	.0	34.7
N. X EB4	*	827	1159	923	1182	*	AG	1573	.9	.0	34.7
O. X WB1	*	925	1170	832	1147	*	AG	1420	.9	.0	34.7
P. X WB2	*	832	1147	758	1128	*	AG	1224	1.6	.0	34.7
Q. X WB3	*	758	1128	688	1112	*	AG	1407	.9	.0	34.7
R. X WB4	*	688	1112	599	1090	*	AG	1407	.9	.0	34.7
S. X LT1	*	675	1115	754	1135	*	AG	244	1.6	.0	34.7
T. X LT2	*	754	1135	842	1157	*	AG	196	1.6	.0	34.7

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

10.Pioneertown & SR-62.txt
 JOB: Pioneer Town and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	302.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	105.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	52.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	230.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

12.DeerTr-SantaFeTr.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Deer Trail and Santa Fe Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.5 PPM
 SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* * * *	LINK COORDINATES (M)	* * * *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	* * * *	X1 Y1 X2 Y2	* * * *					
A. Y SB1	*	684 1256	711 1201	AG	397	.9	.0	20.3
B. Y SB2	*	711 1201	746 1134	AG	276	1.6	.0	20.3
C. Y SB3	*	746 1134	800 1025	AG	191	.9	.0	20.3
D. Y SB4	*	800 1025	859 906	AG	191	.9	.0	20.3
E. Y NB1	*	869 911	814 1025	AG	263	.9	.0	20.3
F. Y NB2	*	815 1025	761 1138	AG	147	1.6	.0	20.3
G. Y NB3	*	761 1138	729 1205	AG	271	.9	.0	20.3
H. Y NB4	*	729 1205	701 1264	AG	271	.9	.0	20.3
I. Y LT1	*	721 1198	754 1135	AG	121	1.6	.0	20.3
J. Y LT2	*	754 1135	802 1039	AG	116	1.6	.0	20.3
K. X EB1	*	596 1103	683 1125	AG	1046	.9	.0	20.3
L. X EB2	*	683 1125	751 1141	AG	891	1.6	.0	20.3
M. X EB3	*	751 1141	827 1159	AG	1012	.9	.0	20.3
N. X EB4	*	827 1159	923 1182	AG	1012	.9	.0	20.3
O. X WB1	*	925 1170	832 1147	AG	812	.9	.0	20.3
P. X WB2	*	832 1147	758 1128	AG	742	1.6	.0	20.3
Q. X WB3	*	758 1128	688 1112	AG	858	.9	.0	20.3
R. X WB4	*	688 1112	599 1090	AG	858	.9	.0	20.3
S. X LT1	*	675 1115	754 1135	AG	155	1.6	.0	20.3
T. X LT2	*	754 1135	842 1157	AG	70	1.6	.0	20.3

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

12.DeerTr-SantaFeTr.txt
 JOB: Deer Trail and Santa Fe Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC * (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	302.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	108.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	6.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	229.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

17.Mohawk-Tacoma & SR-62.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Mohawk/Tacoma and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.5 PPM
 SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)				*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1	Y1	X2	Y2	*					
A. Y SB1	*	684	1256	711	1201	*	AG	393	.9	.0	27.5
B. Y SB2	*	711	1201	746	1134	*	AG	279	1.6	.0	27.5
C. Y SB3	*	746	1134	800	1025	*	AG	830	.9	.0	27.5
D. Y SB4	*	800	1025	859	906	*	AG	830	.9	.0	27.5
E. Y NB1	*	869	911	814	1025	*	AG	810	.9	.0	27.5
F. Y NB2	*	815	1025	761	1138	*	AG	615	1.6	.0	27.5
G. Y NB3	*	761	1138	729	1205	*	AG	660	.9	.0	27.5
H. Y NB4	*	729	1205	701	1264	*	AG	660	.9	.0	27.5
I. Y LT1	*	721	1198	754	1135	*	AG	114	1.6	.0	27.5
J. Y LT2	*	754	1135	802	1039	*	AG	195	1.6	.0	27.5
K. X EB1	*	596	1103	683	1125	*	AG	1726	.9	.0	34.7
L. X EB2	*	683	1125	751	1141	*	AG	1681	1.6	.0	34.7
M. X EB3	*	751	1141	827	1159	*	AG	1795	.9	.0	34.7
N. X EB4	*	827	1159	923	1182	*	AG	1795	.9	.0	34.7
O. X WB1	*	925	1170	832	1147	*	AG	1881	.9	.0	34.7
P. X WB2	*	832	1147	758	1128	*	AG	1330	1.6	.0	34.7
Q. X WB3	*	758	1128	688	1112	*	AG	1525	.9	.0	34.7
R. X WB4	*	688	1112	599	1090	*	AG	1525	.9	.0	34.7
S. X LT1	*	675	1115	754	1135	*	AG	45	1.6	.0	34.7
T. X LT2	*	754	1135	842	1157	*	AG	551	1.6	.0	34.7

