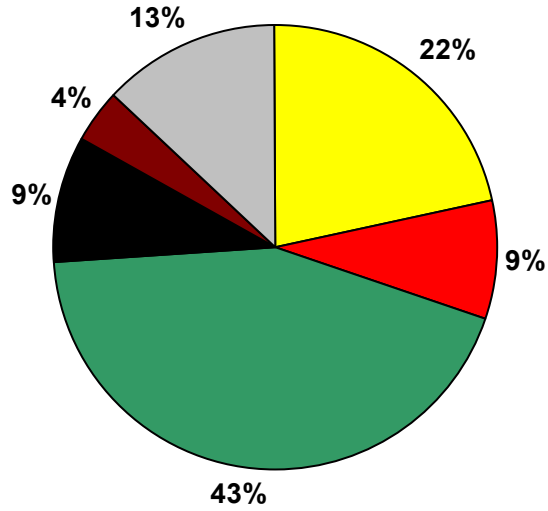


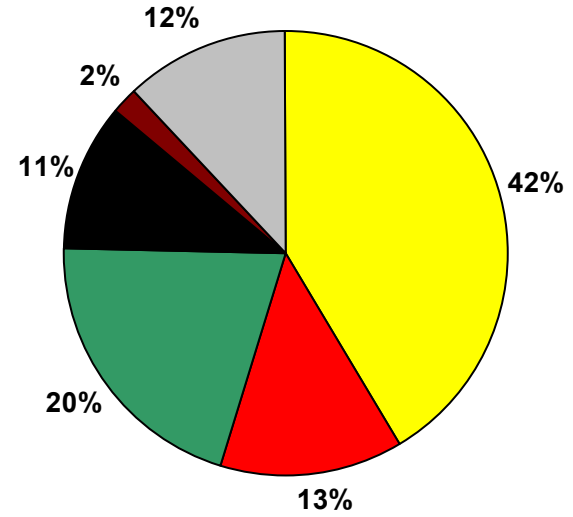
MONITORING DATA

**Rawah Wilderness Area, CO
2002 Reconstructed Extinction
MOZI1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 28 Mm-1 (16 to 79 Mm-1)

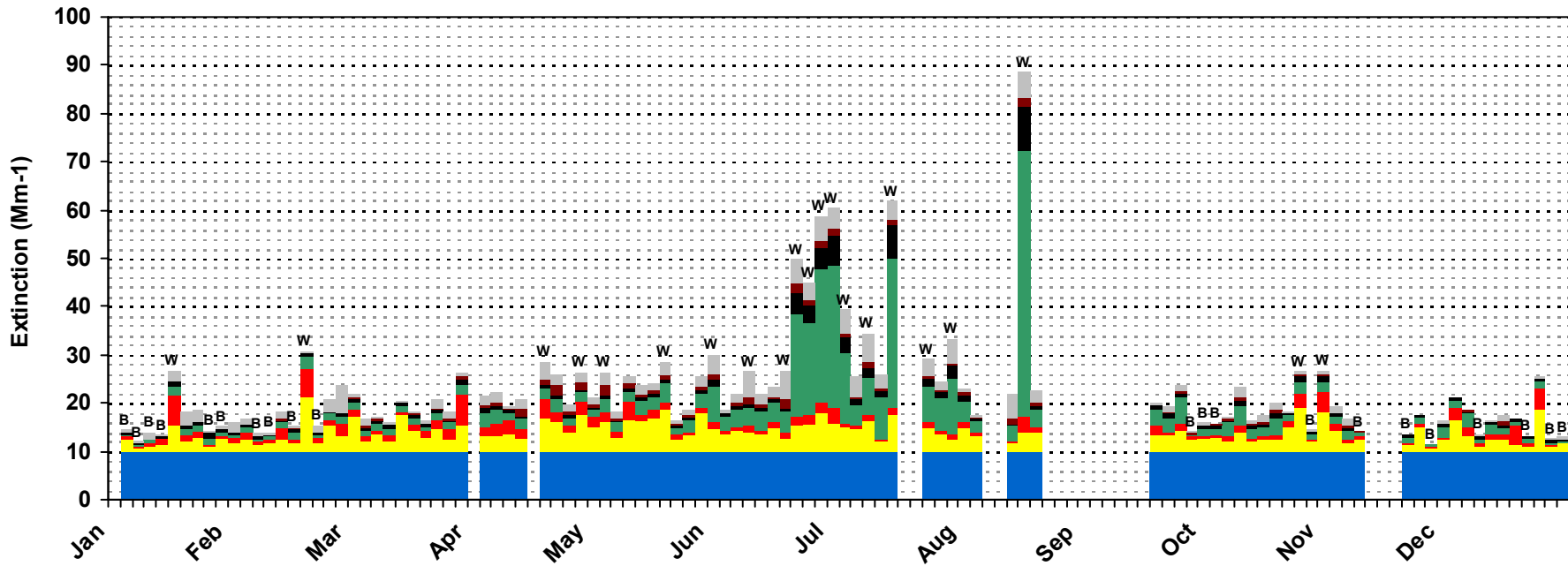


20% Best Visibility Days
Aerosol Extinction* = 4 Mm-1 (1 to 6 Mm-1)



- Coarse Material
- Soil
- Elemental Carbon
- Organic Material
- Ammonium Nitrate
- Ammonium Sulfate
- Rayleigh

