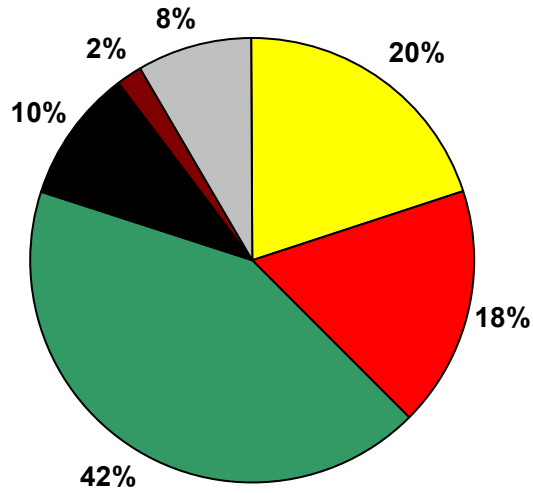


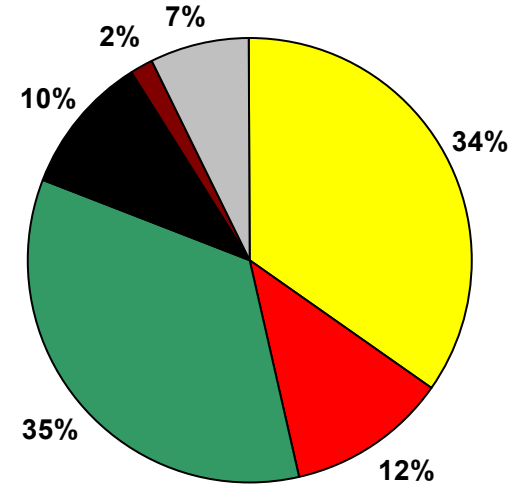
MONITORING DATA

**Yolla Bolly-Middle Eel Wilderness Area, CA
2002 Reconstructed Extinction
TRIN1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 44 Mm⁻¹ (26 to 84 Mm⁻¹)

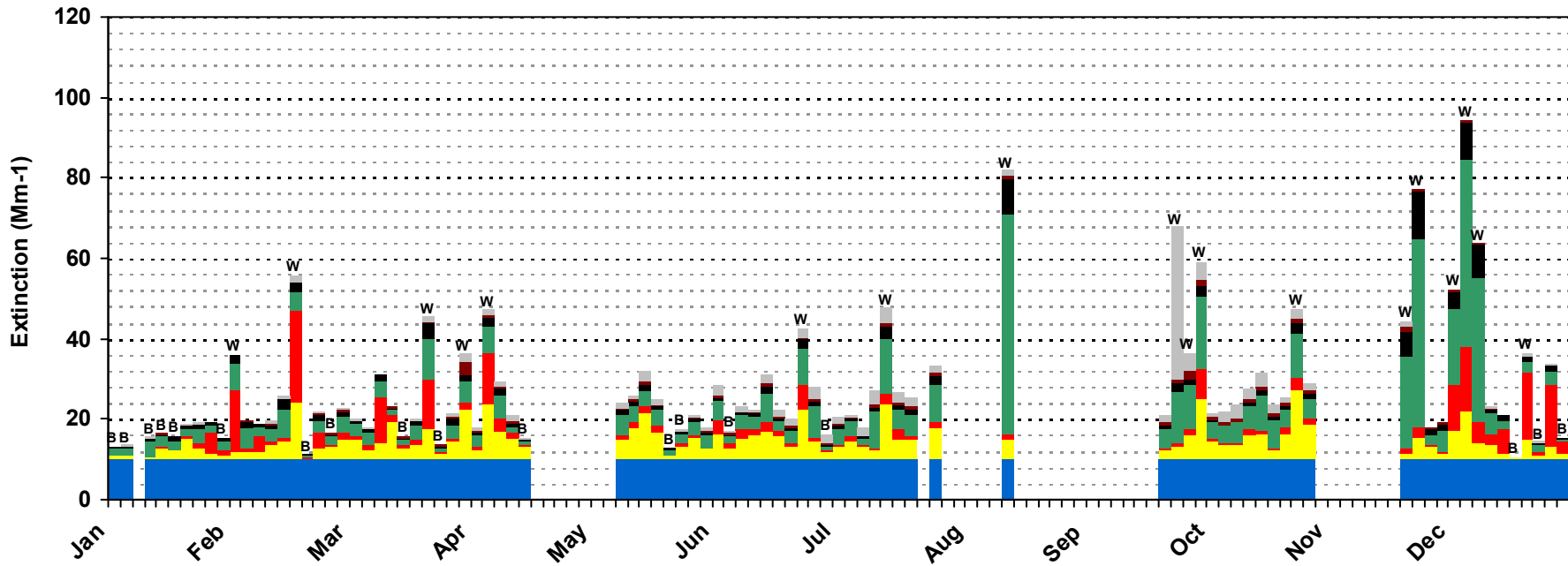


20% Best Visibility Days
Aerosol Extinction* = 5 Mm⁻¹ (1 to 8 Mm⁻¹)



