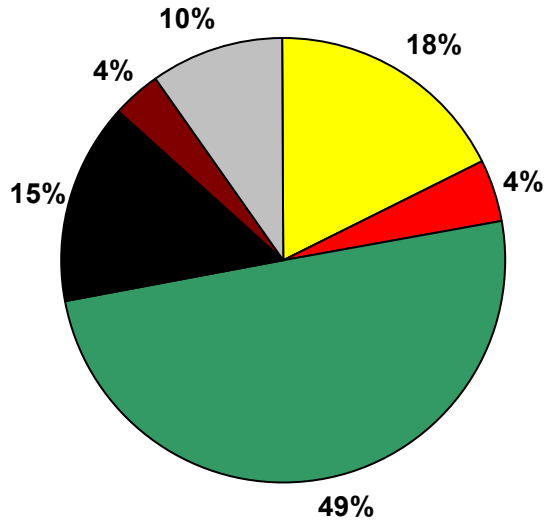


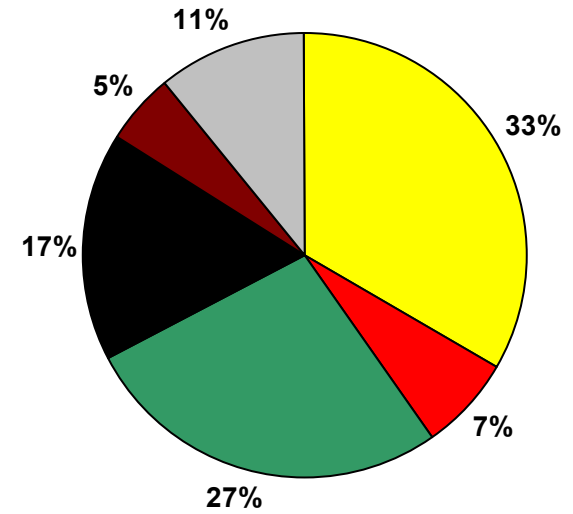
MONITORING DATA

**Mount Baldy Wilderness Area, AZ
2002 Reconstructed Extinction
BALD1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 33 Mm-1 (16 to 213 Mm-1)

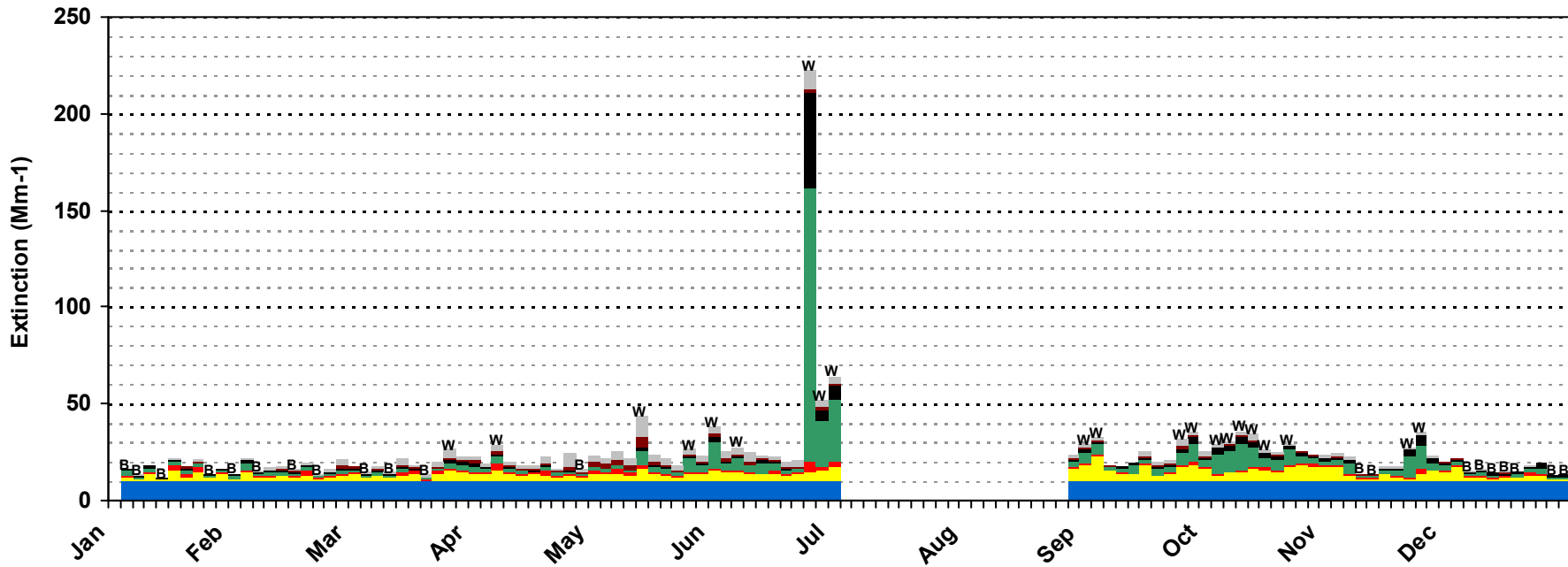


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (2 to 7 Mm-1)