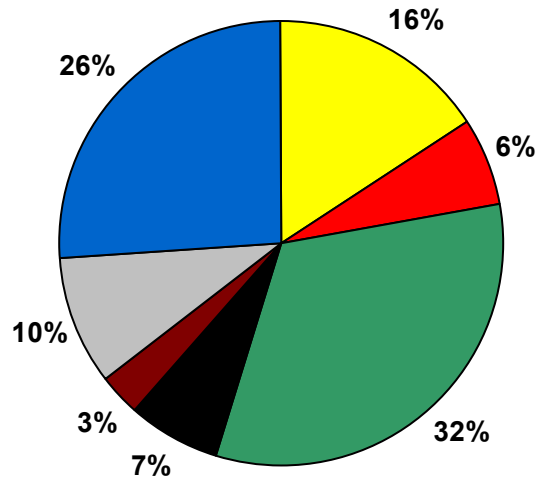
*Excludes Rayleigh Extinction



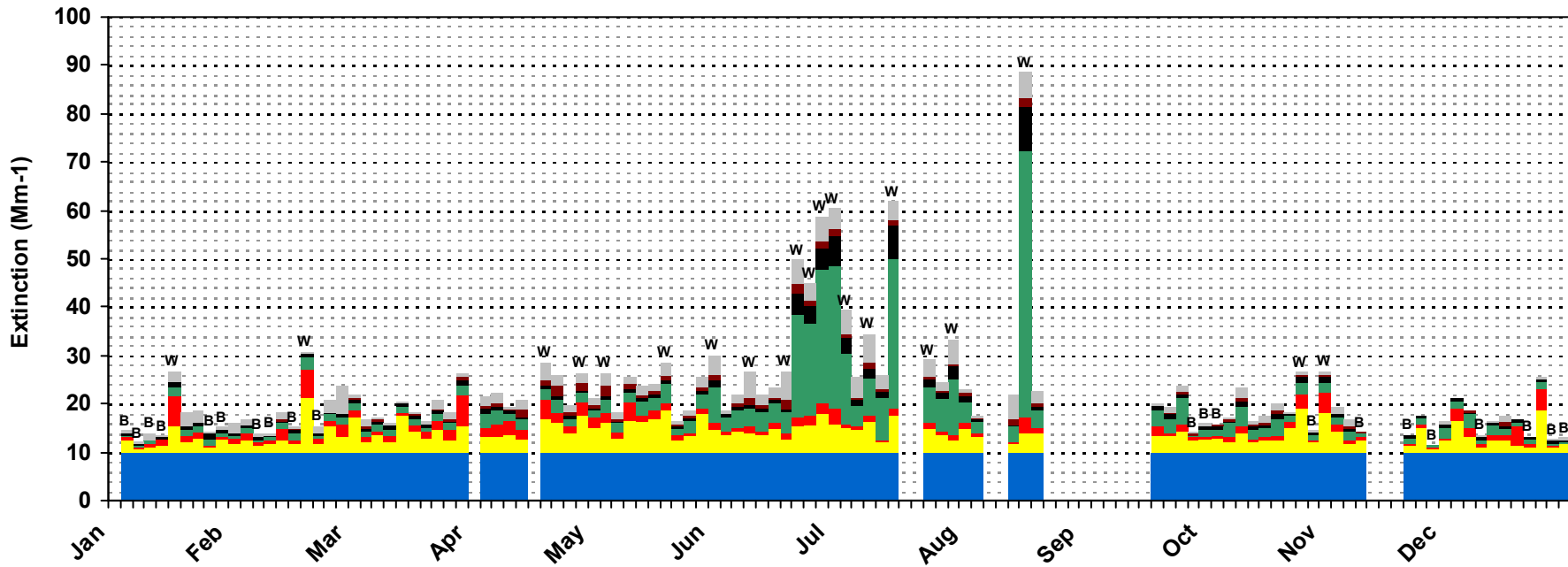
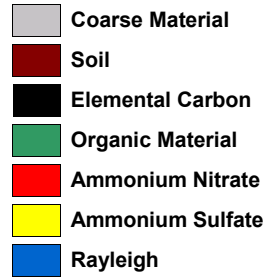
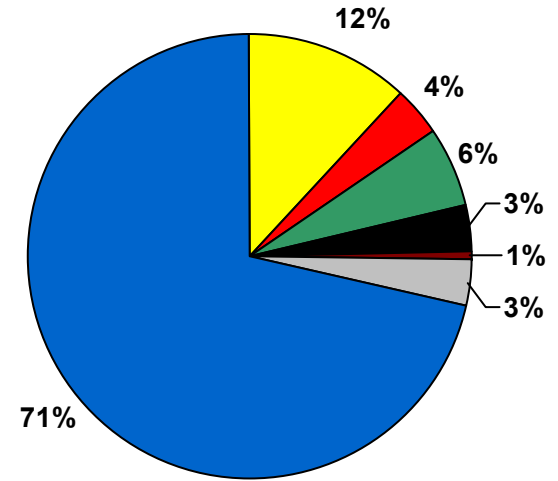
MONITORING DATA

Rawah Wilderness Area, CO 2002 Reconstructed Extinction MOZI1 Monitoring Data (every third day)

20% Worst Visibility Days
Total Extinction = 38 Mm-1 (26 to 89 Mm-1)



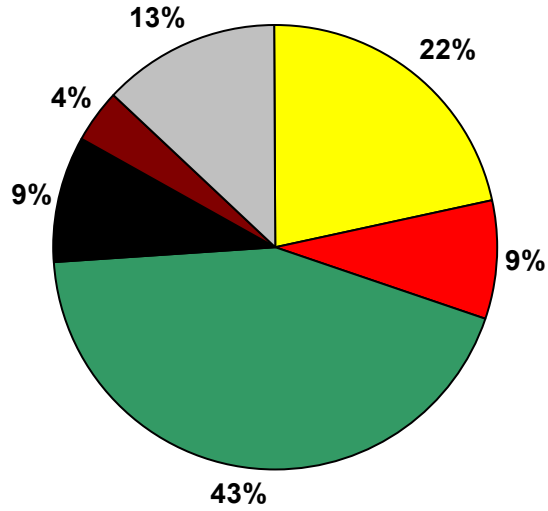
20% Best Visibility Days
Total Extinction = 14 Mm-1 (11 to 16 Mm-1)