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

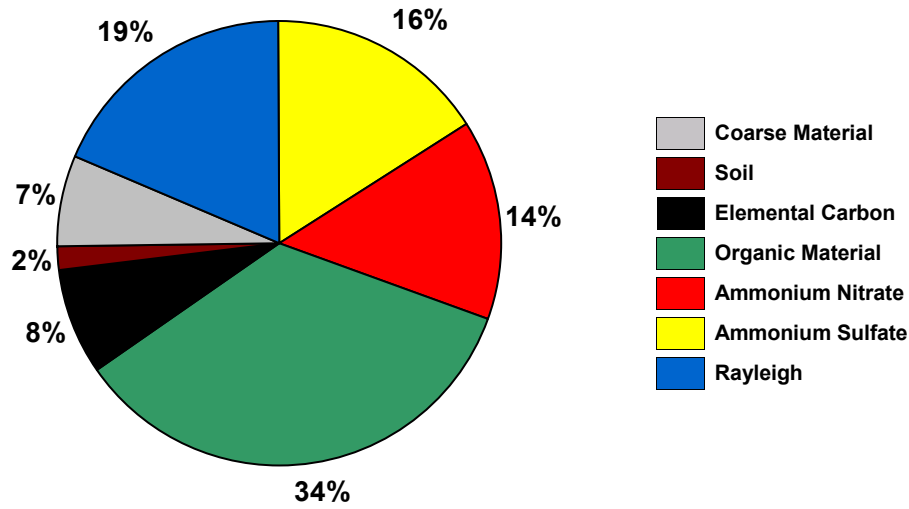
*Excludes Rayleigh Extinction



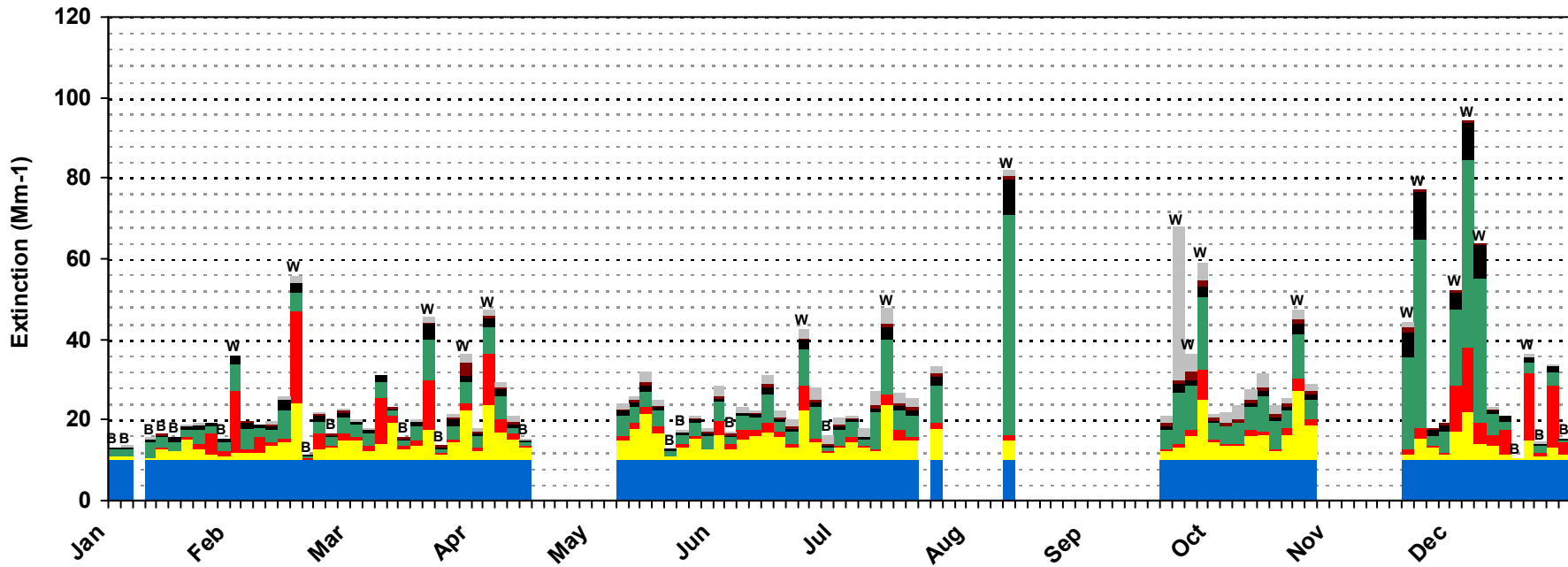
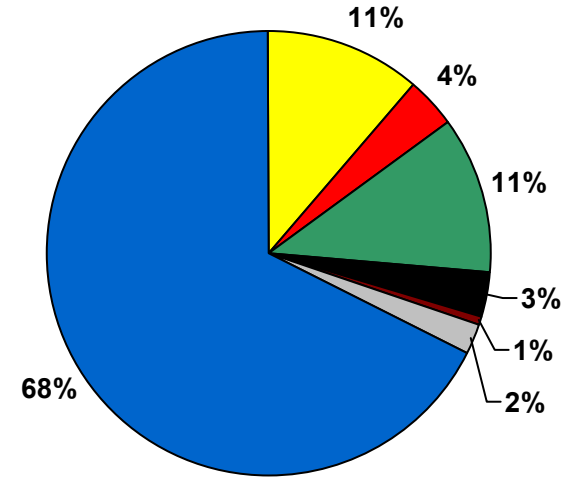
MONITORING DATA

**Yolla Bolly-Middle Eel Wilderness Area, CA
2002 Reconstructed Extinction
TRIN1 Monitoring Data (every third day)**

20% Worst Visibility Days
Total Extinction = 54 Mm-1 (36 to 94 Mm-1)



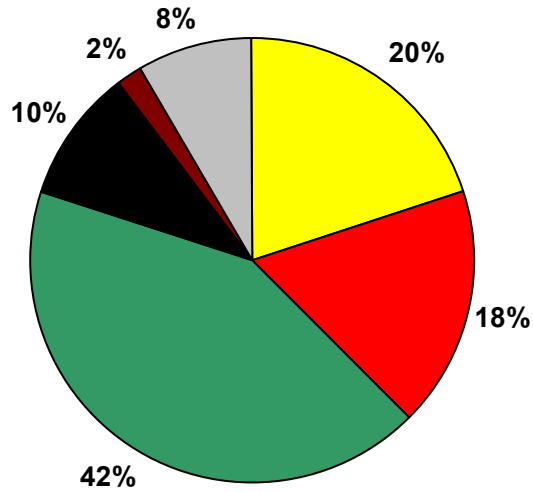
20% Best Visibility Days
Total Extinction = 15 Mm-1 (11 to 18 Mm-1)



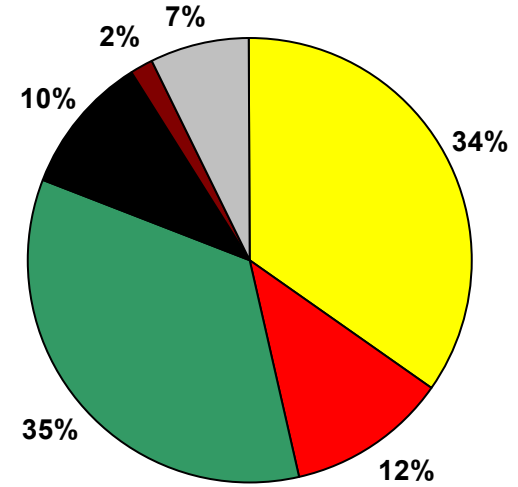
MONITORING DATA

**Yolla Bolly-Middle Eel Wilderness Area, CA
2002 Reconstructed Extinction
TRIN1 Monitoring Data (every third day)**

20% Worst Visibility Days
Aerosol Extinction* = 44 Mm-1 (26 to 84 Mm-1)

