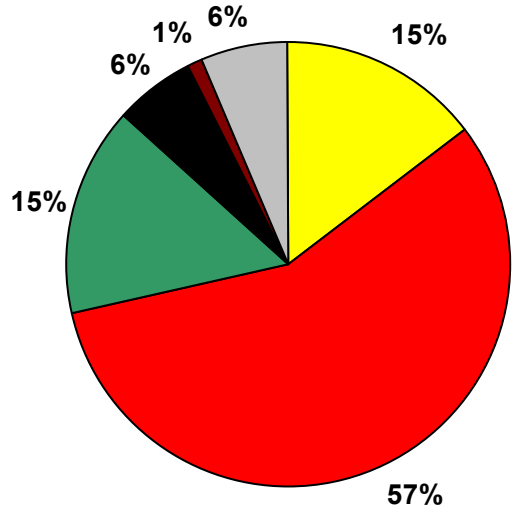


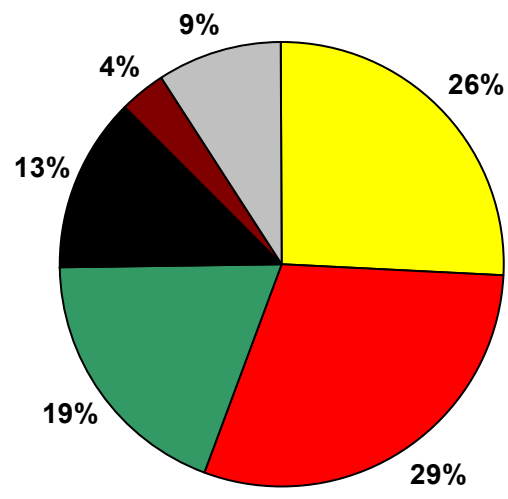
MONITORING DATA

**San Jacinto Wilderness Area, CA
2002 Reconstructed Extinction
SAGO1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 85 Mm-1 (63 to 144 Mm-1)

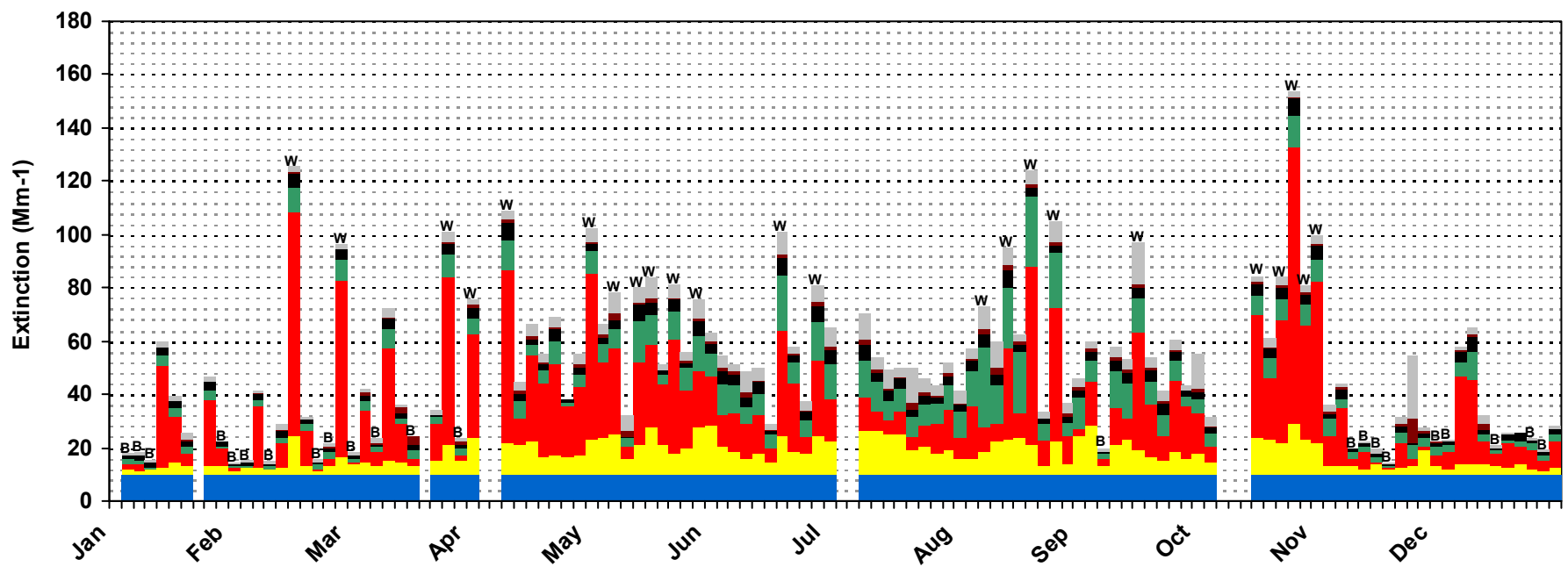


20% Best Visibility Days
Aerosol Extinction* = 10 Mm-1 (4 to 14 Mm-1)



