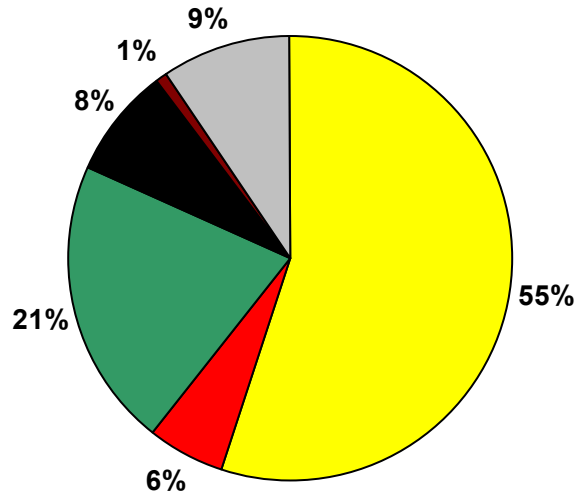


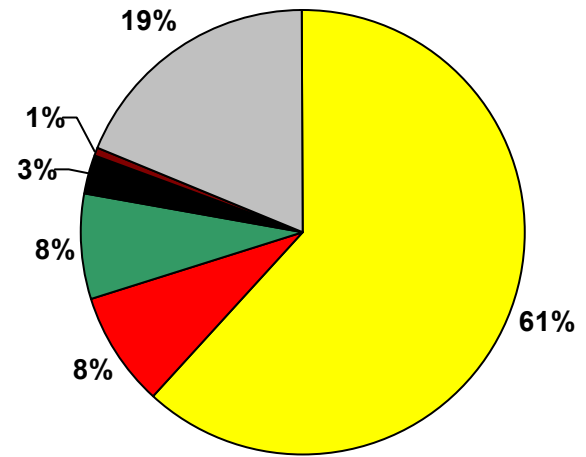
MONITORING DATA

**Simeonof Wilderness Area, AK
2002 Reconstructed Extinction
SIME1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 37 Mm⁻¹ (28 to 69 Mm⁻¹)

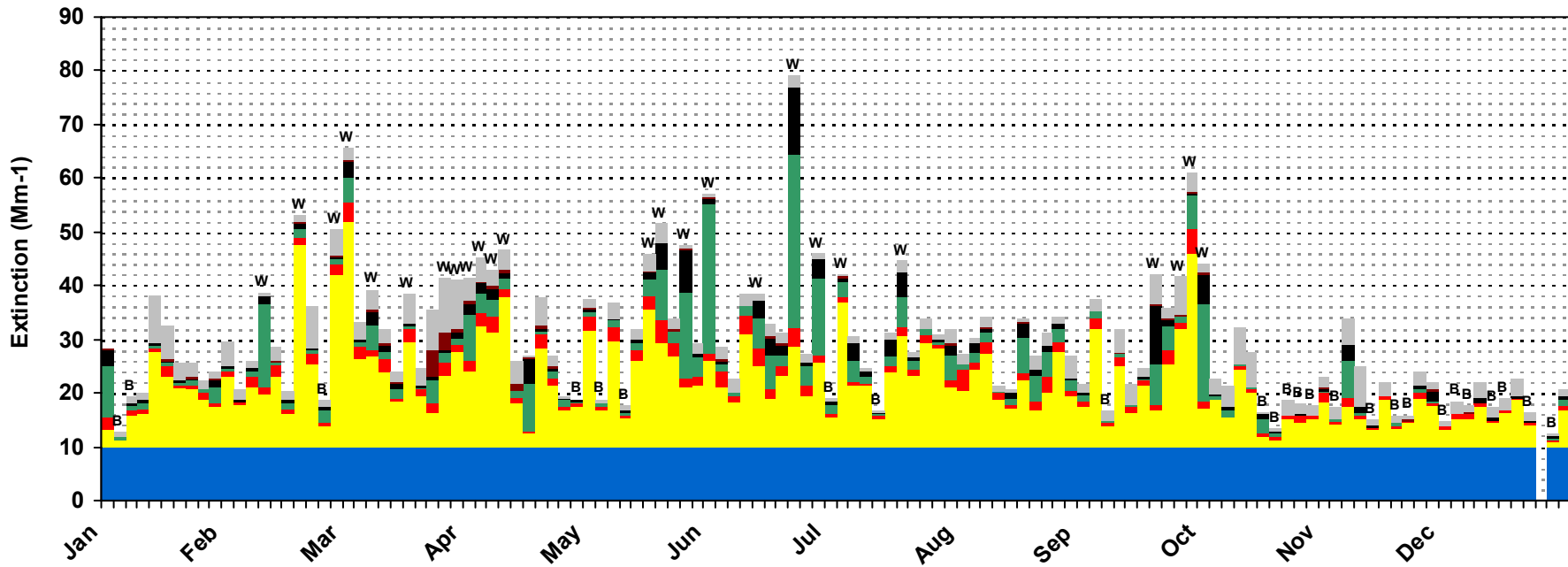


20% Best Visibility Days
Aerosol Extinction* = 7 Mm⁻¹ (3 to 9 Mm⁻¹)