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

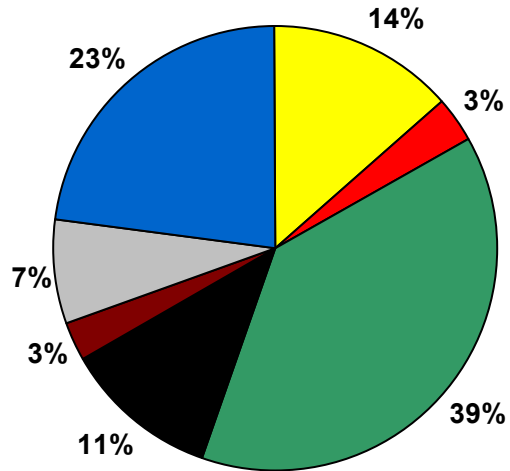
*Excludes Rayleigh Extinction



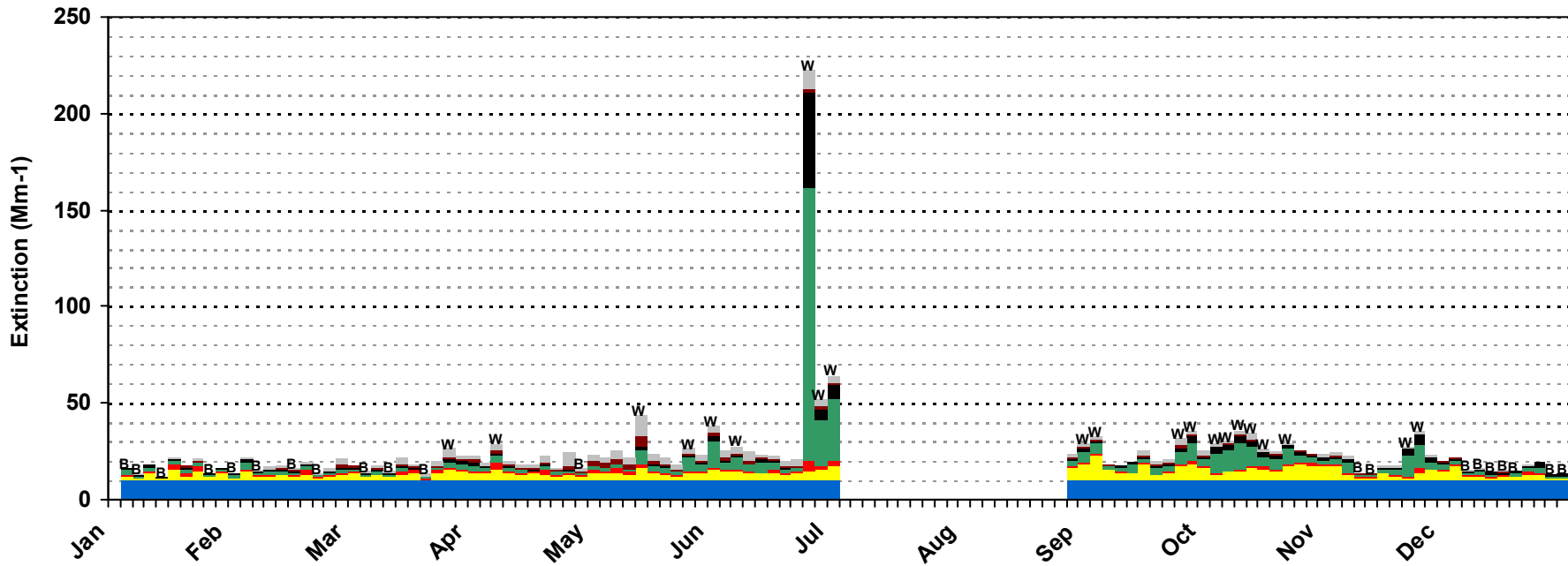
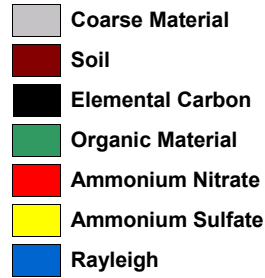
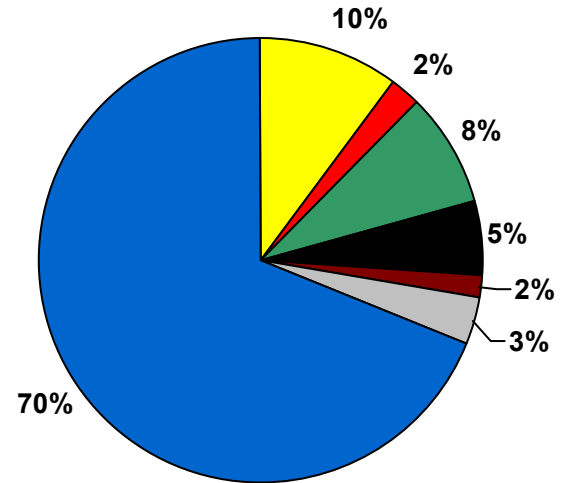
MONITORING DATA

**Mount Baldy Wilderness Area, AZ
2002 Reconstructed Extinction
BALD1 Monitoring Data (every third day)**

20% Worst Visibility Days
Total Extinction = 43 Mm-1 (26 to 223 Mm-1)



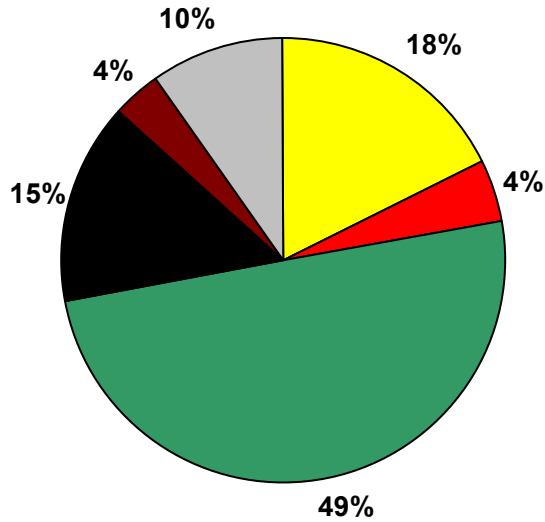
20% Best Visibility Days
Total Extinction = 15 Mm-1 (12 to 17 Mm-1)



