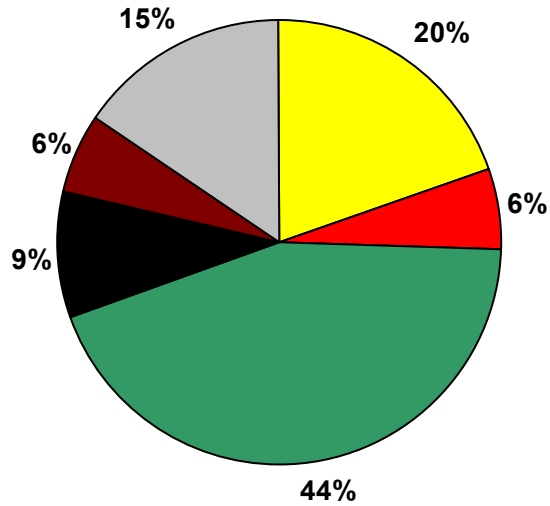


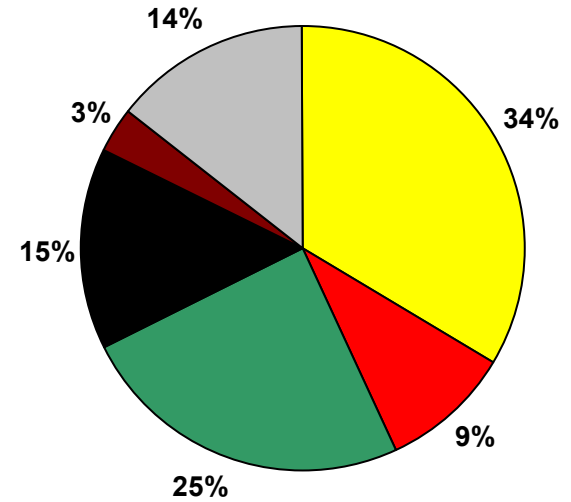
MONITORING DATA

**Weminuche 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)

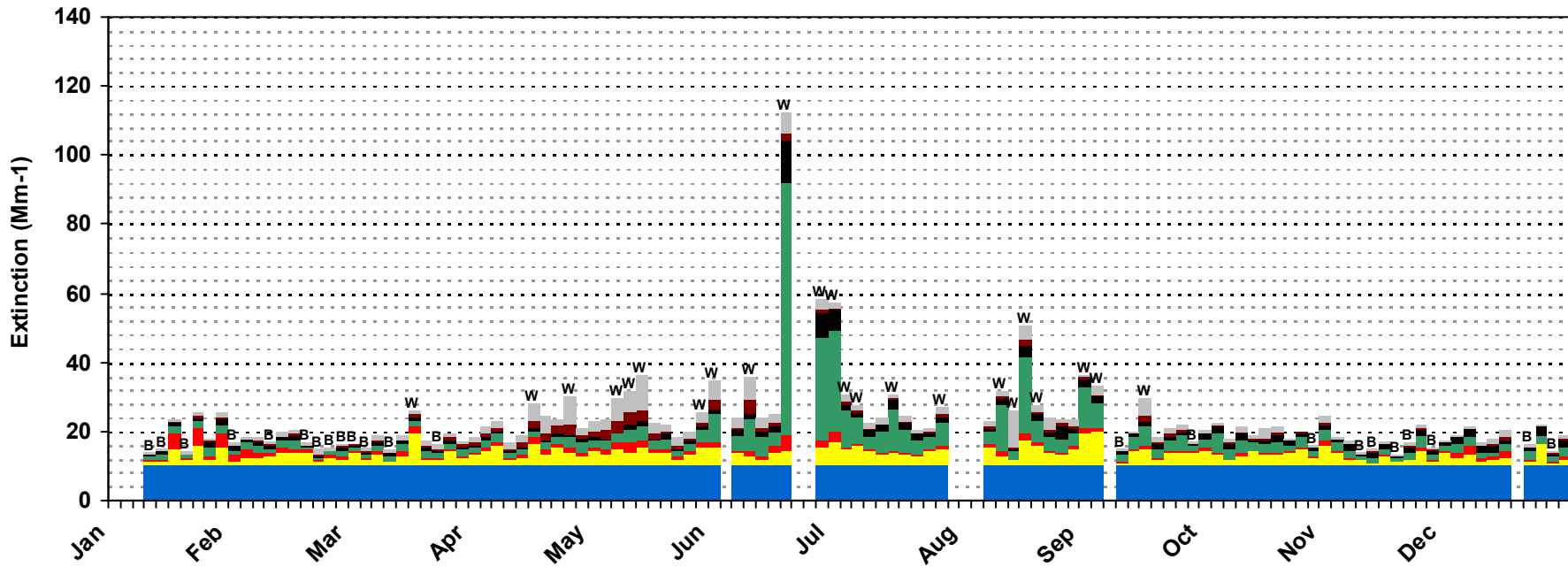


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (3 to 7 Mm-1)