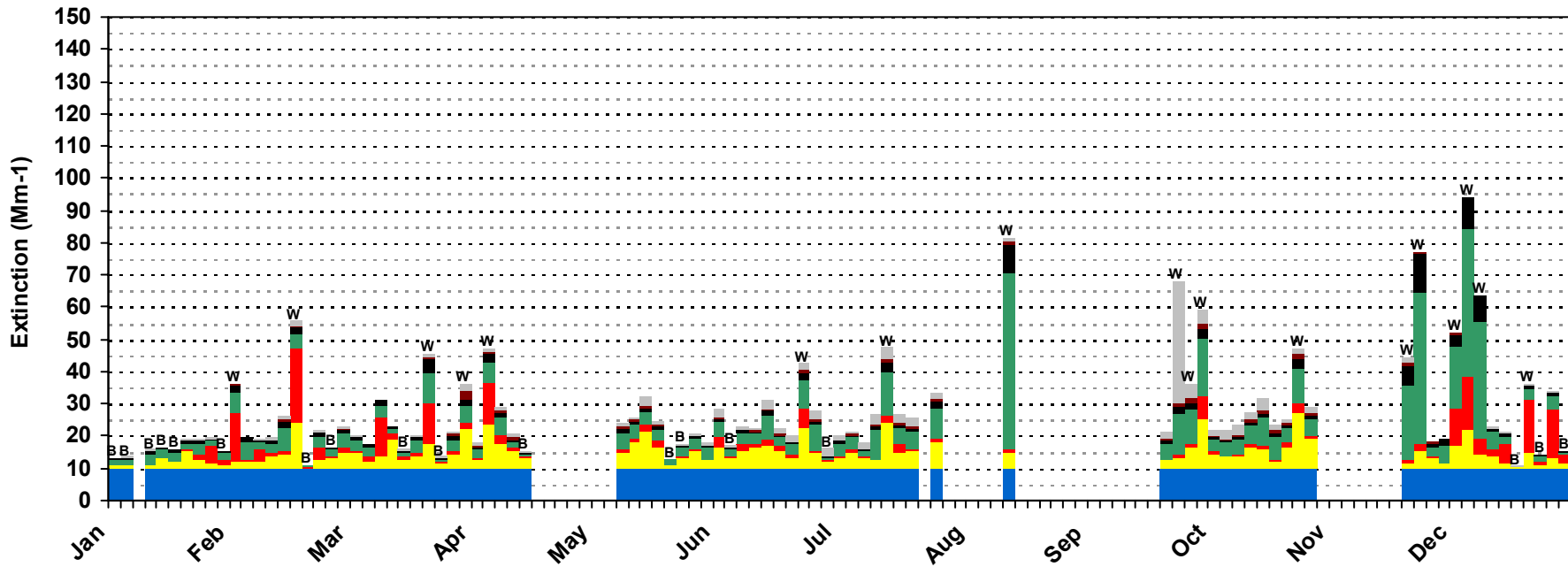


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (1 to 8 Mm-1)



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

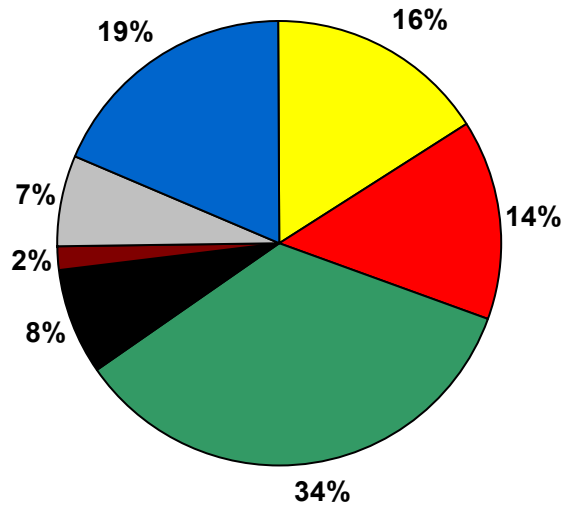
*Excludes Rayleigh Extinction



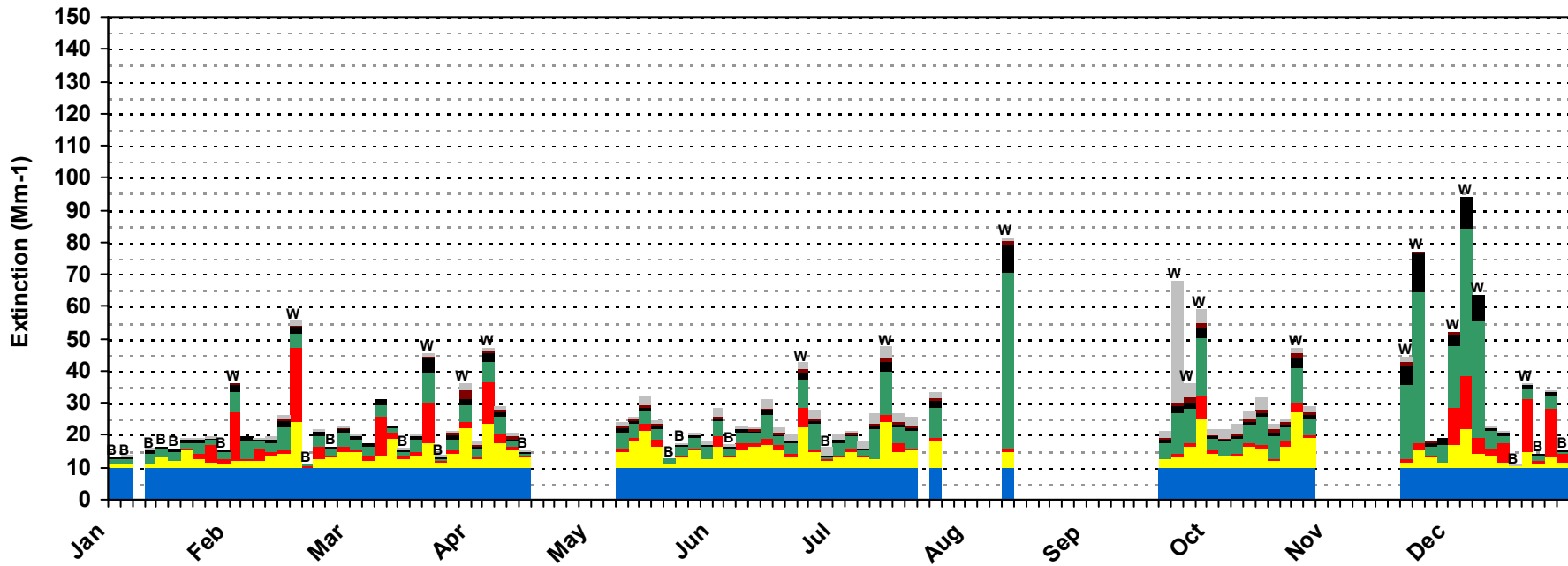
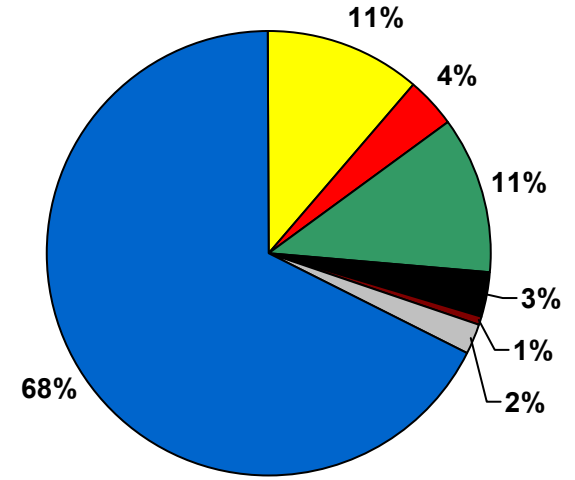
MONITORING DATA