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

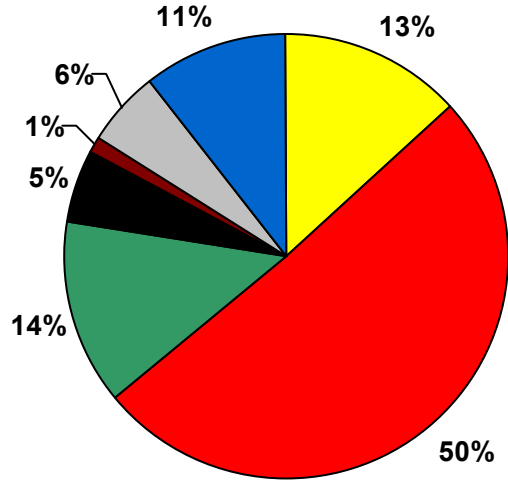
*Excludes Rayleigh Extinction



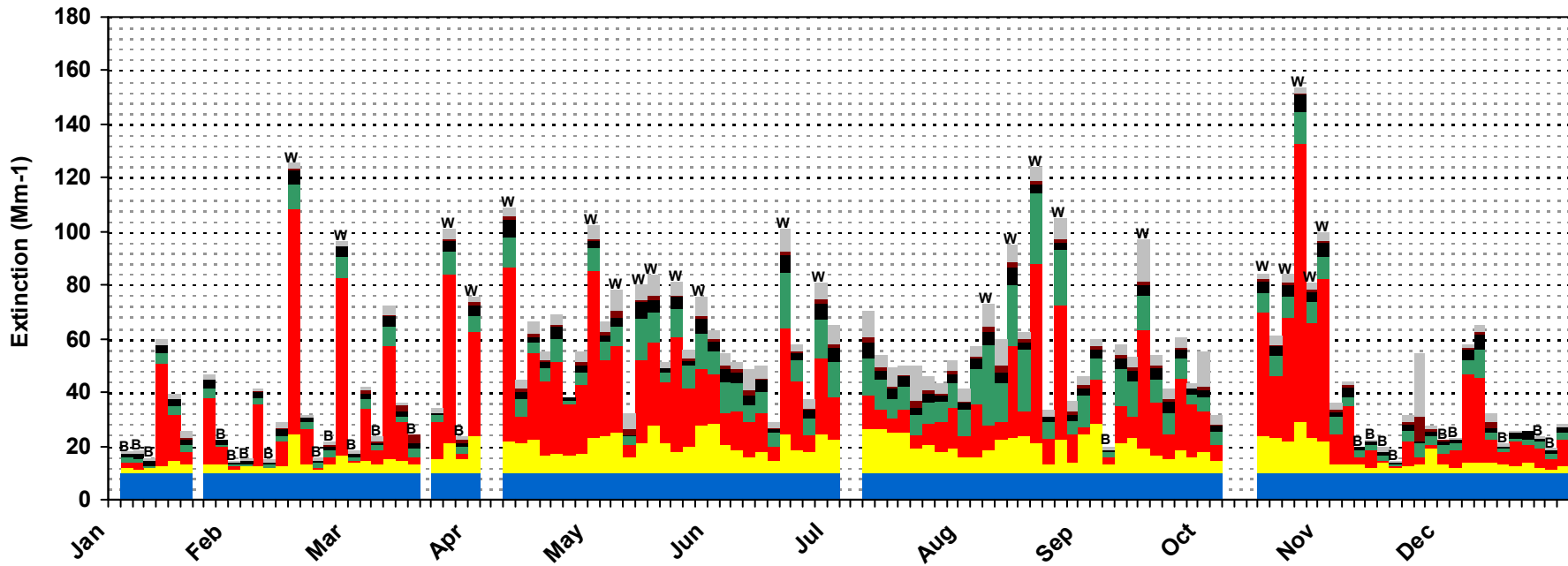
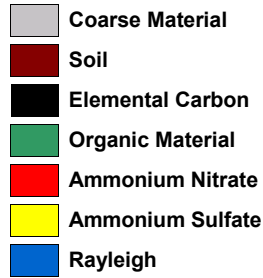
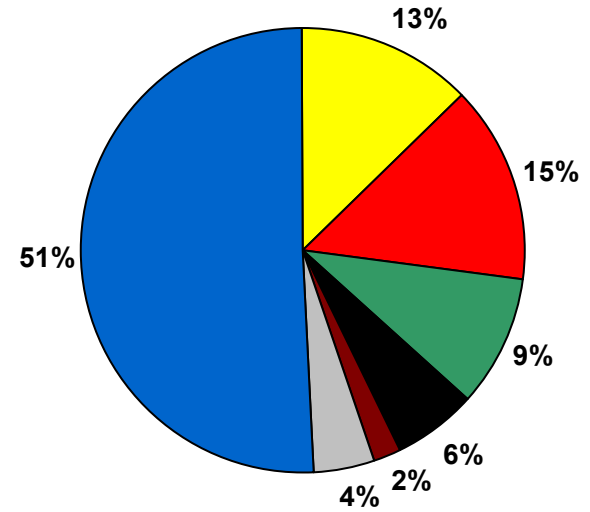
MONITORING DATA

**San Jacinto Wilderness Area, CA
2002 Reconstructed Extinction
SAGO1 Monitoring Data (every third day)**

20% Worst Visibility Days
Total Extinction = 95 Mm-1 (73 to 154 Mm-1)