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

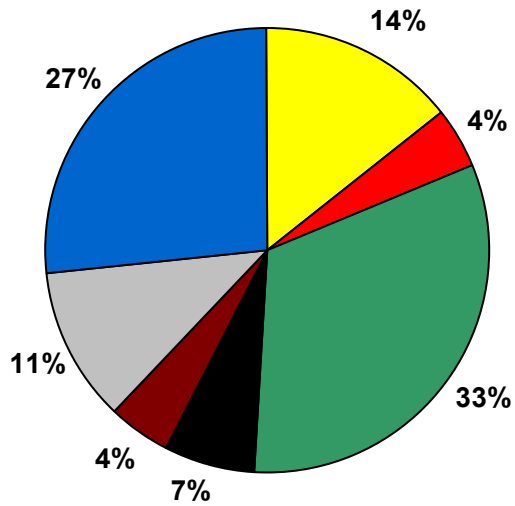
*Excludes Rayleigh Extinction



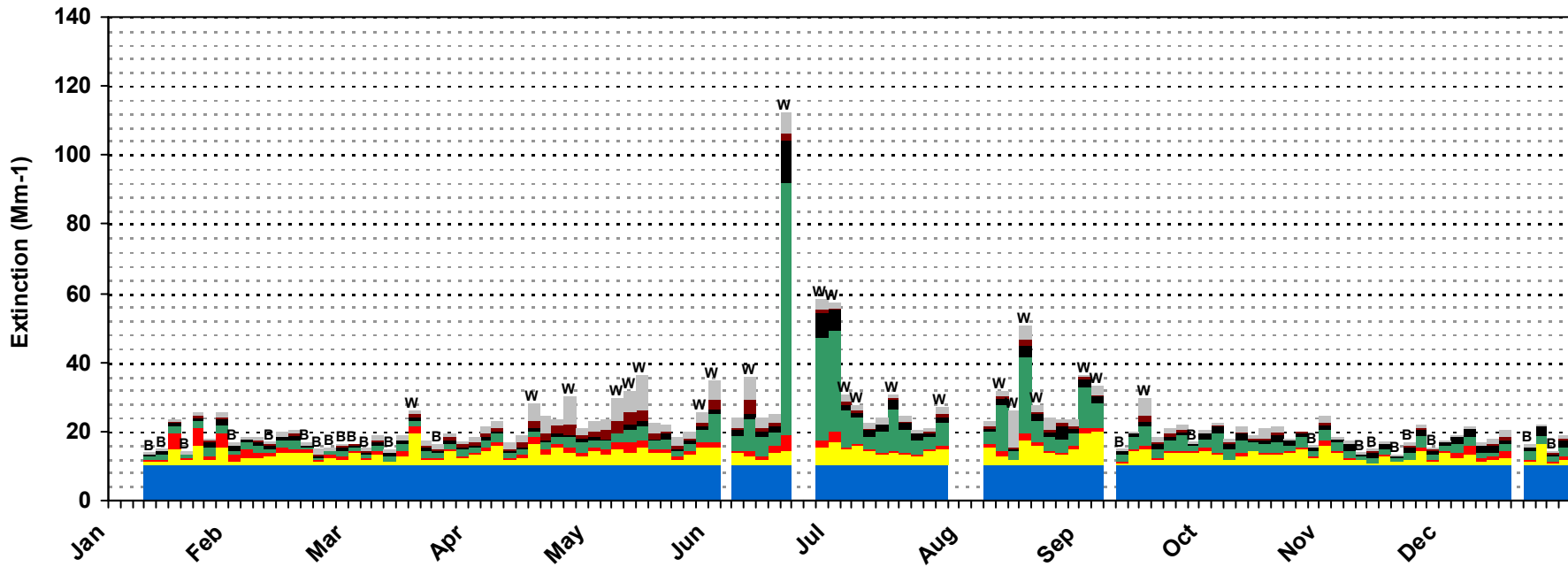
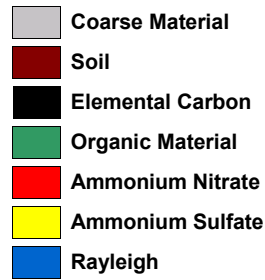
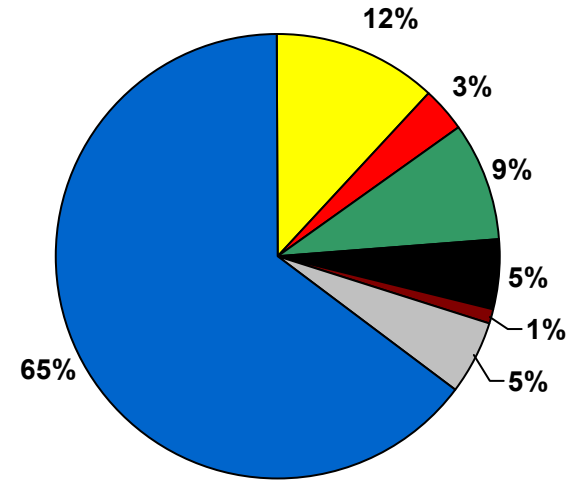
MONITORING DATA

**Weminuche 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)



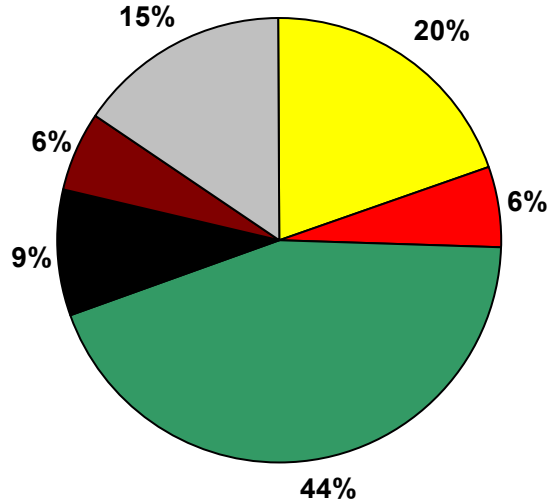
20% Best Visibility Days
Total Extinction = 15 Mm-1 (13 to 17 Mm-1)