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

17.Mohawk-Tacoma & SR-62.txt
 JOB: Mohawk/Tacoma and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC * (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	301.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	106.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	53.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	179.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

18.Church & SR-62.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Church Street and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.5 PPM
 SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)				* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	* *	X1	Y1	X2	Y2	* *					
A. Y SB1	*	684	1256	711	1201	*	AG	243	.9	.0	20.3
B. Y SB2	*	711	1201	746	1134	*	AG	165	1.6	.0	20.3
C. Y SB3	*	746	1134	800	1025	*	AG	393	.9	.0	20.3
D. Y SB4	*	800	1025	859	906	*	AG	393	.9	.0	20.3
E. Y NB1	*	869	911	814	1025	*	AG	366	.9	.0	20.3
F. Y NB2	*	815	1025	761	1138	*	AG	255	1.6	.0	20.3
G. Y NB3	*	761	1138	729	1205	*	AG	410	.9	.0	20.3
H. Y NB4	*	729	1205	701	1264	*	AG	410	.9	.0	20.3
I. Y LT1	*	721	1198	754	1135	*	AG	78	1.6	.0	20.3
J. Y LT2	*	754	1135	802	1039	*	AG	111	1.6	.0	20.3
K. X EB1	*	596	1103	683	1125	*	AG	1046	.9	.0	27.5
L. X EB2	*	683	1125	751	1141	*	AG	891	1.6	.0	27.5
M. X EB3	*	751	1141	827	1159	*	AG	969	.9	.0	27.5
N. X EB4	*	827	1159	923	1182	*	AG	969	.9	.0	27.5
O. X WB1	*	925	1170	832	1147	*	AG	1871	.9	.0	27.5
P. X WB2	*	832	1147	758	1128	*	AG	1643	1.6	.0	27.5
Q. X WB3	*	758	1128	688	1112	*	AG	1754	.9	.0	27.5
R. X WB4	*	688	1112	599	1090	*	AG	1754	.9	.0	27.5
S. X LT1	*	675	1115	754	1135	*	AG	155	1.6	.0	27.5
T. X LT2	*	754	1135	842	1157	*	AG	228	1.6	.0	27.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

18.Church & SR-62.txt
 JOB: Church Street and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	302.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	104.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	52.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	179.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

