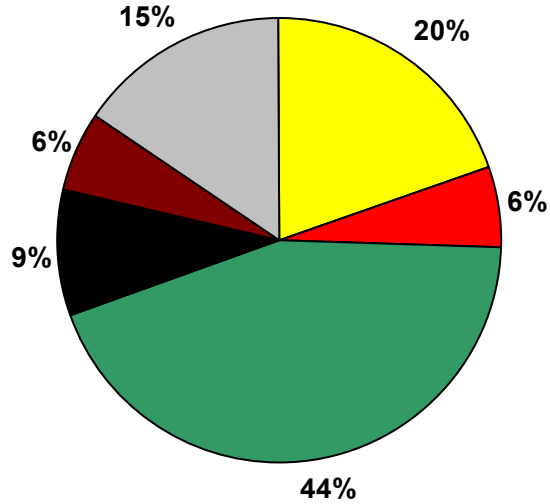


MONITORING DATA

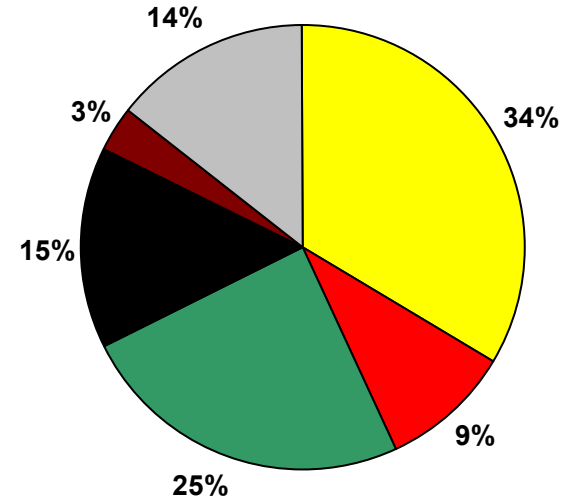
**La Garita Wilderness Area, CO
2002 Reconstructed Extinction**

WEMI1 Monitoring Data (every third day)

20% Worst Visibility Days
Aerosol Extinction* = 27 Mm-1 (16 to 102 Mm-1)

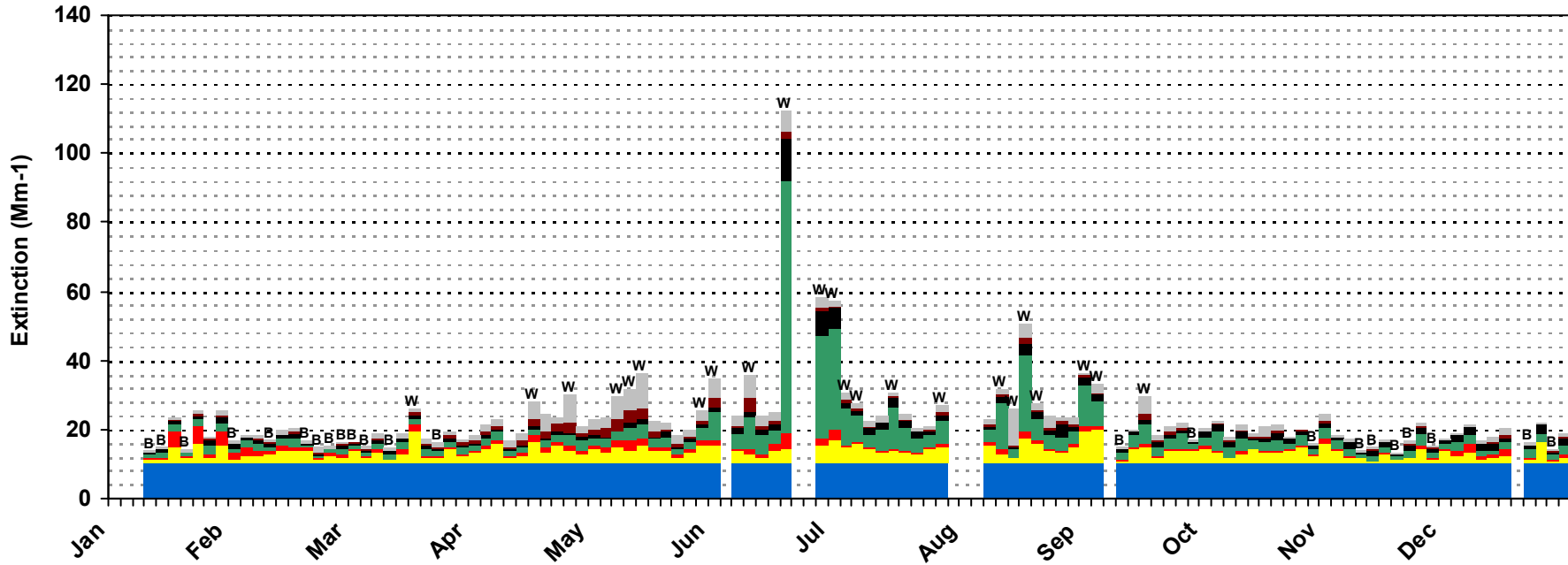


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (3 to 7 Mm-1)