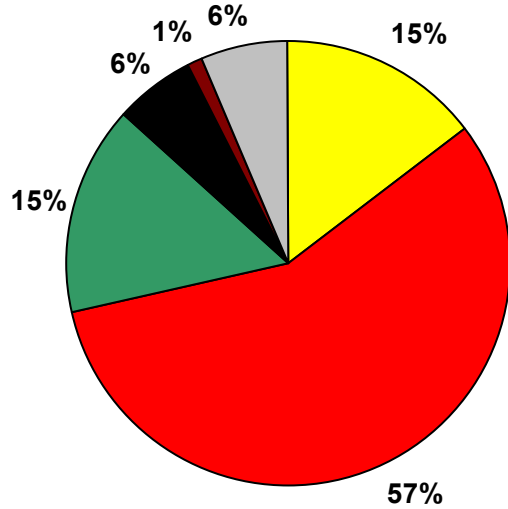
20% Best Visibility Days
Total Extinction = 20 Mm-1 (14 to 24 Mm-1)



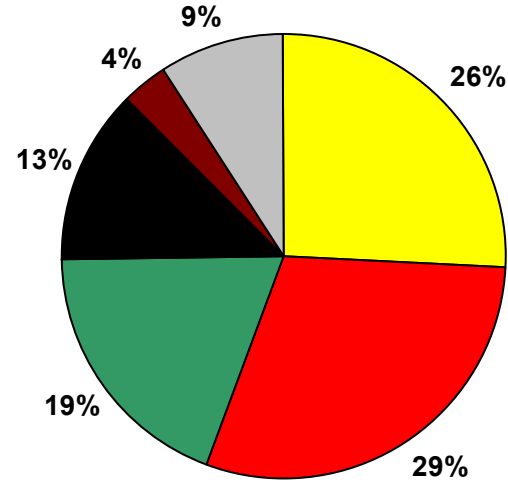
MONITORING DATA

**San Jacinto Wilderness Area, CA
2002 Reconstructed Extinction
SAGO1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 85 Mm-1 (63 to 144 Mm-1)

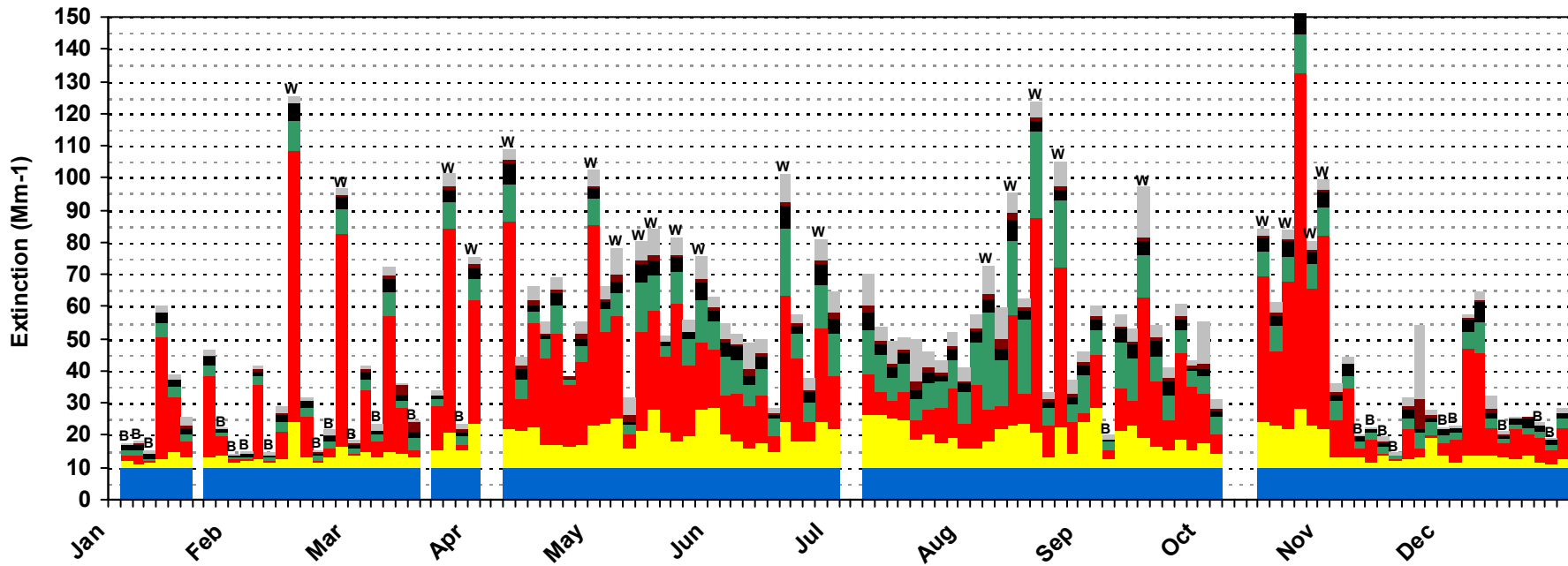


20% Best Visibility Days
Aerosol Extinction* = 10 Mm-1 (4 to 14 Mm-1)