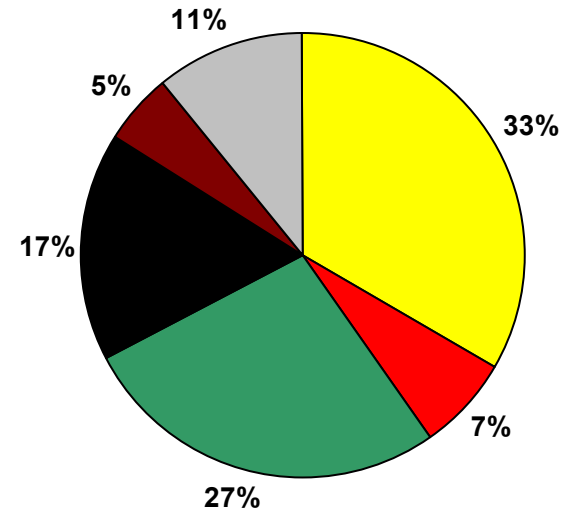
MONITORING DATA

**Mount Baldy Wilderness Area, AZ
2002 Reconstructed Extinction
BALD1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 33 Mm-1 (16 to 213 Mm-1)

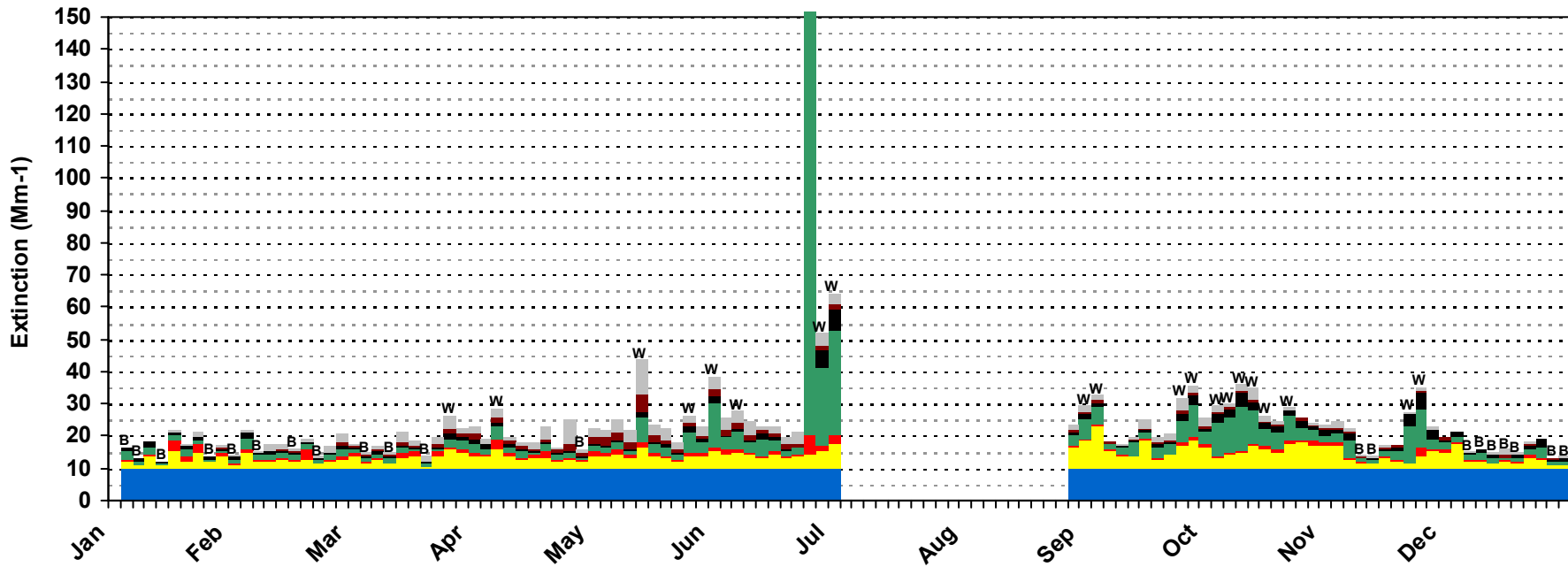


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (2 to 7 Mm-1)