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

*Excludes Rayleigh Extinction

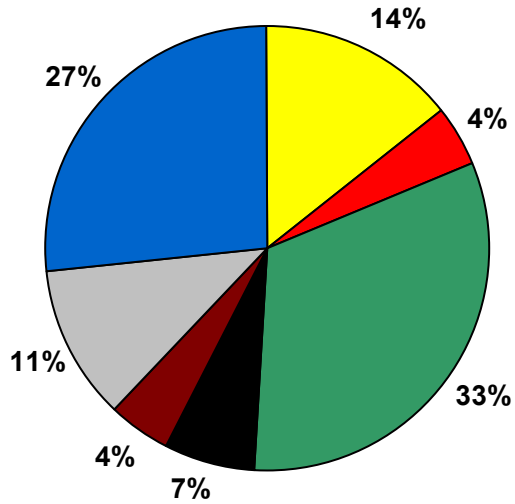


MONITORING DATA

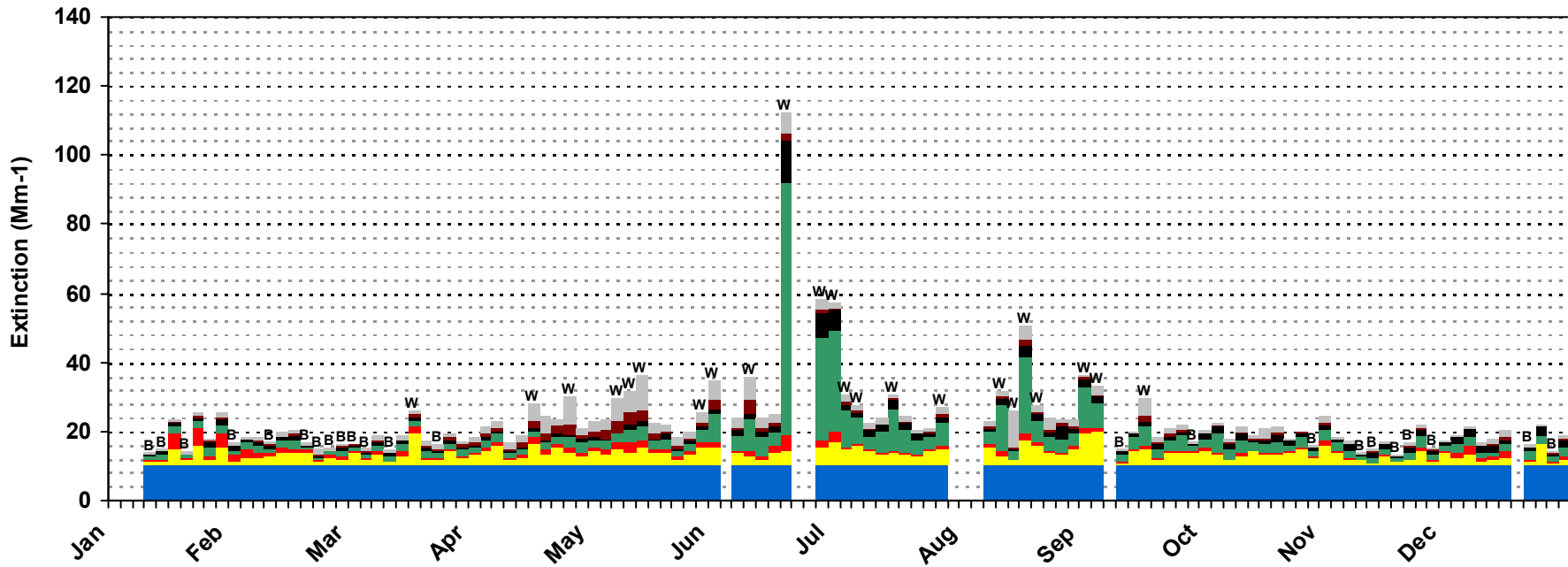
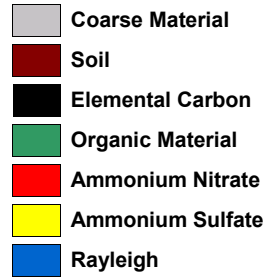
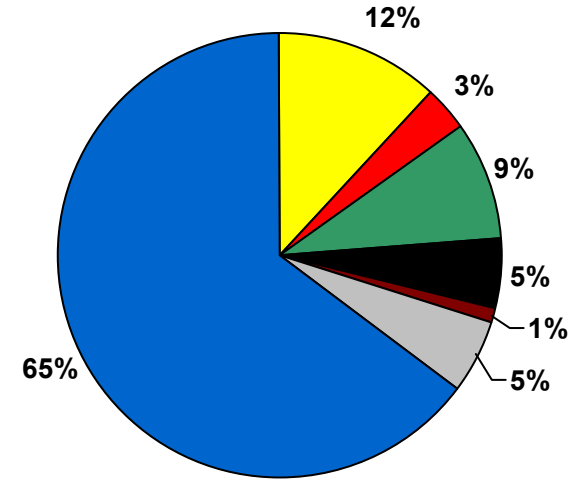
La Garita Wilderness Area, CO 2002 Reconstructed Extinction

WEMI1 Monitoring Data (every third day)

20% Worst Visibility Days
Total Extinction = 37 Mm-1 (26 to 112 Mm-1)



20% Best Visibility Days
Total Extinction = 15 Mm-1 (13 to 17 Mm-1)

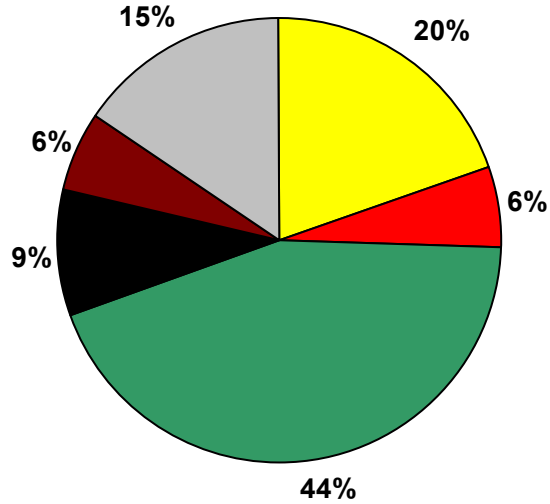


MONITORING DATA

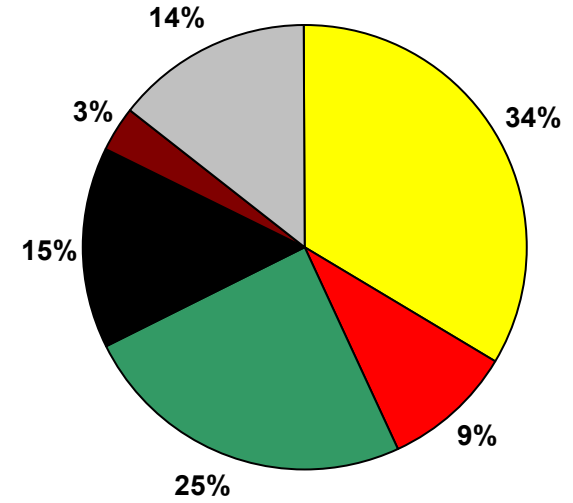
**La Garita Wilderness Area, CO
2002 Reconstructed Extinction**

WEMI1 Monitoring Data (every third day)

20% Worst Visibility Days
Aerosol Extinction* = 27 Mm-1 (16 to 102 Mm-1)