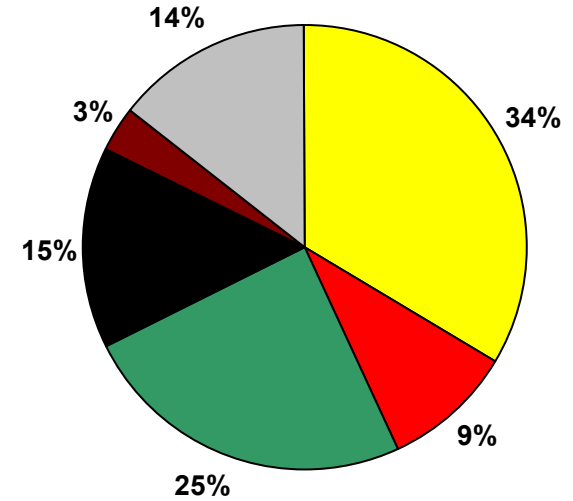
MONITORING DATA

**Weminuche 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)

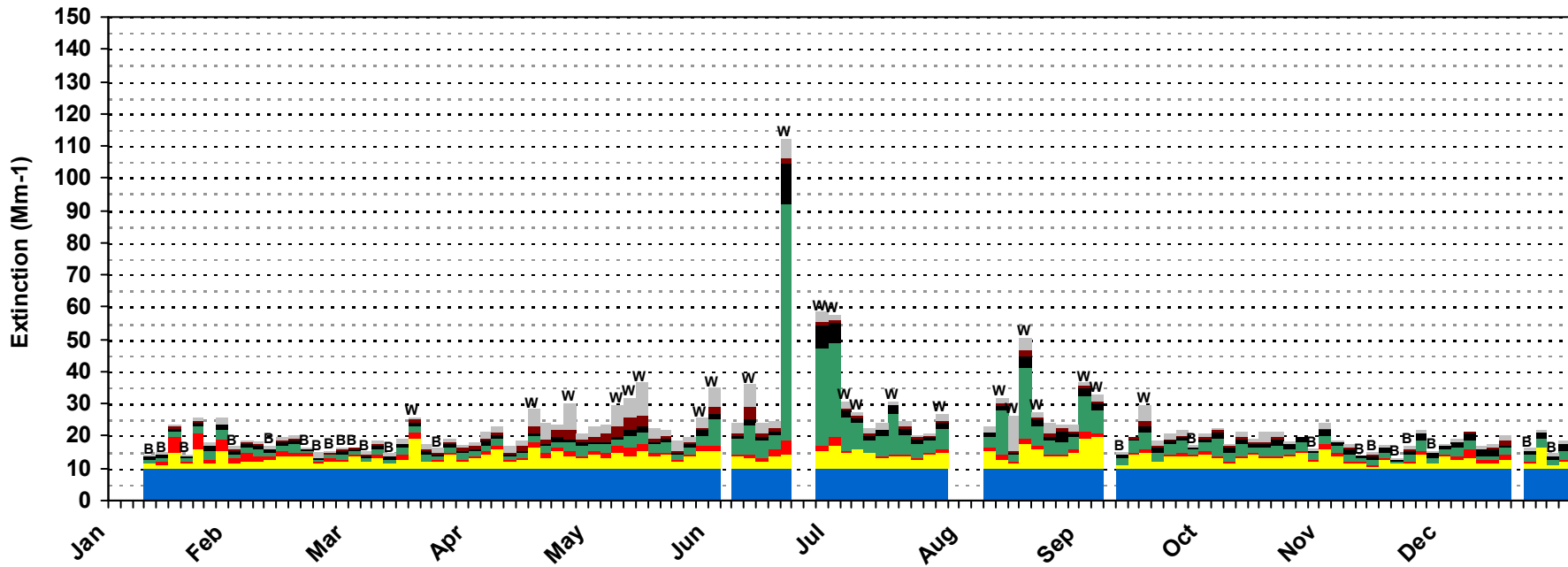


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (3 to 7 Mm-1)



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

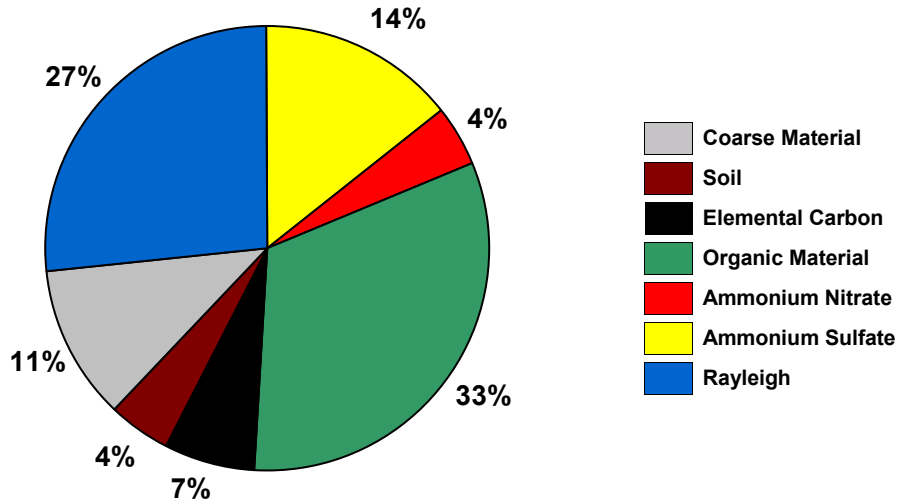
*Excludes Rayleigh Extinction



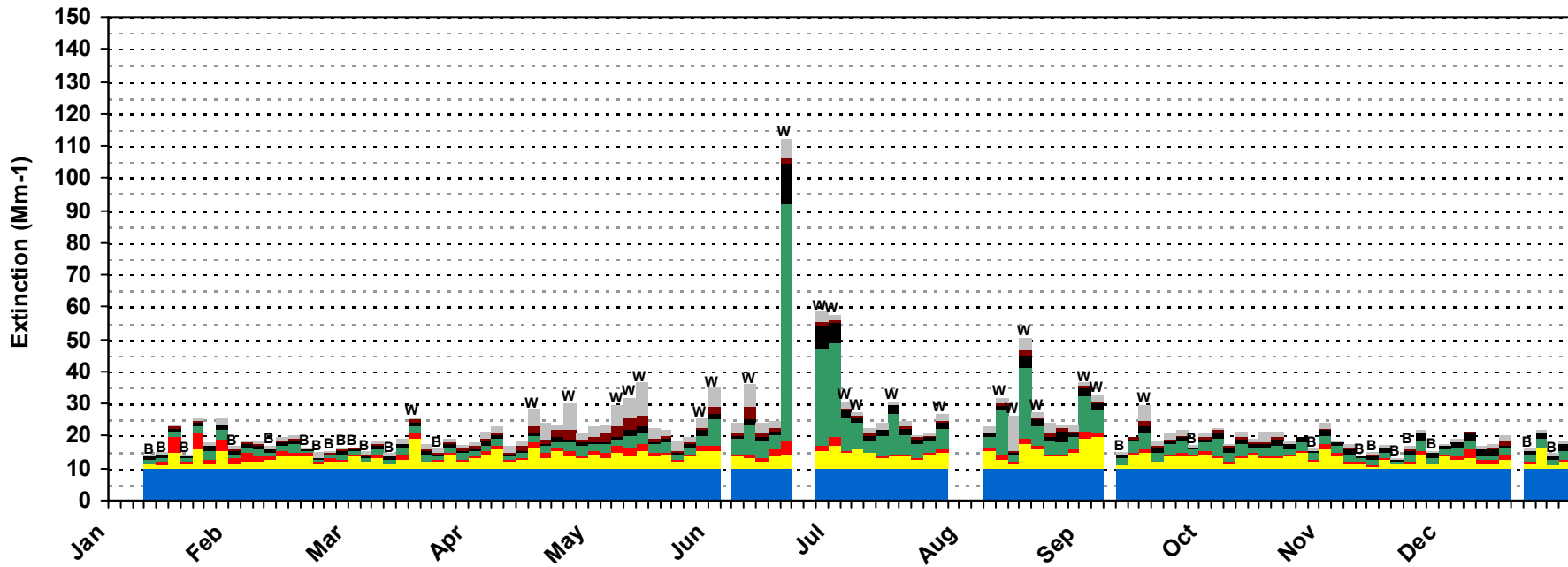
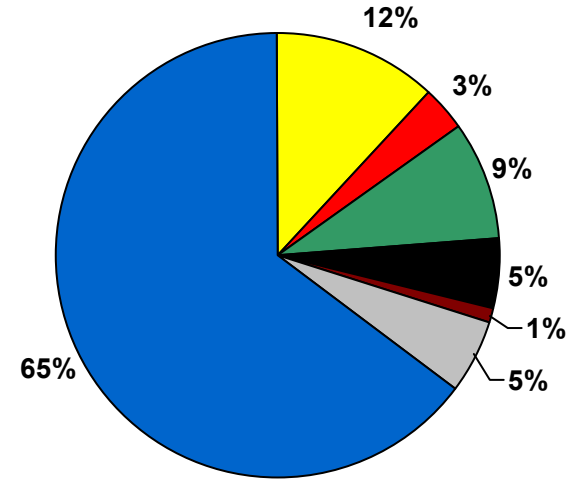
MONITORING DATA

