SASEM 4.0 Result

Using NewSasem input and calculations.

Burn Name	New Holland
Burn Date	12/31/2000
Burn Type	BROADCAST
Fuel Model	L
Fine Fuel Loading	2.750 T/A
Small Fuel Loading	0.000 T/A
Large Fuel Loading	0.000 T/A
Very Large/Live Fuel Loading	0.000 T/A
Extra Large Fuel Loading	0.000 T/A
Stump Fuel Loading	2.750 T/A
Duff Depth	1.830 in
Burn Duration	4.000 Hr
Burn Area	440.000 Acres
Wind Speed Min	5.0 mi/hr
Wind Speed Max	20.0 mi/hr
Wind Speed Inc	1.0 mi/hr
Wind Direction Min	N
Wind Direction Max	NNW
Stability Type	Dispersion Day
Stability Min	Excellent
Stability Max	Poor
Mixing Height	1600.0 ft
Met Limitation	Only Valid Combinations
Number of Receptors	10
Receptor Name	Rec #1
Receptor Distance	1.00 mi
Receptor Direction	SE
Receptor Name	Rec # 2
Receptor Distance	0.75 mi
Receptor Direction	SE
Receptor Name	Rec # 3
Receptor Distance	0.50 mi
Receptor Direction	E
Receptor Name	Rec # 4
Receptor Distance	0.75 mi
Receptor Direction	NE
Receptor Name	Rec # 5
Receptor Distance	2.00 mi
Receptor Direction	N
Receptor Name	Rec # 6
Receptor Distance	0.50 mi
Receptor Direction	NW
Receptor Name	Rec # 7
Receptor Distance	1.50 mi
Receptor Direction	W
Receptor Name	Rec # 8
Receptor Distance	0.50 mi

Receptor Name ..... No Name
Receptor Distance ..... 1.00 mi
Receptor Direction ..... NW

Total Fuel Consumed ..... 2.475 T/A
TSP Emission Factor ..... 7.300 g/kg
PM-10 Emission Factor ..... 4.600 g/kg
PM-2.5 Emission Factor ..... 3.900 g/kg
TSP Emission Rate ..... 0.375 g/s/m
PM-10 Emission Rate ..... 0.237 g/s/m
PM-2.5 Emission Rate ..... 0.201 g/s/m
TSP Total Emissions ..... 7.950 T
PM-10 Total Emissions ..... 5.009 T
PM-2.5 Total Emissions ..... 4.247 T
Fireline Length ..... 1334.40 m
Fire Rate of Spread ..... 0.093 m/s
Heat Content of Fuel ..... 5000. Btu/lb
Fireline Width ..... 11.12 m
Number of Plumes ..... 120.
Heat Release Rate ..... 1588124. cal/s
Wind Persistence Factor 0.167
Portion of smoke which rises ..... 60.00 %

Stability	Wind Speed (mi/hr)	Maximum Concen (ug/m**3)	Distance to Maximum Concen (mi)	Exceedences Distance From (mi)	Exceedences Distance To (mi)	Plume Rise (m)
EXC	5.0	44.3	0.62	No Exceedence		199.
GOOD	5.0	42.9	2.22	No Exceedence		199.
GOOD	6.0	42.9	1.82	No Exceedence		166.
GOOD	7.0	43.0	1.54	No Exceedence		142.
GOOD	8.0	43.0	1.33	No Exceedence		124.
GOOD	9.0	44.4	0.62	No Exceedence		111.
GOOD	10.0	45.6	0.62	No Exceedence		100.
GOOD	11.0	46.0	0.62	No Exceedence		91.
GOOD	12.0	46.0	0.62	No Exceedence		83.
GOOD	13.0	45.6	0.62	No Exceedence		77.
GOOD	14.0	45.0	0.62	No Exceedence		71.
GOOD	15.0	44.1	0.62	No Exceedence		66.
GOOD	16.0	43.1	0.62	No Exceedence		62.
GOOD	17.0	42.1	0.62	No Exceedence		59.
GOOD	18.0	41.0	0.62	No Exceedence		55.
GOOD	19.0	39.9	0.62	No Exceedence		52.
GOOD	20.0	38.8	0.62	No Exceedence		50.
FAIR	5.0	42.8	3.71	No Exceedence		199.
FAIR	6.0	42.8	9.19	No Exceedence		166.
FAIR	7.0	42.8	6.99	No Exceedence		142.
FAIR	8.0	42.8	5.52	No Exceedence		124.
FAIR	9.0	42.8	4.48	No Exceedence		111.
FAIR	10.0	42.8	3.71	No Exceedence		100.

