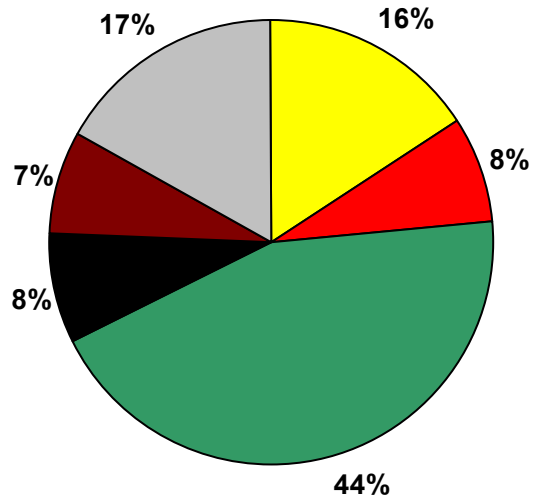


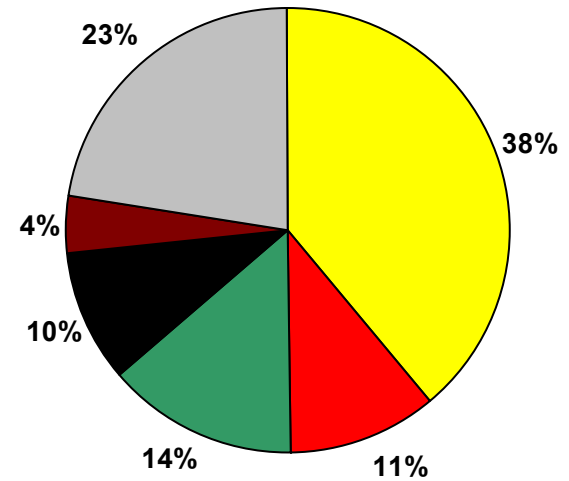
MONITORING DATA

**Hoover Wilderness Area, CA
2002 Reconstructed Extinction
HOOV1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 33 Mm-1 (18 to 108 Mm-1)

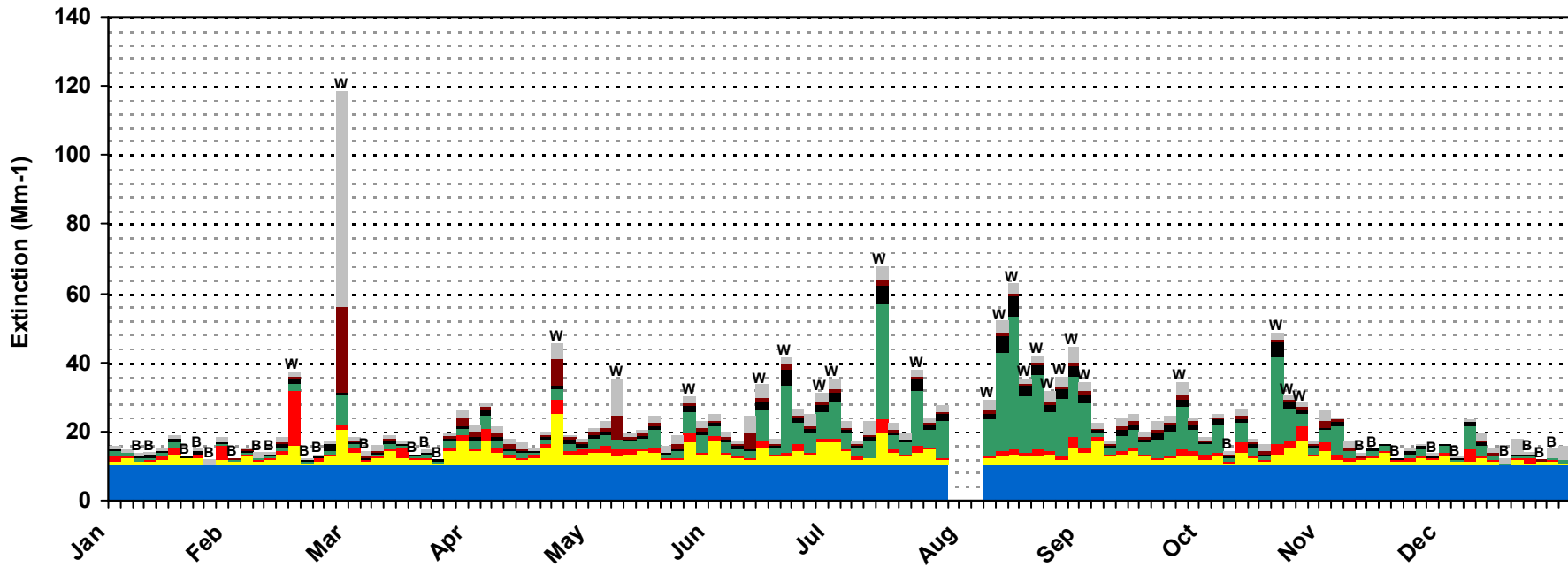


20% Best Visibility Days
Aerosol Extinction* = 3 Mm-1 (2 to 5 Mm-1)