**Yolla Bolly-Middle Eel Wilderness Area, CA
2002 Reconstructed Extinction
TRIN1 Monitoring Data (every third day)**

20% Worst Visibility Days
Total Extinction = 54 Mm-1 (36 to 94 Mm-1)



20% Best Visibility Days
Total Extinction = 15 Mm-1 (11 to 18 Mm-1)



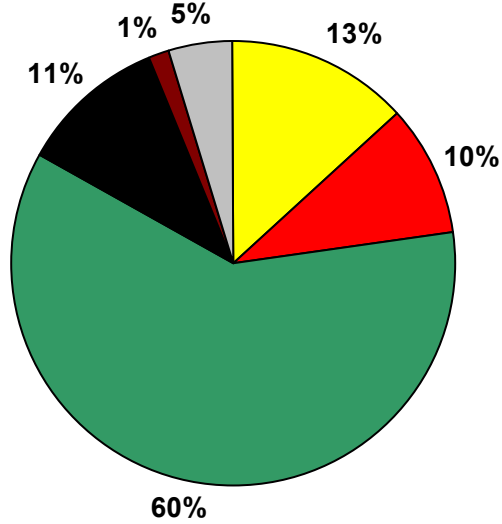
MONITORING DATA

**Yolla Bolly-Middle Eel Wilderness Area, CA
2002 Reconstructed Extinction
TRIN1 Monitoring Data (every third day)**

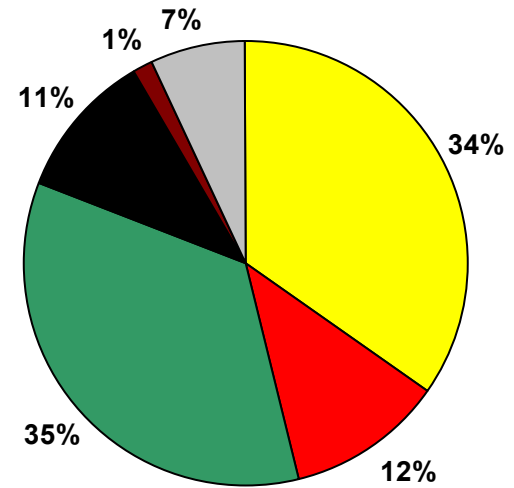
"RAW" DATA

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

20% Worst Visibility Days
Aerosol Extinction* = 64 Mm-1 (33 to 128 Mm-1)

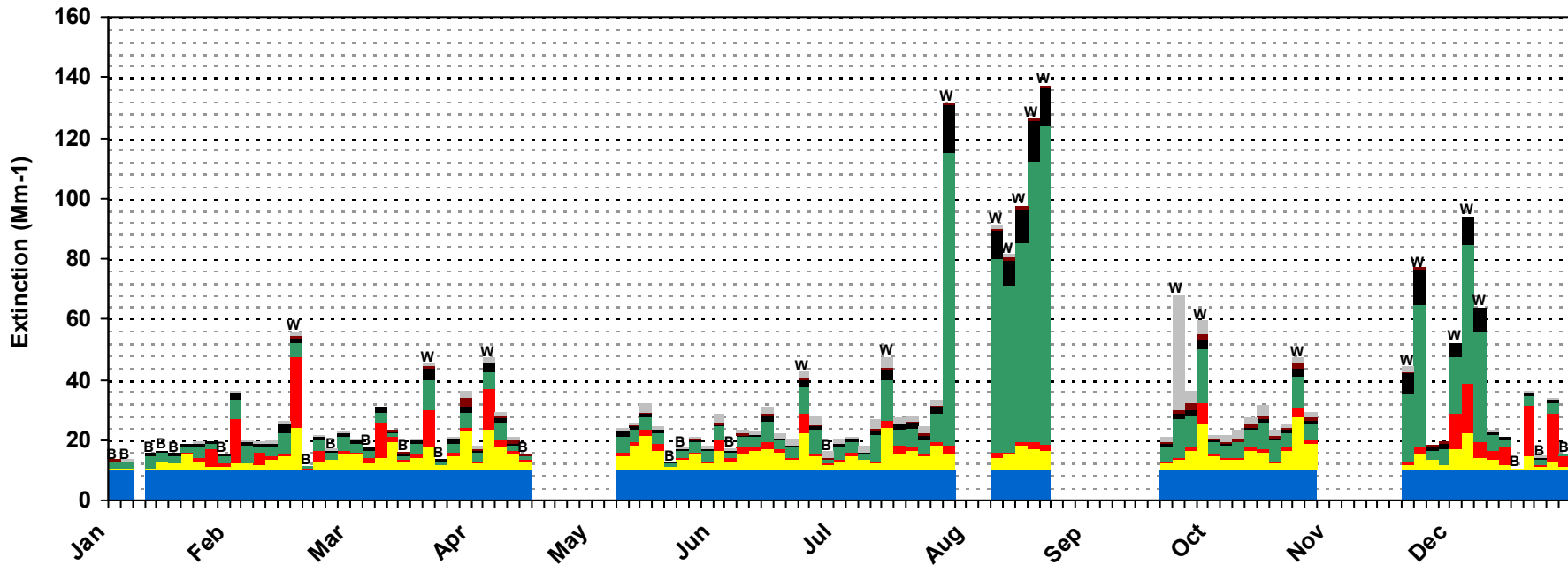


20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (1 to 8 Mm-1)