19.PalmSouth & SR-62.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Palm South and SR-62
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= 2.5 PPM
SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)				*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1	Y1	X2	Y2	*					
A. Y SB1	*	684	1256	711	1201	*	AG	0	.9	.0	13.1
B. Y SB2	*	711	1201	746	1134	*	AG	0	1.6	.0	13.1
C. Y SB3	*	746	1134	800	1025	*	AG	57	.9	.0	13.1
D. Y SB4	*	800	1025	859	906	*	AG	57	.9	.0	13.1
E. Y NB1	*	869	911	814	1025	*	AG	89	.9	.0	13.1
F. Y NB2	*	815	1025	761	1138	*	AG	48	1.6	.0	13.1
G. Y NB3	*	761	1138	729	1205	*	AG	0	.9	.0	13.1
H. Y NB4	*	729	1205	701	1264	*	AG	0	.9	.0	13.1
I. Y LT1	*	721	1198	754	1135	*	AG	0	1.6	.0	13.1
J. Y LT2	*	754	1135	802	1039	*	AG	41	1.6	.0	13.1
K. X EB1	*	596	1103	683	1125	*	AG	2193	.9	.0	27.5
L. X EB2	*	683	1125	751	1141	*	AG	2193	1.6	.0	27.5
M. X EB3	*	751	1141	827	1159	*	AG	2193	.9	.0	27.5
N. X EB4	*	827	1159	923	1182	*	AG	2193	.9	.0	27.5
O. X WB1	*	925	1170	832	1147	*	AG	1734	.9	.0	27.5
P. X WB2	*	832	1147	758	1128	*	AG	1677	1.6	.0	27.5
Q. X WB3	*	758	1128	688	1112	*	AG	1718	.9	.0	27.5
R. X WB4	*	688	1112	599	1090	*	AG	1718	.9	.0	27.5
S. X LT1	*	675	1115	754	1135	*	AG	0	1.6	.0	27.5
T. X LT2	*	754	1135	842	1157	*	AG	57	1.6	.0	27.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

19.PalmSouth & SR-62.txt
 JOB: Palm South and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC * (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	295.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	113.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	51.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	230.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

20.PalmNorth & SR-62.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Palm North and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.5 PPM
 SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)	*	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*			
	*		*			
A. Y SB1	*	684 1256 711 1201	*	.9	.0	13.1
B. Y SB2	*	711 1201 746 1134	*	1.6	.0	13.1
C. Y SB3	*	746 1134 800 1025	*	.9	.0	13.1
D. Y SB4	*	800 1025 859 906	*	.9	.0	13.1
E. Y NB1	*	869 911 814 1025	*	.9	.0	13.1
F. Y NB2	*	815 1025 761 1138	*	1.6	.0	13.1
G. Y NB3	*	761 1138 729 1205	*	.9	.0	13.1
H. Y NB4	*	729 1205 701 1264	*	.9	.0	13.1
I. Y LT1	*	721 1198 754 1135	*	1.6	.0	13.1
J. Y LT2	*	754 1135 802 1039	*	1.6	.0	13.1
K. X EB1	*	596 1103 683 1125	*	.9	.0	27.5
L. X EB2	*	683 1125 751 1141	*	1.6	.0	27.5
M. X EB3	*	751 1141 827 1159	*	.9	.0	27.5
N. X EB4	*	827 1159 923 1182	*	.9	.0	27.5
O. X WB1	*	925 1170 832 1147	*	.9	.0	27.5
P. X WB2	*	832 1147 758 1128	*	1.6	.0	27.5
Q. X WB3	*	758 1128 688 1112	*	.9	.0	27.5
R. X WB4	*	688 1112 599 1090	*	.9	.0	27.5
S. X LT1	*	675 1115 754 1135	*	1.6	.0	27.5
T. X LT2	*	754 1135 842 1157	*	1.6	.0	27.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

20.PalmNorth & SR-62.txt
 JOB: Palm North and SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	301.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	106.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	51.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	230.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