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

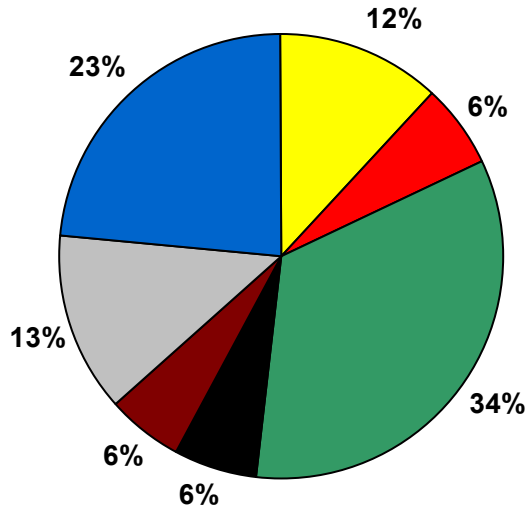
*Excludes Rayleigh Extinction



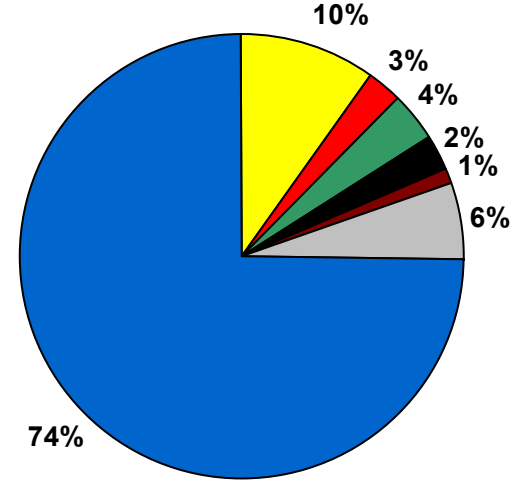
MONITORING DATA

Hoover Wilderness Area, CA 2002 Reconstructed Extinction HOOV1 Monitoring Data (every third day)

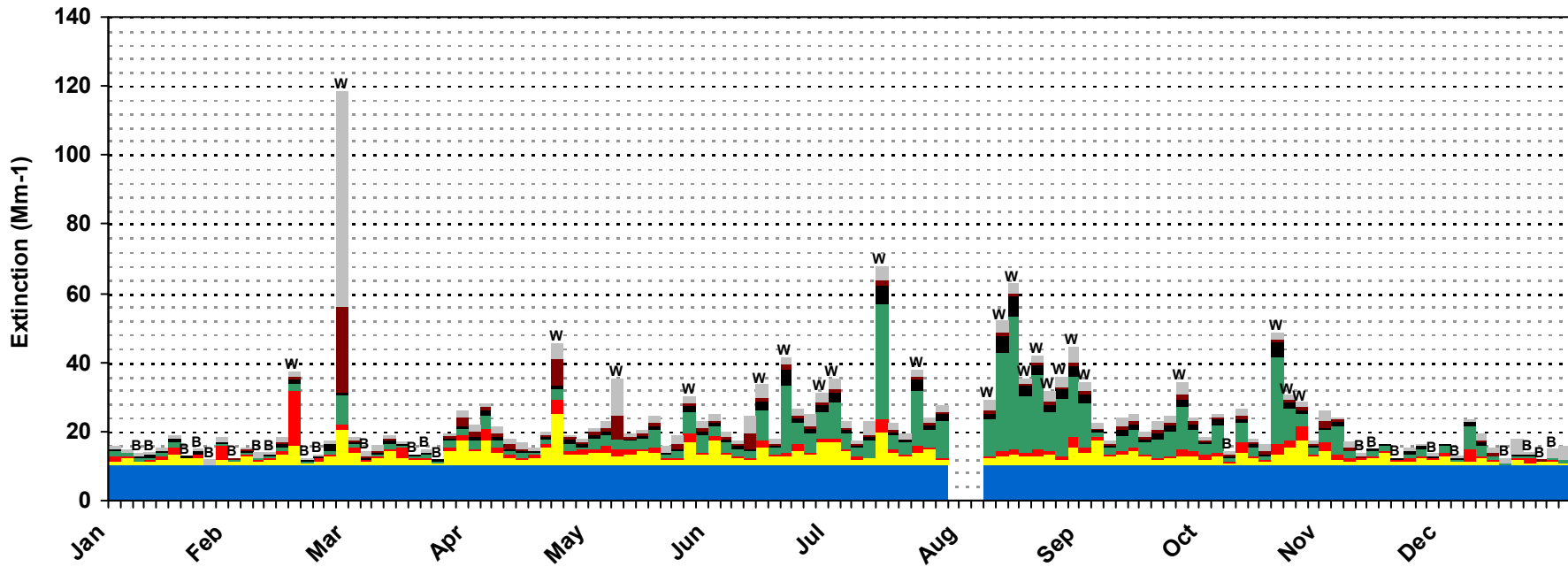
20% Worst Visibility Days
Total Extinction = 43 Mm-1 (28 to 118 Mm-1)



20% Best Visibility Days
Total Extinction = 13 Mm-1 (12 to 15 Mm-1)



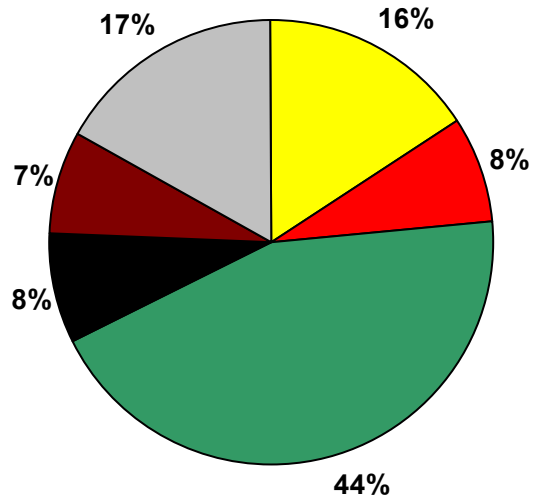
- Coarse Material
- Soil
- Elemental Carbon
- Organic Material
- Ammonium Nitrate
- Ammonium Sulfate
- Rayleigh



