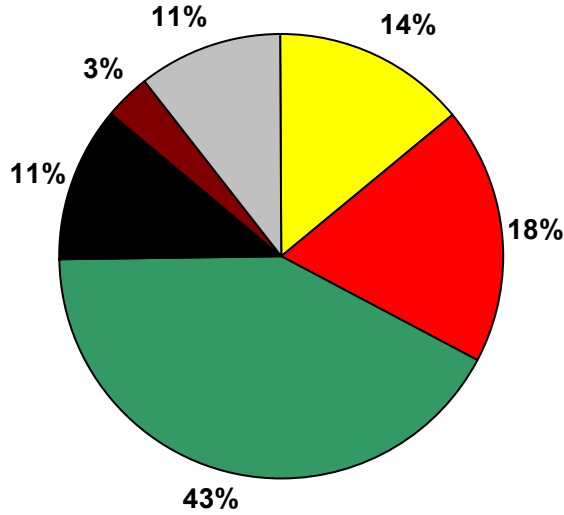


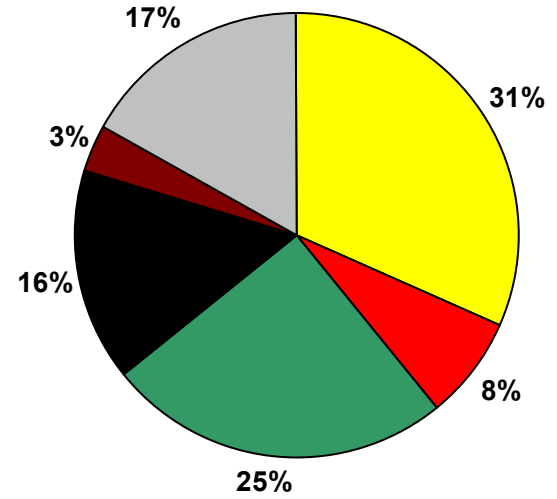
MONITORING DATA

**Kaiser Wilderness Area, CA
2002 Reconstructed Extinction
KAIS1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 49 Mm-1 (33 to 73 Mm-1)

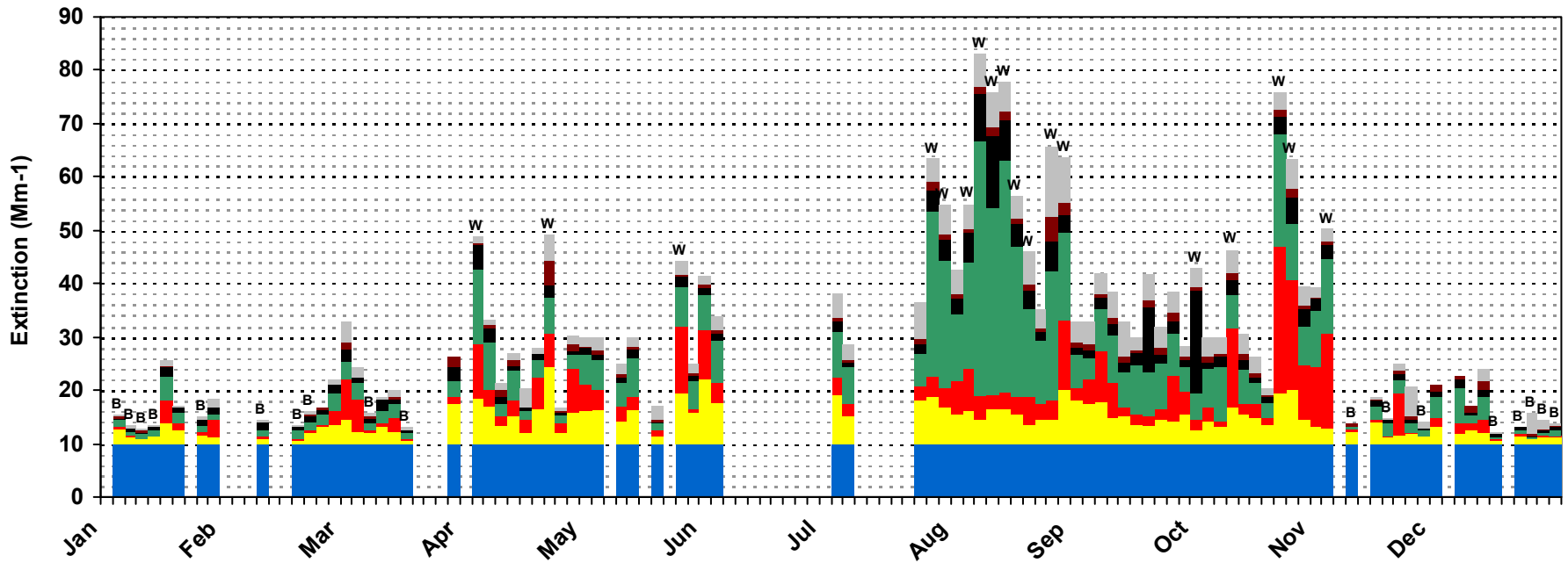


20% Best Visibility Days
Aerosol Extinction* = 4 Mm-1 (2 to 6 Mm-1)