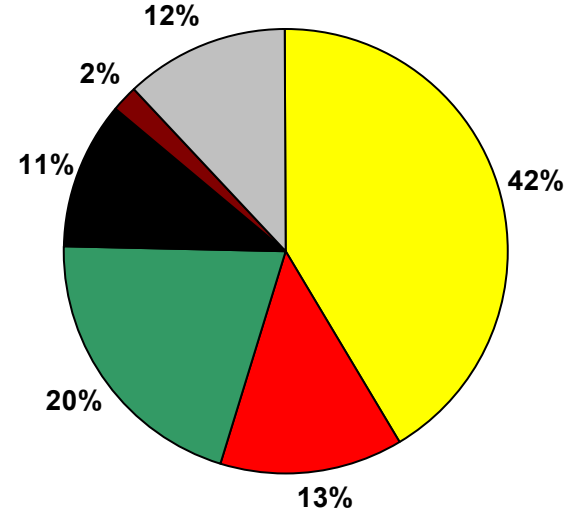
MONITORING DATA

**Rawah Wilderness Area, CO
2002 Reconstructed Extinction
MOZI1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 28 Mm-1 (16 to 79 Mm-1)

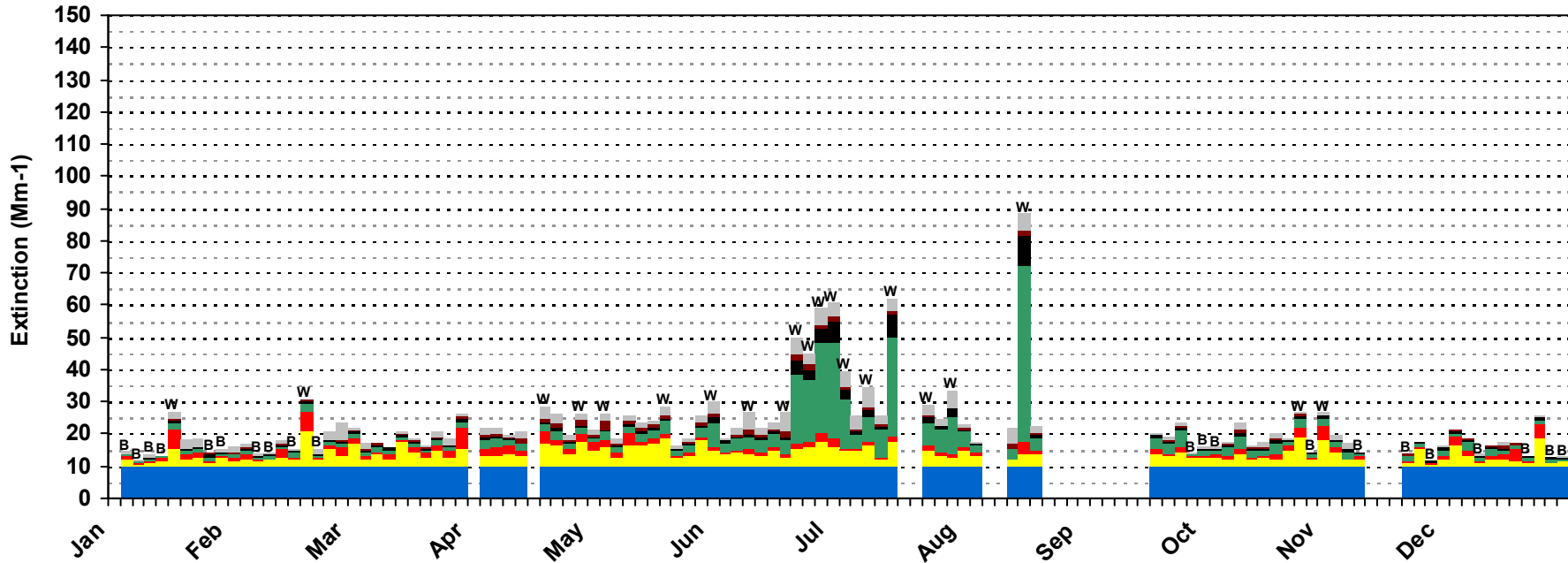


20% Best Visibility Days
Aerosol Extinction* = 4 Mm-1 (1 to 6 Mm-1)



- Coarse Material
- Soil
- Elemental Carbon
- Organic Material
- Ammonium Nitrate
- Ammonium Sulfate
- Rayleigh