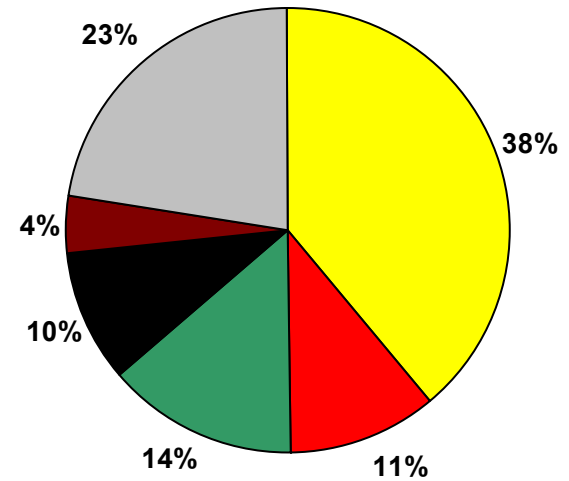
MONITORING DATA

**Hoover Wilderness Area, CA
2002 Reconstructed Extinction
HOOV1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 33 Mm-1 (18 to 108 Mm-1)

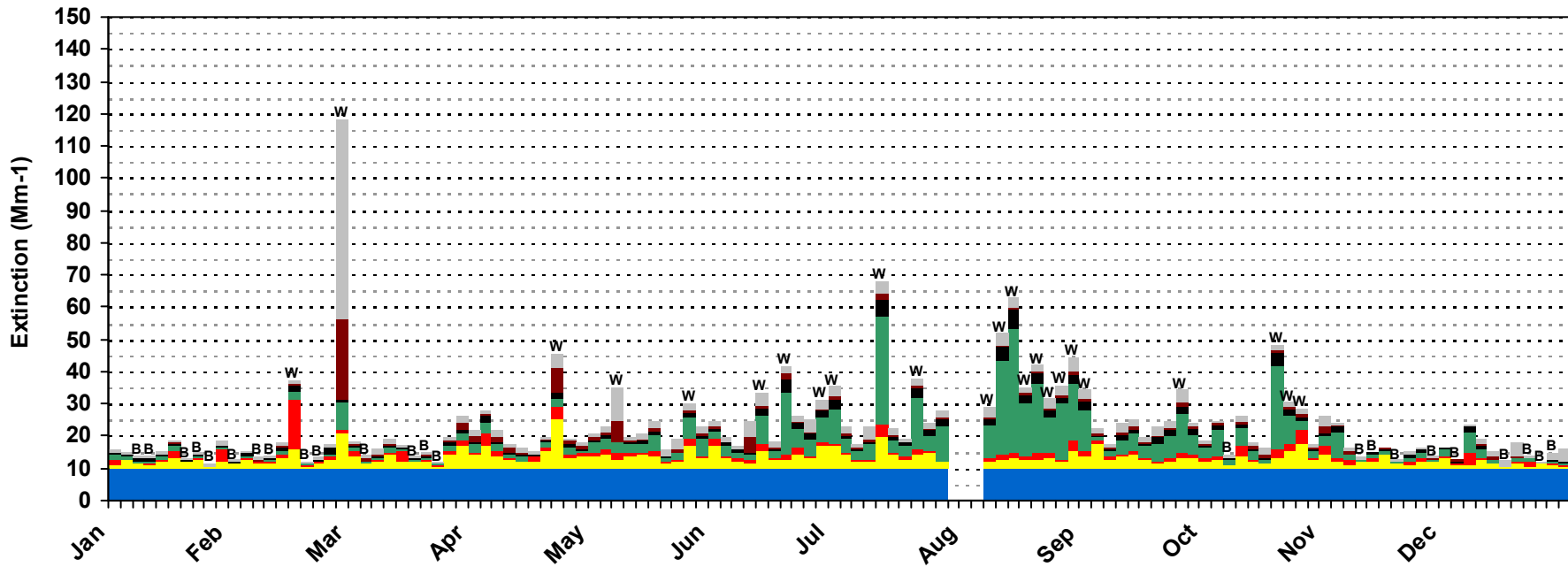


20% Best Visibility Days
Aerosol Extinction* = 3 Mm-1 (2 to 5 Mm-1)