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

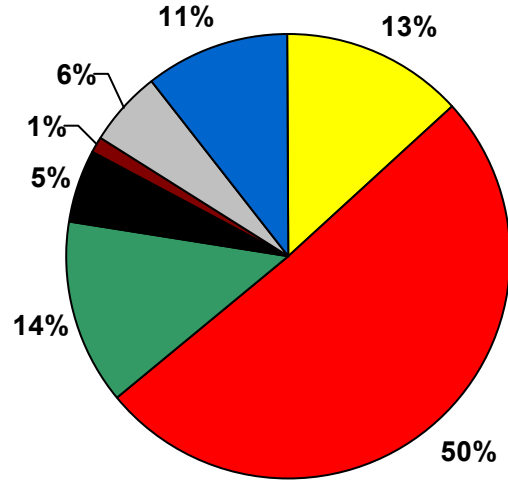
*Excludes Rayleigh Extinction



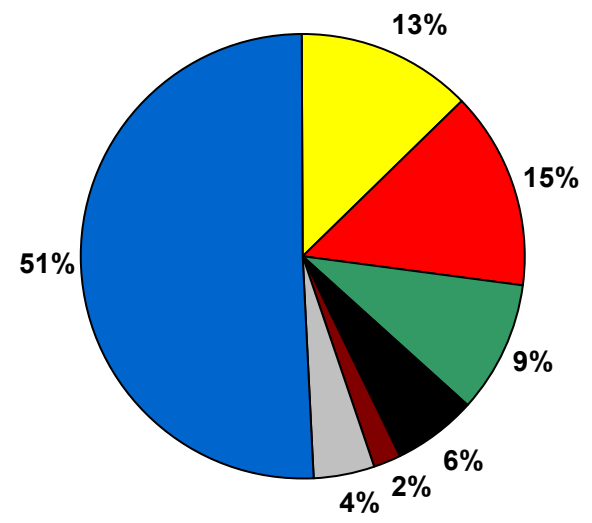
MONITORING DATA

**San Jacinto Wilderness Area, CA
2002 Reconstructed Extinction
SAGO1 Monitoring Data (every third day)**

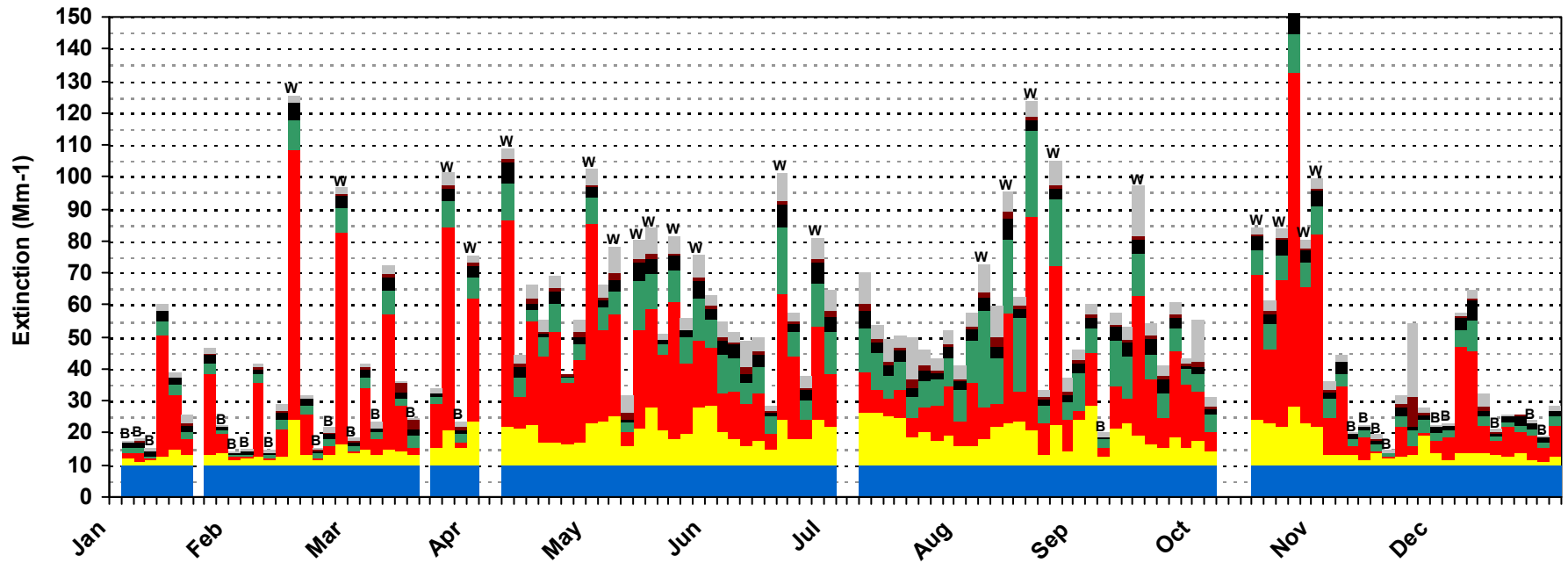
20% Worst Visibility Days
Total Extinction = 95 Mm-1 (73 to 154 Mm-1)



20% Best Visibility Days
Total Extinction = 20 Mm-1 (14 to 24 Mm-1)



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



MONITORING DATA

San Jacinto Wilderness Area, CA 2002 Reconstructed Extinction Values SAGO1 Monitoring Data (every third day)