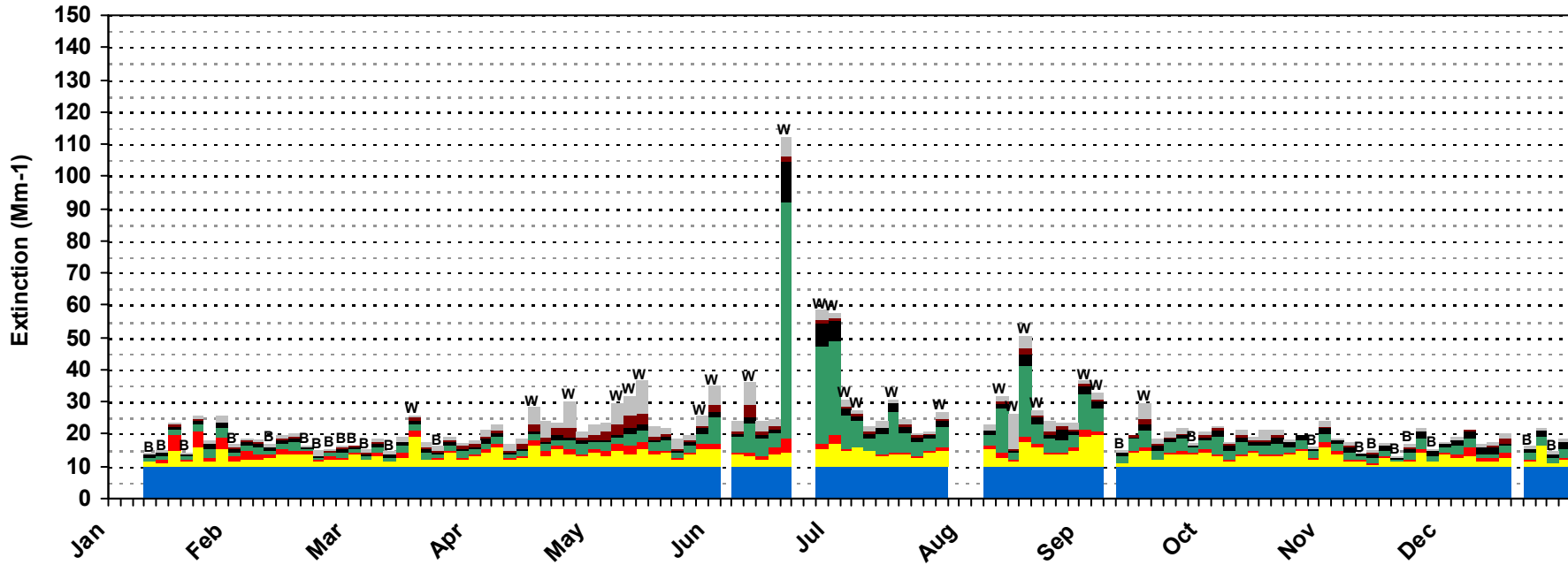


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (3 to 7 Mm-1)



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

*Excludes Rayleigh Extinction

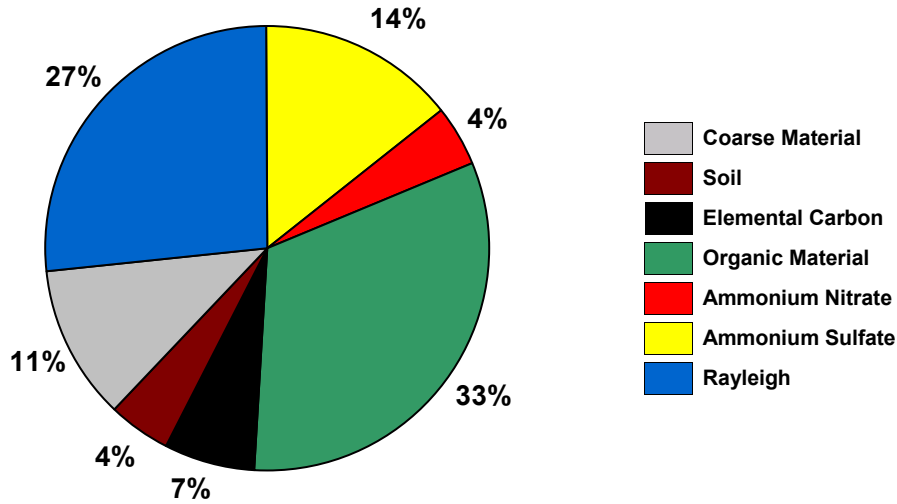


MONITORING DATA

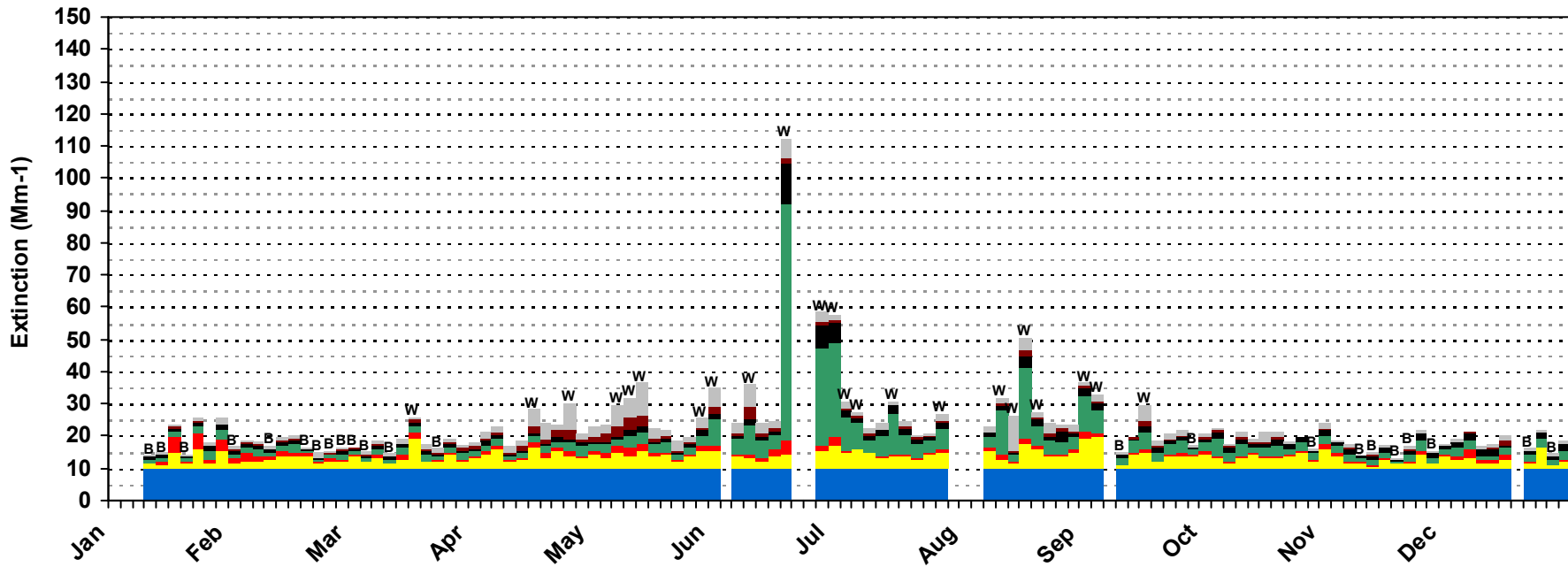
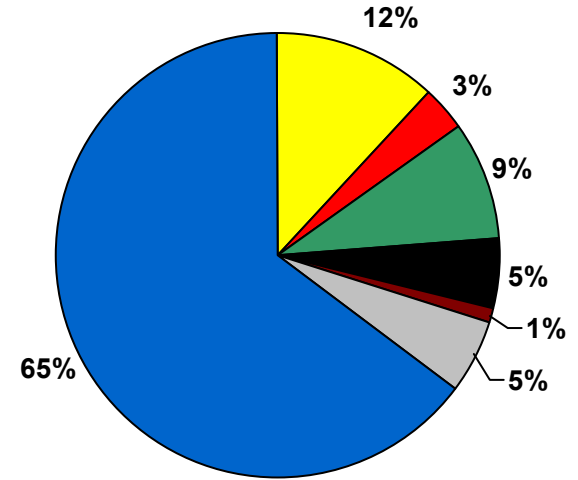
**La Garita Wilderness Area, CO
2002 Reconstructed Extinction**

