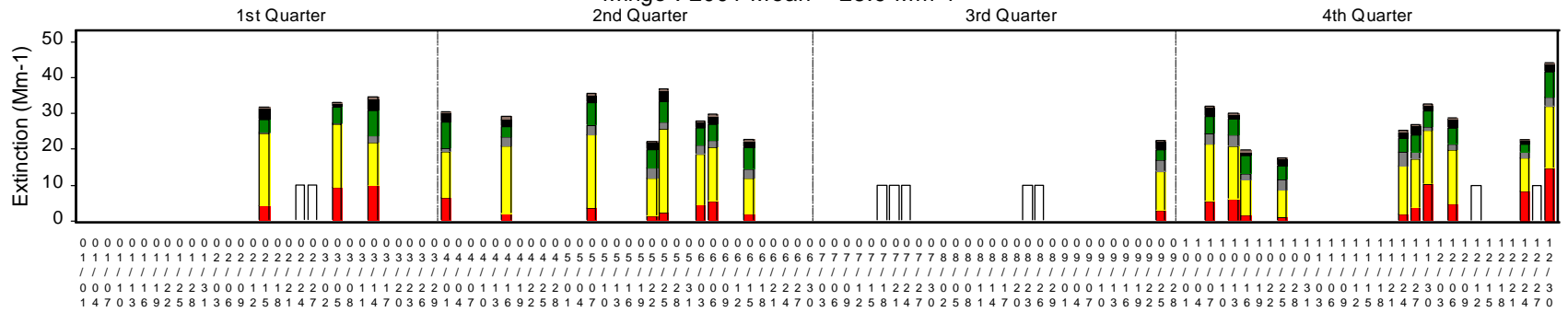
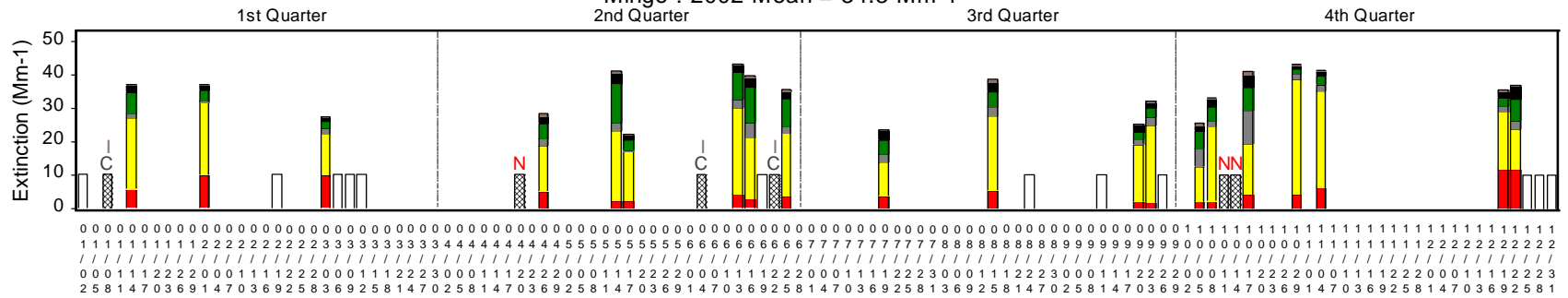