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

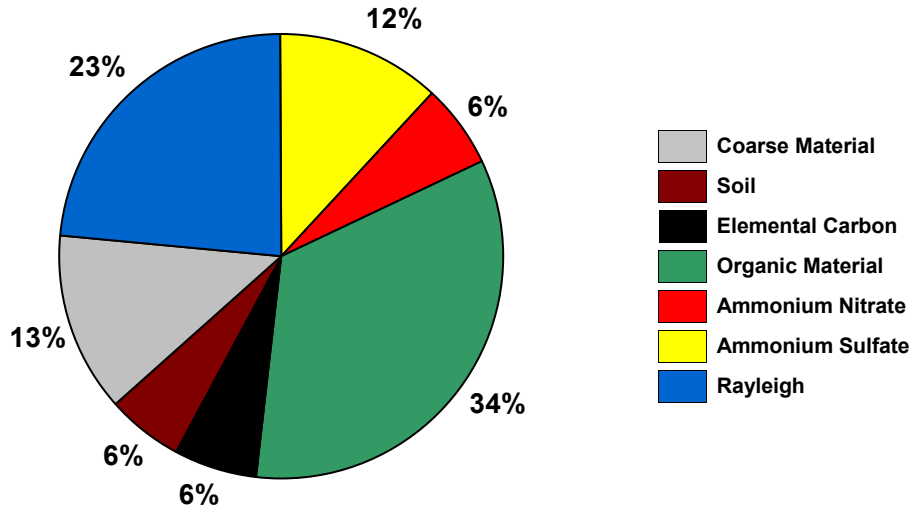
*Excludes Rayleigh Extinction



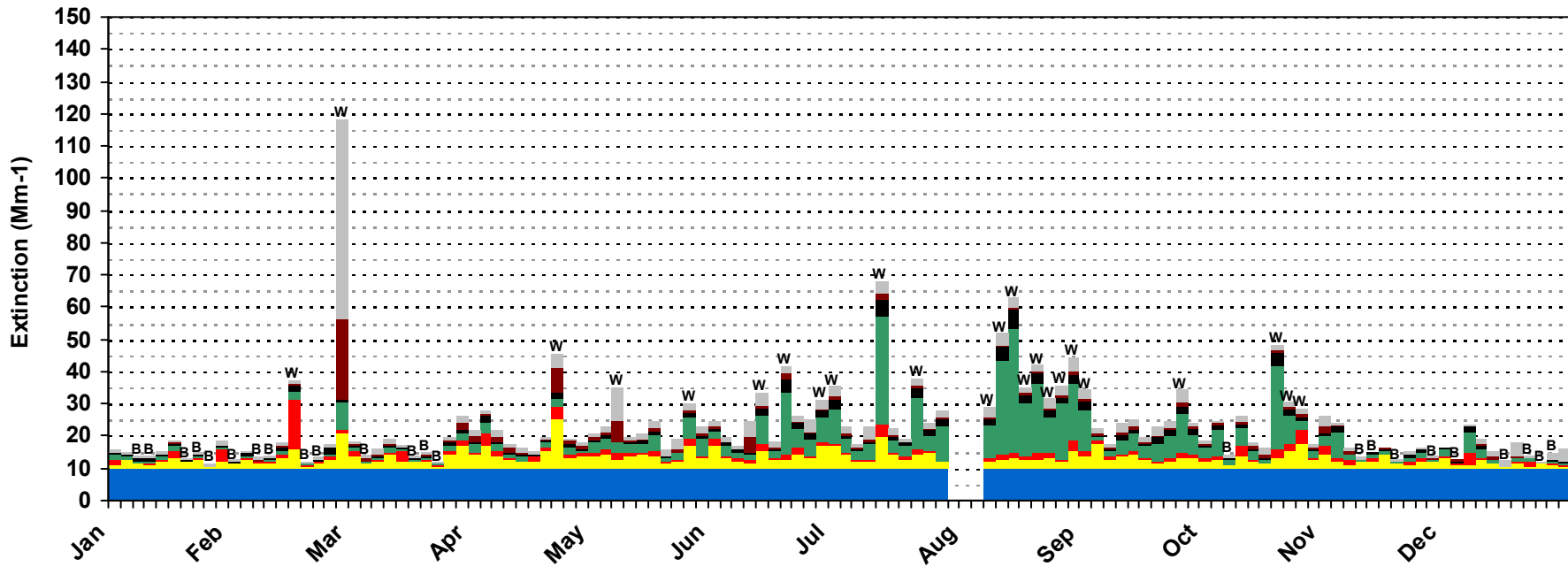
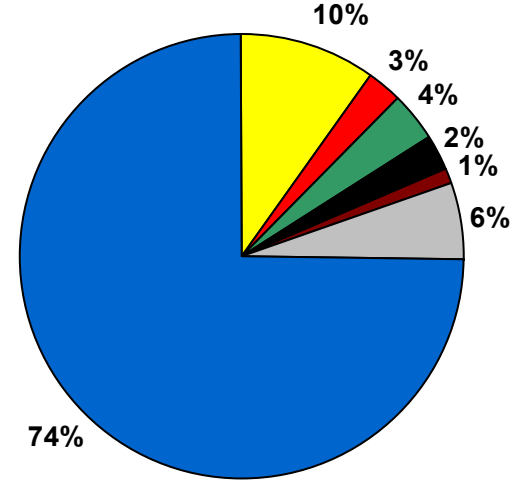
MONITORING DATA

**Hoover Wilderness Area, CA
2002 Reconstructed Extinction
HOOV1 Monitoring Data (every third day)**

20% Worst Visibility Days
Total Extinction = 43 Mm-1 (28 to 118 Mm-1)



20% Best Visibility Days
Total Extinction = 13 Mm-1 (12 to 15 Mm-1)



MONITORING DATA

Hoover Wilderness Area, CA 2002 Reconstructed Extinction Values HOOV1 Monitoring Data (every third day)