FAIR	15.0	43.8	1.81	No Exceedence		66.
FAIR	16.0	44.0	1.61	No Exceedence		62.
FAIR	17.0	44.2	1.45	No Exceedence		59.
FAIR	18.0	44.4	1.31	No Exceedence		55.
FAIR	19.0	44.8	0.62	No Exceedence		52.
FAIR	20.0	45.4	0.62	No Exceedence		50.
POOR	5.0	112.2	3.33	0.85	31.67	82.

* The PM-2_5 standard used is 65. micrograms per cubic meter.

Receptor Name	Dist (mi)	Dir	Stability	Wind Speed (mi/hr)	Range of Wind Dir	P&V* Visual Range (mi)	Kosh** Visual Range (mi)
Rec #1	1.00	SE	EXC	5.0	N -NNW	1.1	1.8
Rec #1	1.00	SE	GOOD	5.0	N -NNW	1.1	1.9
Rec #1	1.00	SE	GOOD	6.0	N -NNW	1.3	1.8
Rec #1	1.00	SE	GOOD	7.0	N -NNW	1.5	1.7
Rec #1	1.00	SE	GOOD	8.0	N -NNW	1.8	1.8
Rec #1	1.00	SE	GOOD	9.0	N -NNW	2.0	1.8
Rec #1	1.00	SE	GOOD	10.0	N -NNW	2.2	1.8
Rec #1	1.00	SE	GOOD	11.0	N -NNW	2.4	1.9
Rec #1	1.00	SE	GOOD	12.0	N -NNW	2.6	2.0
Rec #1	1.00	SE	GOOD	13.0	N -NNW	2.9	2.1
Rec #1	1.00	SE	GOOD	14.0	N -NNW	3.1	2.2
Rec #1	1.00	SE	GOOD	15.0	N -NNW	3.3	2.3
Rec #1	1.00	SE	GOOD	16.0	N -NNW	3.5	2.4
Rec #1	1.00	SE	GOOD	17.0	N -NNW	3.7	2.5
Rec #1	1.00	SE	GOOD	18.0	N -NNW	3.9	2.6
Rec #1	1.00	SE	GOOD	19.0	N -NNW	4.2	2.7
Rec #1	1.00	SE	GOOD	20.0	N -NNW	4.4	2.8
Rec #1	1.00	SE	FAIR	5.0	N -NNW	1.1	5.2
Rec #1	1.00	SE	FAIR	6.0	N -NNW	1.3	3.8
Rec #1	1.00	SE	FAIR	7.0	N -NNW	1.5	3.0
Rec #1	1.00	SE	FAIR	8.0	N -NNW	1.8	2.5
Rec #1	1.00	SE	FAIR	9.0	N -NNW	2.0	2.3
Rec #1	1.00	SE	FAIR	10.0	N -NNW	2.2	2.1
Rec #1	1.00	SE	FAIR	11.0	N -NNW	2.4	2.0
Rec #1	1.00	SE	FAIR	12.0	N -NNW	2.6	1.9
Rec #1	1.00	SE	FAIR	13.0	N -NNW	2.9	1.8
Rec #1	1.00	SE	FAIR	14.0	N -NNW	3.1	1.8
Rec #1	1.00	SE	FAIR	15.0	N -NNW	3.3	1.8
Rec #1	1.00	SE	FAIR	16.0	N -NNW	3.5	1.7
Rec #1	1.00	SE	FAIR	17.0	N -NNW	3.7	1.7
Rec #1	1.00	SE	FAIR	18.0	N -NNW	3.9	1.8
Rec #1	1.00	SE	FAIR	19.0	N -NNW	4.2	1.8
Rec #1	1.00	SE	FAIR	20.0	N -NNW	4.4	1.8
Rec #1	1.00	SE	POOR	5.0	N -NNW	1.1	1.1
Rec # 2	0.75	SE	EXC	5.0	N -NNW	1.1	1.7
Rec # 2	0.75	SE	GOOD	5.0	N -NNW	1.1	2.3
Rec # 2	0.75	SE	GOOD	6.0	N -NNW	1.3	2.0