WEMI1 Monitoring Data (every third day)

20% Worst Visibility Days
Total Extinction = 37 Mm-1 (26 to 112 Mm-1)



20% Best Visibility Days
Total Extinction = 15 Mm-1 (13 to 17 Mm-1)



MONITORING DATA

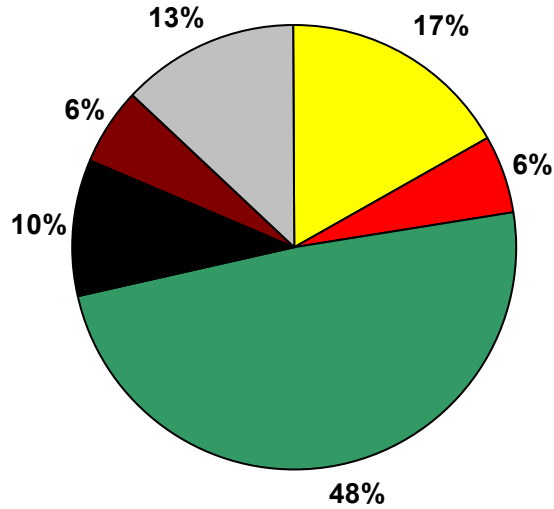
**La Garita Wilderness Area, CO
2002 Reconstructed Extinction**

"RAW" DATA

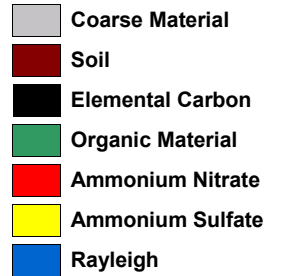
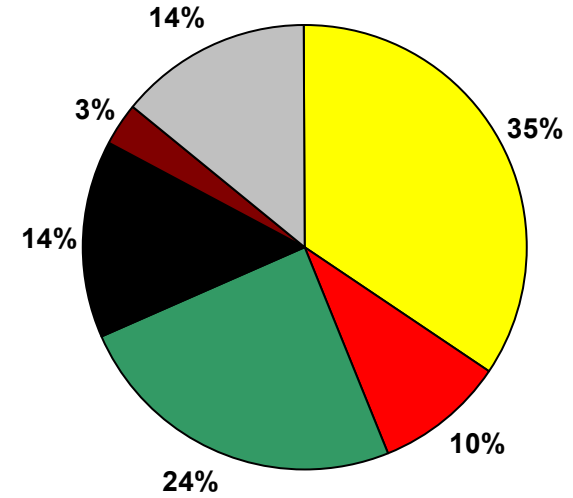
- No RHR data substitutions
- Includes available data from days with clogged filters

WEMI1 Monitoring Data (every third day)

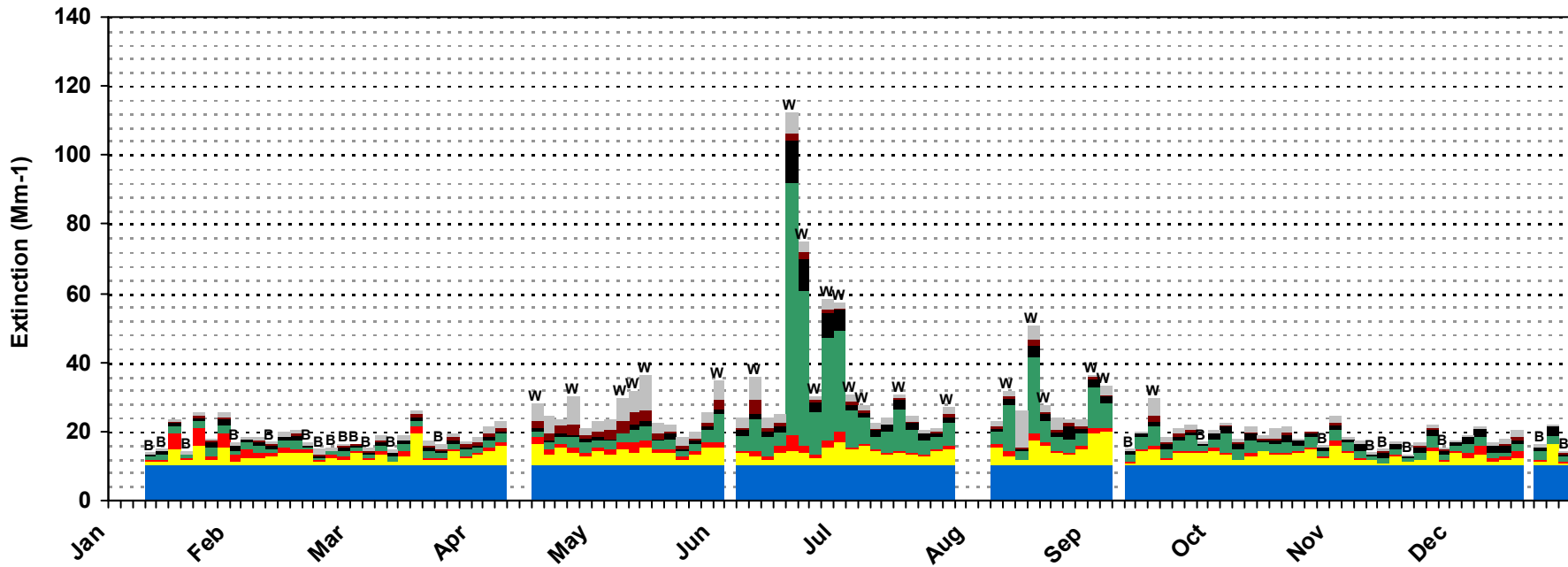
20% Worst Visibility Days
Aerosol Extinction* = 30 Mm-1 (17 to 102 Mm-1)



20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (3 to 7 Mm-1)



*Excludes Rayleigh Extinction



MONITORING DATA

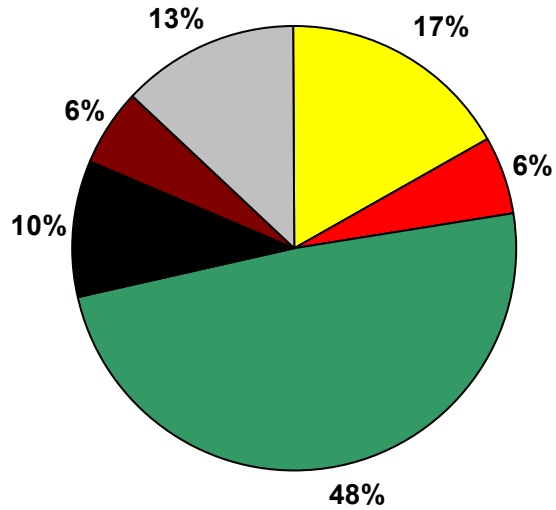
**La Garita Wilderness Area, CO
2002 Reconstructed Extinction**