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

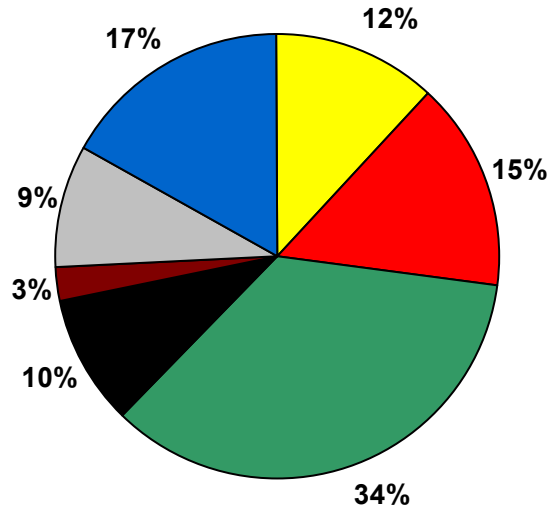
*Excludes Rayleigh Extinction



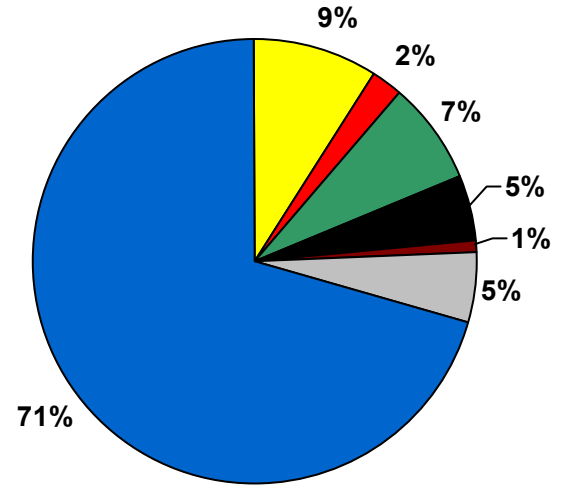
MONITORING DATA

**Kaiser Wilderness Area, CA
2002 Reconstructed Extinction
KAIS1 Monitoring Data (every third day)**

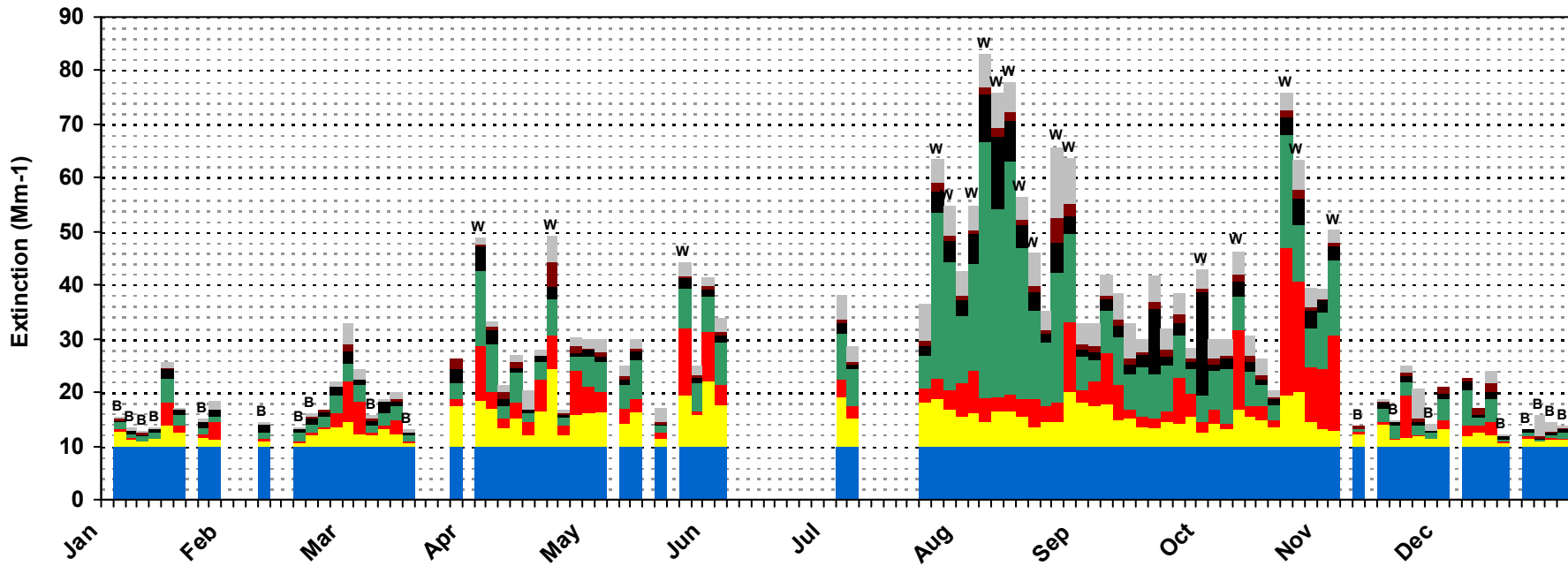
20% Worst Visibility Days
Total Extinction = 59 Mm-1 (43 to 83 Mm-1)



20% Best Visibility Days
Total Extinction = 14 Mm-1 (12 to 16 Mm-1)



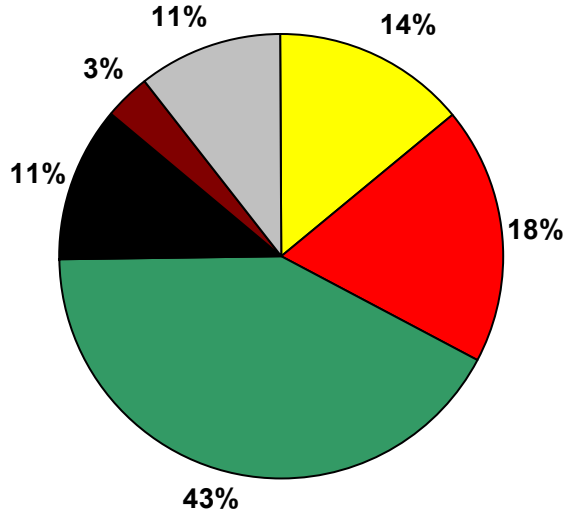
- Coarse Material
- Soil
- Elemental Carbon
- Organic Material
- Ammonium Nitrate
- Ammonium Sulfate
- Rayleigh