Rec # 2	0.75	SE	GOOD	11.0	N	-NNW	2.3	1.8
Rec # 2	0.75	SE	GOOD	12.0	N	-NNW	2.5	1.8
Rec # 2	0.75	SE	GOOD	13.0	N	-NNW	2.7	1.8
Rec # 2	0.75	SE	GOOD	14.0	N	-NNW	2.9	1.9
Rec # 2	0.75	SE	GOOD	15.0	N	-NNW	3.1	2.0
Rec # 2	0.75	SE	GOOD	16.0	N	-NNW	3.3	2.0
Rec # 2	0.75	SE	GOOD	17.0	N	-NNW	3.5	2.1
Rec # 2	0.75	SE	GOOD	18.0	N	-NNW	3.7	2.2
Rec # 2	0.75	SE	GOOD	19.0	N	-NNW	3.9	2.2
Rec # 2	0.75	SE	GOOD	20.0	N	-NNW	4.2	2.3
Rec # 2	0.75	SE	FAIR	5.0	N	-NNW	1.1	8.0
Rec # 2	0.75	SE	FAIR	6.0	N	-NNW	1.3	5.4
Rec # 2	0.75	SE	FAIR	7.0	N	-NNW	1.5	4.0
Rec # 2	0.75	SE	FAIR	8.0	N	-NNW	1.7	3.3
Rec # 2	0.75	SE	FAIR	9.0	N	-NNW	1.9	2.8
Rec # 2	0.75	SE	FAIR	10.0	N	-NNW	2.1	2.5
Rec # 2	0.75	SE	FAIR	11.0	N	-NNW	2.3	2.3
Rec # 2	0.75	SE	FAIR	12.0	N	-NNW	2.5	2.1
Rec # 2	0.75	SE	FAIR	13.0	N	-NNW	2.7	2.0
Rec # 2	0.75	SE	FAIR	14.0	N	-NNW	2.9	1.9
Rec # 2	0.75	SE	FAIR	15.0	N	-NNW	3.1	1.9
Rec # 2	0.75	SE	FAIR	16.0	N	-NNW	3.3	1.8
Rec # 2	0.75	SE	FAIR	17.0	N	-NNW	3.5	1.8
Rec # 2	0.75	SE	FAIR	18.0	N	-NNW	3.7	1.8
Rec # 2	0.75	SE	FAIR	19.0	N	-NNW	3.9	1.8
Rec # 2	0.75	SE	FAIR	20.0	N	-NNW	4.2	1.7
Rec # 2	0.75	SE	POOR	5.0	N	-NNW	1.1	1.3
Rec # 3	0.50	E	EXC	5.0	N	-NNW	1.0	2.0
Rec # 3	0.50	E	GOOD	5.0	N	-NNW	1.0	3.7
Rec # 3	0.50	E	GOOD	6.0	N	-NNW	1.2	2.9
Rec # 3	0.50	E	GOOD	7.0	N	-NNW	1.4	2.4
Rec # 3	0.50	E	GOOD	8.0	N	-NNW	1.6	2.1
Rec # 3	0.50	E	GOOD	9.0	N	-NNW	1.8	2.0
Rec # 3	0.50	E	GOOD	10.0	N	-NNW	2.0	1.9
Rec # 3	0.50	E	GOOD	11.0	N	-NNW	2.2	1.8
Rec # 3	0.50	E	GOOD	12.0	N	-NNW	2.4	1.8
Rec # 3	0.50	E	GOOD	13.0	N	-NNW	2.6	1.8
Rec # 3	0.50	E	GOOD	14.0	N	-NNW	2.8	1.7
Rec # 3	0.50	E	GOOD	15.0	N	-NNW	3.0	1.8
Rec # 3	0.50	E	GOOD	16.0	N	-NNW	3.2	1.8
Rec # 3	0.50	E	GOOD	17.0	N	-NNW	3.3	1.8
Rec # 3	0.50	E	GOOD	18.0	N	-NNW	3.5	1.8
Rec # 3	0.50	E	GOOD	19.0	N	-NNW	3.7	1.8
Rec # 3	0.50	E	GOOD	20.0	N	-NNW	3.9	1.9
Rec # 3	0.50	E	FAIR	5.0	N	-NNW	1.0	15.3
Rec # 3	0.50	E	FAIR	6.0	N	-NNW	1.2	10.0
Rec # 3	0.50	E	FAIR	7.0	N	-NNW	1.4	7.0
Rec # 3	0.50	E	FAIR	8.0	N	-NNW	1.6	5.3
Rec # 3	0.50	E	FAIR	9.0	N	-NNW	1.8	4.2
Rec # 3	0.50	E	FAIR	10.0	N	-NNW	2.0	3.6
Rec # 3	0.50	E	FAIR	11.0	N	-NNW	2.2	3.1
Rec # 3	0.50	E	FAIR	12.0	N	-NNW	2.4	2.8
Rec # 3	0.50	E	FAIR	13.0	N	-NNW	2.6	2.5
Rec # 3	0.50	E	FAIR	14.0	N	-NNW	2.8	2.3
Rec # 3	0.50	E	FAIR	15.0	N	-NNW	3.0	2.2