WEMI1 Monitoring Data (every third day)

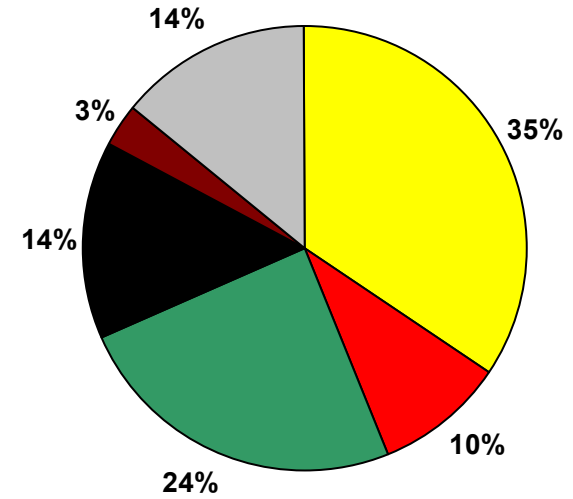
"RAW" DATA

- No RHR data substitutions
- Includes available data from days with clogged filters

20% Worst Visibility Days
Aerosol Extinction* = 30 Mm-1 (17 to 102 Mm-1)

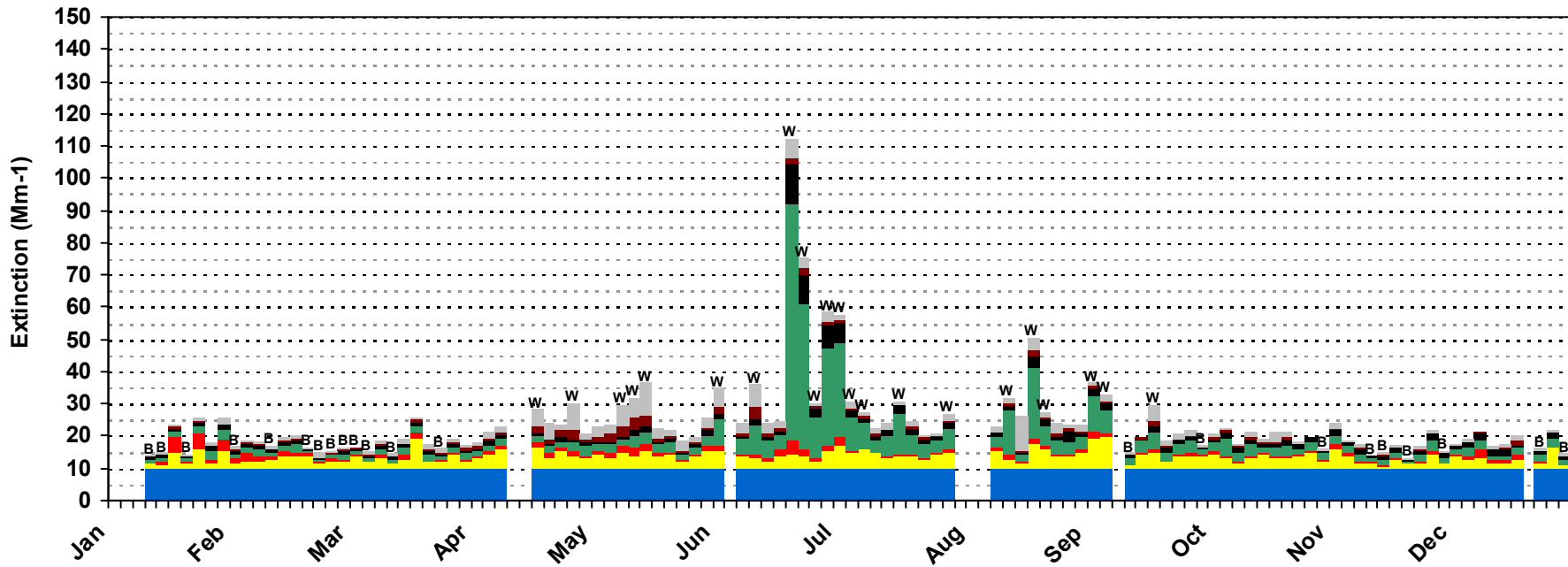


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (3 to 7 Mm-1)



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

*Excludes Rayleigh Extinction



MONITORING DATA

La Garita Wilderness Area, CO 2002 Reconstructed Extinction Values WEMI1 Monitoring Data (every third day)

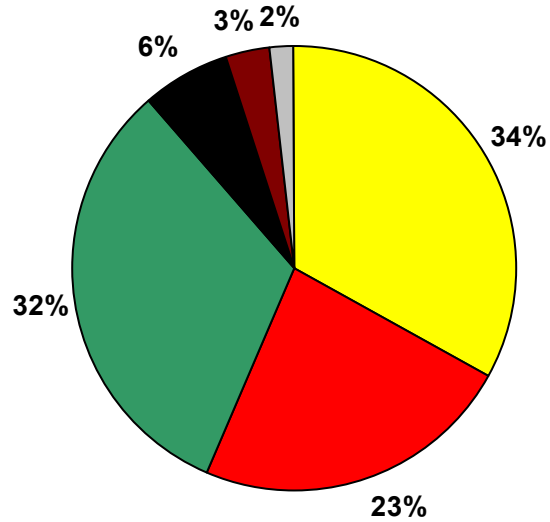
20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	37.3 (13.2 dv)	25.5 (9.4 dv)	112.5 (24.2 dv)
Aerosol Extinction*:	27.3	15.5	102.5
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	5.4	14%	20%
Ammonium Nitrate:	1.6	4%	6%
Organic Material:	12.0	32%	44%
Elemental Carbon:	2.5	7%	9%
Soil:	1.6	4%	6%
Coarse Material:	4.2	11%	15%
Rayleigh:	10.0	27%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	15.4 (4.3 dv)	13.1 (2.7 dv)	16.9 (5.3 dv)
Aerosol Extinction*:	5.4	3.1	6.9
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	1.8	12%	34%
Ammonium Nitrate:	0.5	3%	9%
Organic Material:	1.3	9%	25%
Elemental Carbon:	0.8	5%	15%
Soil:	0.2	1%	3%
Coarse Material:	0.7	5%	13%
Rayleigh:	10.0	65%	N/A