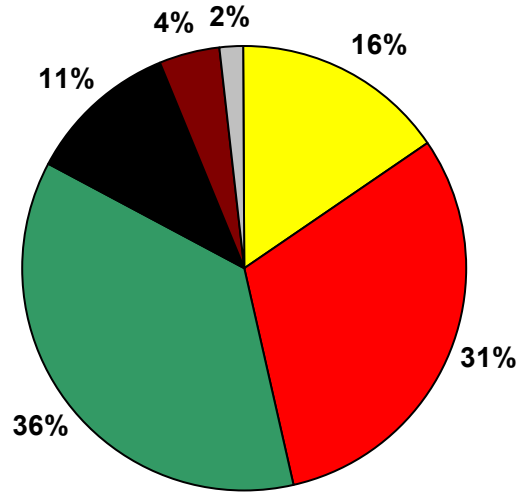
20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	42.6 (14.5 dv)	28.4 (10.4 dv)	118.3 (24.7 dv)
Aerosol Extinction*:	32.6	18.4	108.3
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	5.1	12%	16%
Ammonium Nitrate:	2.5	6%	8%
Organic Material:	14.3	34%	44%
Elemental Carbon:	2.6	6%	8%
Soil:	2.4	6%	7%
Coarse Material:	5.5	13%	17%
Rayleigh:	10.0	23%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	13.4 (2.9 dv)	11.7 (1.6 dv)	15.0 (4.1 dv)
Aerosol Extinction*:	3.4	1.7	5.0
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	1.3	10%	39%
Ammonium Nitrate:	0.4	3%	11%
Organic Material:	0.5	4%	14%
Elemental Carbon:	0.3	2%	10%
Soil:	0.1	1%	4%
Coarse Material:	0.7	5%	21%
Rayleigh:	10.0	75%	N/A

*Excludes Rayleigh Extinction

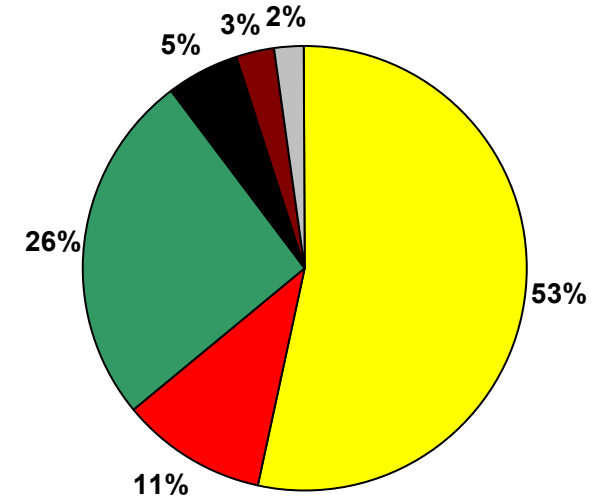
MODEL RESULTS

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

20% Worst Visibility Days
Aerosol Extinction* = 30 Mm⁻¹ (19 to 102 Mm⁻¹)

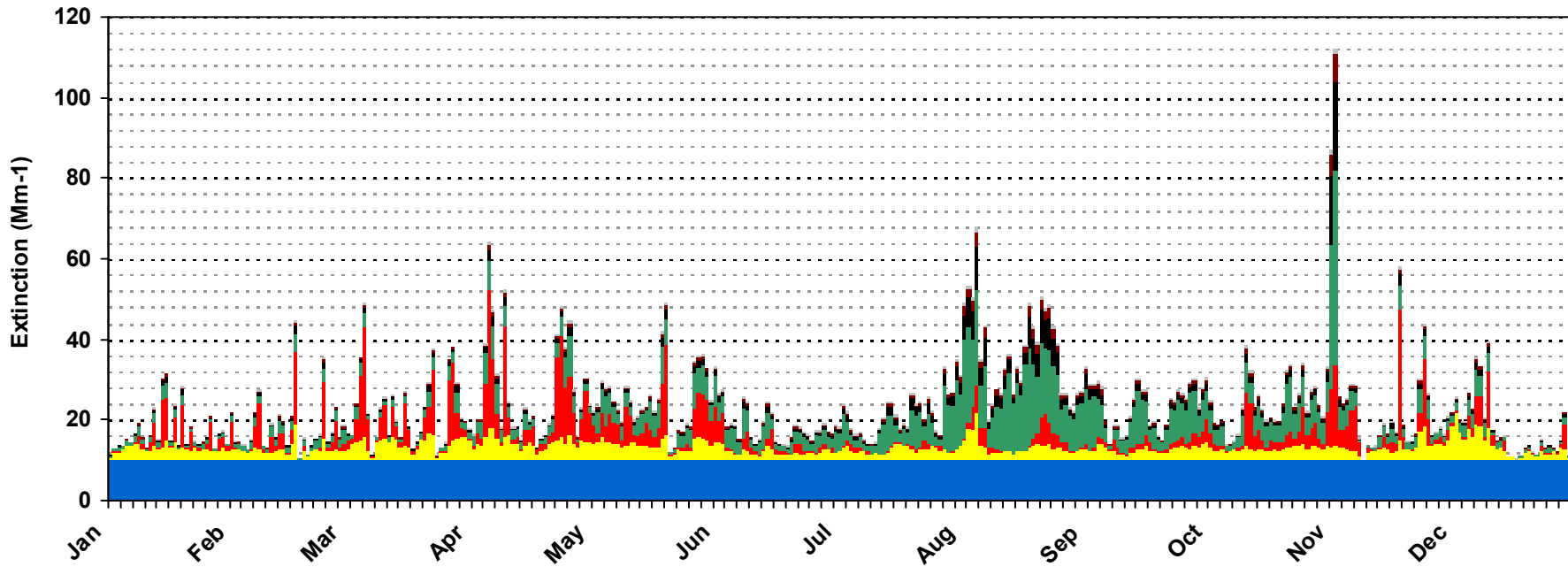


20% Best Visibility Days
Aerosol Extinction* = 3 Mm⁻¹ (0 to 5 Mm⁻¹)