Rec # 3	0.50	E	FAIR	20.0	N	-NNW	3.9	1.9
Rec # 3	0.50	E	POOR	5.0	N	-NNW	1.0	2.1
Rec # 4	0.75	NE	EXC	5.0	N	-NNW	1.1	1.7
Rec # 4	0.75	NE	GOOD	5.0	N	-NNW	1.1	2.3
Rec # 4	0.75	NE	GOOD	6.0	N	-NNW	1.3	2.0
Rec # 4	0.75	NE	GOOD	7.0	N	-NNW	1.5	1.9
Rec # 4	0.75	NE	GOOD	8.0	N	-NNW	1.7	1.8
Rec # 4	0.75	NE	GOOD	9.0	N	-NNW	1.9	1.8
Rec # 4	0.75	NE	GOOD	10.0	N	-NNW	2.1	1.7
Rec # 4	0.75	NE	GOOD	11.0	N	-NNW	2.3	1.8
Rec # 4	0.75	NE	GOOD	12.0	N	-NNW	2.5	1.8
Rec # 4	0.75	NE	GOOD	13.0	N	-NNW	2.7	1.8
Rec # 4	0.75	NE	GOOD	14.0	N	-NNW	2.9	1.9
Rec # 4	0.75	NE	GOOD	15.0	N	-NNW	3.1	2.0
Rec # 4	0.75	NE	GOOD	16.0	N	-NNW	3.3	2.0
Rec # 4	0.75	NE	GOOD	17.0	N	-NNW	3.5	2.1
Rec # 4	0.75	NE	GOOD	18.0	N	-NNW	3.7	2.2
Rec # 4	0.75	NE	GOOD	19.0	N	-NNW	3.9	2.2
Rec # 4	0.75	NE	GOOD	20.0	N	-NNW	4.2	2.3
Rec # 4	0.75	NE	FAIR	5.0	N	-NNW	1.1	8.0
Rec # 4	0.75	NE	FAIR	6.0	N	-NNW	1.3	5.4
Rec # 4	0.75	NE	FAIR	7.0	N	-NNW	1.5	4.0
Rec # 4	0.75	NE	FAIR	8.0	N	-NNW	1.7	3.3
Rec # 4	0.75	NE	FAIR	9.0	N	-NNW	1.9	2.8
Rec # 4	0.75	NE	FAIR	10.0	N	-NNW	2.1	2.5
Rec # 4	0.75	NE	FAIR	11.0	N	-NNW	2.3	2.3
Rec # 4	0.75	NE	FAIR	12.0	N	-NNW	2.5	2.1
Rec # 4	0.75	NE	FAIR	13.0	N	-NNW	2.7	2.0
Rec # 4	0.75	NE	FAIR	14.0	N	-NNW	2.9	1.9
Rec # 4	0.75	NE	FAIR	15.0	N	-NNW	3.1	1.9
Rec # 4	0.75	NE	FAIR	16.0	N	-NNW	3.3	1.8
Rec # 4	0.75	NE	FAIR	17.0	N	-NNW	3.5	1.8
Rec # 4	0.75	NE	FAIR	18.0	N	-NNW	3.7	1.8
Rec # 4	0.75	NE	FAIR	19.0	N	-NNW	3.9	1.8
Rec # 4	0.75	NE	FAIR	20.0	N	-NNW	4.2	1.7
Rec # 4	0.75	NE	POOR	5.0	N	-NNW	1.1	1.3
Rec # 5	2.00	N	EXC	5.0	N	-NNW	1.3	2.9
Rec # 5	2.00	N	GOOD	5.0	N	-NNW	1.3	1.8
Rec # 5	2.00	N	GOOD	6.0	N	-NNW	1.6	1.9
Rec # 5	2.00	N	GOOD	7.0	N	-NNW	1.9	2.1
Rec # 5	2.00	N	GOOD	8.0	N	-NNW	2.1	2.3
Rec # 5	2.00	N	GOOD	9.0	N	-NNW	2.4	2.5
Rec # 5	2.00	N	GOOD	10.0	N	-NNW	2.7	2.7
Rec # 5	2.00	N	GOOD	11.0	N	-NNW	2.9	2.9
Rec # 5	2.00	N	GOOD	12.0	N	-NNW	3.2	3.1
Rec # 5	2.00	N	GOOD	13.0	N	-NNW	3.5	3.3
Rec # 5	2.00	N	GOOD	14.0	N	-NNW	3.7	3.6
Rec # 5	2.00	N	GOOD	15.0	N	-NNW	4.0	3.8
Rec # 5	2.00	N	GOOD	16.0	N	-NNW	4.2	4.0
Rec # 5	2.00	N	GOOD	17.0	N	-NNW	4.5	4.2
Rec # 5	2.00	N	GOOD	18.0	N	-NNW	4.8	4.5
Rec # 5	2.00	N	GOOD	19.0	N	-NNW	5.0	4.7
Rec # 5	2.00	N	GOOD	20.0	N	-NNW	5.3	4.9
Rec # 5	2.00	N	FAIR	5.0	N	-NNW	1.3	2.5
Rec # 5	2.00	N	FAIR	6.0	N	-NNW	1.6	2.1