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

*Excludes Rayleigh Extinction



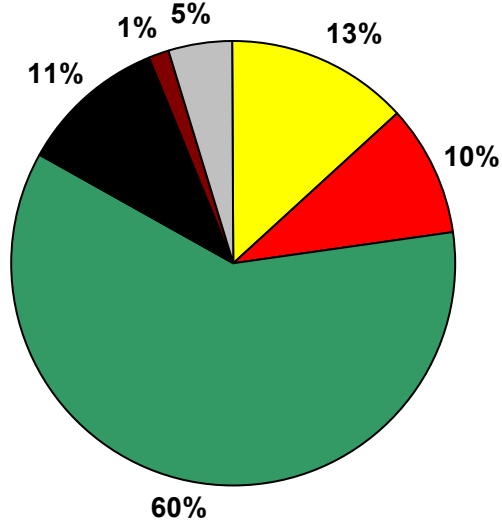
MONITORING DATA

**Yolla Bolly-Middle Eel Wilderness Area, CA
2002 Reconstructed Extinction
TRIN1 Monitoring Data (every third day)**

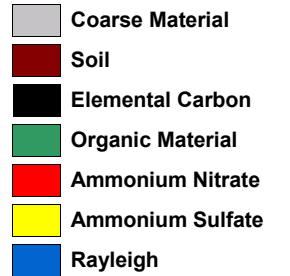
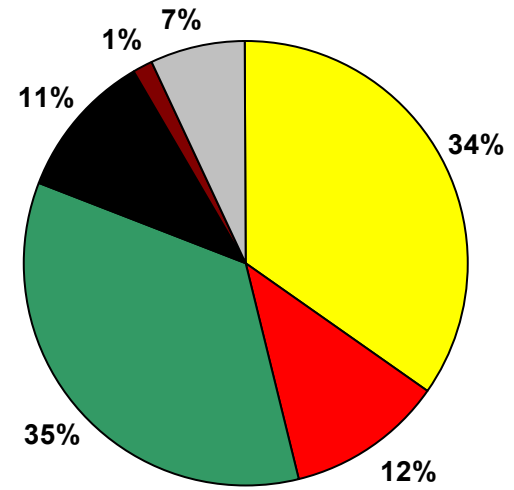
"RAW" DATA

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

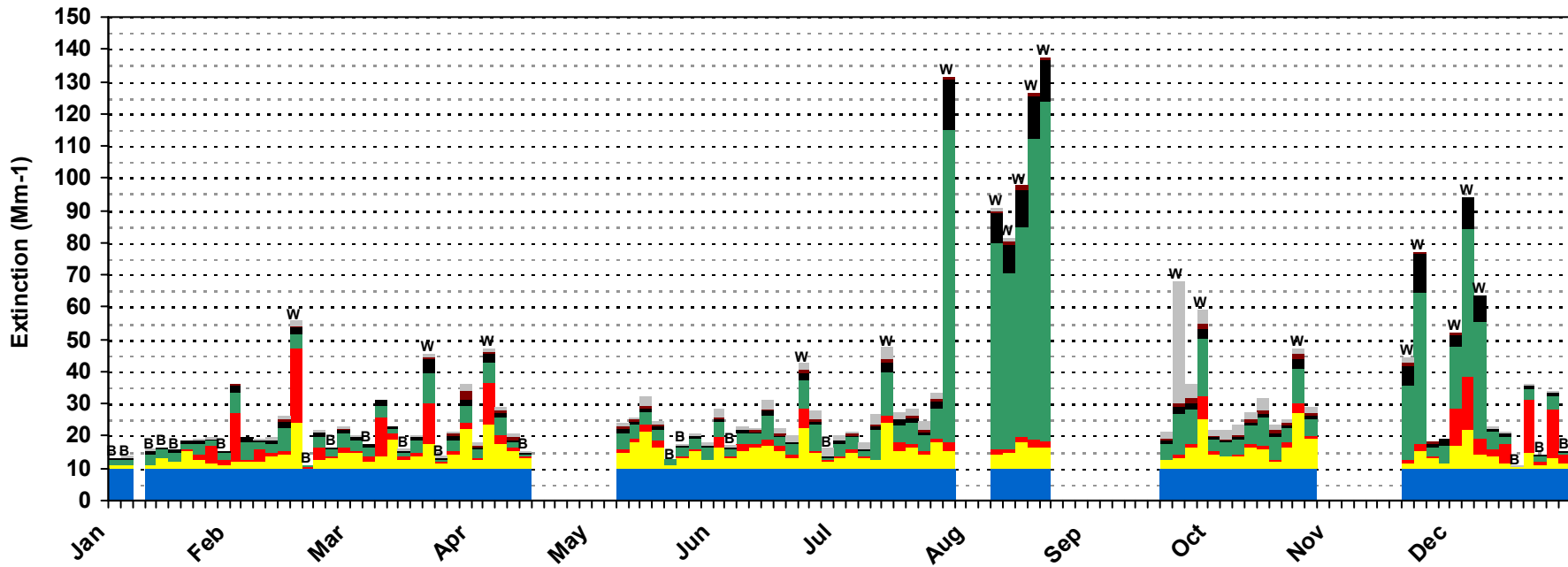
20% Worst Visibility Days
Aerosol Extinction* = 64 Mm-1 (33 to 128 Mm-1)



20% Best Visibility Days
Aerosol Extinction* = 5 Mm-1 (1 to 8 Mm-1)



*Excludes Rayleigh Extinction



MONITORING DATA

Yolla Bolly-Middle Eel Wilderness Area, CA 2002 Reconstructed Extinction Values TRIN1 Monitoring Data (every third day)

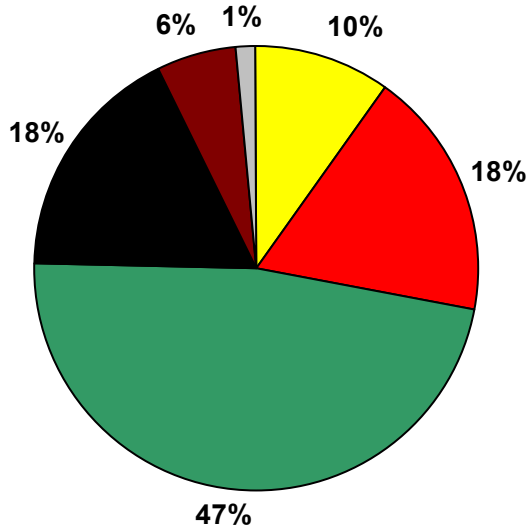
20% Worst Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	54.0 (16.9 dv)	36.1 (12.8 dv)	94.2 (22.4 dv)
Aerosol Extinction*:	44.0	26.1	84.2
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	8.7	16%	20%
Ammonium Nitrate:	7.8	14%	18%
Organic Material:	18.6	35%	42%
Elemental Carbon:	4.3	8%	10%
Soil:	0.8	2%	2%
Coarse Material:	3.6	7%	8%
Rayleigh:	10.0	19%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	14.8 (3.9 dv)	10.7 (0.7 dv)	17.5 (5.6 dv)
Aerosol Extinction*:	4.8	0.7	7.5
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	1.7	11%	35%
Ammonium Nitrate:	0.6	4%	12%
Organic Material:	1.7	11%	34%
Elemental Carbon:	0.5	3%	10%
Soil:	0.1	1%	2%
Coarse Material:	0.3	2%	6%
Rayleigh:	10.0	67%	N/A