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

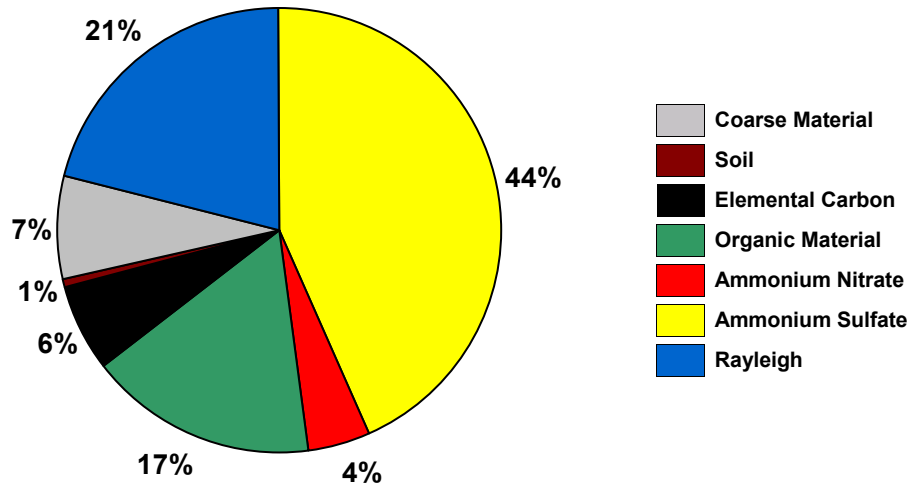
*Excludes Rayleigh Extinction



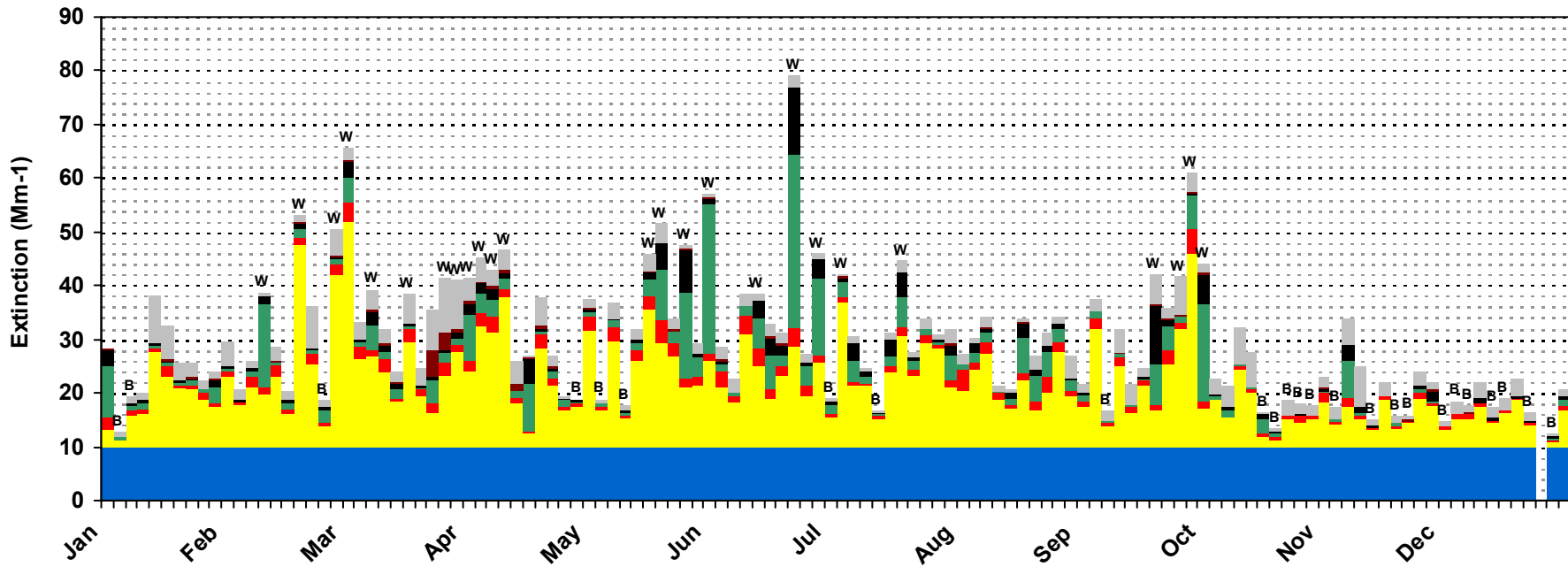
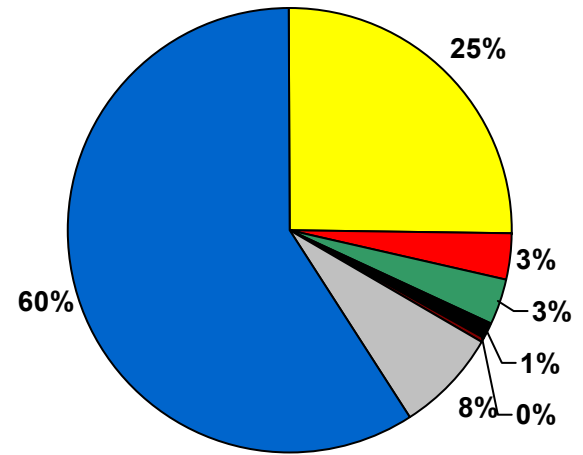
MONITORING DATA