*Excludes Rayleigh Extinction

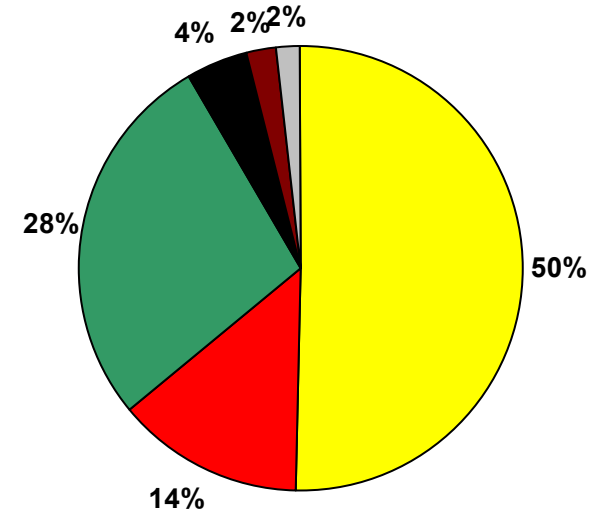
MODEL RESULTS

**La Garita Wilderness Area, CO
2002 Reconstructed Extinction
CMAQ Model Results (every day)**

20% Worst Visibility Days
Aerosol Extinction* = 20 Mm-1 (15 to 36 Mm-1)

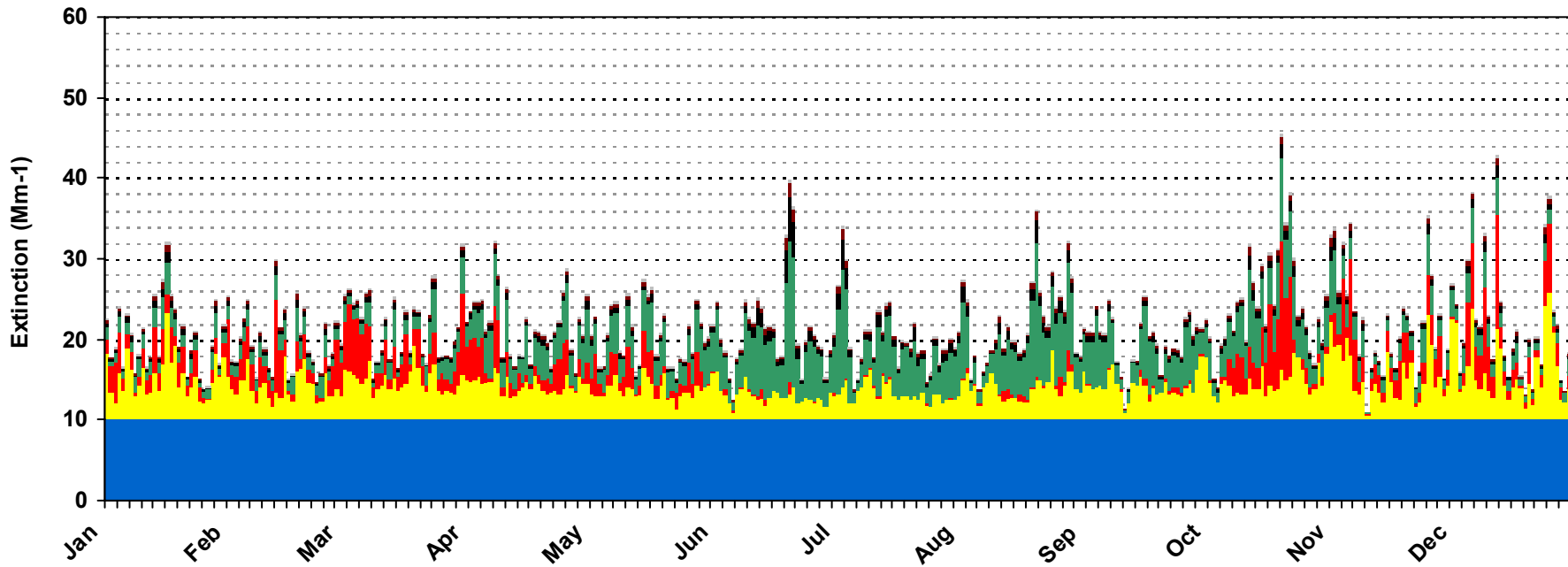


20% Best Visibility Days
Aerosol Extinction* = 6 Mm-1 (1 to 7 Mm-1)



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

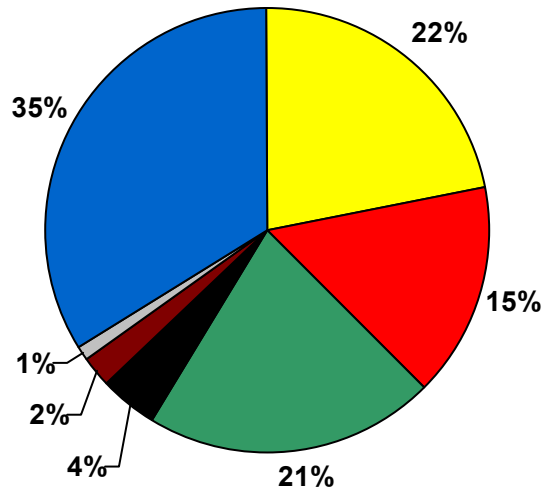
*Excludes Rayleigh Extinction



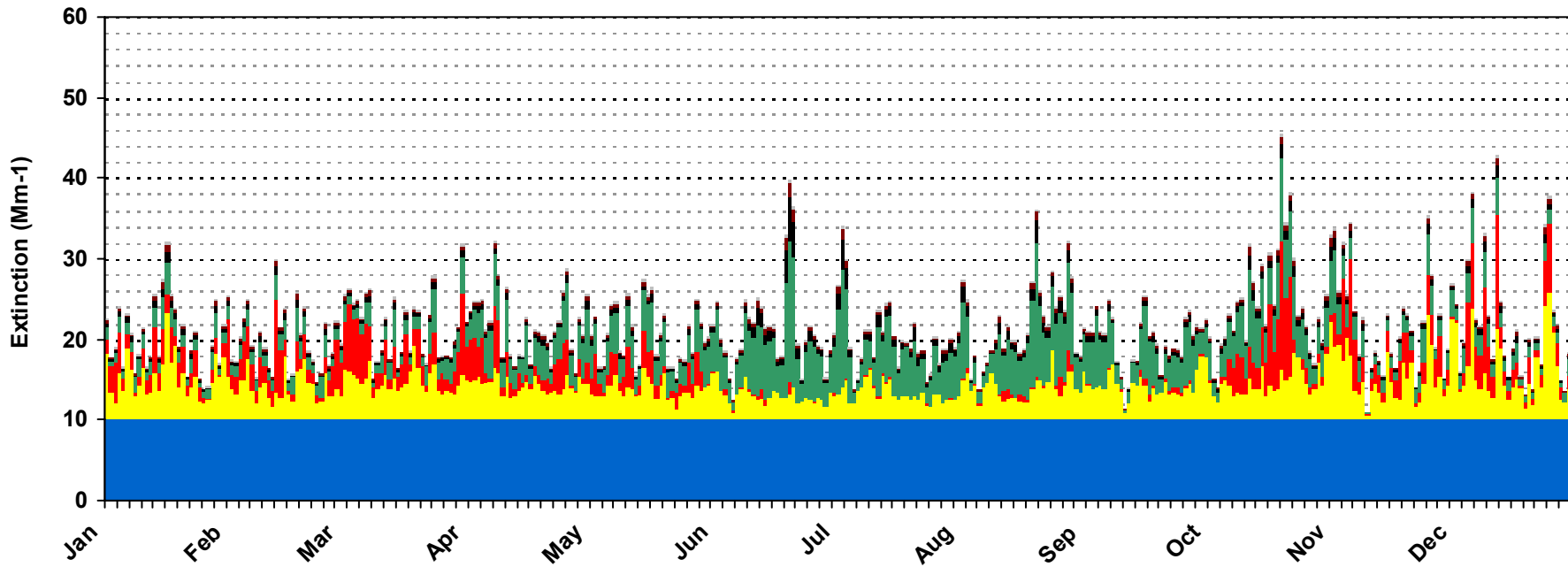
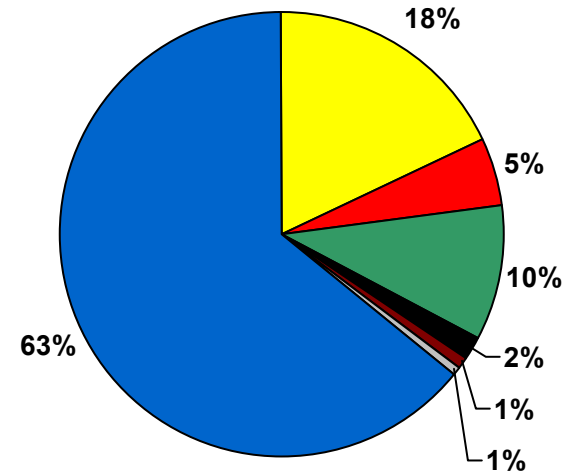
MODEL RESULTS