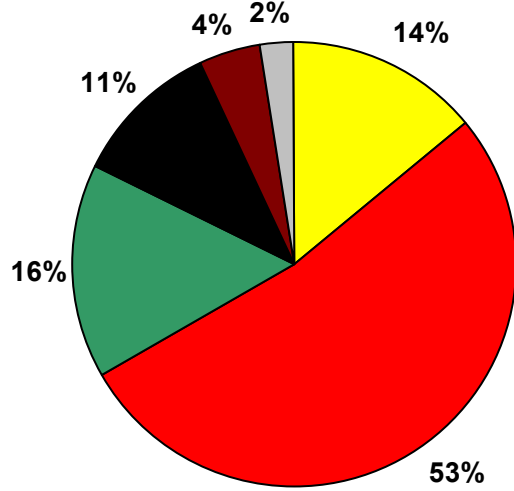
20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	95.2 (22.5 dv)	72.9 (19.9 dv)	153.6 (27.3 dv)
Aerosol Extinction*:	85.2	62.9	143.6
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	12.6	13%	15%
Ammonium Nitrate:	48.2	51%	57%
Organic Material:	13.0	14%	15%
Elemental Carbon:	4.8	5%	6%
Soil:	1.1	1%	1%
Coarse Material:	5.4	6%	6%
Rayleigh:	10.0	11%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	19.6 (6.7 dv)	14.3 (3.6 dv)	24.4 (8.9 dv)
Aerosol Extinction*:	9.6	4.3	14.4
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	2.5	13%	26%
Ammonium Nitrate:	2.9	15%	30%
Organic Material:	1.8	9%	19%
Elemental Carbon:	1.2	6%	13%
Soil:	0.3	2%	4%
Coarse Material:	0.8	4%	8%
Rayleigh:	10.0	51%	N/A

*Excludes Rayleigh Extinction

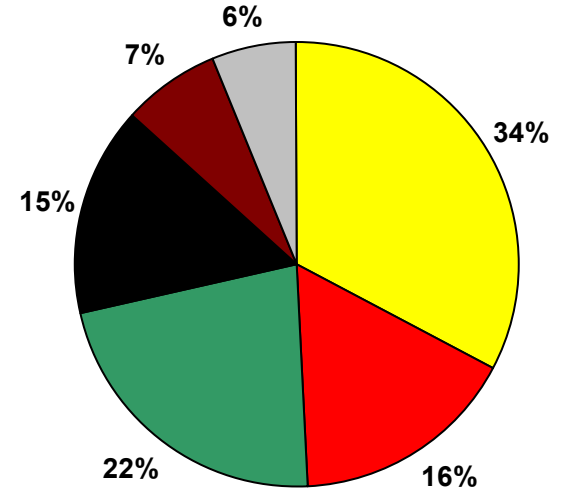
MODEL RESULTS

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

20% Worst Visibility Days
Aerosol Extinction* = 102 Mm-1 (72 to 206 Mm-1)

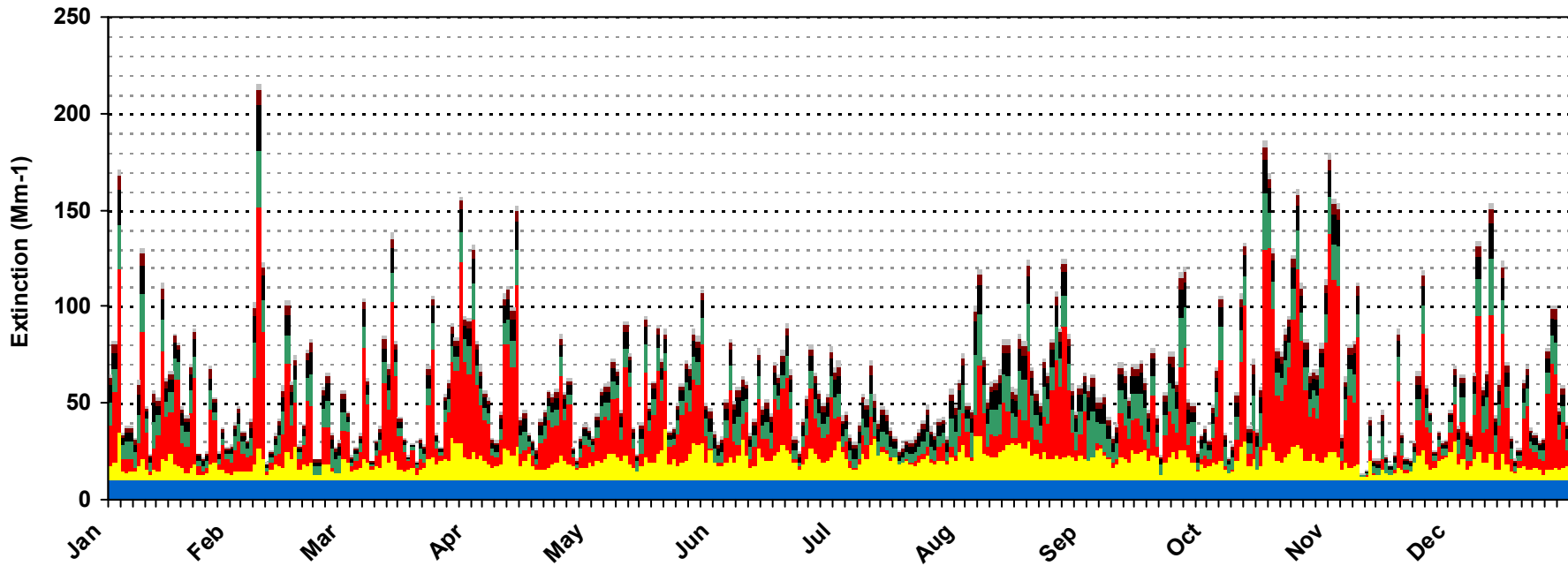


20% Best Visibility Days
Aerosol Extinction* = 17 Mm-1 (3 to 24 Mm-1)