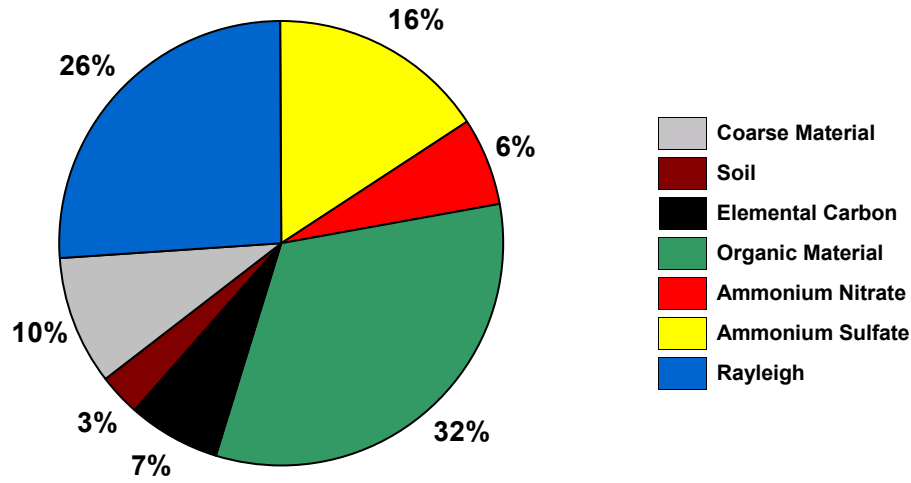
*Excludes Rayleigh Extinction



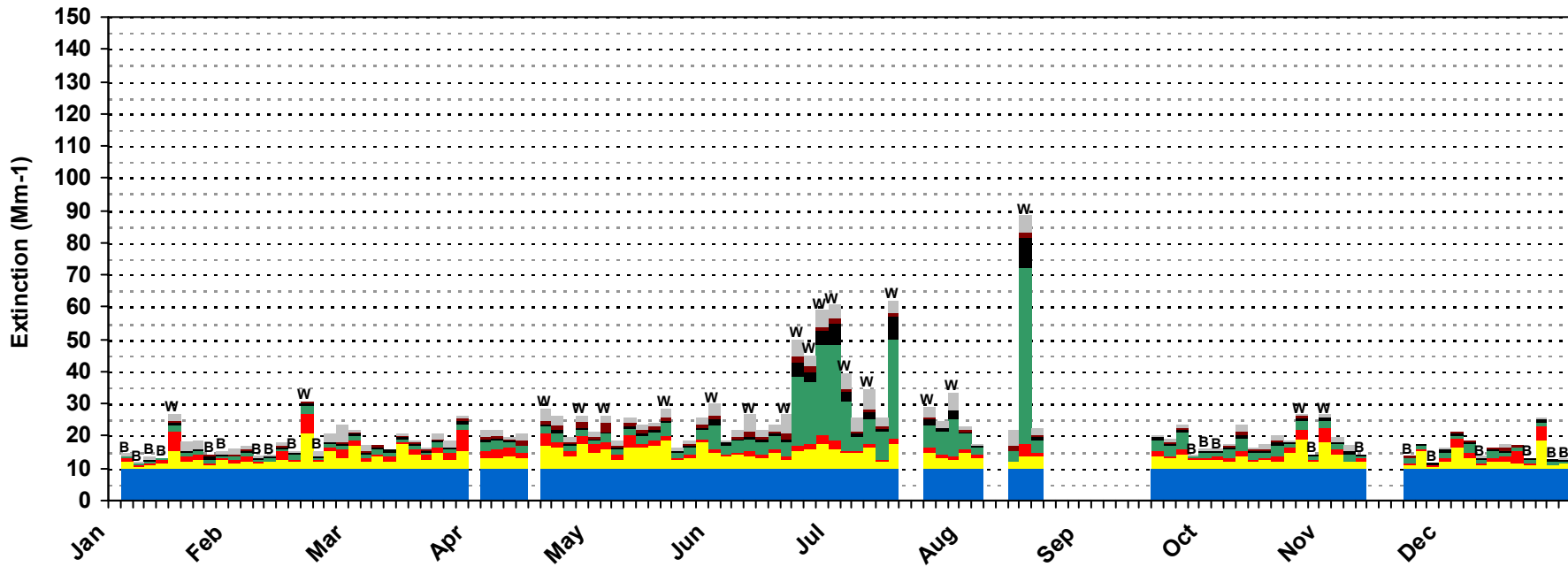
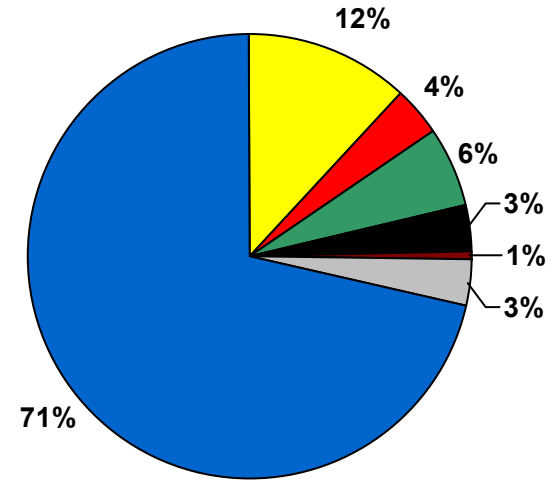
MONITORING DATA

Rawah Wilderness Area, CO 2002 Reconstructed Extinction MOZI1 Monitoring Data (every third day)

20% Worst Visibility Days
Total Extinction = 38 Mm-1 (26 to 89 Mm-1)



20% Best Visibility Days
Total Extinction = 14 Mm-1 (11 to 16 Mm-1)



MONITORING DATA

Rawah Wilderness Area, CO 2002 Reconstructed Extinction Values MOZI1 Monitoring Data (every third day)