**Simeonof Wilderness Area, AK
2002 Reconstructed Extinction
SIME1 Monitoring Data (every third day)**

20% Worst Visibility Days
Total Extinction = 47 Mm-1 (38 to 79 Mm-1)



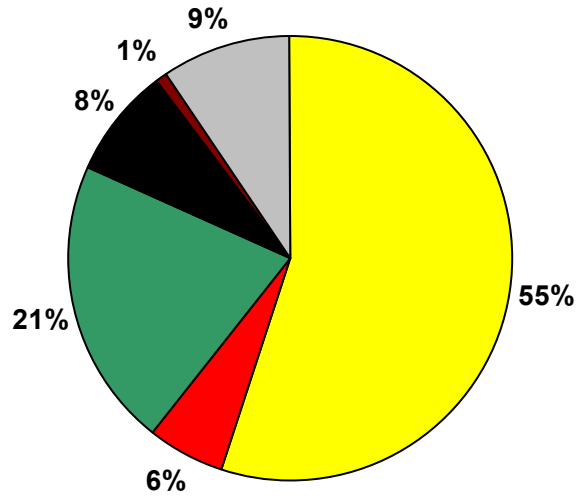
20% Best Visibility Days
Total Extinction = 17 Mm-1 (13 to 19 Mm-1)



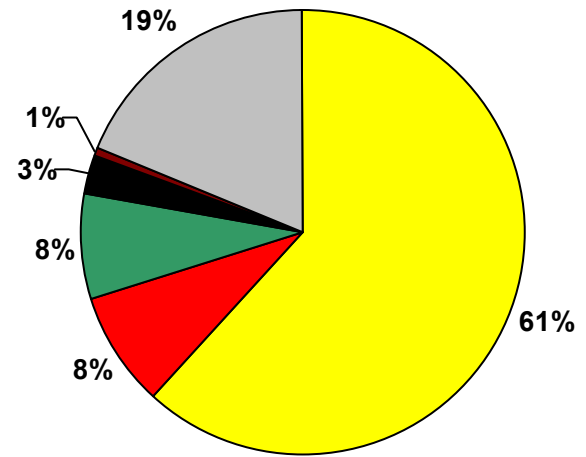
MONITORING DATA

Simeonof Wilderness Area, AK 2002 Reconstructed Extinction SIME1 Monitoring Data (every third day)

20% Worst Visibility Days
Aerosol Extinction* = 37 Mm-1 (28 to 69 Mm-1)