**Weminuche 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)



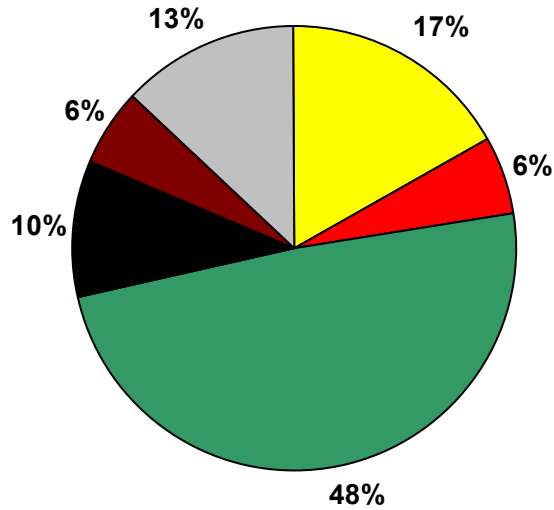
MONITORING DATA

**Weminuche Wilderness Area, CO
2002 Reconstructed Extinction
WEMI1 Monitoring Data (every third day)**

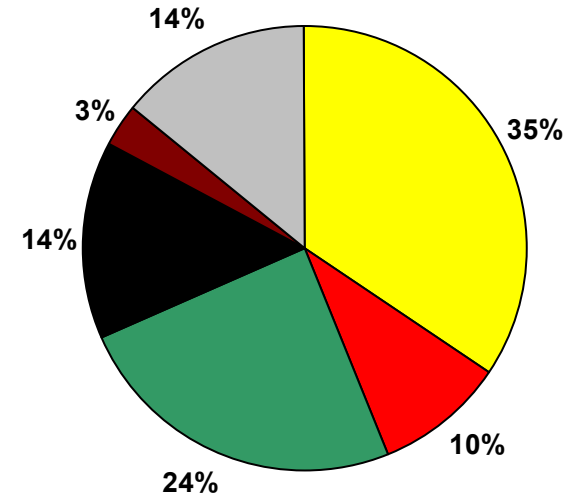
"RAW" DATA

- 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)

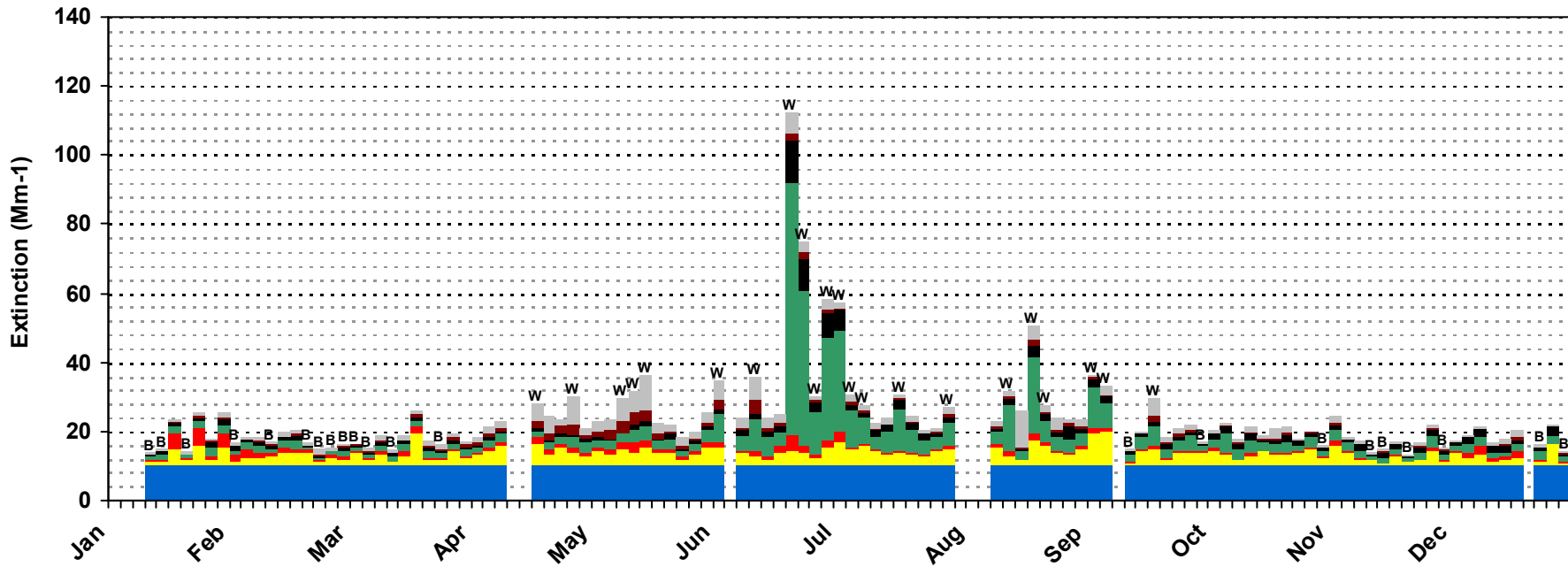


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (3 to 7 Mm-1)