Rec # 5	2.00	N	FAIR	11.0	N	-NNW	2.9	1.7
Rec # 5	2.00	N	FAIR	12.0	N	-NNW	3.2	1.8
Rec # 5	2.00	N	FAIR	13.0	N	-NNW	3.5	1.8
Rec # 5	2.00	N	FAIR	14.0	N	-NNW	3.7	1.8
Rec # 5	2.00	N	FAIR	15.0	N	-NNW	4.0	1.9
Rec # 5	2.00	N	FAIR	16.0	N	-NNW	4.2	1.9
Rec # 5	2.00	N	FAIR	17.0	N	-NNW	4.5	2.0
Rec # 5	2.00	N	FAIR	18.0	N	-NNW	4.8	2.1
Rec # 5	2.00	N	FAIR	19.0	N	-NNW	5.0	2.1
Rec # 5	2.00	N	FAIR	20.0	N	-NNW	5.3	2.2
Rec # 5	2.00	N	POOR	5.0	N	-NNW	1.3	0.8
Rec # 6	0.50	NW	EXC	5.0	N	-NNW	1.0	2.0
Rec # 6	0.50	NW	GOOD	5.0	N	-NNW	1.0	3.7
Rec # 6	0.50	NW	GOOD	6.0	N	-NNW	1.2	2.9
Rec # 6	0.50	NW	GOOD	7.0	N	-NNW	1.4	2.4
Rec # 6	0.50	NW	GOOD	8.0	N	-NNW	1.6	2.1
Rec # 6	0.50	NW	GOOD	9.0	N	-NNW	1.8	2.0
Rec # 6	0.50	NW	GOOD	10.0	N	-NNW	2.0	1.9
Rec # 6	0.50	NW	GOOD	11.0	N	-NNW	2.2	1.8
Rec # 6	0.50	NW	GOOD	12.0	N	-NNW	2.4	1.8
Rec # 6	0.50	NW	GOOD	13.0	N	-NNW	2.6	1.8
Rec # 6	0.50	NW	GOOD	14.0	N	-NNW	2.8	1.7
Rec # 6	0.50	NW	GOOD	15.0	N	-NNW	3.0	1.8
Rec # 6	0.50	NW	GOOD	16.0	N	-NNW	3.2	1.8
Rec # 6	0.50	NW	GOOD	17.0	N	-NNW	3.3	1.8
Rec # 6	0.50	NW	GOOD	18.0	N	-NNW	3.5	1.8
Rec # 6	0.50	NW	GOOD	19.0	N	-NNW	3.7	1.8
Rec # 6	0.50	NW	GOOD	20.0	N	-NNW	3.9	1.9
Rec # 6	0.50	NW	FAIR	5.0	N	-NNW	1.0	15.3
Rec # 6	0.50	NW	FAIR	6.0	N	-NNW	1.2	10.0
Rec # 6	0.50	NW	FAIR	7.0	N	-NNW	1.4	7.0
Rec # 6	0.50	NW	FAIR	8.0	N	-NNW	1.6	5.3
Rec # 6	0.50	NW	FAIR	9.0	N	-NNW	1.8	4.2
Rec # 6	0.50	NW	FAIR	10.0	N	-NNW	2.0	3.6
Rec # 6	0.50	NW	FAIR	11.0	N	-NNW	2.2	3.1
Rec # 6	0.50	NW	FAIR	12.0	N	-NNW	2.4	2.8
Rec # 6	0.50	NW	FAIR	13.0	N	-NNW	2.6	2.5
Rec # 6	0.50	NW	FAIR	14.0	N	-NNW	2.8	2.3
Rec # 6	0.50	NW	FAIR	15.0	N	-NNW	3.0	2.2
Rec # 6	0.50	NW	FAIR	16.0	N	-NNW	3.2	2.1
Rec # 6	0.50	NW	FAIR	17.0	N	-NNW	3.3	2.0
Rec # 6	0.50	NW	FAIR	18.0	N	-NNW	3.5	1.9
Rec # 6	0.50	NW	FAIR	19.0	N	-NNW	3.7	1.9
Rec # 6	0.50	NW	FAIR	20.0	N	-NNW	3.9	1.9
Rec # 6	0.50	NW	POOR	5.0	N	-NNW	1.0	2.1
Rec # 7	1.50	W	EXC	5.0	N	-NNW	1.2	2.3
Rec # 7	1.50	W	GOOD	5.0	N	-NNW	1.2	1.7
Rec # 7	1.50	W	GOOD	6.0	N	-NNW	1.5	1.8
Rec # 7	1.50	W	GOOD	7.0	N	-NNW	1.7	1.9
Rec # 7	1.50	W	GOOD	8.0	N	-NNW	2.0	2.0
Rec # 7	1.50	W	GOOD	9.0	N	-NNW	2.2	2.1
Rec # 7	1.50	W	GOOD	10.0	N	-NNW	2.4	2.2
Rec # 7	1.50	W	GOOD	11.0	N	-NNW	2.7	2.4
Rec # 7	1.50	W	GOOD	12.0	N	-NNW	2.9	2.5
Rec # 7	1.50	W	GOOD	13.0	N	-NNW	3.2	2.7