**La Garita Wilderness Area, CO
2002 Reconstructed Extinction
CMAQ Model Results (every day)**

20% Worst Visibility Days
Total Extinction = 30 Mm-1 (25 to 46 Mm-1)



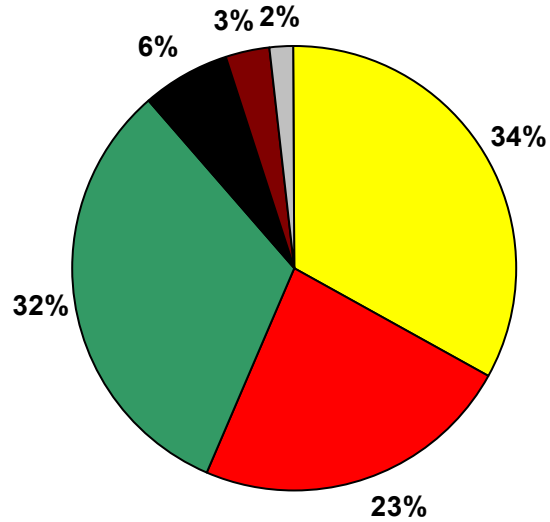
20% Best Visibility Days
Total Extinction = 16 Mm-1 (11 to 17 Mm-1)



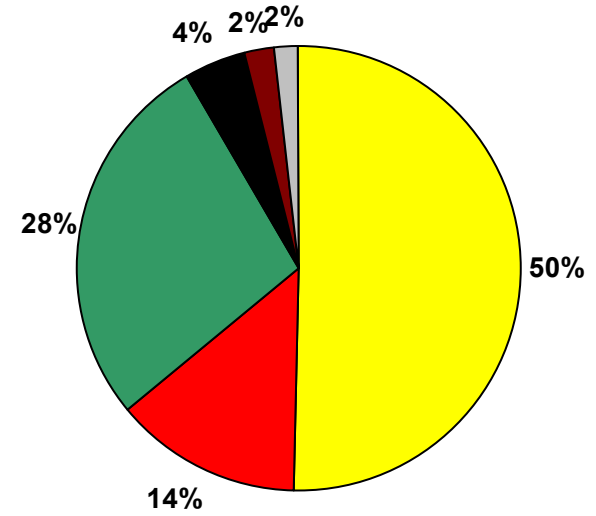
MODEL RESULTS

La Garita Wilderness Area, CO 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Aerosol Extinction* = 20 Mm⁻¹ (15 to 36 Mm⁻¹)

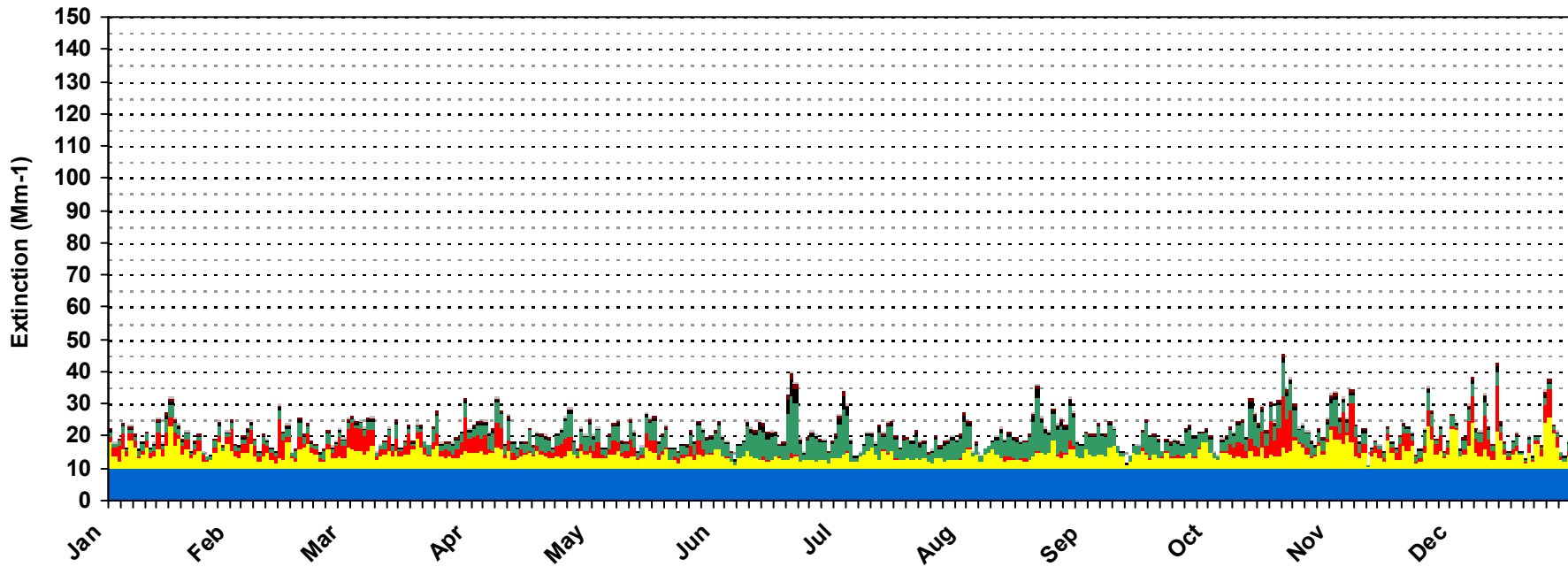


20% Best Visibility Days
Aerosol Extinction* = 6 Mm⁻¹ (1 to 7 Mm⁻¹)