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

*Excludes Rayleigh Extinction



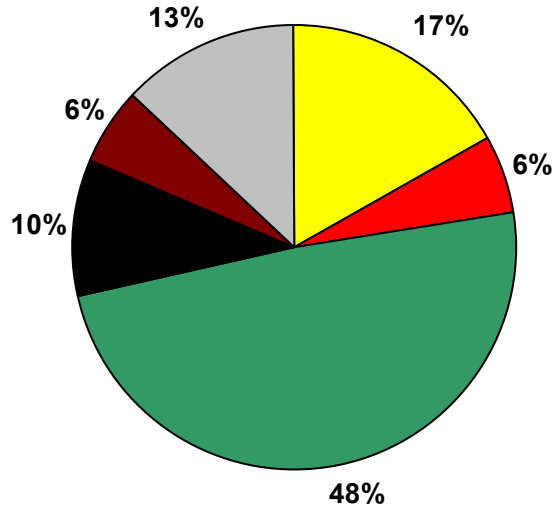
MONITORING DATA

**Weminuche Wilderness Area, CO
2002 Reconstructed Extinction
WEMI1 Monitoring Data (every third day)**

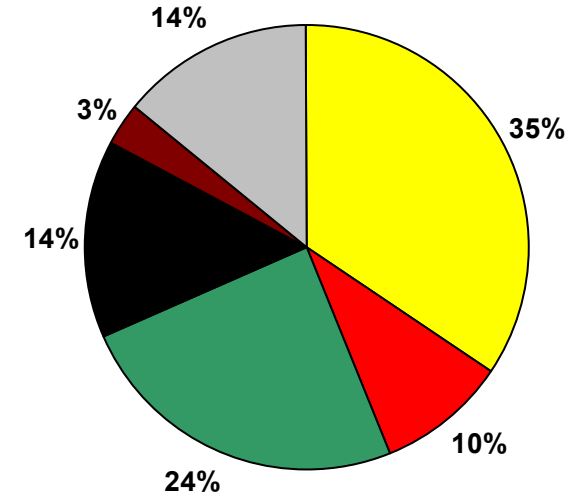
"RAW" DATA

- 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)

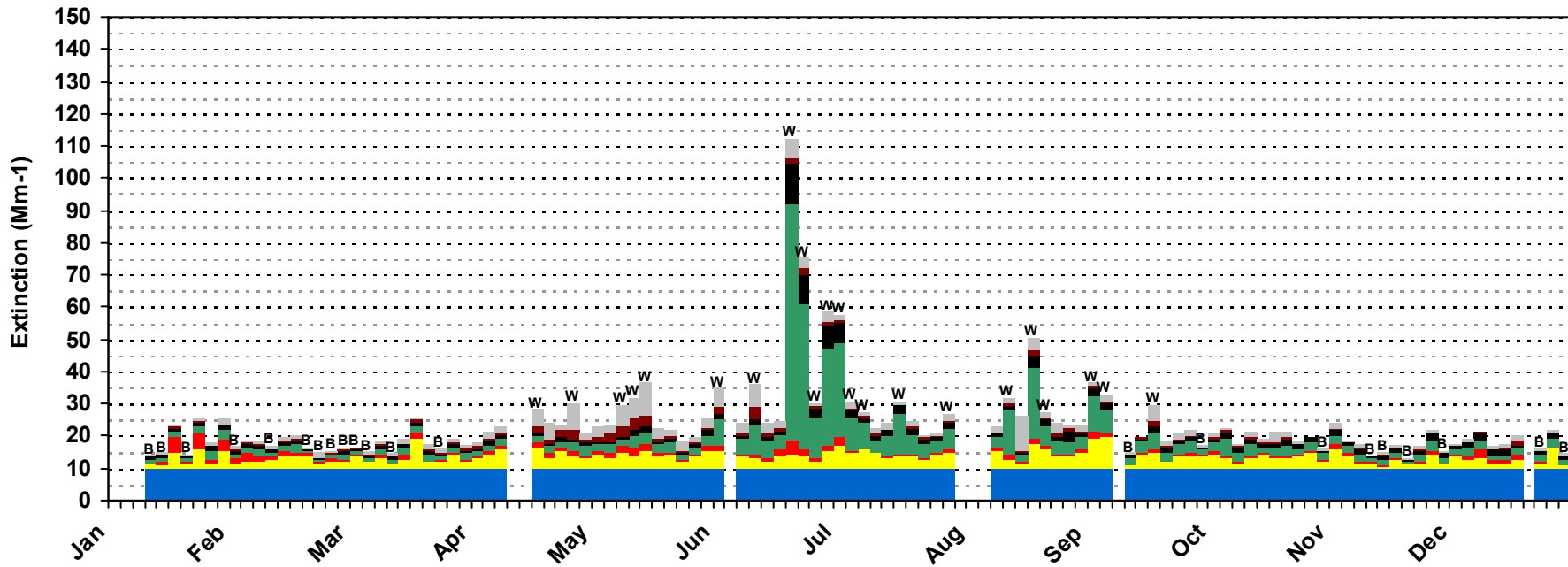


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (3 to 7 Mm-1)



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

*Excludes Rayleigh Extinction



MONITORING DATA

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

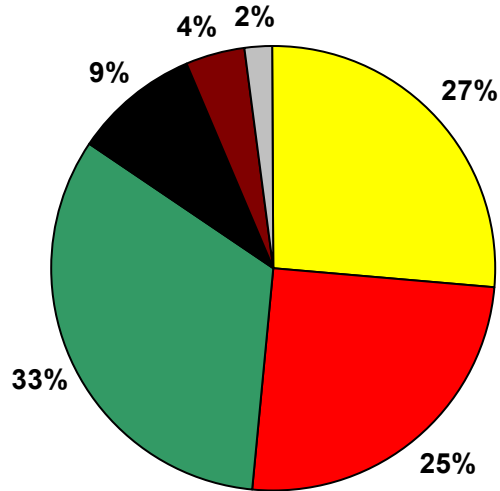
20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	37.3 (13.2 dv)	25.5 (9.4 dv)	112.5 (24.2 dv)
Aerosol Extinction*:	27.3	15.5	102.5
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	5.4	14%	20%
Ammonium Nitrate:	1.6	4%	6%
Organic Material:	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

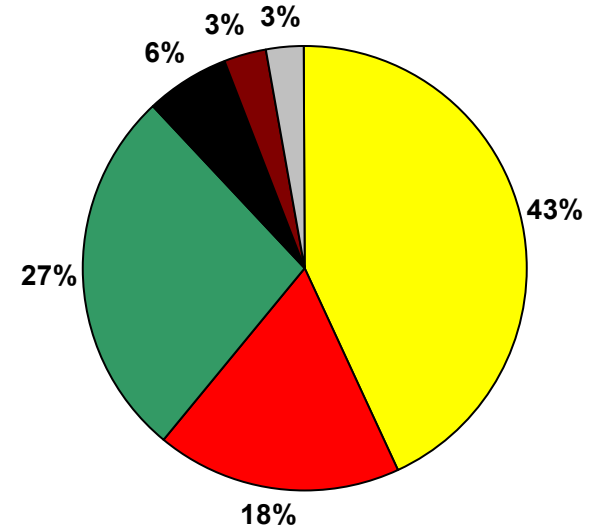
MODEL RESULTS

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

20% Worst Visibility Days
Aerosol Extinction* = 24 Mm-1 (17 to 59 Mm-1)