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

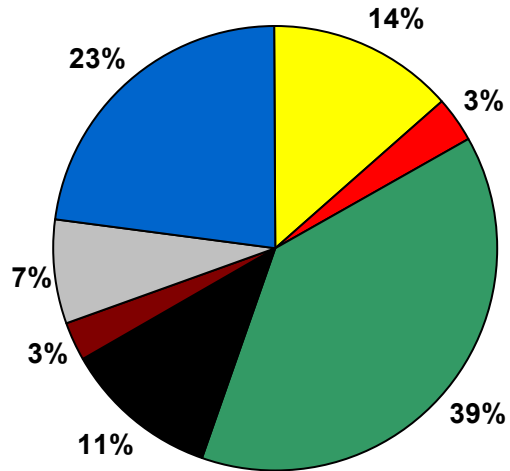
*Excludes Rayleigh Extinction



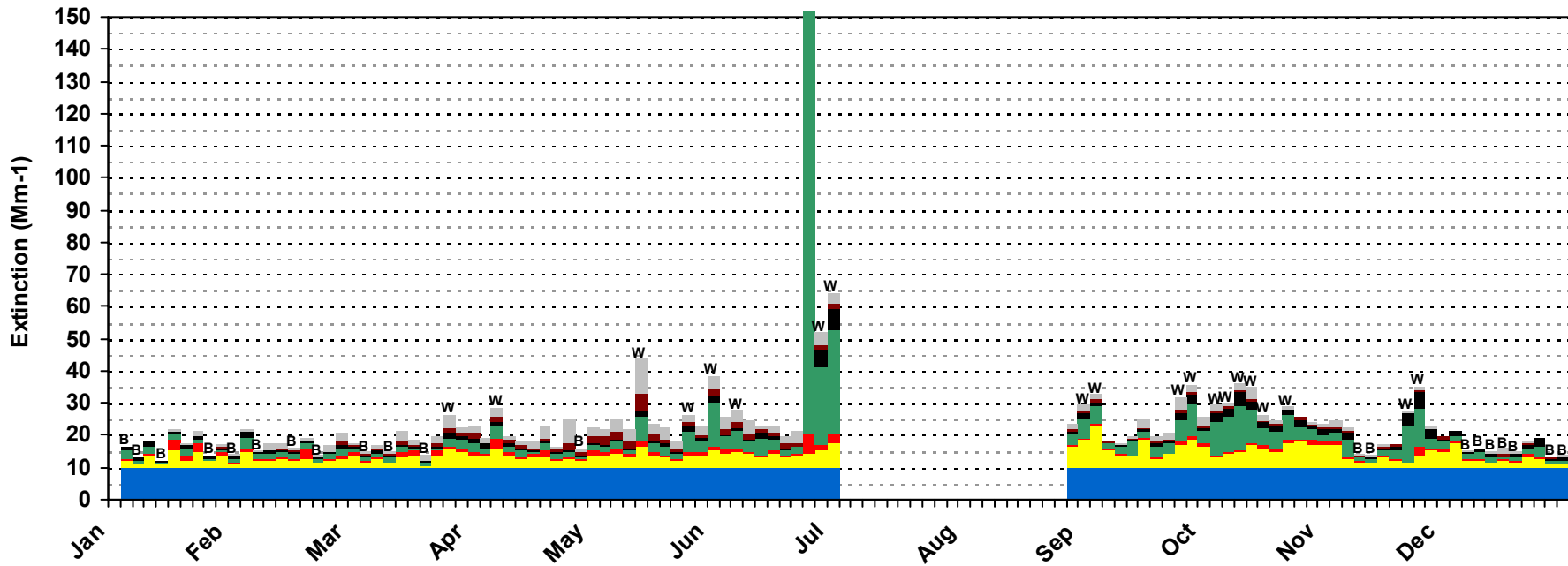
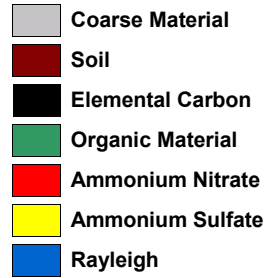
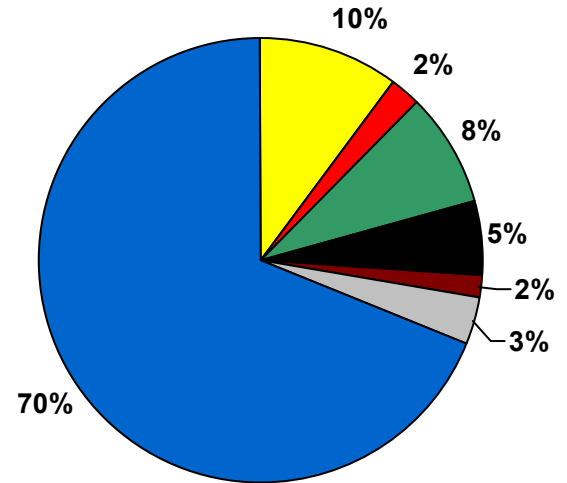
MONITORING DATA

**Mount Baldy Wilderness Area, AZ
2002 Reconstructed Extinction
BALD1 Monitoring Data (every third day)**

20% Worst Visibility Days
Total Extinction = 43 Mm-1 (26 to 223 Mm-1)



20% Best Visibility Days
Total Extinction = 15 Mm-1 (12 to 17 Mm-1)



MONITORING DATA

Mount Baldy Wilderness Area, AZ 2002 Reconstructed Extinction Values BALD1 Monitoring Data (every third day)