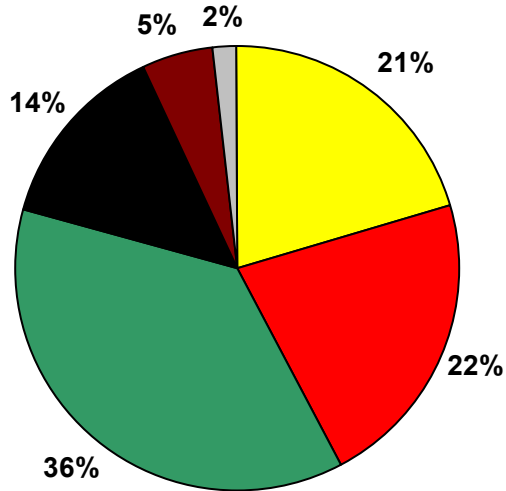
20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	38.3 (13.4 dv)	26.4 (9.7 dv)	88.6 (21.8 dv)
Aerosol Extinction*:	28.3	16.4	78.6
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	6.1	16%	22%
Ammonium Nitrate:	2.4	6%	9%
Organic Material:	12.4	32%	44%
Elemental Carbon:	2.6	7%	9%
Soil:	1.1	3%	4%
Coarse Material:	3.6	9%	13%
Rayleigh:	10.0	26%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	14.0 (3.4 dv)	11.5 (1.4 dv)	15.9 (4.6 dv)
Aerosol Extinction*:	4.0	1.5	5.9
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	1.7	12%	41%
Ammonium Nitrate:	0.5	4%	13%
Organic Material:	0.8	6%	20%
Elemental Carbon:	0.4	3%	11%
Soil:	0.1	1%	2%
Coarse Material:	0.4	3%	10%
Rayleigh:	10.0	71%	N/A

*Excludes Rayleigh Extinction

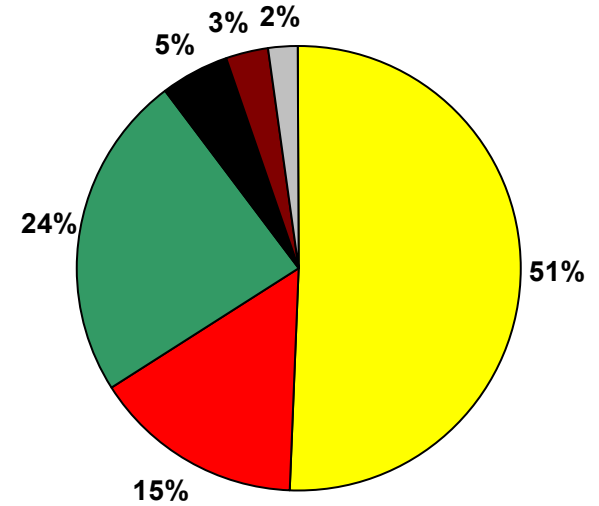
MODEL RESULTS

**Rawah Wilderness Area, CO
2002 Reconstructed Extinction
CMAQ Model Results (every day)**

20% Worst Visibility Days
Aerosol Extinction* = 38 Mm-1 (20 to 458 Mm-1)

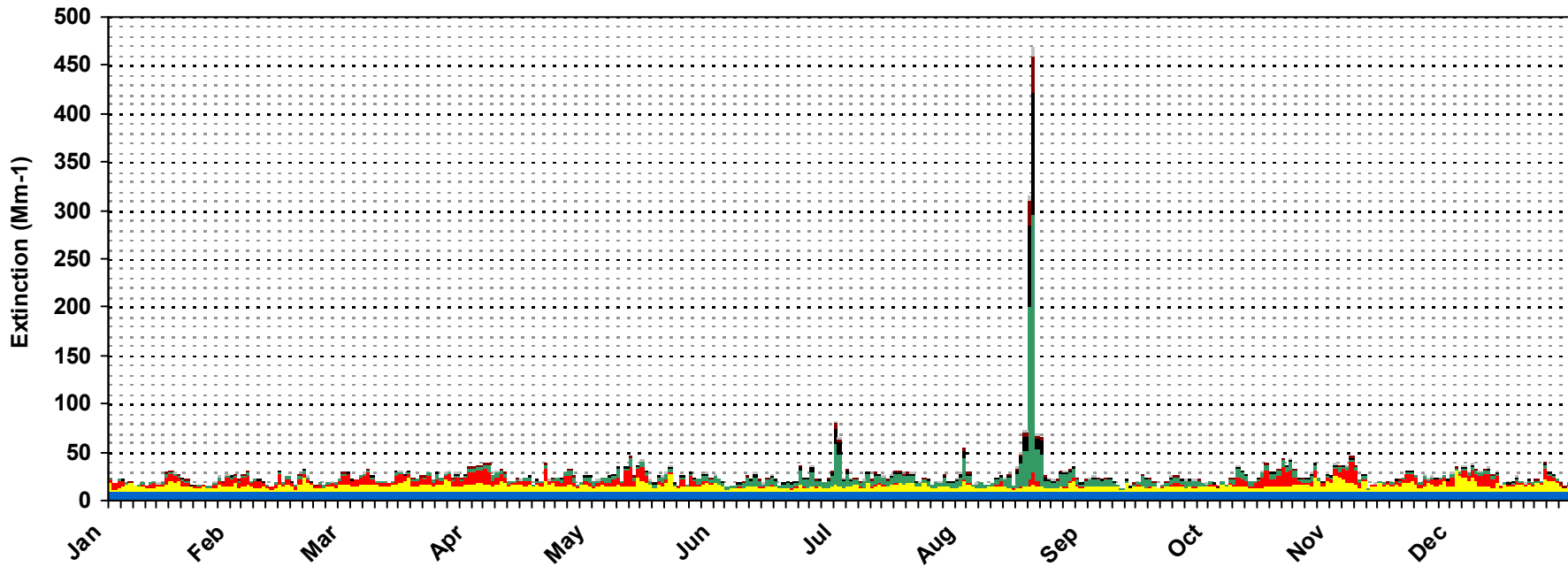


20% Best Visibility Days
Aerosol Extinction* = 7 Mm-1 (2 to 9 Mm-1)