22.Sage 7 Onaga.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Sage Avenue and Onaga Trail
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= 2.5 PPM
SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* * *	LINK COORDINATES (M)				* * *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	* * *	X1	Y1	X2	Y2	* * *					
A. Y SB1	* * *	684	1256	711	1201	* * *	AG	240	.9	.0	23.9
B. Y SB2	* * *	711	1201	746	1134	* * *	AG	170	1.6	.0	23.9
C. Y SB3	* * *	746	1134	800	1025	* * *	AG	209	.9	.0	23.9
D. Y SB4	* * *	800	1025	859	906	* * *	AG	209	.9	.0	23.9
E. Y NB1	* * *	869	911	814	1025	* * *	AG	161	.9	.0	23.9
F. Y NB2	* * *	815	1025	761	1138	* * *	AG	100	1.6	.0	23.9
G. Y NB3	* * *	761	1138	729	1205	* * *	AG	110	.9	.0	23.9
H. Y NB4	* * *	729	1205	701	1264	* * *	AG	110	.9	.0	23.9
I. Y LT1	* * *	721	1198	754	1135	* * *	AG	70	1.6	.0	23.9
J. Y LT2	* * *	754	1135	802	1039	* * *	AG	61	1.6	.0	23.9
K. X EB1	* * *	596	1103	683	1125	* * *	AG	1218	.9	.0	20.3
L. X EB2	* * *	683	1125	751	1141	* * *	AG	1208	1.6	.0	20.3
M. X EB3	* * *	751	1141	827	1159	* * *	AG	1278	.9	.0	20.3
N. X EB4	* * *	827	1159	923	1182	* * *	AG	1278	.9	.0	20.3
O. X WB1	* * *	925	1170	832	1147	* * *	AG	953	.9	.0	20.3
P. X WB2	* * *	832	1147	758	1128	* * *	AG	914	1.6	.0	20.3
Q. X WB3	* * *	758	1128	688	1112	* * *	AG	975	.9	.0	20.3
R. X WB4	* * *	688	1112	599	1090	* * *	AG	975	.9	.0	20.3
S. X LT1	* * *	675	1115	754	1135	* * *	AG	10	1.6	.0	20.3
T. X LT2	* * *	754	1135	842	1157	* * *	AG	39	1.6	.0	20.3

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
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22.Sage 7 Onaga.txt
 JOB: Sage Avenue and Onaga Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	302.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	108.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	51.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	229.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

23.oldwoman & Paxton.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Old woman (SR-247) and Onaga Trail
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= 2.5 PPM
SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* * *	LINK COORDINATES (M)				* * *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	* * *	X1	Y1	X2	Y2	* * *					
A. Y SB1	* * *	684	1256	711	1201	* * *	AG	837	.9	.0	27.5
B. Y SB2	* * *	711	1201	746	1134	* * *	AG	724	1.6	.0	27.5
C. Y SB3	* * *	746	1134	800	1025	* * *	AG	983	.9	.0	27.5
D. Y SB4	* * *	800	1025	859	906	* * *	AG	983	.9	.0	27.5
E. Y NB1	* * *	869	911	814	1025	* * *	AG	822	.9	.0	27.5
F. Y NB2	* * *	815	1025	761	1138	* * *	AG	822	1.6	.0	27.5
G. Y NB3	* * *	761	1138	729	1205	* * *	AG	822	.9	.0	27.5
H. Y NB4	* * *	729	1205	701	1264	* * *	AG	822	.9	.0	27.5
I. Y LT1	* * *	721	1198	754	1135	* * *	AG	113	1.6	.0	27.5
J. Y LT2	* * *	754	1135	802	1039	* * *	AG	0	1.6	.0	27.5
K. X EB1	* * *	596	1103	683	1125	* * *	AG	0	.9	.0	9.8
L. X EB2	* * *	683	1125	751	1141	* * *	AG	0	1.6	.0	9.8
M. X EB3	* * *	751	1141	827	1159	* * *	AG	113	.9	.0	9.8
N. X EB4	* * *	827	1159	923	1182	* * *	AG	113	.9	.0	9.8
O. X WB1	* * *	925	1170	832	1147	* * *	AG	397	.9	.0	9.8
P. X WB2	* * *	832	1147	758	1128	* * *	AG	138	1.6	.0	9.8
Q. X WB3	* * *	758	1128	688	1112	* * *	AG	138	.9	.0	9.8
R. X WB4	* * *	688	1112	599	1090	* * *	AG	138	.9	.0	9.8
S. X LT1	* * *	675	1115	754	1135	* * *	AG	0	1.6	.0	9.8
T. X LT2	* * *	754	1135	842	1157	* * *	AG	259	1.6	.0	9.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
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23.Oldwoman & Paxton.txt
 JOB: Old Woman (SR-247) and Onaga Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC * (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	309.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	101.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	52.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	177.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