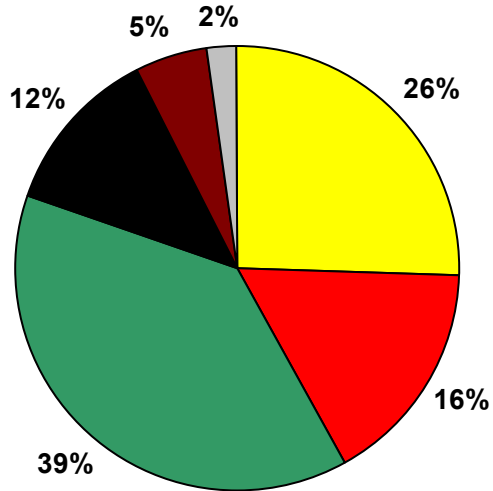
20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	43.2 (14.6 dv)	26.3 (9.7 dv)	222.6 (31.0 dv)
Aerosol Extinction*:	33.2	16.3	212.6
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	5.9	14%	18%
Ammonium Nitrate:	1.5	3%	4%
Organic Material:	16.5	38%	50%
Elemental Carbon:	4.9	11%	15%
Soil:	1.2	3%	4%
Coarse Material:	3.2	7%	10%
Rayleigh:	10.0	23%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	14.5 (3.7 dv)	12.0 (1.9 dv)	16.6 (5.1 dv)
Aerosol Extinction*:	4.5	2.0	6.6
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	1.5	10%	33%
Ammonium Nitrate:	0.3	2%	7%
Organic Material:	1.2	8%	27%
Elemental Carbon:	0.8	5%	17%
Soil:	0.2	2%	5%
Coarse Material:	0.4	3%	9%
Rayleigh:	10.0	69%	N/A

*Excludes Rayleigh Extinction

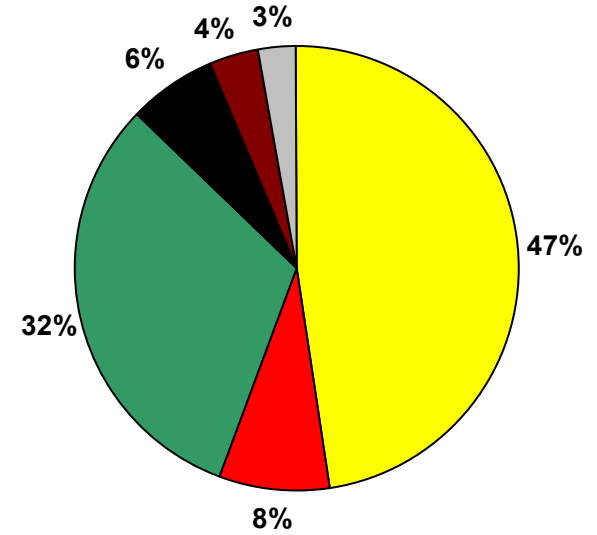
MODEL RESULTS

Mount Baldy Wilderness Area, AZ 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Aerosol Extinction* = 27 Mm-1 (17 to 176 Mm-1)

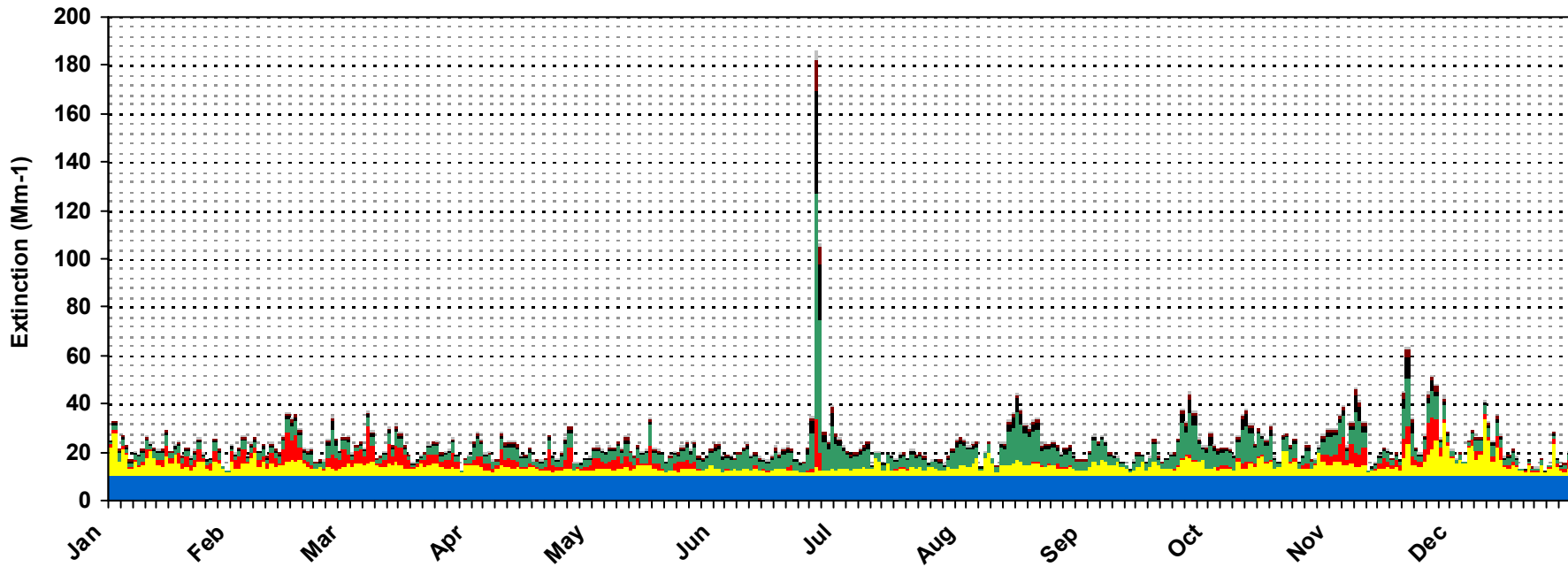


20% Best Visibility Days
Aerosol Extinction* = 6 Mm-1 (2 to 8 Mm-1)