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

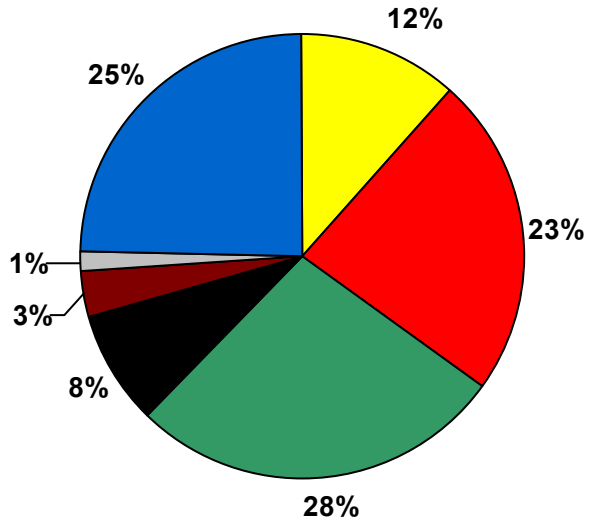
*Excludes Rayleigh Extinction



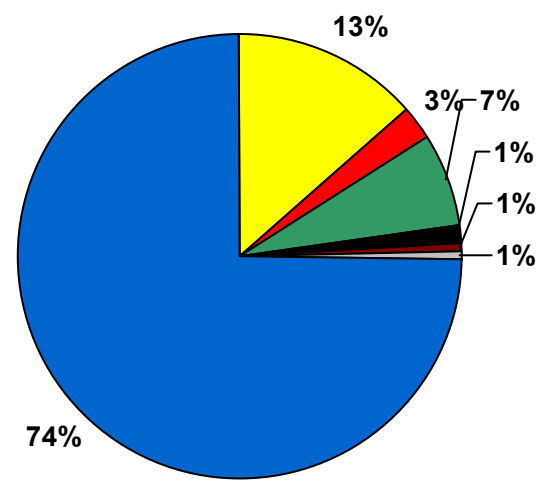
MODEL RESULTS

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

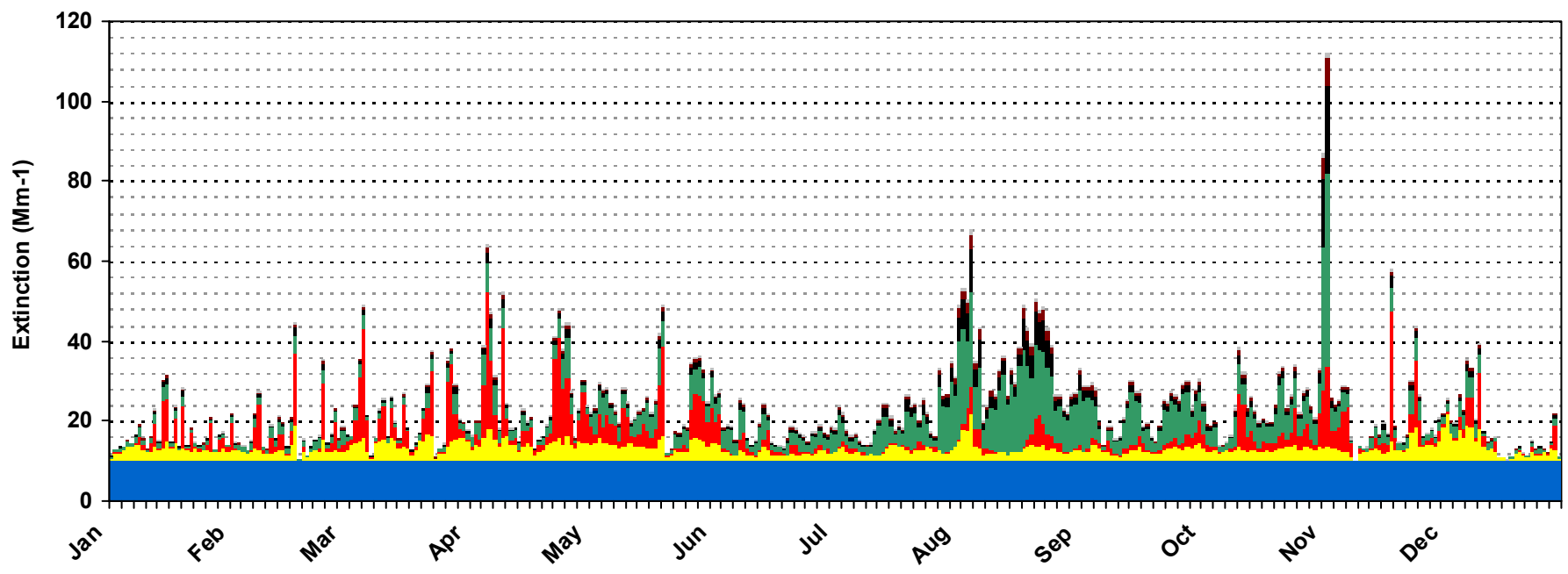
20% Worst Visibility Days
Total Extinction = 40 Mm-1 (29 to 112 Mm-1)



20% Best Visibility Days
Total Extinction = 13 Mm-1 (10 to 15 Mm-1)