24.Oldwoman-Joshua.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Old woman SpringsRd and Joshua Ln
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.5 PPM
 SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)		
	*	X1	Y1	X2	Y2					
A. Y SB1	*	684	1256	711	1201	AG	772	.9	.0	31.1
B. Y SB2	*	711	1201	746	1134	AG	627	1.6	.0	31.1
C. Y SB3	*	746	1134	800	1025	AG	1093	.9	.0	31.1
D. Y SB4	*	800	1025	859	906	AG	1093	.9	.0	31.1
E. Y NB1	*	869	911	814	1025	AG	994	.9	.0	31.1
F. Y NB2	*	815	1025	761	1138	AG	851	1.6	.0	31.1
G. Y NB3	*	761	1138	729	1205	AG	933	.9	.0	31.1
H. Y NB4	*	729	1205	701	1264	AG	933	.9	.0	31.1
I. Y LT1	*	721	1198	754	1135	AG	145	1.6	.0	31.1
J. Y LT2	*	754	1135	802	1039	AG	143	1.6	.0	31.1
K. X EB1	*	596	1103	683	1125	AG	1982	.9	.0	34.7
L. X EB2	*	683	1125	751	1141	AG	1900	1.6	.0	34.7
M. X EB3	*	751	1141	827	1159	AG	2045	.9	.0	34.7
N. X EB4	*	827	1159	923	1182	AG	2045	.9	.0	34.7
O. X WB1	*	925	1170	832	1147	AG	1600	.9	.0	34.7
P. X WB2	*	832	1147	758	1128	AG	1134	1.6	.0	34.7
Q. X WB3	*	758	1128	688	1112	AG	1277	.9	.0	34.7
R. X WB4	*	688	1112	599	1090	AG	1277	.9	.0	34.7
S. X LT1	*	675	1115	754	1135	AG	82	1.6	.0	34.7
T. X LT2	*	754	1135	842	1157	AG	466	1.6	.0	34.7

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

24.Oldwoman-Joshua.txt
 JOB: Old woman SpringsRd and Joshua Ln
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	302.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	107.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	53.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	178.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

25.Joshua & Yucca.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Joshua Lane and Yucca Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.5 PPM
 SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)				* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
		X1	Y1	X2	Y2						
A. Y SB1	*	684	1256	711	1201	*	AG	895	.9	.0	27.5
B. Y SB2	*	711	1201	746	1134	*	AG	720	1.6	.0	27.5
C. Y SB3	*	746	1134	800	1025	*	AG	911	.9	.0	27.5
D. Y SB4	*	800	1025	859	906	*	AG	911	.9	.0	27.5
E. Y NB1	*	869	911	814	1025	*	AG	961	.9	.0	27.5
F. Y NB2	*	815	1025	761	1138	*	AG	935	1.6	.0	27.5
G. Y NB3	*	761	1138	729	1205	*	AG	1028	.9	.0	27.5
H. Y NB4	*	729	1205	701	1264	*	AG	1028	.9	.0	27.5
I. Y LT1	*	721	1198	754	1135	*	AG	175	1.6	.0	27.5
J. Y LT2	*	754	1135	802	1039	*	AG	26	1.6	.0	27.5
K. X EB1	*	596	1103	683	1125	*	AG	735	.9	.0	23.9
L. X EB2	*	683	1125	751	1141	*	AG	642	1.6	.0	23.9
M. X EB3	*	751	1141	827	1159	*	AG	817	.9	.0	23.9
N. X EB4	*	827	1159	923	1182	*	AG	817	.9	.0	23.9
O. X WB1	*	925	1170	832	1147	*	AG	1080	.9	.0	23.9
P. X WB2	*	832	1147	758	1128	*	AG	889	1.6	.0	23.9
Q. X WB3	*	758	1128	688	1112	*	AG	915	.9	.0	23.9
R. X WB4	*	688	1112	599	1090	*	AG	915	.9	.0	23.9
S. X LT1	*	675	1115	754	1135	*	AG	93	1.6	.0	23.9
T. X LT2	*	754	1135	842	1157	*	AG	191	1.6	.0	23.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