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

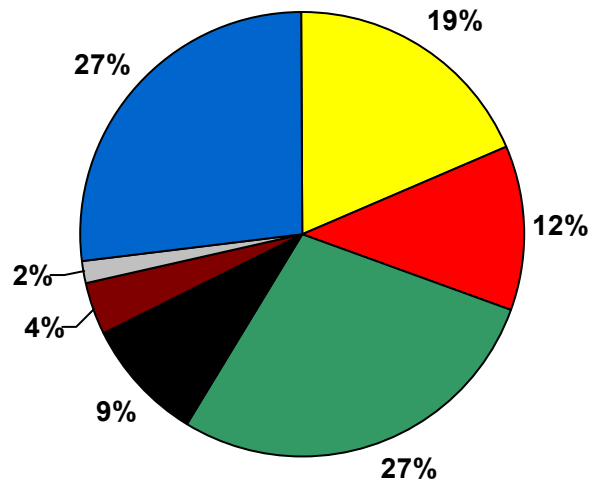
*Excludes Rayleigh Extinction



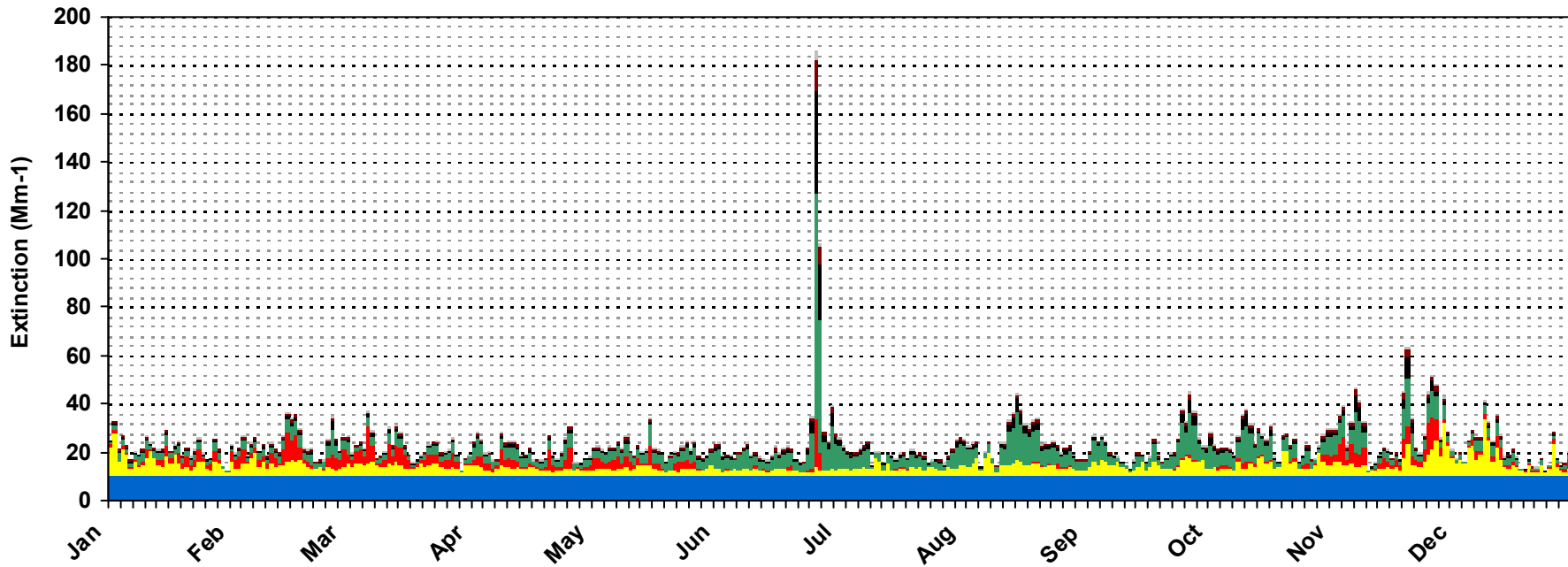
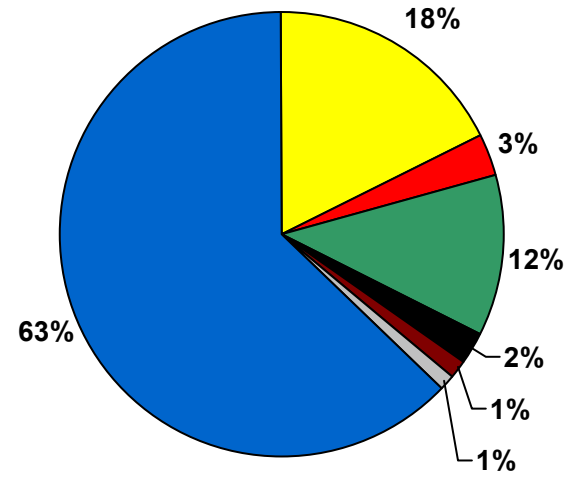
MODEL RESULTS

Mount Baldy Wilderness Area, AZ 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Total Extinction = 37 Mm-1 (27 to 186 Mm-1)



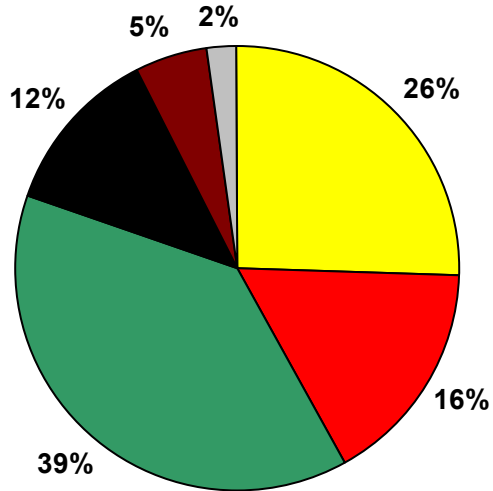
20% Best Visibility Days
Total Extinction = 16 Mm-1 (12 to 18 Mm-1)