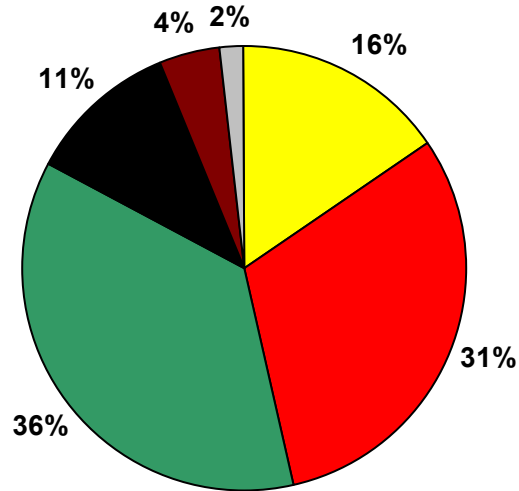
- Coarse Material
- Soil
- Elemental Carbon
- Organic Material
- Ammonium Nitrate
- Ammonium Sulfate
- Rayleigh



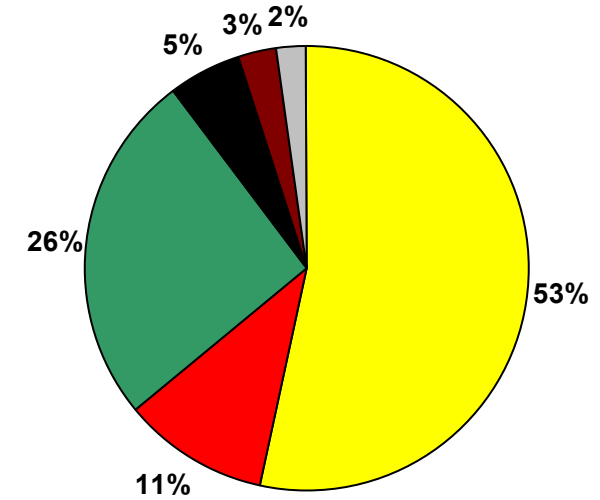
MODEL RESULTS

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

20% Worst Visibility Days
Aerosol Extinction* = 30 Mm-1 (19 to 102 Mm-1)

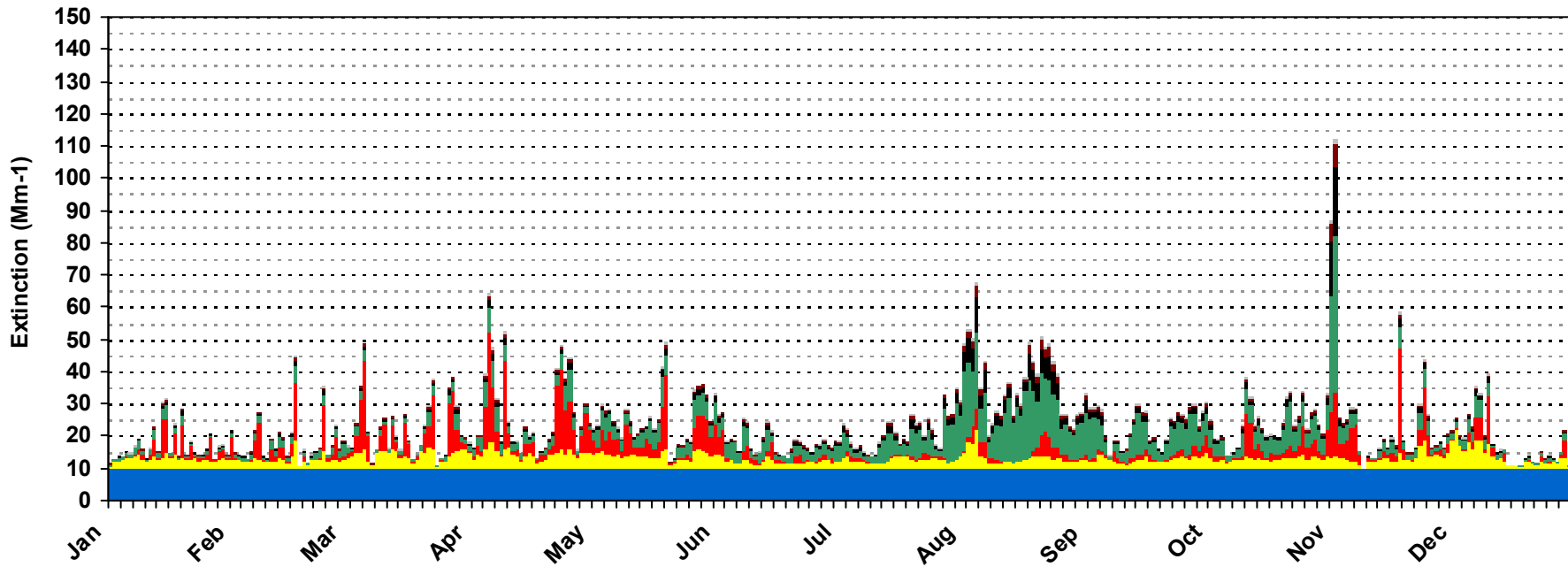


20% Best Visibility Days
Aerosol Extinction* = 3 Mm-1 (0 to 5 Mm-1)