Rec # 7	1.50	W	GOOD	19.0	N	-NNW	4.6	3.7
Rec # 7	1.50	W	GOOD	20.0	N	-NNW	4.8	3.9
Rec # 7	1.50	W	FAIR	5.0	N	-NNW	1.2	3.2
Rec # 7	1.50	W	FAIR	6.0	N	-NNW	1.5	2.6
Rec # 7	1.50	W	FAIR	7.0	N	-NNW	1.7	2.2
Rec # 7	1.50	W	FAIR	8.0	N	-NNW	2.0	2.0
Rec # 7	1.50	W	FAIR	9.0	N	-NNW	2.2	1.9
Rec # 7	1.50	W	FAIR	10.0	N	-NNW	2.4	1.8
Rec # 7	1.50	W	FAIR	11.0	N	-NNW	2.7	1.8
Rec # 7	1.50	W	FAIR	12.0	N	-NNW	2.9	1.7
Rec # 7	1.50	W	FAIR	13.0	N	-NNW	3.2	1.7
Rec # 7	1.50	W	FAIR	14.0	N	-NNW	3.4	1.8
Rec # 7	1.50	W	FAIR	15.0	N	-NNW	3.6	1.8
Rec # 7	1.50	W	FAIR	16.0	N	-NNW	3.9	1.8
Rec # 7	1.50	W	FAIR	17.0	N	-NNW	4.1	1.8
Rec # 7	1.50	W	FAIR	18.0	N	-NNW	4.3	1.9
Rec # 7	1.50	W	FAIR	19.0	N	-NNW	4.6	1.9
Rec # 7	1.50	W	FAIR	20.0	N	-NNW	4.8	2.0
Rec # 7	1.50	W	POOR	5.0	N	-NNW	1.2	0.8
Rec # 8	0.50	SW	EXC	5.0	N	-NNW	1.0	2.0
Rec # 8	0.50	SW	GOOD	5.0	N	-NNW	1.0	3.7
Rec # 8	0.50	SW	GOOD	6.0	N	-NNW	1.2	2.9
Rec # 8	0.50	SW	GOOD	7.0	N	-NNW	1.4	2.4
Rec # 8	0.50	SW	GOOD	8.0	N	-NNW	1.6	2.1
Rec # 8	0.50	SW	GOOD	9.0	N	-NNW	1.8	2.0
Rec # 8	0.50	SW	GOOD	10.0	N	-NNW	2.0	1.9
Rec # 8	0.50	SW	GOOD	11.0	N	-NNW	2.2	1.8
Rec # 8	0.50	SW	GOOD	12.0	N	-NNW	2.4	1.8
Rec # 8	0.50	SW	GOOD	13.0	N	-NNW	2.6	1.8
Rec # 8	0.50	SW	GOOD	14.0	N	-NNW	2.8	1.7
Rec # 8	0.50	SW	GOOD	15.0	N	-NNW	3.0	1.8
Rec # 8	0.50	SW	GOOD	16.0	N	-NNW	3.2	1.8
Rec # 8	0.50	SW	GOOD	17.0	N	-NNW	3.3	1.8
Rec # 8	0.50	SW	GOOD	18.0	N	-NNW	3.5	1.8
Rec # 8	0.50	SW	GOOD	19.0	N	-NNW	3.7	1.8
Rec # 8	0.50	SW	GOOD	20.0	N	-NNW	3.9	1.9
Rec # 8	0.50	SW	FAIR	5.0	N	-NNW	1.0	15.3
Rec # 8	0.50	SW	FAIR	6.0	N	-NNW	1.2	10.0
Rec # 8	0.50	SW	FAIR	7.0	N	-NNW	1.4	7.0
Rec # 8	0.50	SW	FAIR	8.0	N	-NNW	1.6	5.3
Rec # 8	0.50	SW	FAIR	9.0	N	-NNW	1.8	4.2
Rec # 8	0.50	SW	FAIR	10.0	N	-NNW	2.0	3.6
Rec # 8	0.50	SW	FAIR	11.0	N	-NNW	2.2	3.1
Rec # 8	0.50	SW	FAIR	12.0	N	-NNW	2.4	2.8
Rec # 8	0.50	SW	FAIR	13.0	N	-NNW	2.6	2.5
Rec # 8	0.50	SW	FAIR	14.0	N	-NNW	2.8	2.3
Rec # 8	0.50	SW	FAIR	15.0	N	-NNW	3.0	2.2
Rec # 8	0.50	SW	FAIR	16.0	N	-NNW	3.2	2.1
Rec # 8	0.50	SW	FAIR	17.0	N	-NNW	3.3	2.0
Rec # 8	0.50	SW	FAIR	18.0	N	-NNW	3.5	1.9
Rec # 8	0.50	SW	FAIR	19.0	N	-NNW	3.7	1.9
Rec # 8	0.50	SW	FAIR	20.0	N	-NNW	3.9	1.9
Rec # 8	0.50	SW	POOR	5.0	N	-NNW	1.0	2.1
Rec # 9	0.50	NW	EXC	5.0	N	-NNW	1.0	2.0