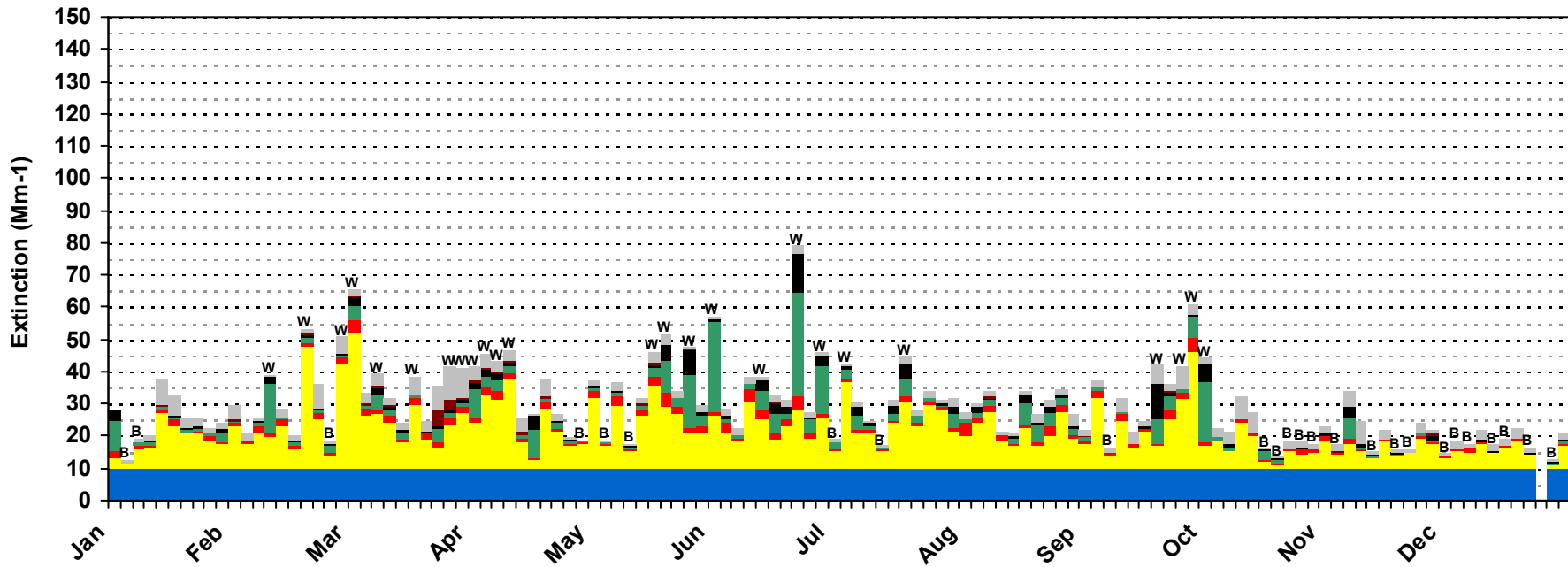


20% Best Visibility Days
Aerosol Extinction* = 7 Mm-1 (3 to 9 Mm-1)