*Excludes Rayleigh Extinction

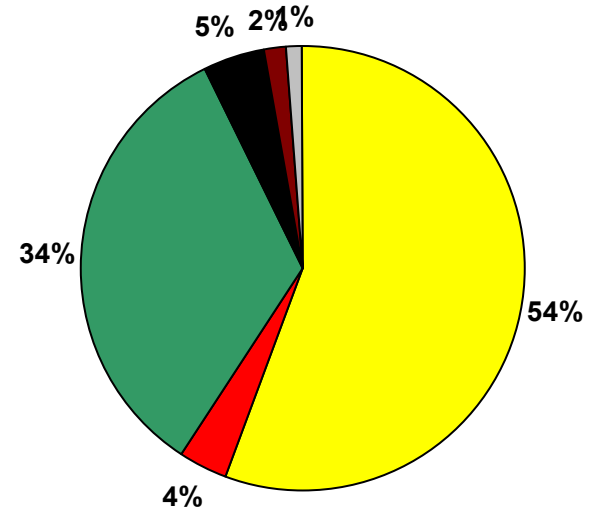
MODEL RESULTS

Yolla Bolly-Middle Eel Wilderness Area, CA 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Aerosol Extinction* = 80 Mm-1 (29 to 406 Mm-1)

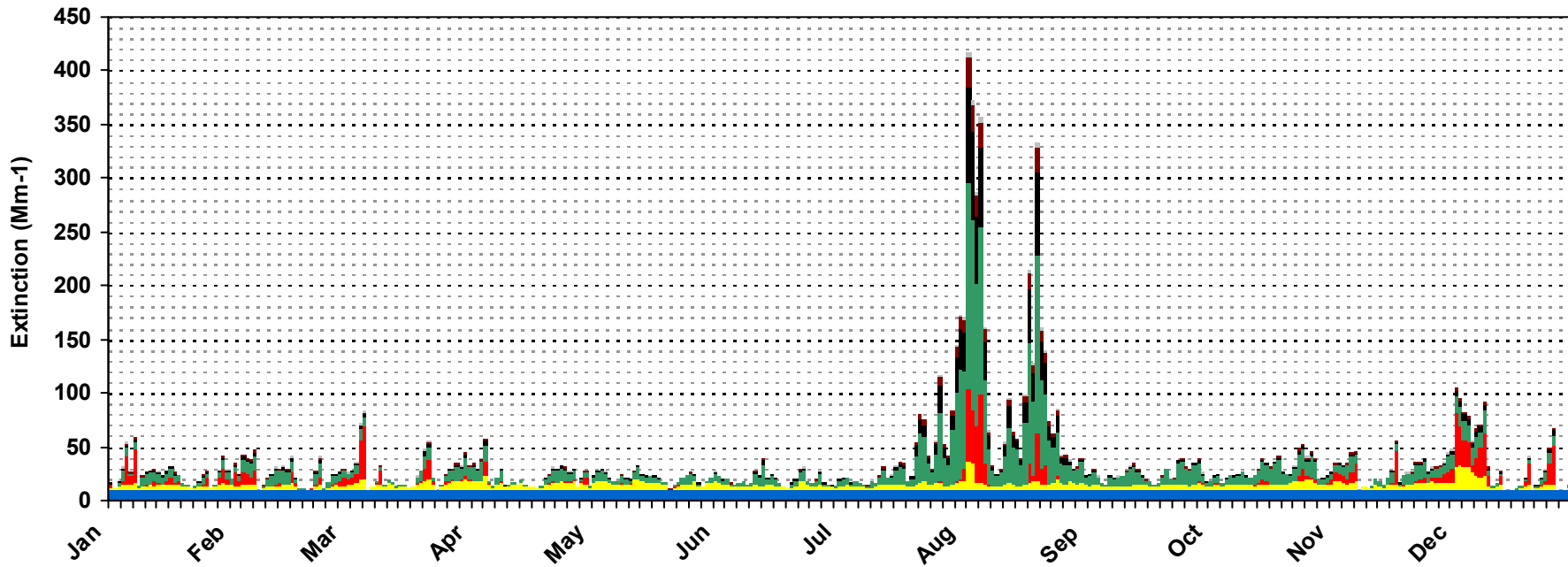


20% Best Visibility Days
Aerosol Extinction* = 3 Mm-1 (0 to 6 Mm-1)



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

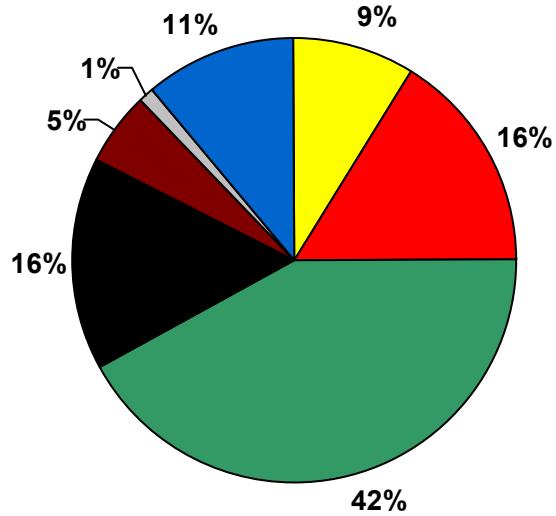
*Excludes Rayleigh Extinction



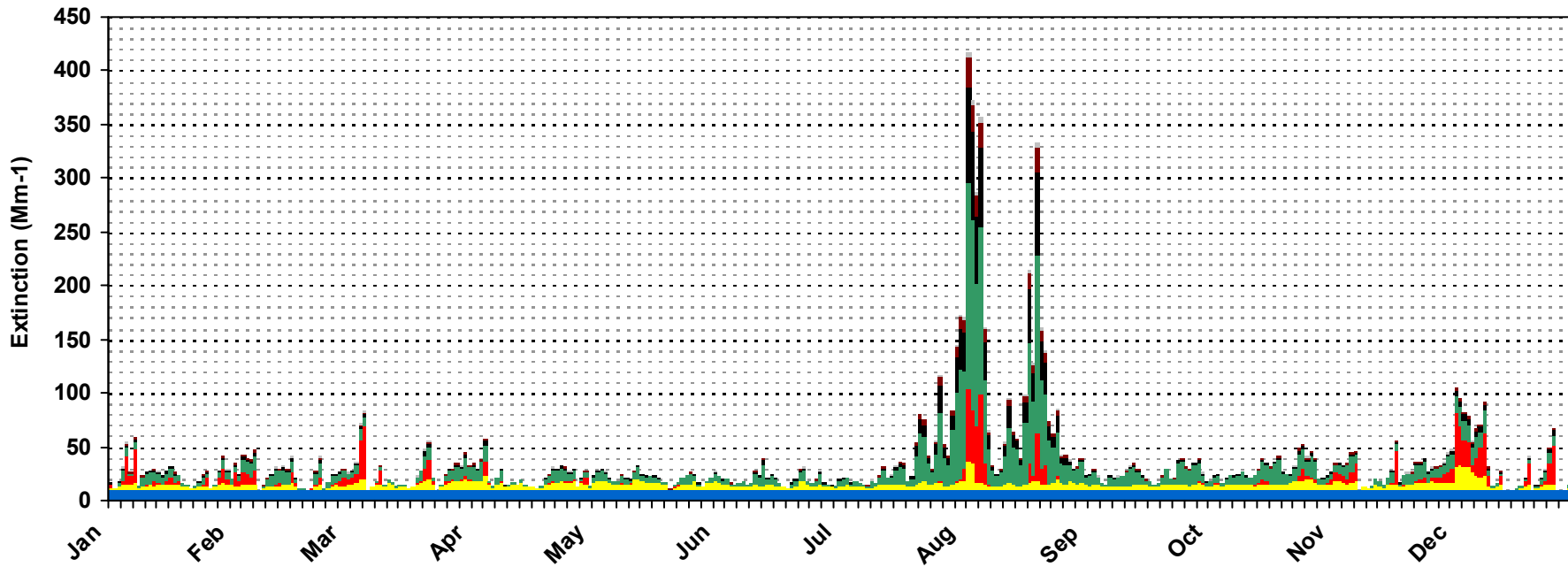
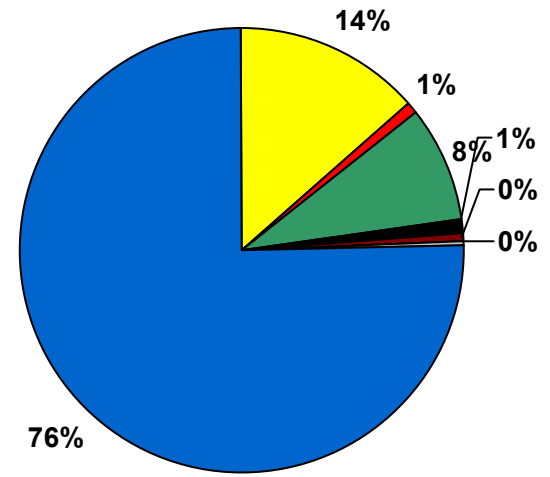
MODEL RESULTS