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

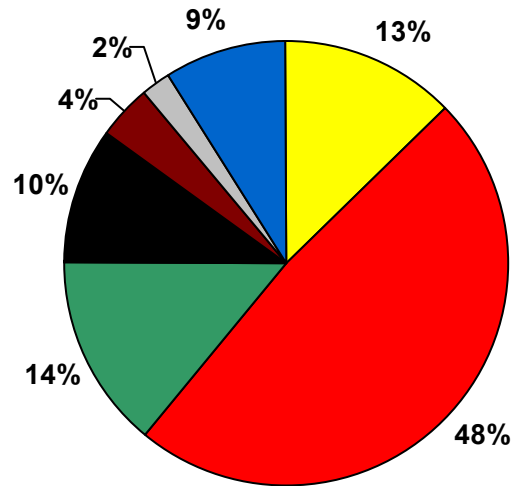
*Excludes Rayleigh Extinction



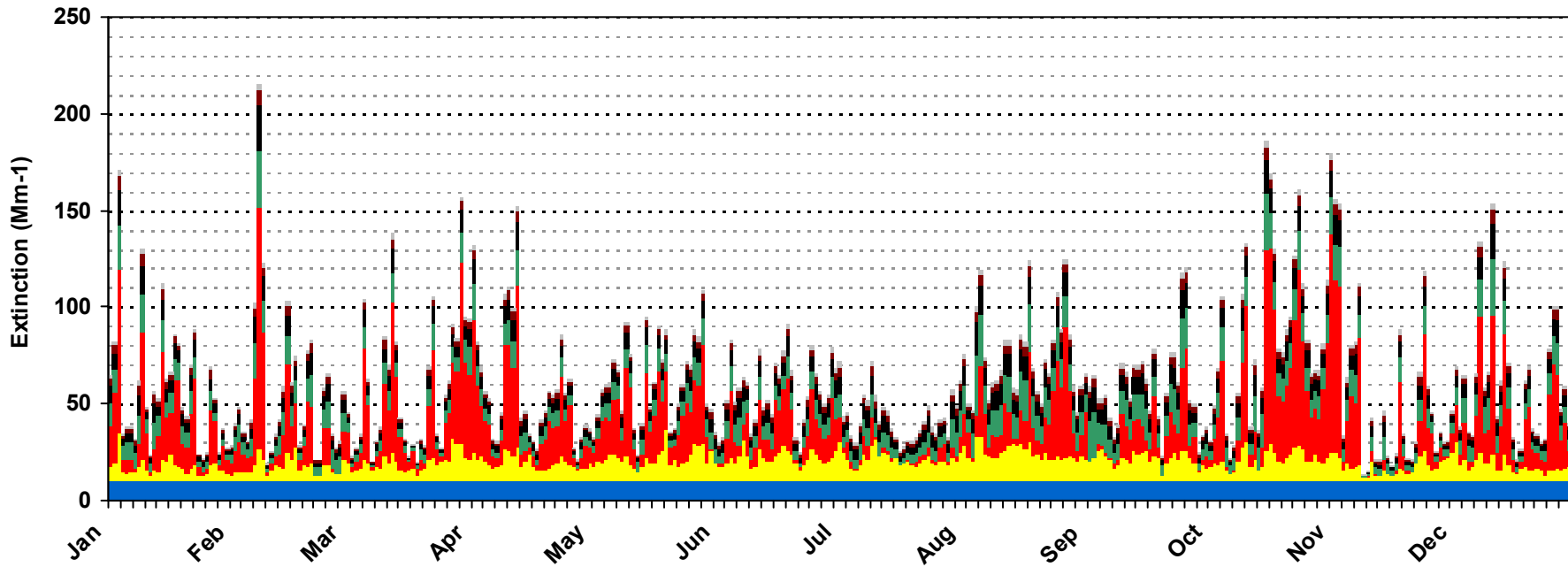
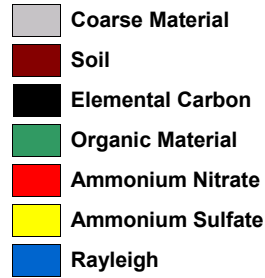
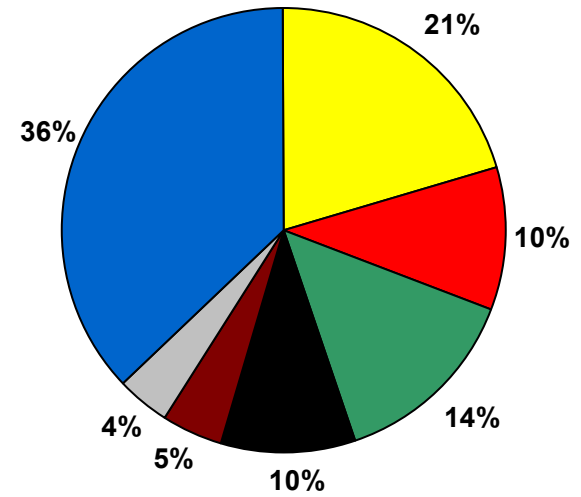
MODEL RESULTS

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

20% Worst Visibility Days
Total Extinction = 112 Mm-1 (82 to 216 Mm-1)



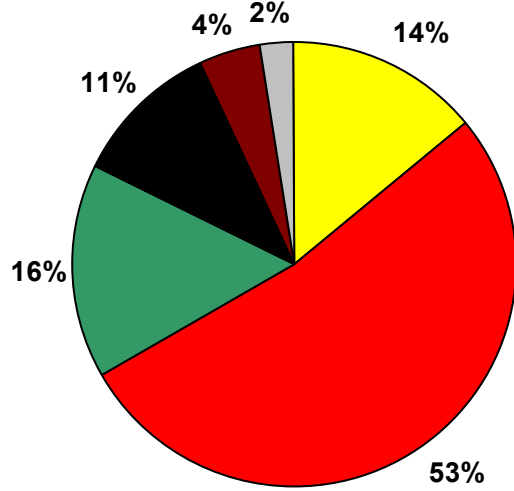
20% Best Visibility Days
Total Extinction = 27 Mm-1 (13 to 34 Mm-1)