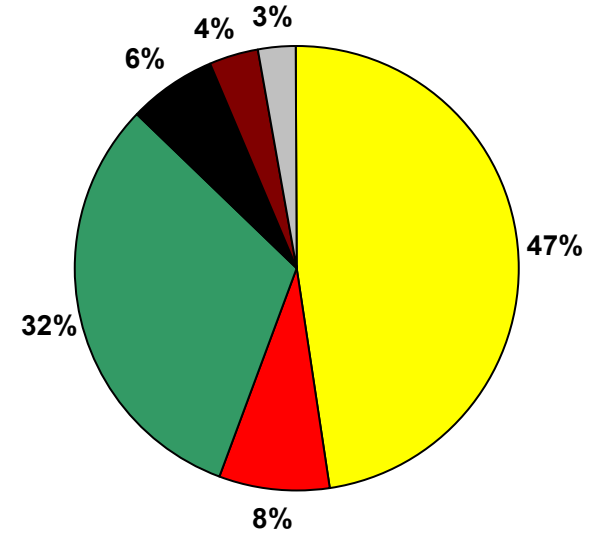
MODEL RESULTS

Mount Baldy Wilderness Area, AZ 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Aerosol Extinction* = 27 Mm⁻¹ (17 to 176 Mm⁻¹)

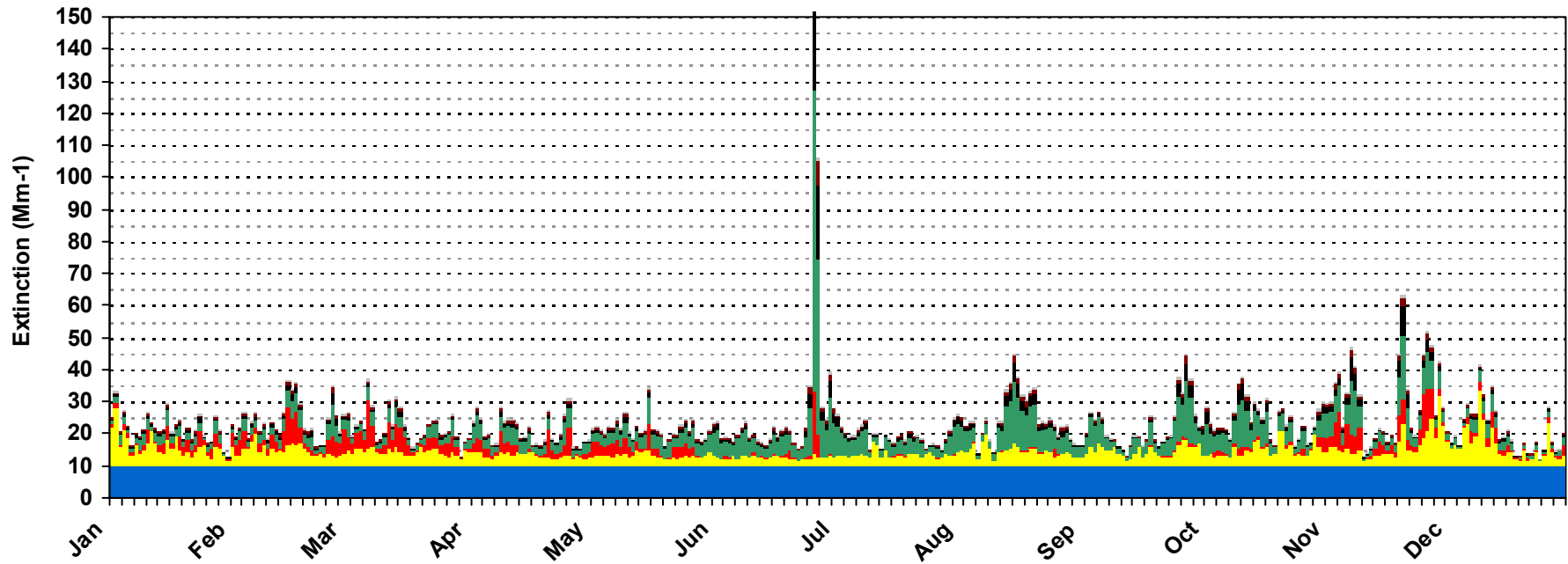


20% Best Visibility Days
Aerosol Extinction* = 6 Mm⁻¹ (2 to 8 Mm⁻¹)