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

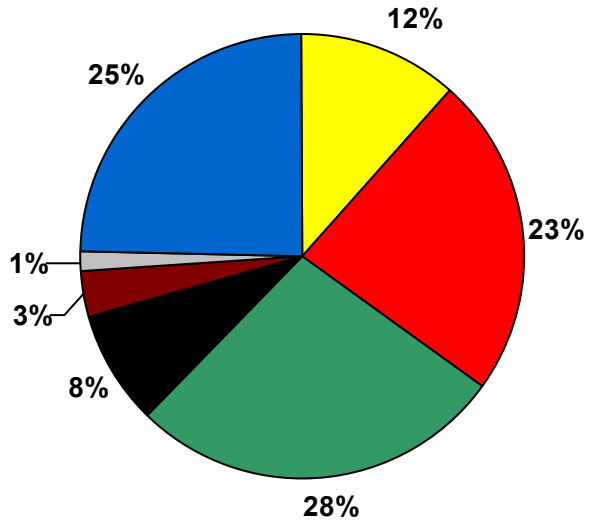
*Excludes Rayleigh Extinction



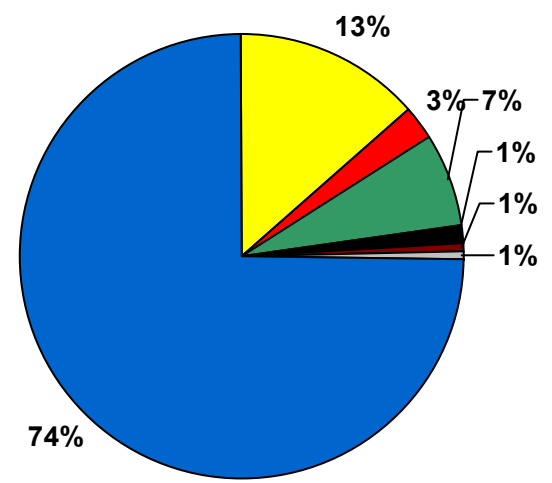
MODEL RESULTS

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

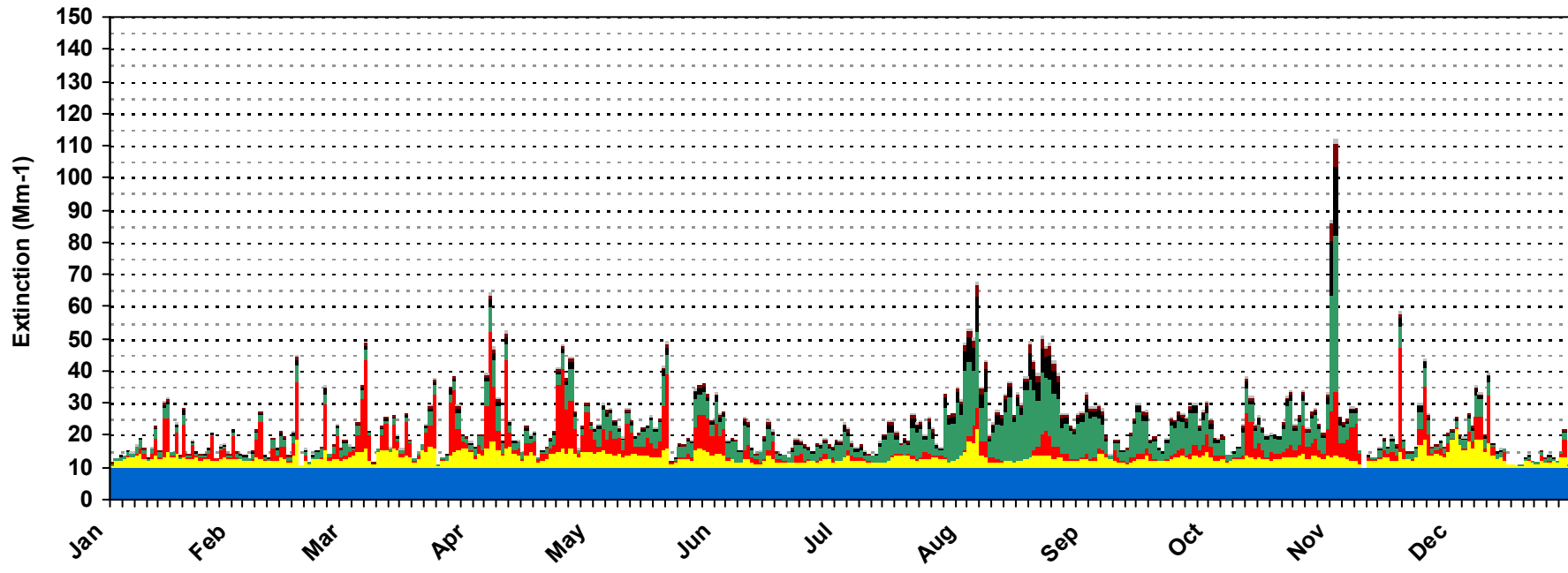
20% Worst Visibility Days
Total Extinction = 40 Mm-1 (29 to 112 Mm-1)



20% Best Visibility Days
Total Extinction = 13 Mm-1 (10 to 15 Mm-1)



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



MODEL RESULTS

Hoover 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:	40.3 (13.9 dv)	28.9 (10.6 dv)	112.2 (24.2 dv)
Aerosol Extinction*:	30.3	18.9	102.2
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	4.7	12%	16%
Ammonium Nitrate:	9.4	23%	31%
Organic Material:	11.0	27%	36%
Elemental Carbon:	3.4	8%	11%
Soil:	1.3	3%	4%
Coarse Material:	0.5	1%	2%
Rayleigh:	10.0	25%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	13.4 (2.9 dv)	10.0 (0.0 dv)	15.2 (4.2 dv)
Aerosol Extinction*:	3.4	0.0	5.2
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	1.8	13%	53%
Ammonium Nitrate:	0.4	3%	11%
Organic Material:	0.9	7%	26%
Elemental Carbon:	0.2	1%	5%
Soil:	0.1	1%	3%
Coarse Material:	0.1	1%	2%
Rayleigh:	10.0	75%	N/A

*Excludes Rayleigh Extinction