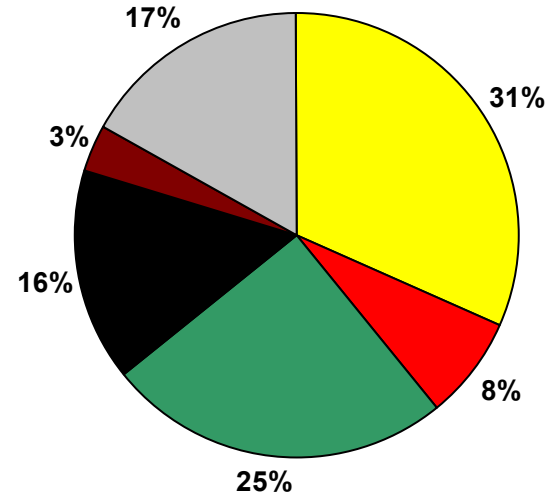
MONITORING DATA

**Kaiser Wilderness Area, CA
2002 Reconstructed Extinction
KAIS1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 49 Mm-1 (33 to 73 Mm-1)

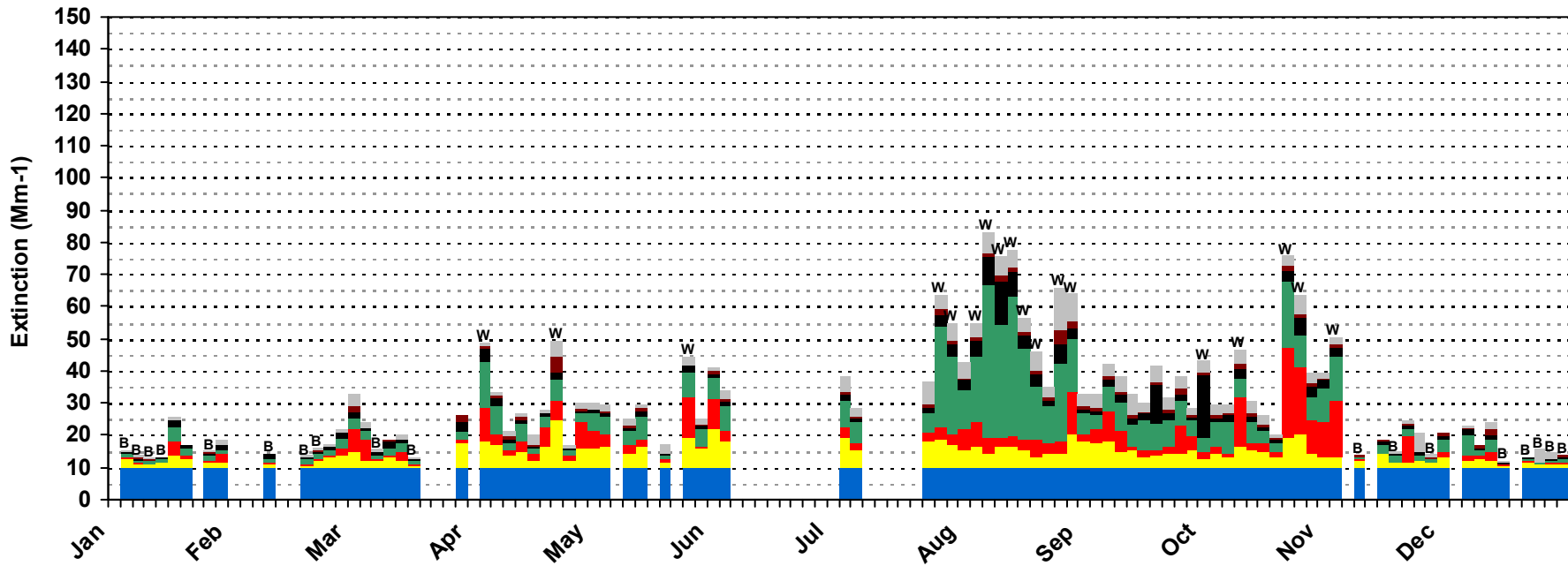


20% Best Visibility Days
Aerosol Extinction* = 4 Mm-1 (2 to 6 Mm-1)