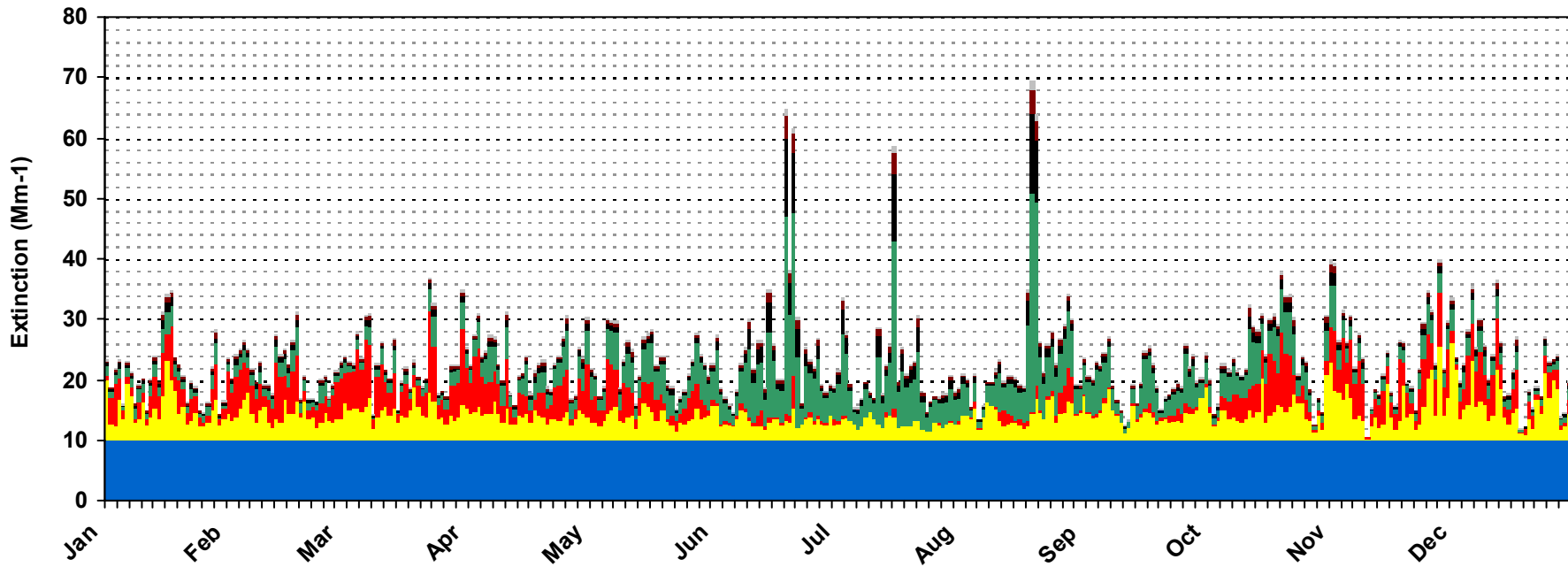


20% Best Visibility Days
Aerosol Extinction* = 6 Mm-1 (1 to 8 Mm-1)



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

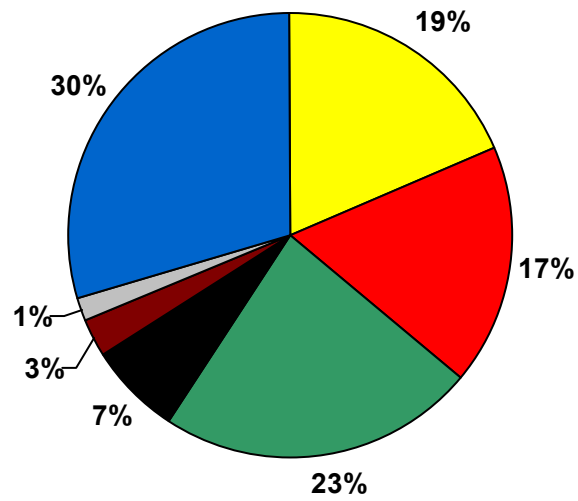
*Excludes Rayleigh Extinction



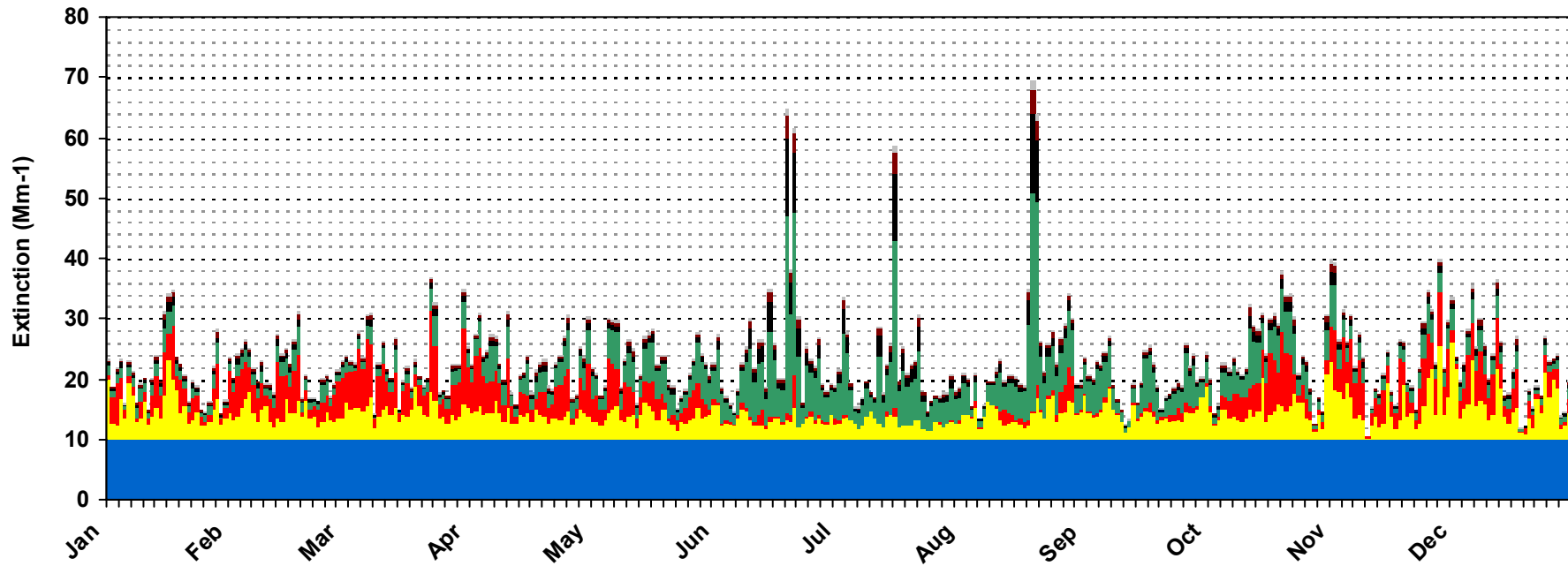
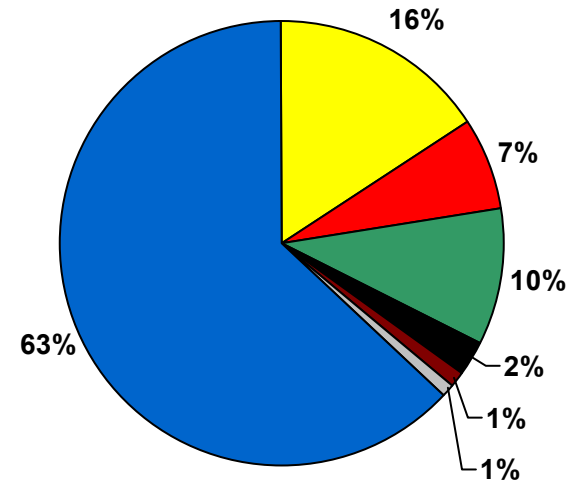
MODEL RESULTS