Rec # 9	0.50	NW	GOOD	10.0	N	-NNW	2.0	1.9
Rec # 9	0.50	NW	GOOD	11.0	N	-NNW	2.2	1.8
Rec # 9	0.50	NW	GOOD	12.0	N	-NNW	2.4	1.8
Rec # 9	0.50	NW	GOOD	13.0	N	-NNW	2.6	1.8
Rec # 9	0.50	NW	GOOD	14.0	N	-NNW	2.8	1.7
Rec # 9	0.50	NW	GOOD	15.0	N	-NNW	3.0	1.8
Rec # 9	0.50	NW	GOOD	16.0	N	-NNW	3.2	1.8
Rec # 9	0.50	NW	GOOD	17.0	N	-NNW	3.3	1.8
Rec # 9	0.50	NW	GOOD	18.0	N	-NNW	3.5	1.8
Rec # 9	0.50	NW	GOOD	19.0	N	-NNW	3.7	1.8
Rec # 9	0.50	NW	GOOD	20.0	N	-NNW	3.9	1.9
Rec # 9	0.50	NW	FAIR	5.0	N	-NNW	1.0	15.3
Rec # 9	0.50	NW	FAIR	6.0	N	-NNW	1.2	10.0
Rec # 9	0.50	NW	FAIR	7.0	N	-NNW	1.4	7.0
Rec # 9	0.50	NW	FAIR	8.0	N	-NNW	1.6	5.3
Rec # 9	0.50	NW	FAIR	9.0	N	-NNW	1.8	4.2
Rec # 9	0.50	NW	FAIR	10.0	N	-NNW	2.0	3.6
Rec # 9	0.50	NW	FAIR	11.0	N	-NNW	2.2	3.1
Rec # 9	0.50	NW	FAIR	12.0	N	-NNW	2.4	2.8
Rec # 9	0.50	NW	FAIR	13.0	N	-NNW	2.6	2.5
Rec # 9	0.50	NW	FAIR	14.0	N	-NNW	2.8	2.3
Rec # 9	0.50	NW	FAIR	15.0	N	-NNW	3.0	2.2
Rec # 9	0.50	NW	FAIR	16.0	N	-NNW	3.2	2.1
Rec # 9	0.50	NW	FAIR	17.0	N	-NNW	3.3	2.0
Rec # 9	0.50	NW	FAIR	18.0	N	-NNW	3.5	1.9
Rec # 9	0.50	NW	FAIR	19.0	N	-NNW	3.7	1.9
Rec # 9	0.50	NW	FAIR	20.0	N	-NNW	3.9	1.9
Rec # 9	0.50	NW	POOR	5.0	N	-NNW	1.0	2.1
N. holland	1.00	NW	EXC	5.0	N	-NNW	1.1	1.8
N. holland	1.00	NW	GOOD	5.0	N	-NNW	1.1	1.9
N. holland	1.00	NW	GOOD	6.0	N	-NNW	1.3	1.8
N. holland	1.00	NW	GOOD	7.0	N	-NNW	1.5	1.7