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

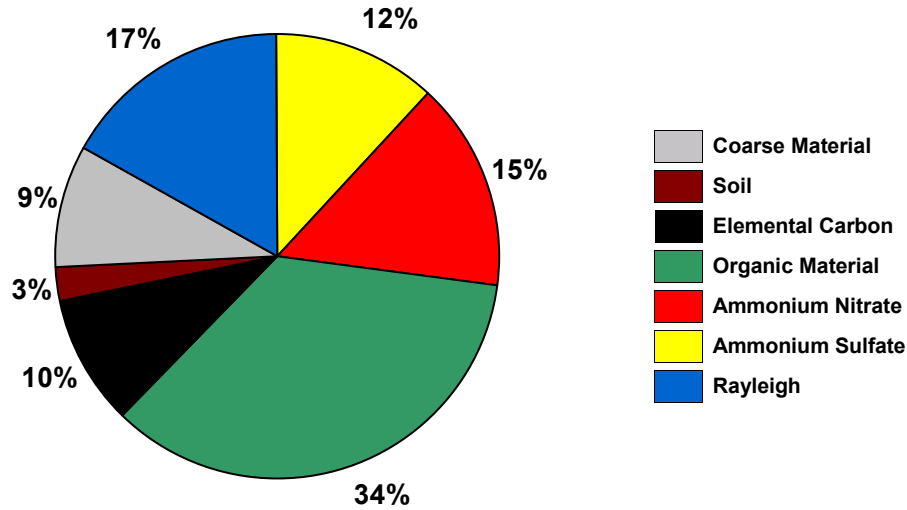
*Excludes Rayleigh Extinction



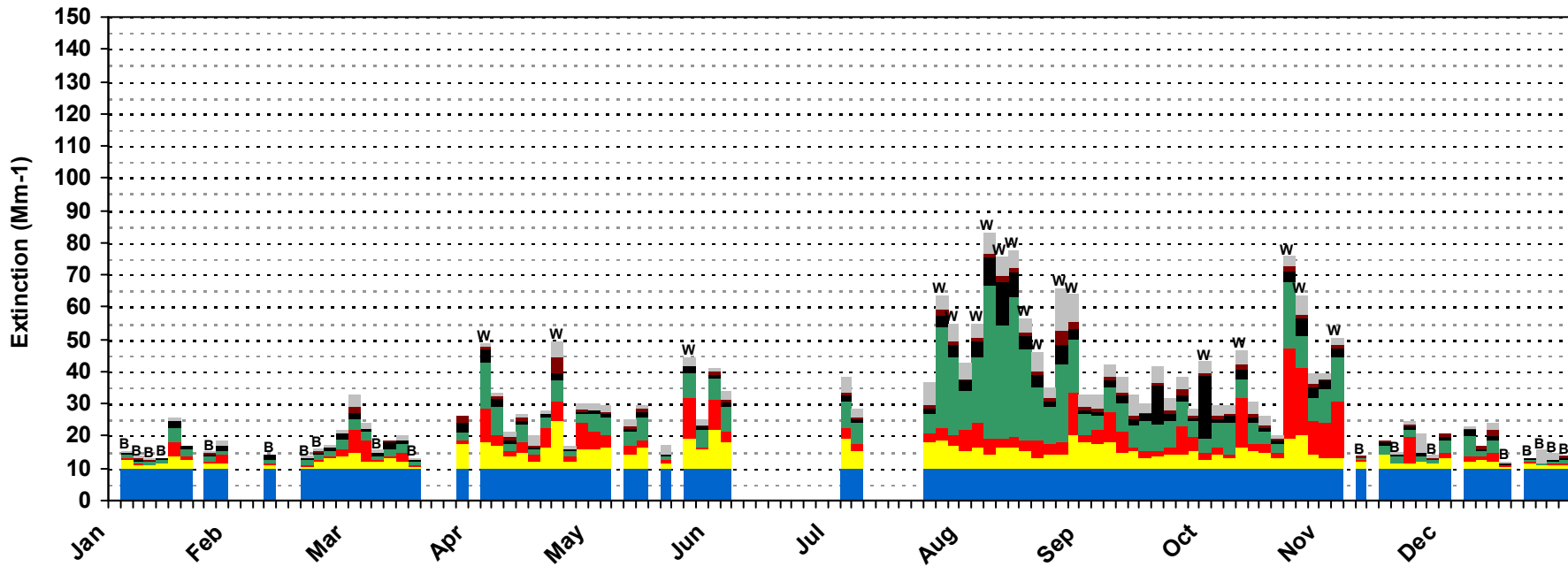
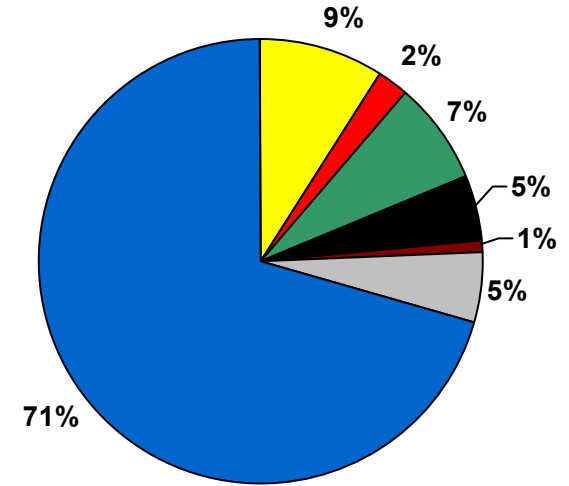
MONITORING DATA

Kaiser Wilderness Area, CA 2002 Reconstructed Extinction KAIS1 Monitoring Data (every third day)

20% Worst Visibility Days
Total Extinction = 59 Mm-1 (43 to 83 Mm-1)



20% Best Visibility Days
Total Extinction = 14 Mm-1 (12 to 16 Mm-1)



MONITORING DATA

Kaiser Wilderness Area, CA 2002 Reconstructed Extinction Values KAIS1 Monitoring Data (every third day)