Yolla Bolly-Middle Eel Wilderness Area, CA 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Total Extinction = 90 Mm-1 (39 to 416 Mm-1)



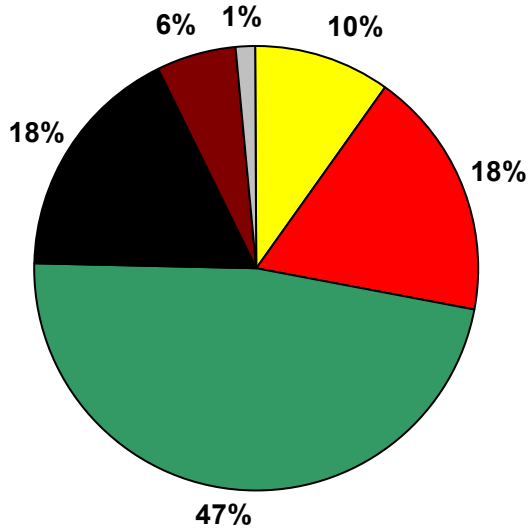
20% Best Visibility Days
Total Extinction = 13 Mm-1 (10 to 16 Mm-1)



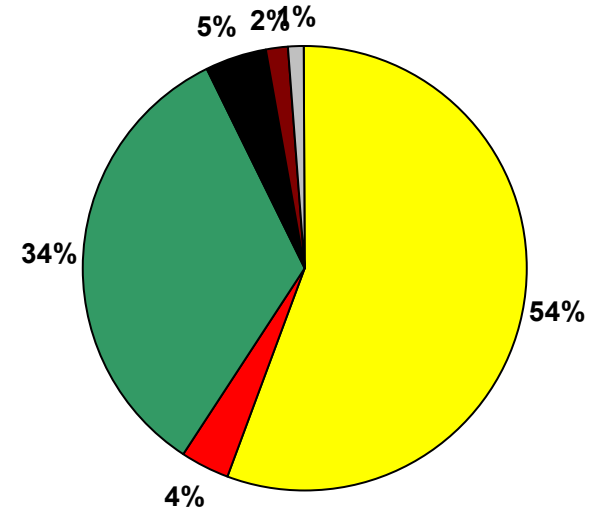
MODEL RESULTS

Yolla Bolly-Middle Eel Wilderness Area, CA 2002 Reconstructed Extinction CMAQ Model Results (every day)

20% Worst Visibility Days
Aerosol Extinction* = 80 Mm⁻¹ (29 to 406 Mm⁻¹)

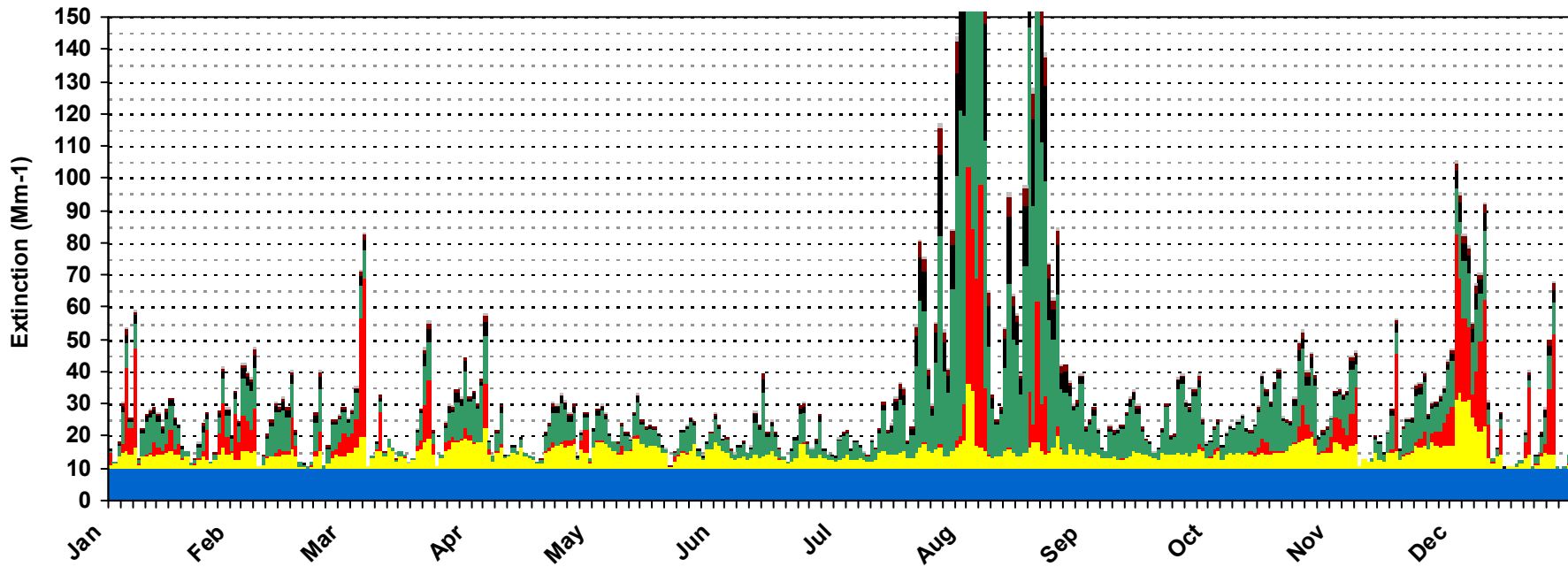


20% Best Visibility Days
Aerosol Extinction* = 3 Mm⁻¹ (0 to 6 Mm⁻¹)