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

20% Worst Visibility Days
Total Extinction = 34 Mm-1 (27 to 69 Mm-1)



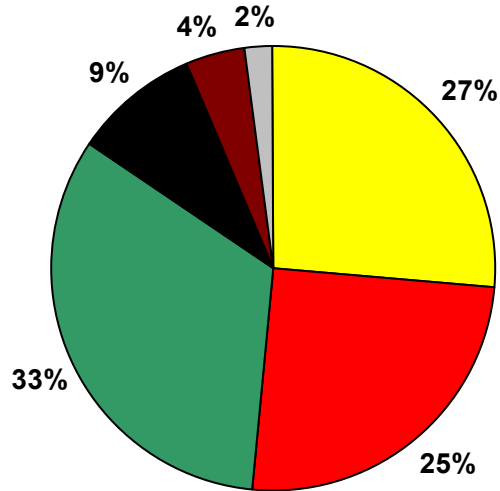
20% Best Visibility Days
Total Extinction = 16 Mm-1 (11 to 18 Mm-1)



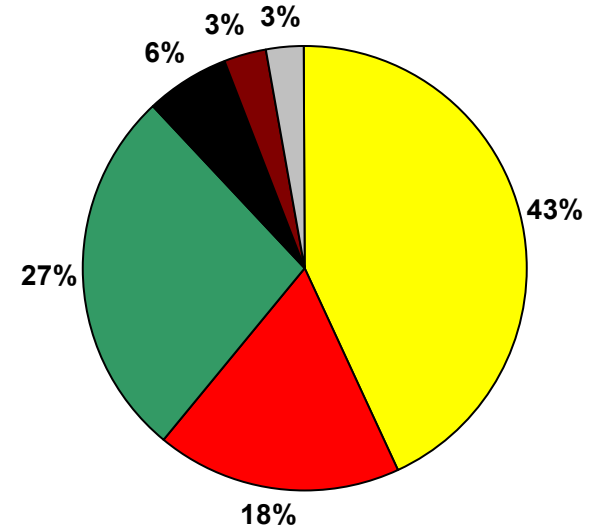
MODEL RESULTS

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

20% Worst Visibility Days
Aerosol Extinction* = 24 Mm-1 (17 to 59 Mm-1)

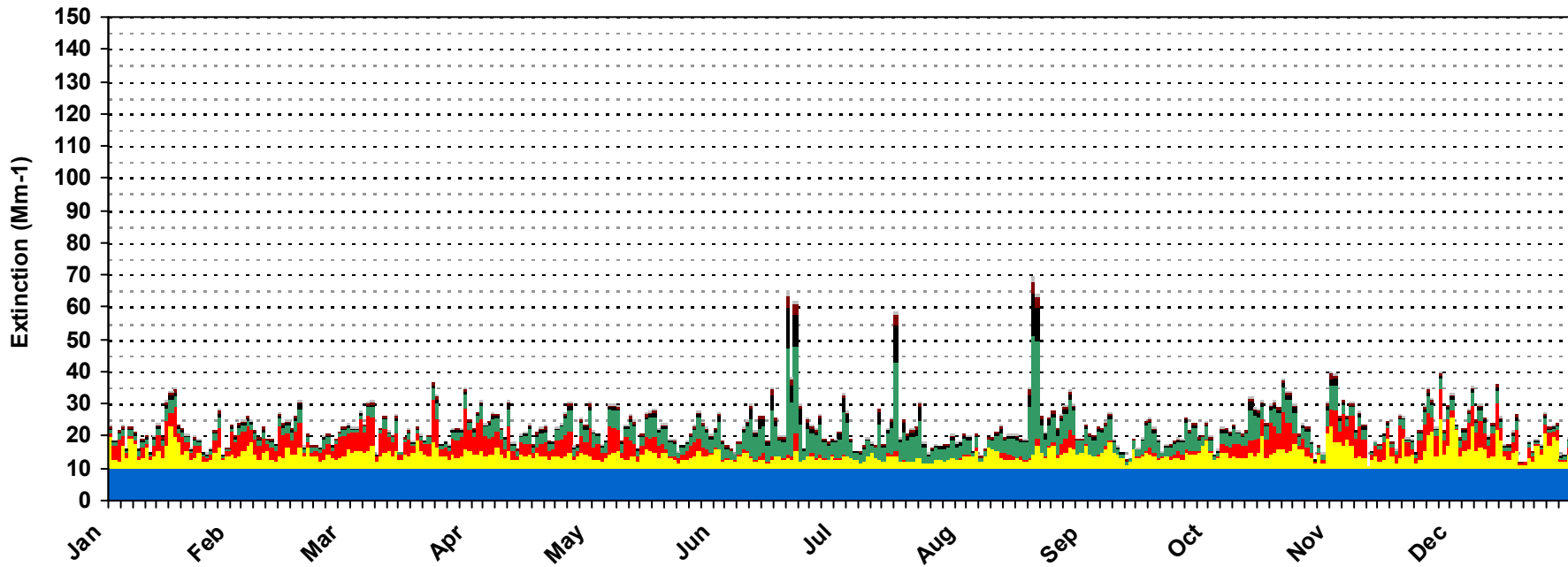


20% Best Visibility Days
Aerosol Extinction* = 6 Mm-1 (1 to 8 Mm-1)