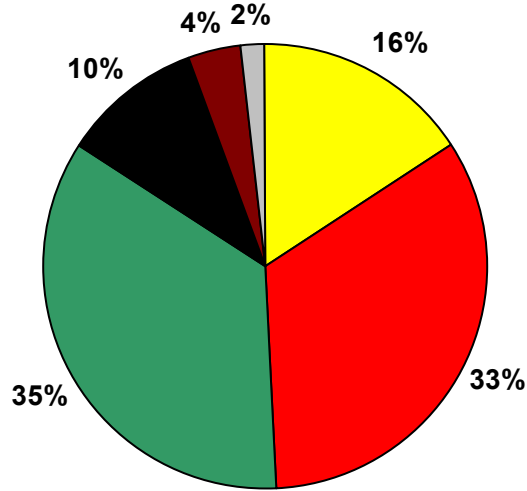
20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	59.1 (17.8 dv)	43.1 (14.6 dv)	83.2 (21.2 dv)
Aerosol Extinction*:	49.1	33.1	73.2
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	7.0	12%	14%
Ammonium Nitrate:	9.1	15%	18%
Organic Material:	20.7	35%	42%
Elemental Carbon:	5.6	10%	11%
Soil:	1.6	3%	3%
Coarse Material:	5.2	9%	11%
Rayleigh:	10.0	17%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	14.2 (3.5 dv)	12.2 (2.0 dv)	16.0 (4.7 dv)
Aerosol Extinction*:	4.2	2.2	6.0
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	1.3	9%	32%
Ammonium Nitrate:	0.3	2%	8%
Organic Material:	1.0	7%	25%
Elemental Carbon:	0.7	5%	16%
Soil:	0.1	1%	3%
Coarse Material:	0.7	5%	17%
Rayleigh:	10.0	71%	N/A

*Excludes Rayleigh Extinction

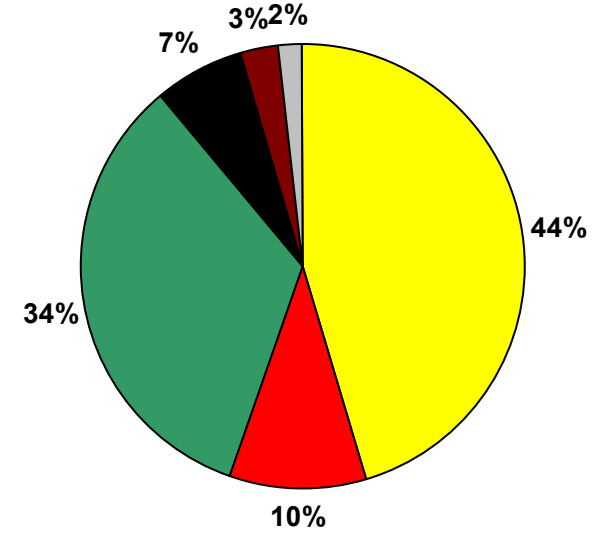
MODEL RESULTS

Kaiser Wilderness Area, CA 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Aerosol Extinction* = 33 Mm⁻¹ (22 to 111 Mm⁻¹)

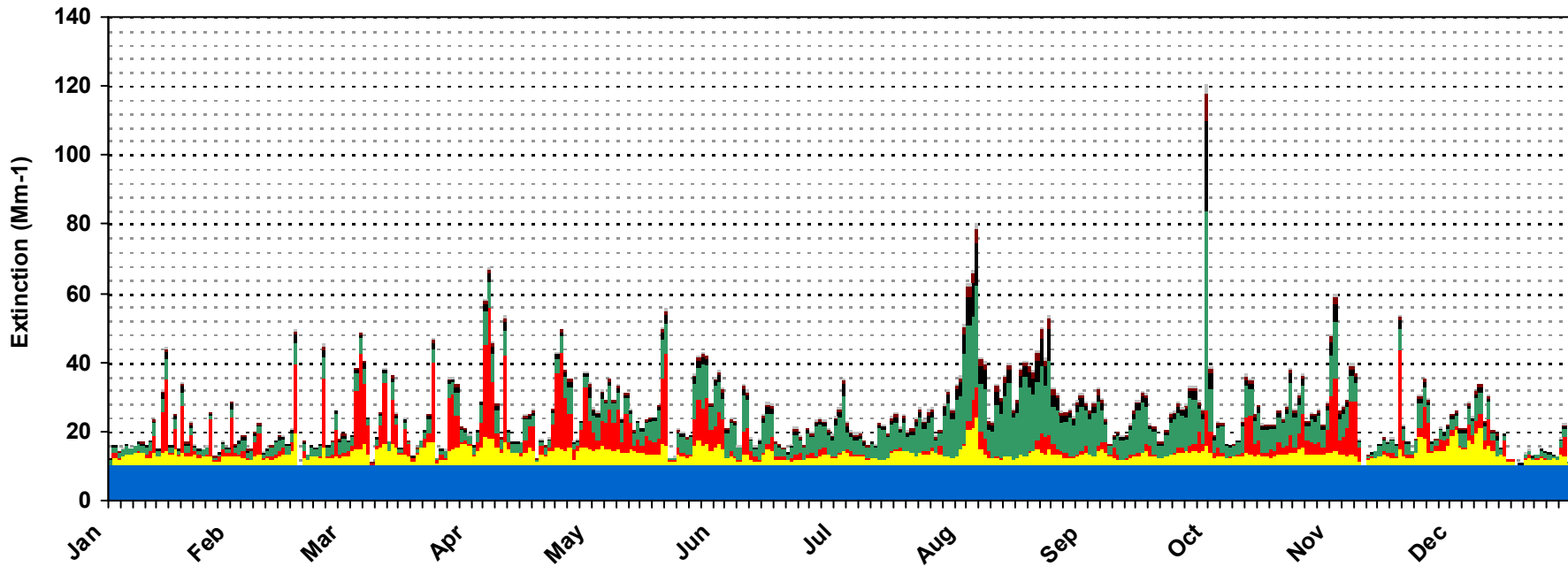


20% Best Visibility Days
Aerosol Extinction* = 4 Mm⁻¹ (0 to 6 Mm⁻¹)