- Coarse Material
- Soil
- Elemental Carbon
- Organic Material
- Ammonium Nitrate
- Ammonium Sulfate
- Rayleigh

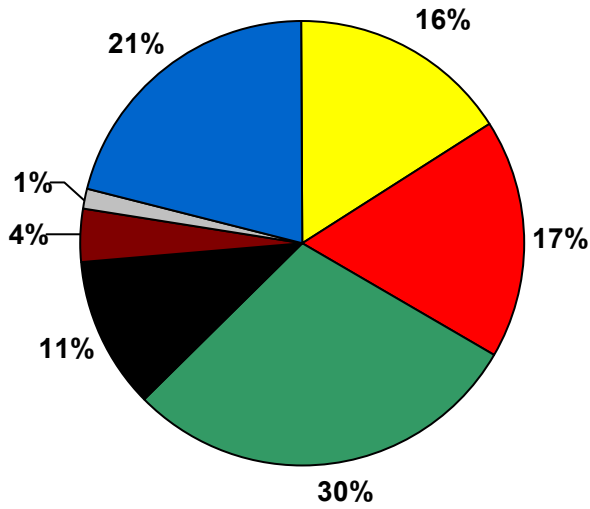
*Excludes Rayleigh Extinction



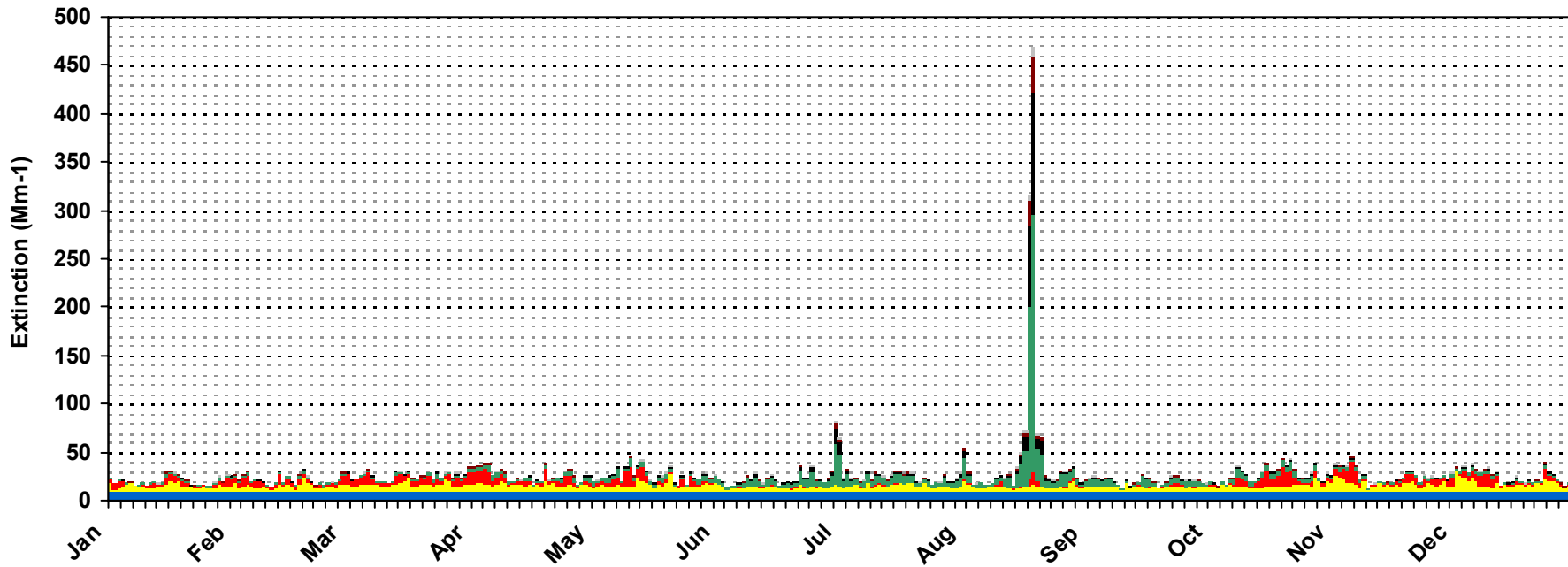
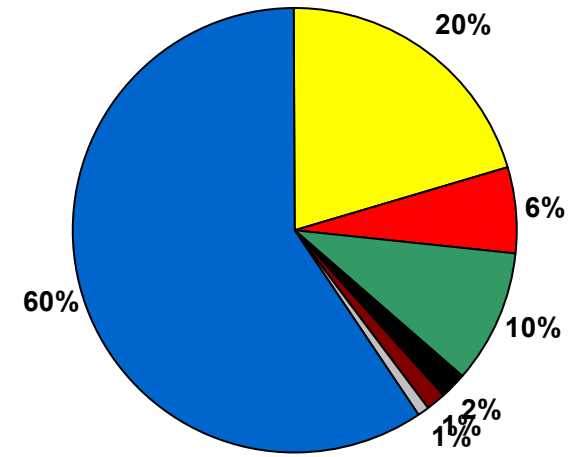
MODEL RESULTS

Rawah Wilderness Area, CO 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Total Extinction = 48 Mm-1 (30 to 468 Mm-1)