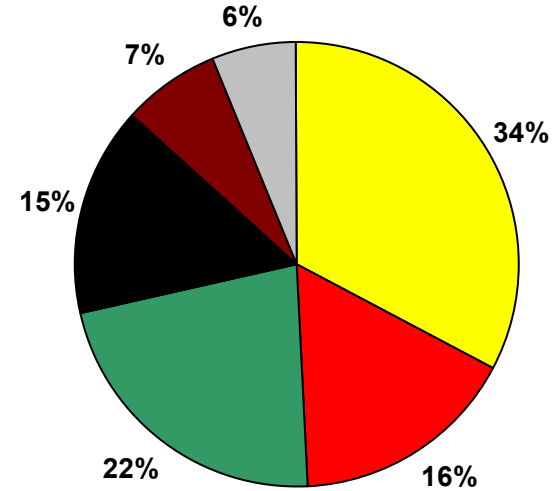
MODEL RESULTS

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

20% Worst Visibility Days
Aerosol Extinction* = 102 Mm-1 (72 to 206 Mm-1)

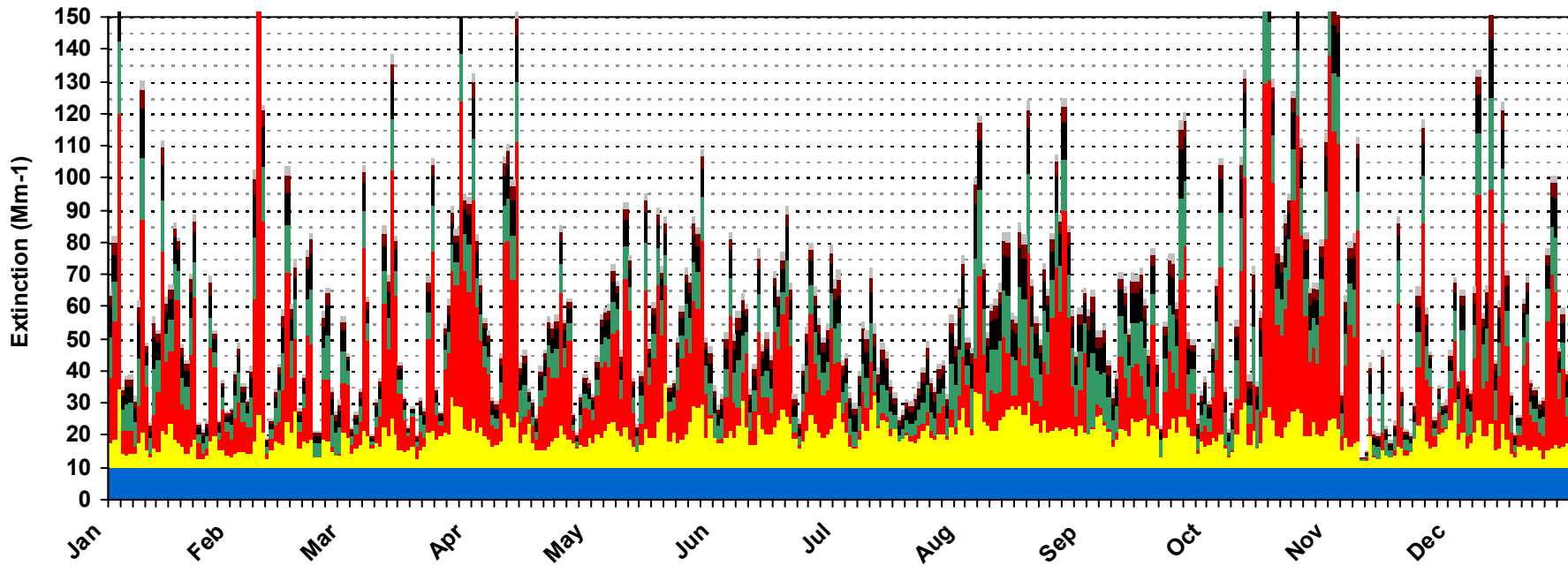


20% Best Visibility Days
Aerosol Extinction* = 17 Mm-1 (3 to 24 Mm-1)