Reconstructed Extinction on Best Days

Mingo : 2001 Mean = 28.9 Mm-1



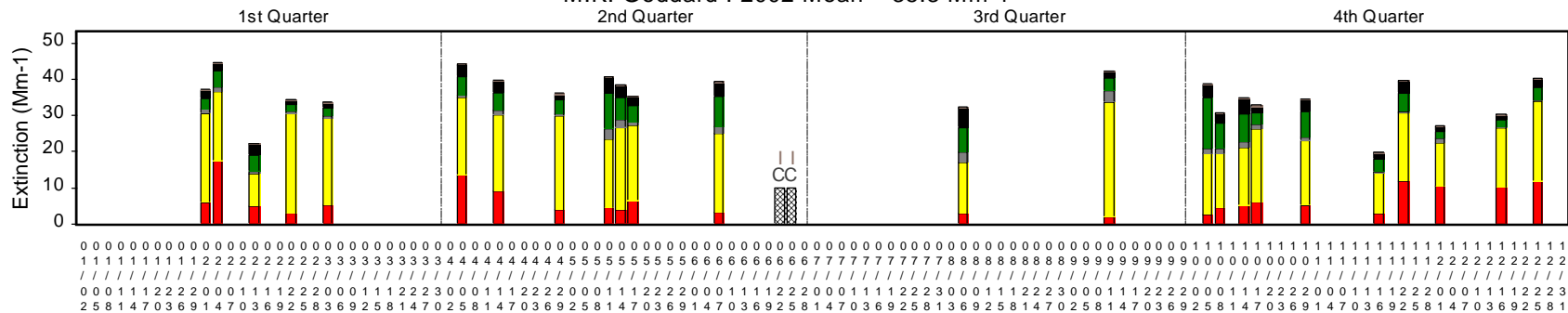
Mingo : 2002 Mean = 34.3 Mm-1



■ Coarse Mass ■ Nitrate ■ Organics ■ Sulfate ■ Soil ■ Soot (LAC) ▨ Data Missing □ Day Missing

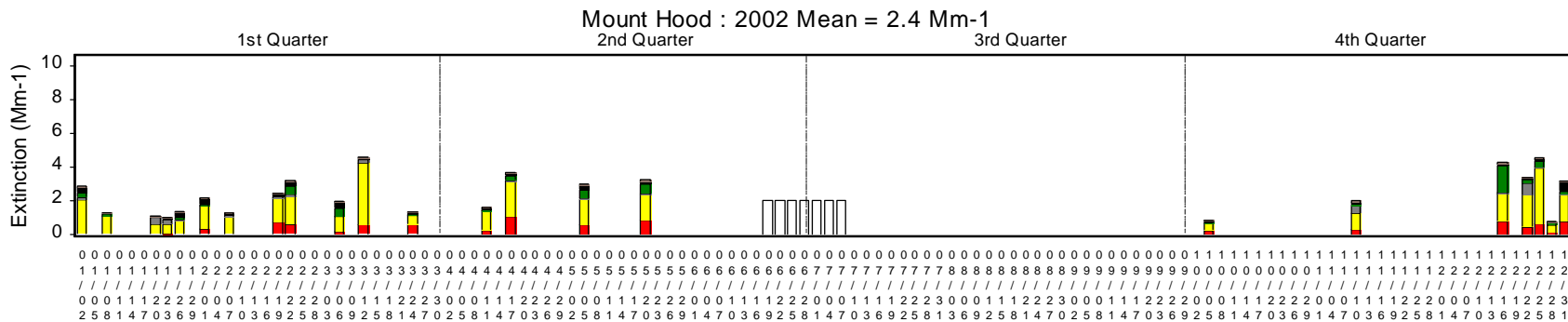
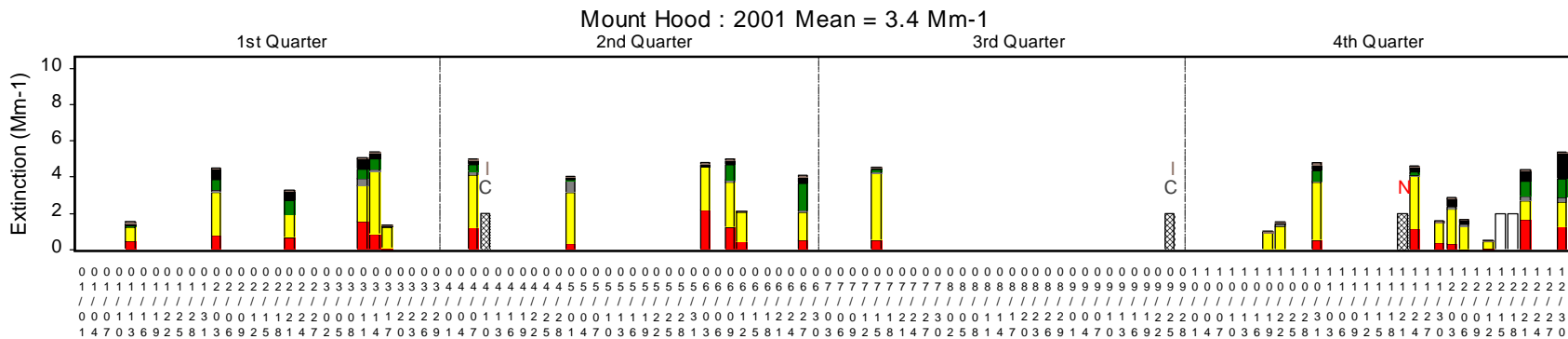
Reconstructed Extinction on Best Days