25.Joshua & Yucca.txt
 JOB: Joshua Lane and Yucca Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	307.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	106.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	51.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	177.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

26.Joshua & Onaga.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Joshua Lane and OnagaTrail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.5 PPM
 SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* * * * *	LINK COORDINATES (M)	* * * * *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
		X1 Y1 X2 Y2						
A. Y SB1	*	684 1256 711 1201	*	AG	625	.9	.0	20.3
B. Y SB2	*	711 1201 746 1134	*	AG	599	1.6	.0	20.3
C. Y SB3	*	746 1134 800 1025	*	AG	679	.9	.0	20.3
D. Y SB4	*	800 1025 859 906	*	AG	679	.9	.0	20.3
E. Y NB1	*	869 911 814 1025	*	AG	815	.9	.0	20.3
F. Y NB2	*	815 1025 761 1138	*	AG	764	1.6	.0	20.3
G. Y NB3	*	761 1138 729 1205	*	AG	1519	.9	.0	20.3
H. Y NB4	*	729 1205 701 1264	*	AG	1519	.9	.0	20.3
I. Y LT1	*	721 1198 754 1135	*	AG	26	1.6	.0	20.3
J. Y LT2	*	754 1135 802 1039	*	AG	51	1.6	.0	20.3
K. X EB1	*	596 1103 683 1125	*	AG	1154	.9	.0	27.5
L. X EB2	*	683 1125 751 1141	*	AG	399	1.6	.0	27.5
M. X EB3	*	751 1141 827 1159	*	AG	425	.9	.0	27.5
N. X EB4	*	827 1159 923 1182	*	AG	425	.9	.0	27.5
O. X WB1	*	925 1170 832 1147	*	AG	538	.9	.0	27.5
P. X WB2	*	832 1147 758 1128	*	AG	458	1.6	.0	27.5
Q. X WB3	*	758 1128 688 1112	*	AG	509	.9	.0	27.5
R. X WB4	*	688 1112 599 1090	*	AG	509	.9	.0	27.5
S. X LT1	*	675 1115 754 1135	*	AG	755	1.6	.0	27.5
T. X LT2	*	754 1135 842 1157	*	AG	80	1.6	.0	27.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

26.Joshua & Onaga.txt
 JOB: Joshua Lane and OnagaTrail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC * (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	293.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	121.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	5.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	230.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

27.Warren & Yucca.txt
 JOB: Warren Vista Ave & Yucca Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC * (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	302.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	107.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	51.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	229.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

30.Palomar & Yucca.txt
 JOB: Palomar Avenue and Yucca Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	305.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	106.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	52.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	178.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

31.Indio & SR-62.txt
 JOB: Indio & SR-62
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC * (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	301.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	106.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	52.	* 2.7 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	230.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