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

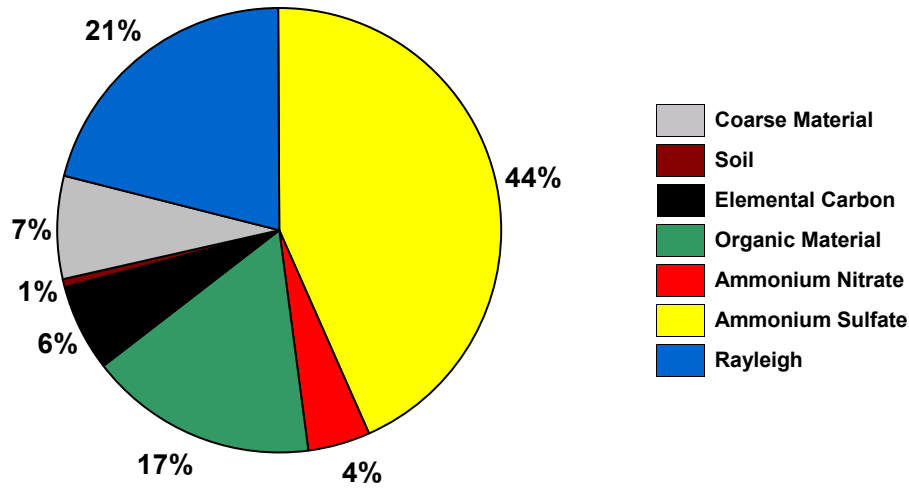
*Excludes Rayleigh Extinction



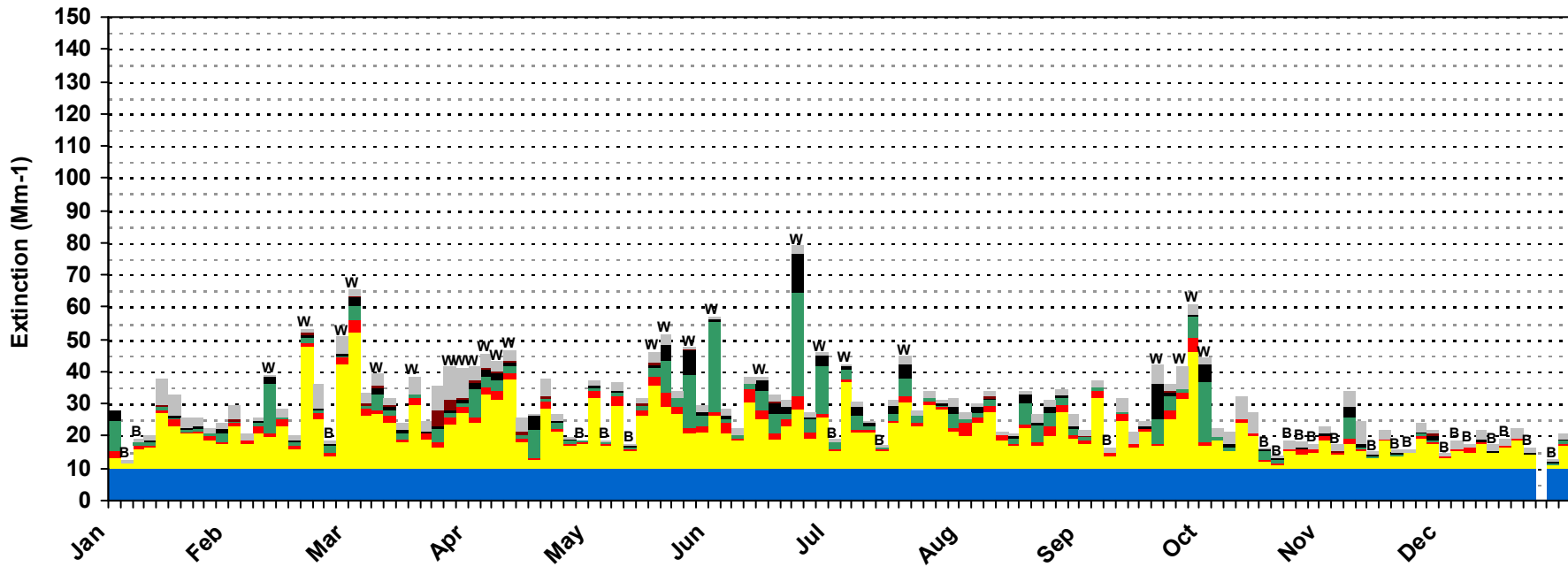
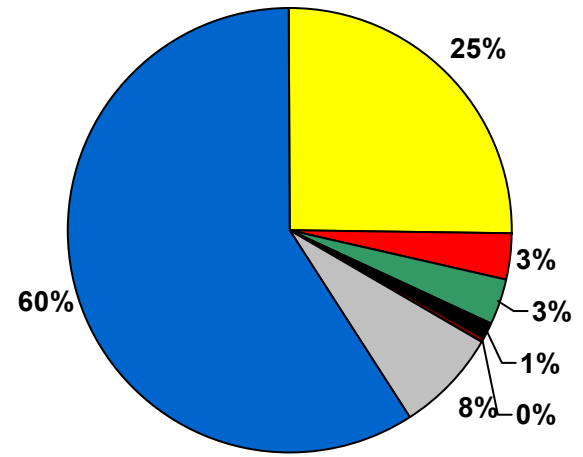
MONITORING DATA

**Simeonof Wilderness Area, AK
2002 Reconstructed Extinction
SIME1 Monitoring Data (every third day)**

20% Worst Visibility Days
Total Extinction = 47 Mm-1 (38 to 79 Mm-1)



20% Best Visibility Days
Total Extinction = 17 Mm-1 (13 to 19 Mm-1)



MONITORING DATA

Simeonof Wilderness Area, AK 2002 Reconstructed Extinction Values SIME1 Monitoring Data (every third day)

20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	47.5 (15.6 dv)	38.5 (13.5 dv)	79.3 (20.7 dv)
Aerosol Extinction*:	37.5	28.5	69.3
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	20.6	43%	55%
Ammonium Nitrate:	2.1	4%	6%
Organic Material:	8.0	17%	21%
Elemental Carbon:	3.0	6%	8%
Soil:	0.4	1%	1%
Coarse Material:	3.5	7%	9%
Rayleigh:	10.0	21%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	16.9 (5.3 dv)	12.6 (2.3 dv)	19.3 (6.6 dv)
Aerosol Extinction*:	6.9	2.6	9.3
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	4.3	25%	62%
Ammonium Nitrate:	0.6	3%	8%
Organic Material:	0.5	3%	8%
Elemental Carbon:	0.2	1%	3%
Soil:	0.0	0%	1%
Coarse Material:	1.3	8%	19%
Rayleigh:	10.0	59%	N/A

*Excludes Rayleigh Extinction