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

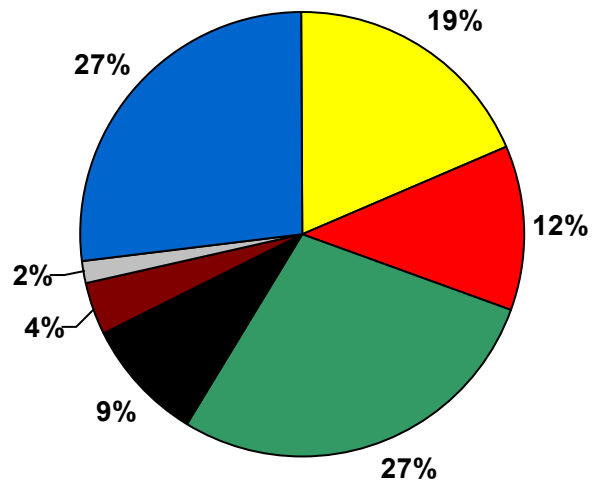
*Excludes Rayleigh Extinction



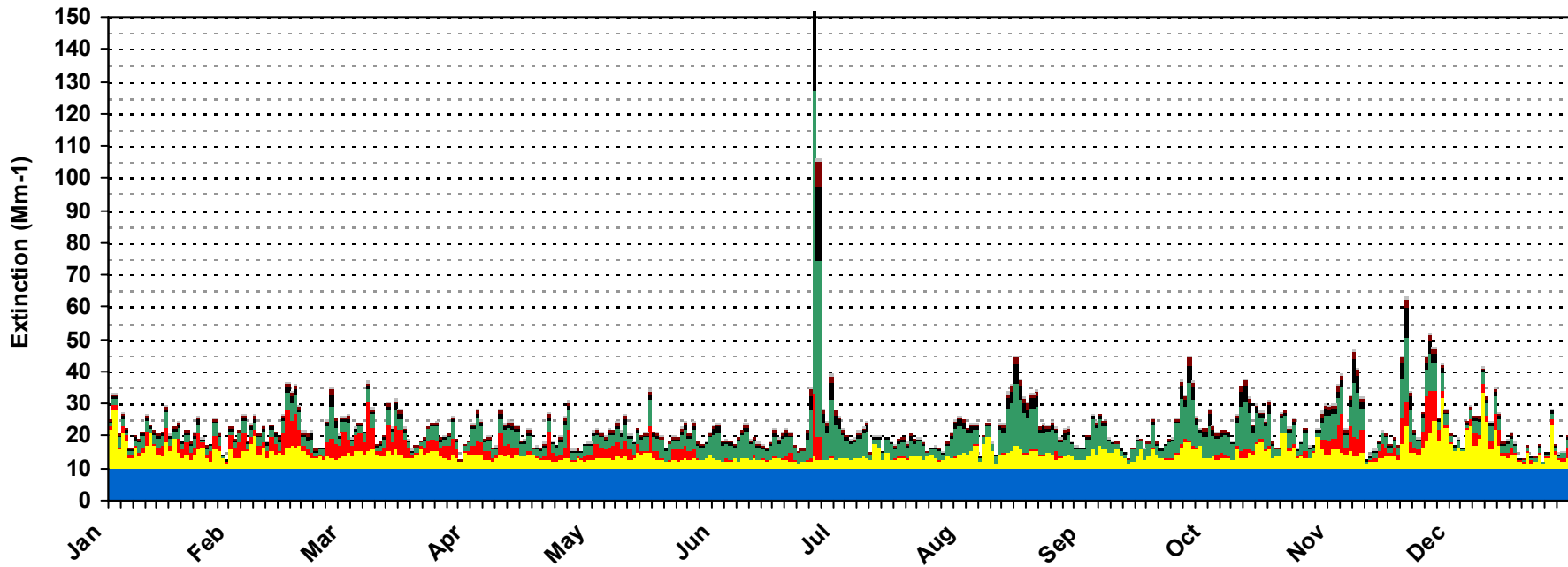
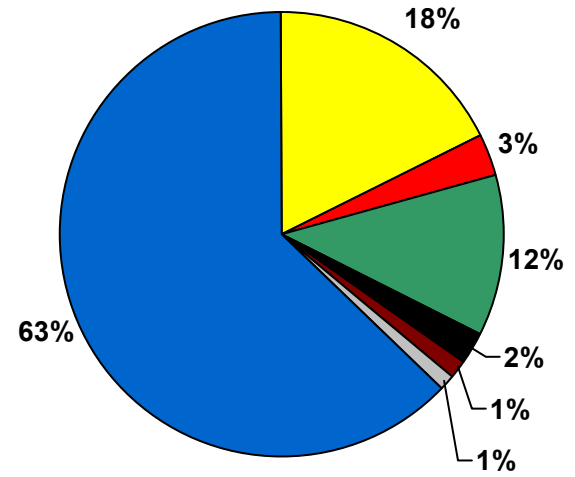
MODEL RESULTS

Mount Baldy Wilderness Area, AZ 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Total Extinction = 37 Mm-1 (27 to 186 Mm-1)



20% Best Visibility Days
Total Extinction = 16 Mm-1 (12 to 18 Mm-1)



MODEL RESULTS

Mount Baldy Wilderness Area, AZ 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	37.2 (13.1 dv)	26.8 (9.9 dv)	186.0 (29.2 dv)
Aerosol Extinction*:	27.2	16.8	176.0
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	7.0	19%	26%
Ammonium Nitrate:	4.4	12%	16%
Organic Material:	10.4	28%	38%
Elemental Carbon:	3.3	9%	12%
Soil:	1.4	4%	5%
Coarse Material:	0.6	2%	2%
Rayleigh:	10.0	27%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	15.9 (4.7 dv)	12.2 (2.0 dv)	17.8 (5.8 dv)
Aerosol Extinction*:	5.9	2.2	7.8
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	2.8	18%	48%
Ammonium Nitrate:	0.5	3%	8%
Organic Material:	1.9	12%	32%
Elemental Carbon:	0.4	2%	6%
Soil:	0.2	1%	4%
Coarse Material:	0.2	1%	3%
Rayleigh:	10.0	63%	N/A

*Excludes Rayleigh Extinction