N. holland	1.00	NW	GOOD	8.0	N	-NNW	1.8	1.8
N. holland	1.00	NW	GOOD	9.0	N	-NNW	2.0	1.8
N. holland	1.00	NW	GOOD	10.0	N	-NNW	2.2	1.8
N. holland	1.00	NW	GOOD	11.0	N	-NNW	2.4	1.9
N. holland	1.00	NW	GOOD	12.0	N	-NNW	2.6	2.0
N. holland	1.00	NW	GOOD	13.0	N	-NNW	2.9	2.1
N. holland	1.00	NW	GOOD	14.0	N	-NNW	3.1	2.2
N. holland	1.00	NW	GOOD	15.0	N	-NNW	3.3	2.3
N. holland	1.00	NW	GOOD	16.0	N	-NNW	3.5	2.4
N. holland	1.00	NW	GOOD	17.0	N	-NNW	3.7	2.5
N. holland	1.00	NW	GOOD	18.0	N	-NNW	3.9	2.6
N. holland	1.00	NW	GOOD	19.0	N	-NNW	4.2	2.7
N. holland	1.00	NW	GOOD	20.0	N	-NNW	4.4	2.8
N. holland	1.00	NW	FAIR	5.0	N	-NNW	1.1	5.2
N. holland	1.00	NW	FAIR	6.0	N	-NNW	1.3	3.8
N. holland	1.00	NW	FAIR	7.0	N	-NNW	1.5	3.0
N. holland	1.00	NW	FAIR	8.0	N	-NNW	1.8	2.5
N. holland	1.00	NW	FAIR	9.0	N	-NNW	2.0	2.3
N. holland	1.00	NW	FAIR	10.0	N	-NNW	2.2	2.1
N. holland	1.00	NW	FAIR	11.0	N	-NNW	2.4	2.0
N. holland	1.00	NW	FAIR	12.0	N	-NNW	2.6	1.9
N. holland	1.00	NW	FAIR	13.0	N	-NNW	2.9	1.8

N. holland	1.00	NW	FAIR	18.0	N	-NNW	3.9	1.8
N. holland	1.00	NW	FAIR	19.0	N	-NNW	4.2	1.8
N. holland	1.00	NW	FAIR	20.0	N	-NNW	4.4	1.8
N. holland	1.00	NW	POOR	5.0	N	-NNW	1.1	1.1

* Packham, D. R. and R. G. Vines, 1978, JAPCA 28:790-795.
**Koshmieder, 1924, Beitr. Phys. Freien Atm., 12:33-54.
and EPA, 1979, EPA-450/5-79-008.
Based on PM-2.5 emission rates.