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

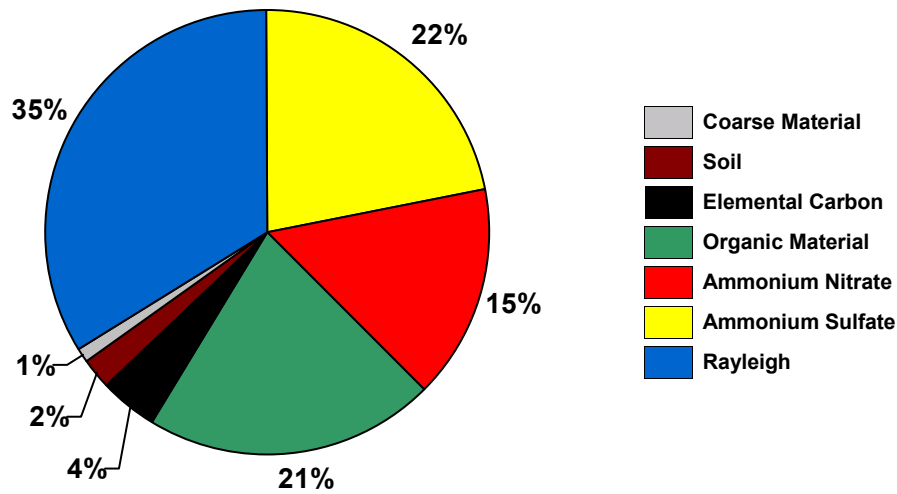
*Excludes Rayleigh Extinction



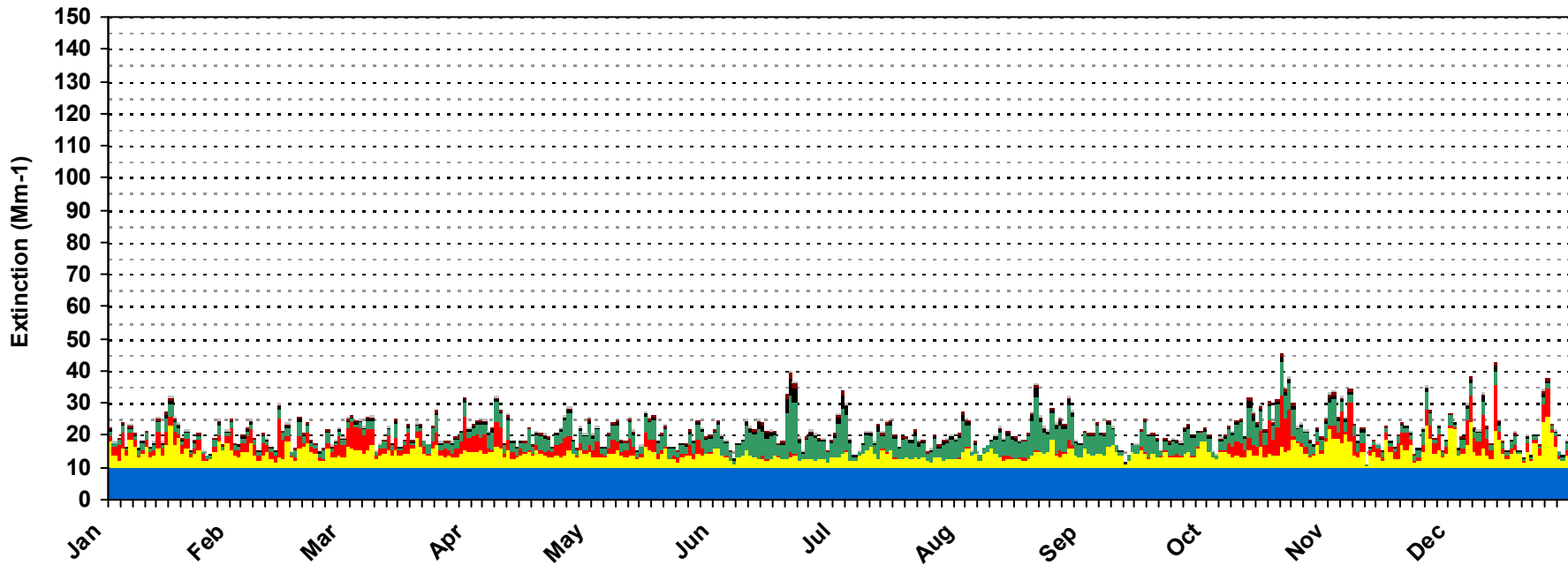
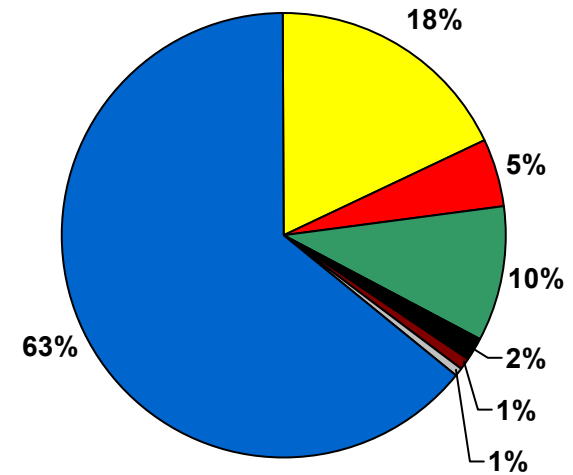
MODEL RESULTS

**La Garita Wilderness Area, CO
2002 Reconstructed Extinction
CMAQ Model Results (every day)**

20% Worst Visibility Days
Total Extinction = 30 Mm-1 (25 to 46 Mm-1)



20% Best Visibility Days
Total Extinction = 16 Mm-1 (11 to 17 Mm-1)



MODEL RESULTS

La Garita Wilderness Area, CO 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	29.5 (10.8 dv)	24.9 (9.1 dv)	45.6 (15.2 dv)
Aerosol Extinction*:	19.5	14.9	35.6
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	6.5	22%	33%
Ammonium Nitrate:	4.6	15%	23%
Organic Material:	6.2	21%	32%
Elemental Carbon:	1.3	4%	6%
Soil:	0.7	2%	3%
Coarse Material:	0.3	1%	2%
Rayleigh:	10.0	34%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	15.6 (4.4 dv)	11.0 (0.9 dv)	17.4 (5.6 dv)
Aerosol Extinction*:	5.6	1.0	7.4
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	2.8	18%	50%
Ammonium Nitrate:	0.8	5%	14%
Organic Material:	1.6	10%	28%
Elemental Carbon:	0.2	2%	4%
Soil:	0.1	1%	2%
Coarse Material:	0.1	1%	2%
Rayleigh:	10.0	64%	N/A

*Excludes Rayleigh Extinction