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

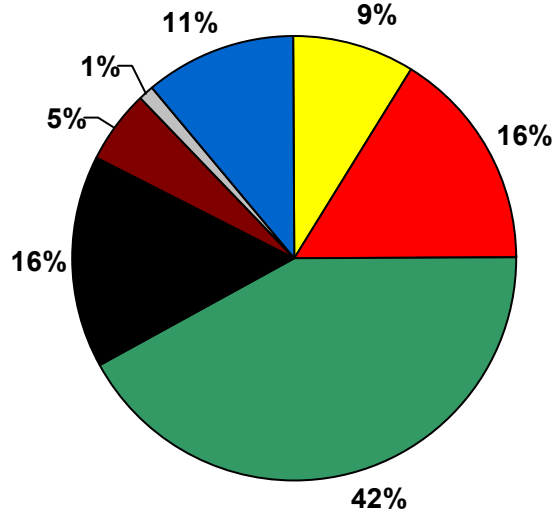
*Excludes Rayleigh Extinction



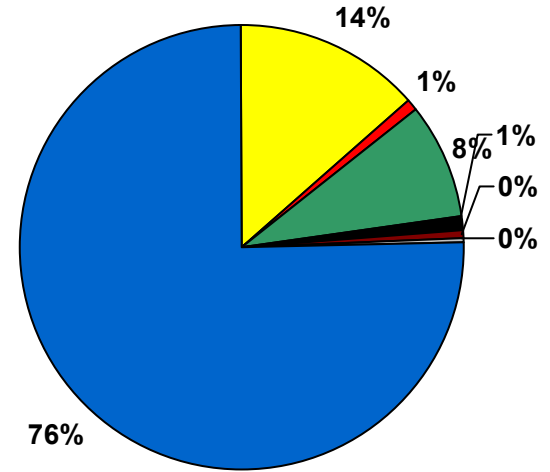
MODEL RESULTS

Yolla Bolly-Middle Eel Wilderness Area, CA 2002 Reconstructed Extinction CMAQ Model Results (every day)

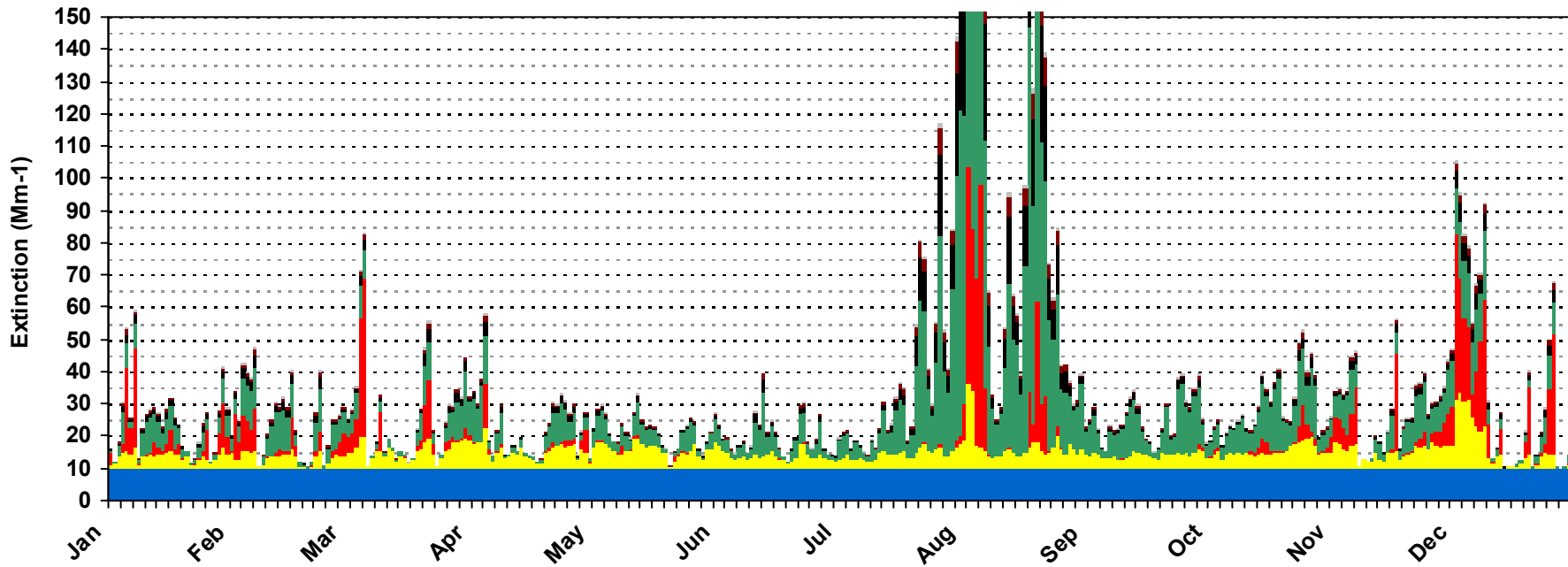
20% Worst Visibility Days
Total Extinction = 90 Mm-1 (39 to 416 Mm-1)



20% Best Visibility Days
Total Extinction = 13 Mm-1 (10 to 16 Mm-1)



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



MODEL RESULTS

Yolla Bolly-Middle Eel 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:	90.4 (22.0 dv)	39.4 (13.7 dv)	416.4 (37.3 dv)
Aerosol Extinction*:	80.4	29.4	406.4
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	8.1	9%	10%
Ammonium Nitrate:	14.5	16%	18%
Organic Material:	38.0	42%	47%
Elemental Carbon:	14.2	16%	18%
Soil:	4.7	5%	6%
Coarse Material:	1.0	1%	1%
Rayleigh:	10.0	11%	N/A
20% Best Visibility Days			
	Average (Mm-1)	Minimum (Mm-1)	Maximum (Mm-1)
Total Extinction:	13.3 (2.8 dv)	10.1 (0.1 dv)	16.0 (4.7 dv)
Aerosol Extinction*:	3.3	0.1	6.0
	Average (Mm-1)	% of Tot. Extinction	% of Aer. Extinction
Ammonium Sulfate:	1.8	14%	55%
Ammonium Nitrate:	0.1	1%	4%
Organic Material:	1.1	8%	34%
Elemental Carbon:	0.1	1%	5%
Soil:	0.1	0%	2%
Coarse Material:	0.0	0%	1%
Rayleigh:	10.0	75%	N/A

*Excludes Rayleigh Extinction