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

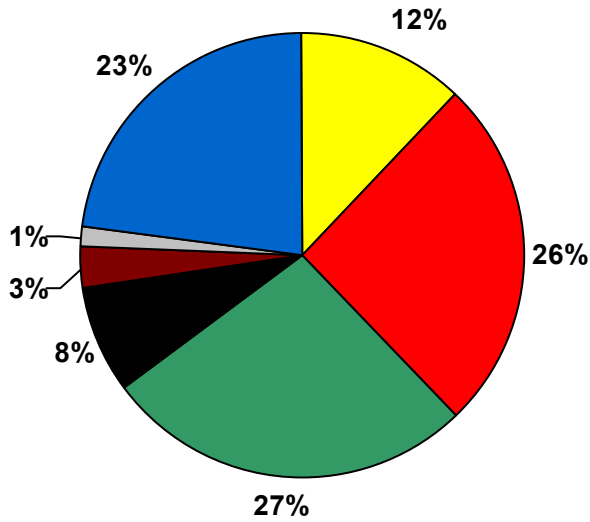
*Excludes Rayleigh Extinction



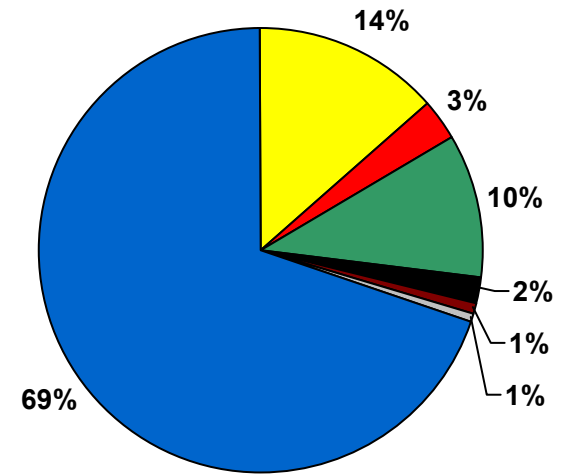
MODEL RESULTS

**Kaiser Wilderness Area, CA
2002 Reconstructed Extinction
CMAQ Model Results (every day)**

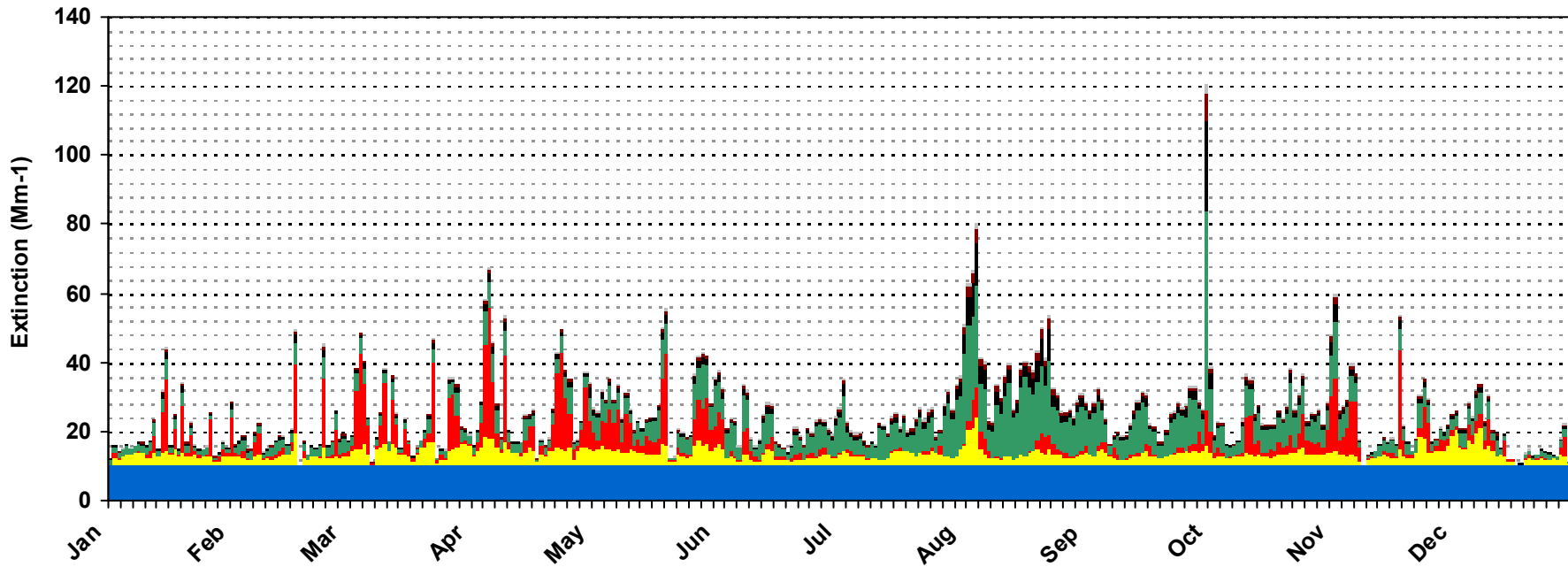
20% Worst Visibility Days
Total Extinction = 43 Mm-1 (32 to 121 Mm-1)



20% Best Visibility Days
Total Extinction = 14 Mm-1 (10 to 16 Mm-1)