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

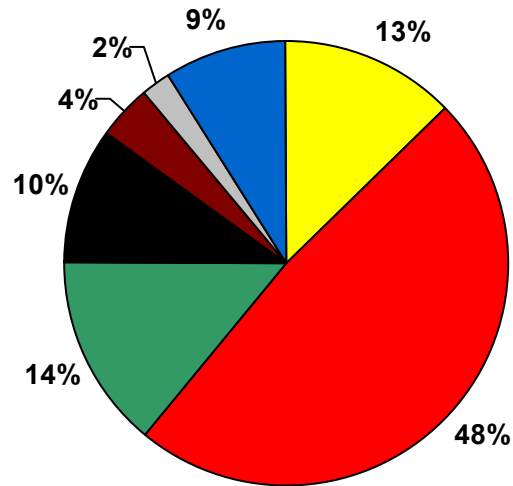
*Excludes Rayleigh Extinction



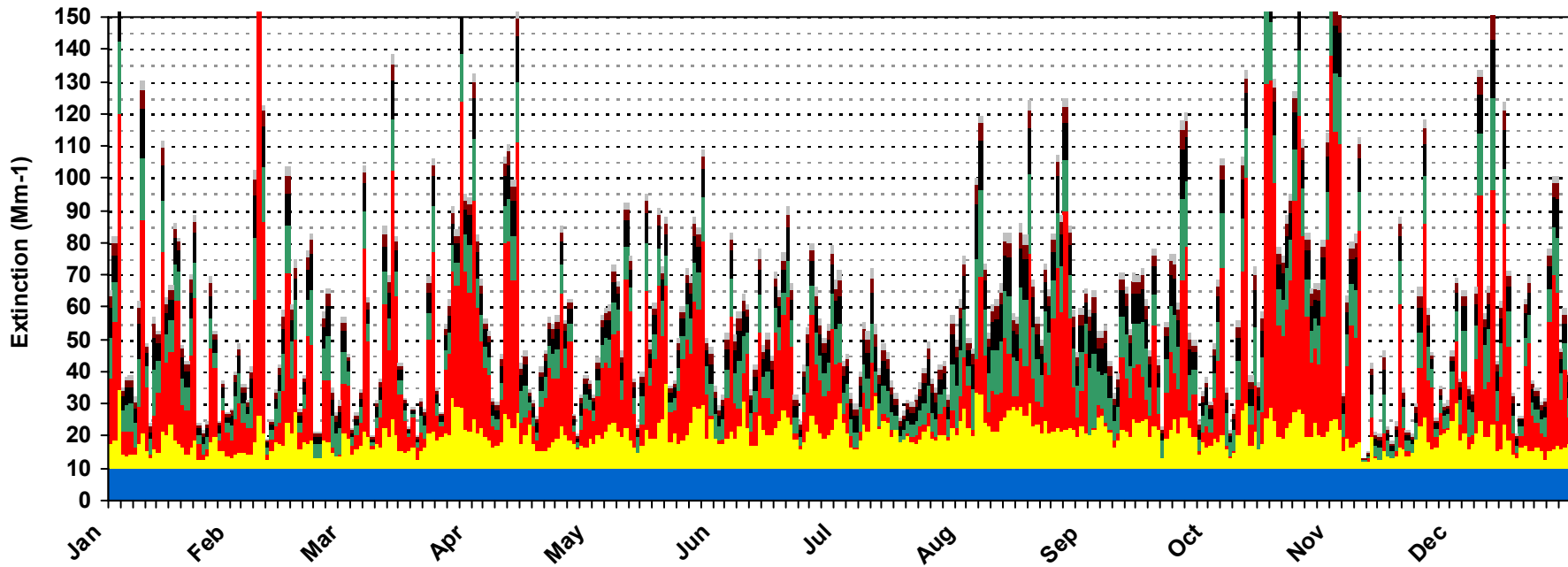
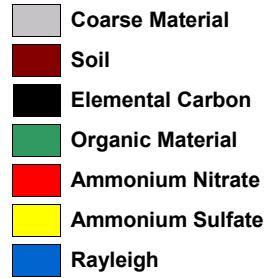
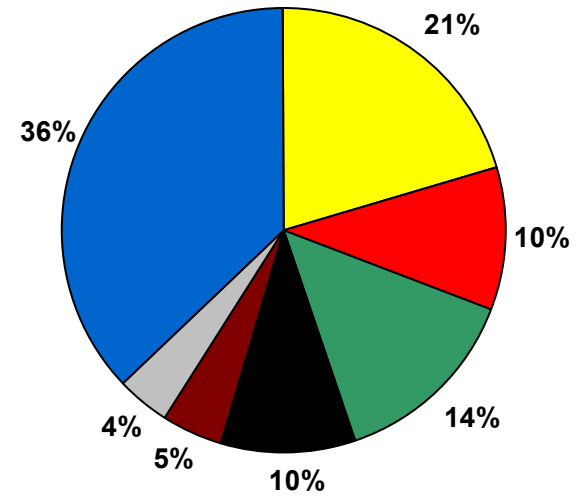
MODEL RESULTS

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

20% Worst Visibility Days
Total Extinction = 112 Mm-1 (82 to 216 Mm-1)



20% Best Visibility Days
Total Extinction = 27 Mm-1 (13 to 34 Mm-1)



MODEL RESULTS

San Jacinto 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:	112.4 (24.2 dv)	82.4 (21.1 dv)	215.5 (30.7 dv)
Aerosol Extinction*:	102.4	72.4	205.5
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	14.4	13%	14%
Ammonium Nitrate:	54.0	48%	53%
Organic Material:	16.0	14%	16%
Elemental Carbon:	11.1	10%	11%
Soil:	4.5	4%	4%
Coarse Material:	2.5	2%	2%
Rayleigh:	10.0	9%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	26.8 (9.9 dv)	13.3 (2.8 dv)	33.5 (12.1 dv)
Aerosol Extinction*:	16.8	3.3	23.5
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	5.5	21%	33%
Ammonium Nitrate:	2.8	10%	16%
Organic Material:	3.7	14%	22%
Elemental Carbon:	2.6	10%	15%
Soil:	1.2	5%	7%
Coarse Material:	1.0	4%	6%
Rayleigh:	10.0	37%	N/A

*Excludes Rayleigh Extinction