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

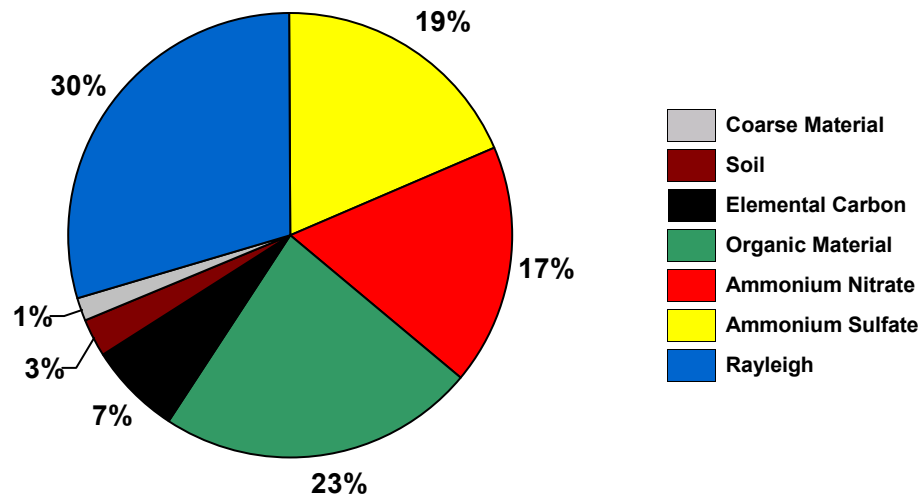
*Excludes Rayleigh Extinction



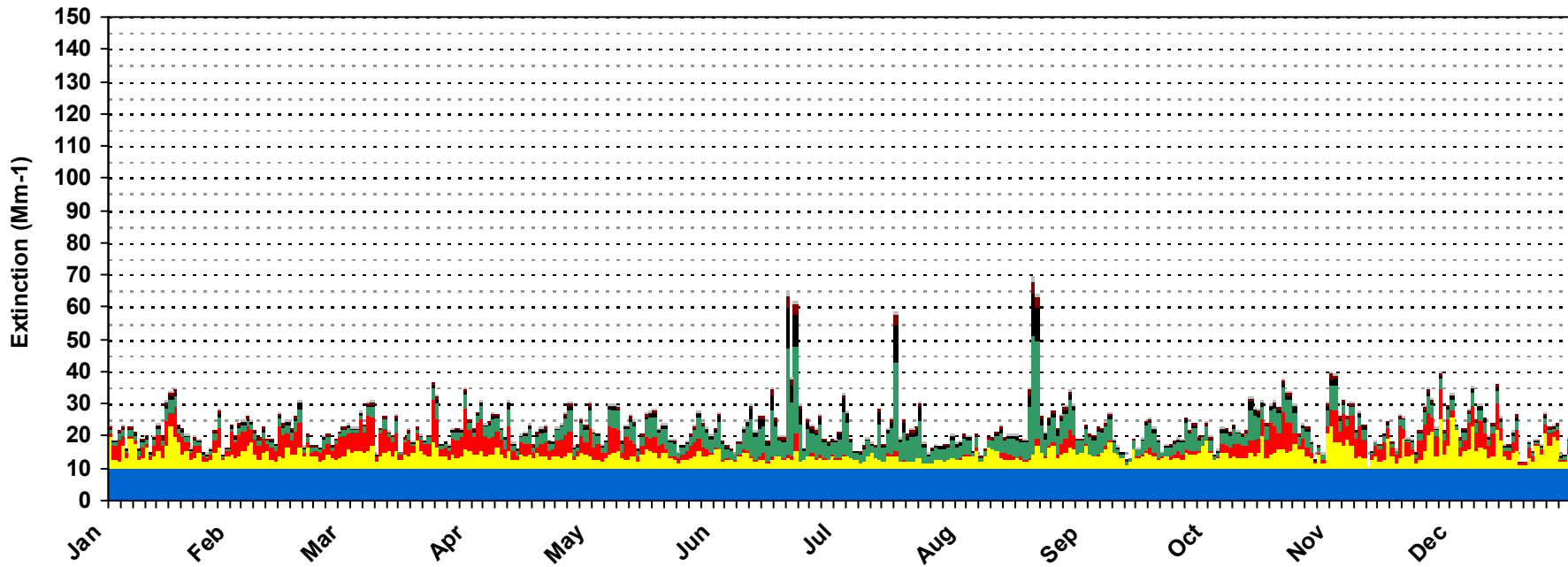
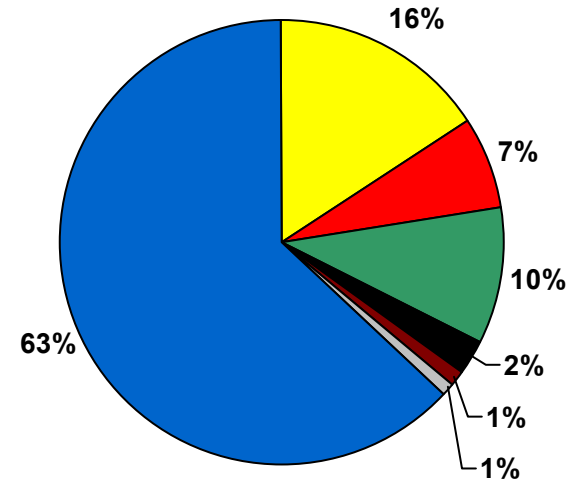
MODEL RESULTS

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

20% Worst Visibility Days
Total Extinction = 34 Mm-1 (27 to 69 Mm-1)



20% Best Visibility Days
Total Extinction = 16 Mm-1 (11 to 18 Mm-1)



MODEL RESULTS

Weminuche 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:	33.5 (12.1 dv)	27.1 (10.0 dv)	69.5 (19.4 dv)
Aerosol Extinction*:	23.5	17.1	59.5
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	6.2	19%	27%
Ammonium Nitrate:	5.8	17%	25%
Organic Material:	7.8	23%	33%
Elemental Carbon:	2.2	7%	9%
Soil:	1.0	3%	4%
Coarse Material:	0.5	1%	2%
Rayleigh:	10.0	30%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	15.9 (4.6 dv)	10.6 (0.6 dv)	17.9 (5.8 dv)
Aerosol Extinction*:	5.9	0.6	7.9
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	2.5	16%	43%
Ammonium Nitrate:	1.0	7%	18%
Organic Material:	1.6	10%	27%
Elemental Carbon:	0.4	2%	6%
Soil:	0.2	1%	3%
Coarse Material:	0.2	1%	3%
Rayleigh:	10.0	63%	N/A

*Excludes Rayleigh Extinction