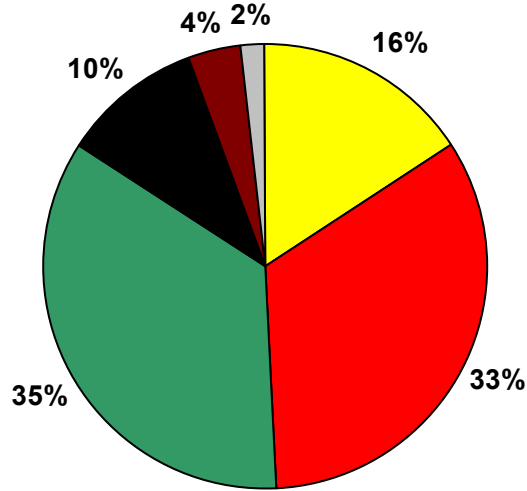
- Coarse Material
- Soil
- Elemental Carbon
- Organic Material
- Ammonium Nitrate
- Ammonium Sulfate
- Rayleigh



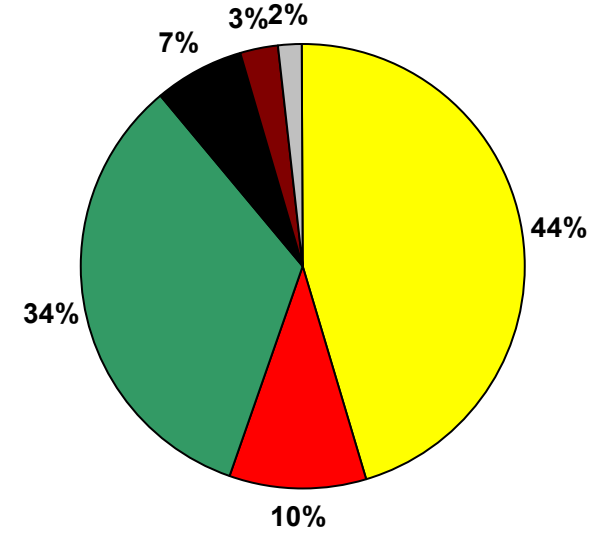
MODEL RESULTS

Kaiser Wilderness Area, CA 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Aerosol Extinction* = 33 Mm⁻¹ (22 to 111 Mm⁻¹)

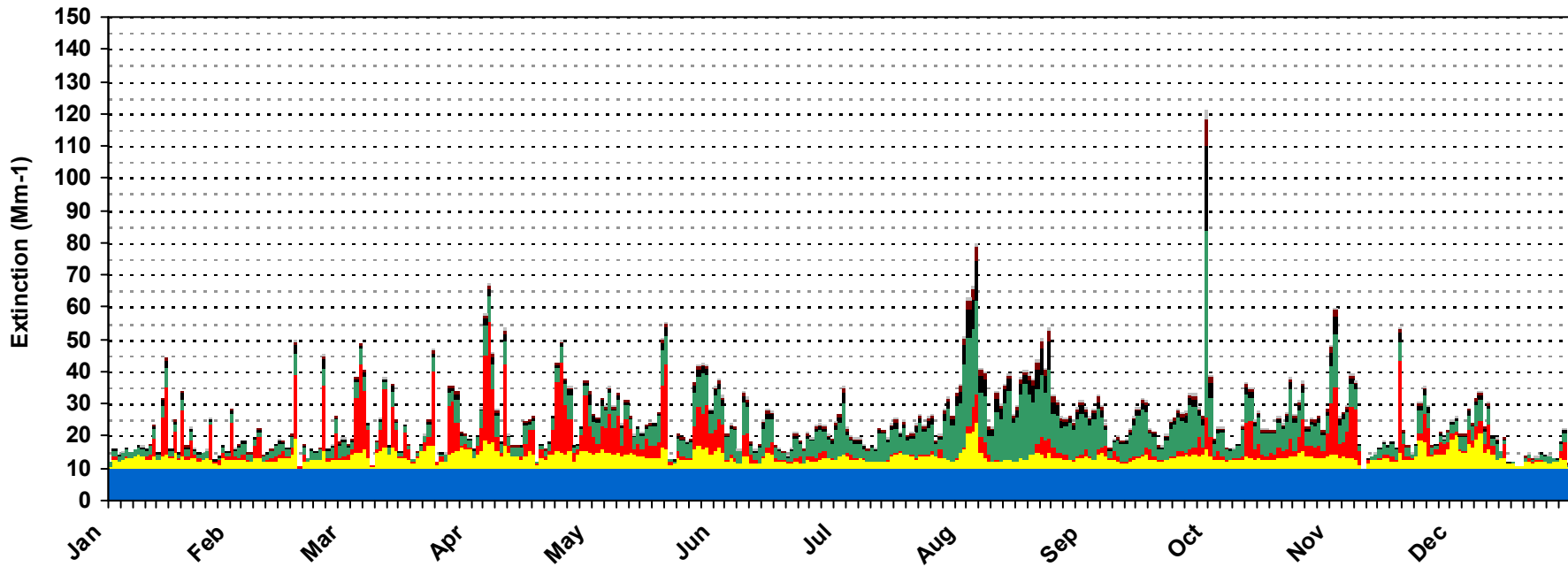


20% Best Visibility Days
Aerosol Extinction* = 4 Mm⁻¹ (0 to 6 Mm⁻¹)