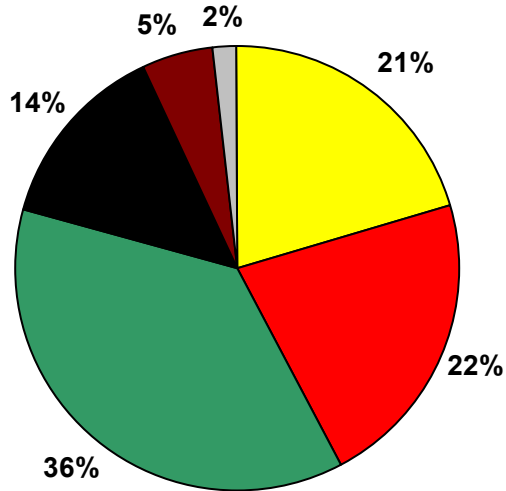
20% Best Visibility Days
Total Extinction = 17 Mm-1 (12 to 19 Mm-1)



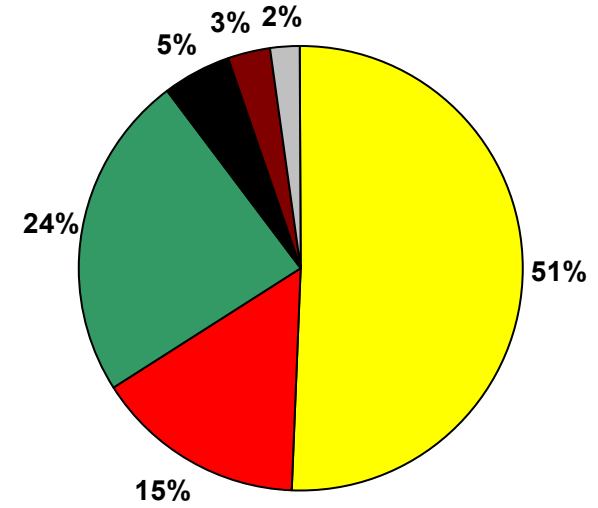
MODEL RESULTS

Rawah Wilderness Area, CO 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Aerosol Extinction* = 38 Mm⁻¹ (20 to 458 Mm⁻¹)

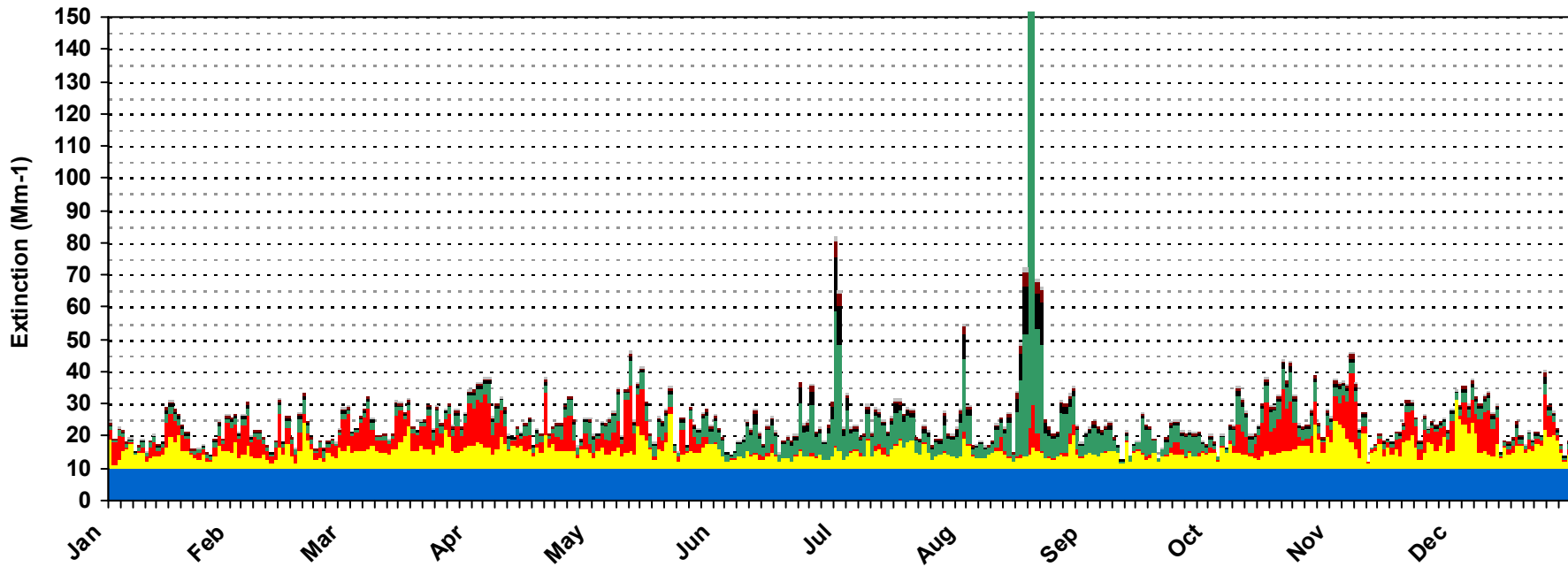


20% Best Visibility Days
Aerosol Extinction* = 7 Mm⁻¹ (2 to 9 Mm⁻¹)



- Coarse Material
- Soil
- Elemental Carbon
- Organic Material
- Ammonium Nitrate
- Ammonium Sulfate
- Rayleigh