32. Indios & Yucca.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Indio South & Yucca Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S
 BRG= WORST CASE
 CLAS= 7 (G)
 MIXH= 1000. M
 SIGTH= 20. DEGREES
 Z0= 100. CM
 VD= .0 CM/S
 VS= .0 CM/S
 AMB= 2.5 PPM
 TEMP= 15.6 DEGREE (C)
 ALT= 0. (M)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)				*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1	Y1	X2	Y2	*					
A. Y SB1	*	684	1256	711	1201	*	AG	0	.9	.0	13.1
B. Y SB2	*	711	1201	746	1134	*	AG	0	1.6	.0	13.1
C. Y SB3	*	746	1134	800	1025	*	AG	18	.9	.0	13.1
D. Y SB4	*	800	1025	859	906	*	AG	18	.9	.0	13.1
E. Y NB1	*	869	911	814	1025	*	AG	25	.9	.0	13.1
F. Y NB2	*	815	1025	761	1138	*	AG	9	1.6	.0	13.1
G. Y NB3	*	761	1138	729	1205	*	AG	9	.9	.0	13.1
H. Y NB4	*	729	1205	701	1264	*	AG	9	.9	.0	13.1
I. Y LT1	*	721	1198	754	1135	*	AG	0	1.6	.0	13.1
J. Y LT2	*	754	1135	802	1039	*	AG	16	1.6	.0	13.1
K. X EB1	*	596	1103	683	1125	*	AG	805	.9	.0	13.1
L. X EB2	*	683	1125	751	1141	*	AG	805	1.6	.0	13.1
M. X EB3	*	751	1141	827	1159	*	AG	805	.9	.0	13.1
N. X EB4	*	827	1159	923	1182	*	AG	805	.9	.0	13.1
O. X WB1	*	925	1170	832	1147	*	AG	862	.9	.0	13.1
P. X WB2	*	832	1147	758	1128	*	AG	844	1.6	.0	13.1
Q. X WB3	*	758	1128	688	1112	*	AG	860	.9	.0	13.1
R. X WB4	*	688	1112	599	1090	*	AG	860	.9	.0	13.1
S. X LT1	*	675	1115	754	1135	*	AG	0	1.6	.0	13.1
T. X LT2	*	754	1135	842	1157	*	AG	18	1.6	.0	13.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

32. Indios & Yucca.txt
 JOB: Indio South & Yucca Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC * (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	301.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	109.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	51.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	229.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

33.IndioNorth & Yucca.txt

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Indio North & Yucca Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.5 PPM
 SIGTH= 20. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. Y SB1	*	684 1256 711 1201	*	AG	187	.9	.0	13.1
B. Y SB2	*	711 1201 746 1134	*	AG	100	1.6	.0	13.1
C. Y SB3	*	746 1134 800 1025	*	AG	862	.9	.0	13.1
D. Y SB4	*	800 1025 859 906	*	AG	862	.9	.0	13.1
E. Y NB1	*	869 911 814 1025	*	AG	0	.9	.0	13.1
F. Y NB2	*	815 1025 761 1138	*	AG	0	1.6	.0	13.1
G. Y NB3	*	761 1138 729 1205	*	AG	62	.9	.0	13.1
H. Y NB4	*	729 1205 701 1264	*	AG	62	.9	.0	13.1
I. Y LT1	*	721 1198 754 1135	*	AG	87	1.6	.0	13.1
J. Y LT2	*	754 1135 802 1039	*	AG	0	1.6	.0	13.1
K. X EB1	*	596 1103 683 1125	*	AG	780	.9	.0	13.1
L. X EB2	*	683 1125 751 1141	*	AG	718	1.6	.0	13.1
M. X EB3	*	751 1141 827 1159	*	AG	736	.9	.0	13.1
N. X EB4	*	827 1159 923 1182	*	AG	736	.9	.0	13.1
O. X WB1	*	925 1170 832 1147	*	AG	810	.9	.0	13.1
P. X WB2	*	832 1147 758 1128	*	AG	48	1.6	.0	13.1
Q. X WB3	*	758 1128 688 1112	*	AG	48	.9	.0	13.1
R. X WB4	*	688 1112 599 1090	*	AG	48	.9	.0	13.1
S. X LT1	*	675 1115 754 1135	*	AG	62	1.6	.0	13.1
T. X LT2	*	754 1135 842 1157	*	AG	762	1.6	.0	13.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

33.IndioNorth & Yucca.txt
 JOB: Indio North & Yucca Trail
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	806	1100	1.8
2. Recpt 2	*	691	1157	1.8
3. Recpt 3	*	729	1094	1.8
4. Recpt 4	*	778	1180	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC * (PPM)	*	CONC/LINK (PPM)								
					A	B	C	D	E	F	G	H	
1. Recpt 1	*	305.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	101.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	50.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	178.	* 2.6 *	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0