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

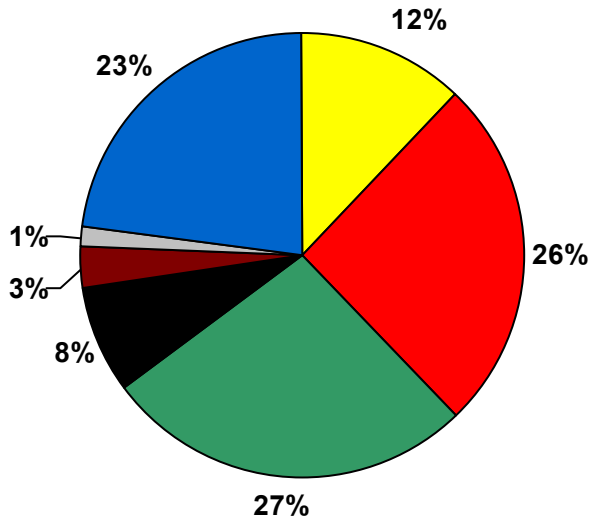
*Excludes Rayleigh Extinction



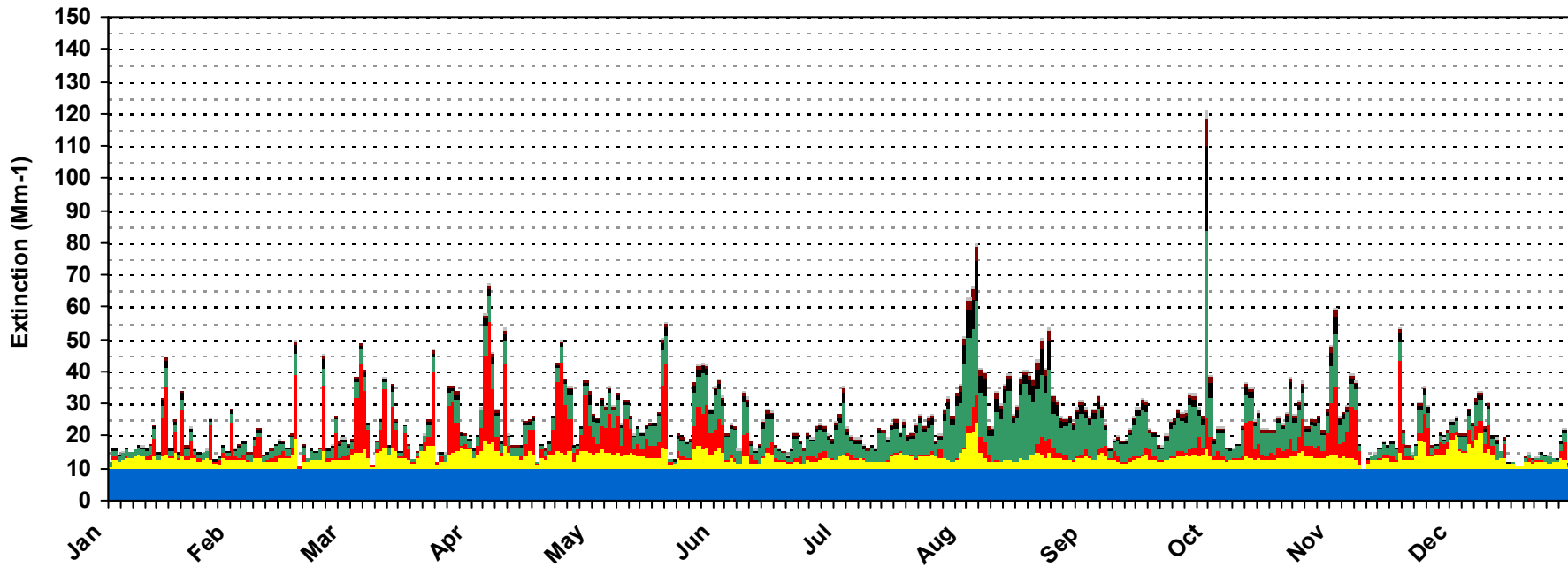
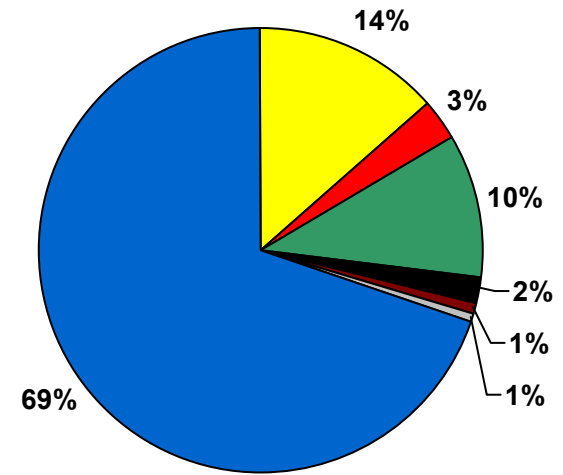
MODEL RESULTS

Kaiser Wilderness Area, CA 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Total Extinction = 43 Mm-1 (32 to 121 Mm-1)



20% Best Visibility Days
Total Extinction = 14 Mm-1 (10 to 16 Mm-1)



MODEL RESULTS

Kaiser Wilderness Area, CA 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	43.1 (14.6 dv)	32.1 (11.7 dv)	120.7 (24.9 dv)
Aerosol Extinction*:	33.1	22.1	110.7
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	5.2	12%	16%
Ammonium Nitrate:	11.1	26%	33%
Organic Material:	11.6	27%	35%
Elemental Carbon:	3.3	8%	10%
Soil:	1.3	3%	4%
Coarse Material:	0.6	1%	2%
Rayleigh:	10.0	23%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	14.3 (3.6 dv)	10.0 (0.0 dv)	16.4 (5.0 dv)
Aerosol Extinction*:	4.3	0.0	6.4
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	2.0	14%	45%
Ammonium Nitrate:	0.4	3%	10%
Organic Material:	1.5	10%	34%
Elemental Carbon:	0.3	2%	7%
Soil:	0.1	1%	3%
Coarse Material:	0.1	1%	2%
Rayleigh:	10.0	70%	N/A

*Excludes Rayleigh Extinction