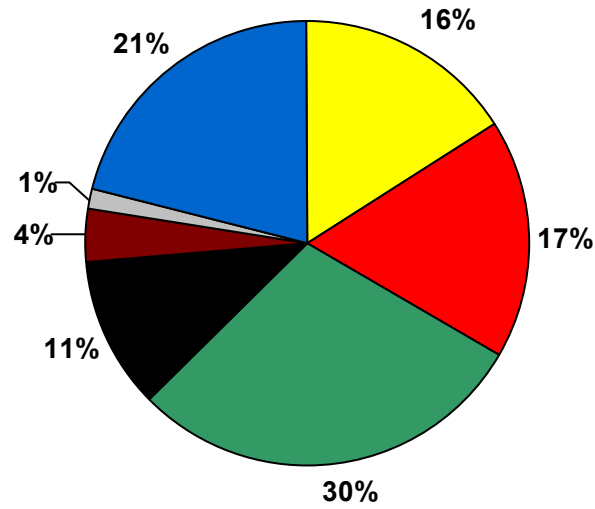
*Excludes Rayleigh Extinction



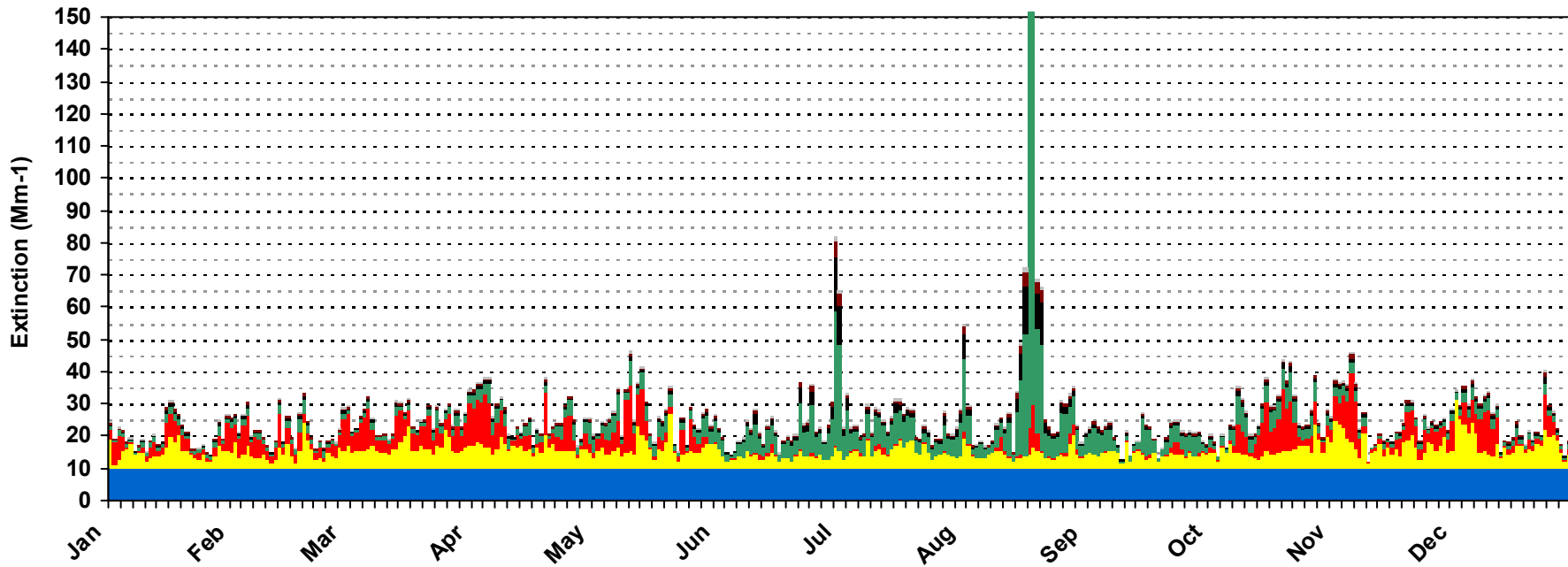
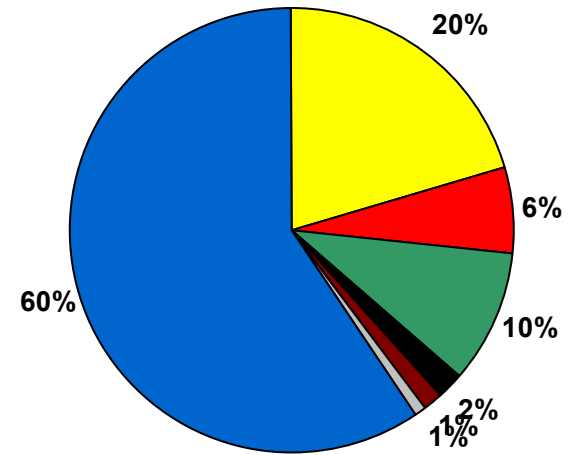
MODEL RESULTS

Rawah Wilderness Area, CO 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Total Extinction = 48 Mm-1 (30 to 468 Mm-1)



20% Best Visibility Days
Total Extinction = 17 Mm-1 (12 to 19 Mm-1)



MODEL RESULTS

Rawah Wilderness Area, CO 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	47.5 (15.6 dv)	30.1 (11.0 dv)	468.1 (38.5 dv)
Aerosol Extinction*:	37.5	20.1	458.1
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	7.7	16%	21%
Ammonium Nitrate:	8.1	17%	22%
Organic Material:	13.8	29%	37%
Elemental Carbon:	5.2	11%	14%
Soil:	1.9	4%	5%
Coarse Material:	0.7	1%	2%
Rayleigh:	10.0	21%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	16.8 (5.2 dv)	12.2 (2.0 dv)	18.9 (6.4 dv)
Aerosol Extinction*:	6.8	2.2	8.9
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	3.4	20%	51%
Ammonium Nitrate:	1.0	6%	15%
Organic Material:	1.6	10%	24%
Elemental Carbon:	0.3	2%	5%
Soil:	0.2	1%	3%
Coarse Material:	0.2	1%	2%
Rayleigh:	10.0	59%	N/A

*Excludes Rayleigh Extinction