M.K. Goddard : 2002 Mean = 35.3 Mm⁻¹



- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

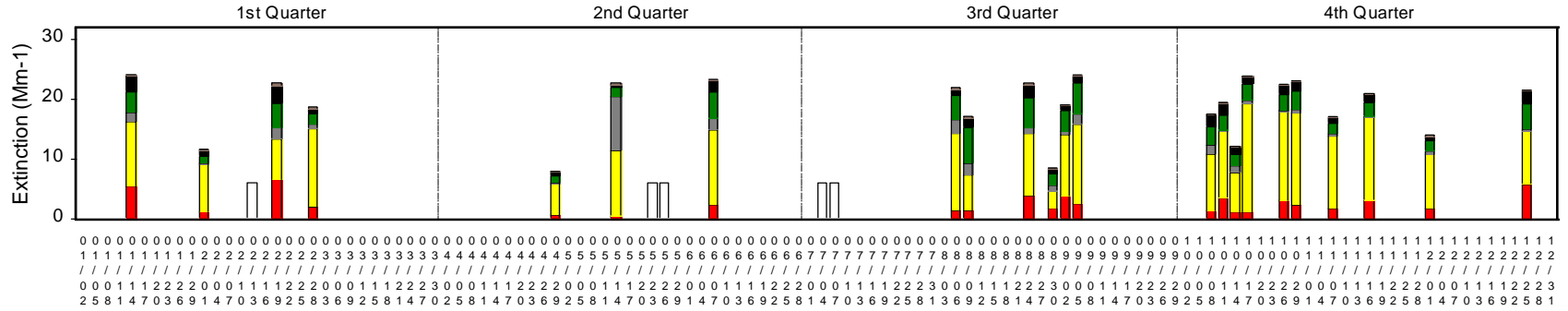
Reconstructed Extinction on Best Days



- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

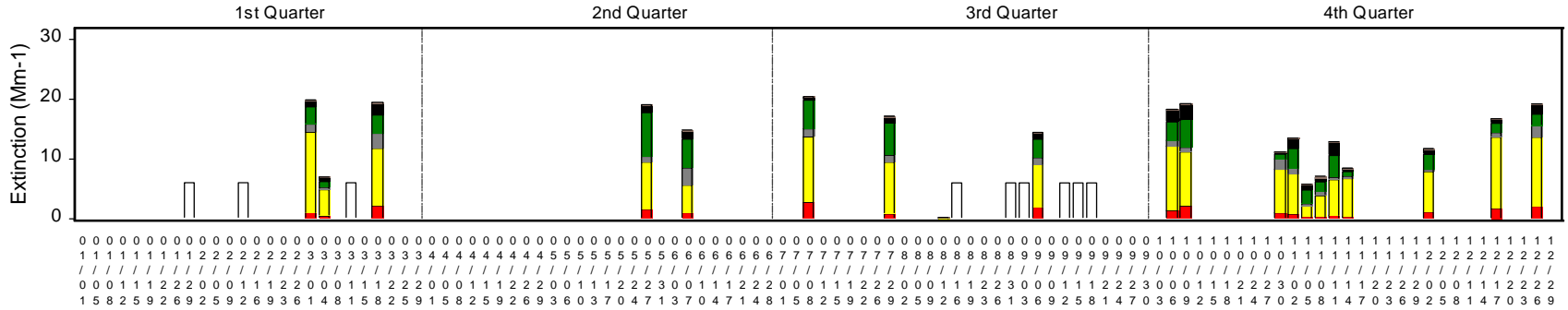
Mohawk Mountain : 2002 Mean = 18.9 Mm⁻¹



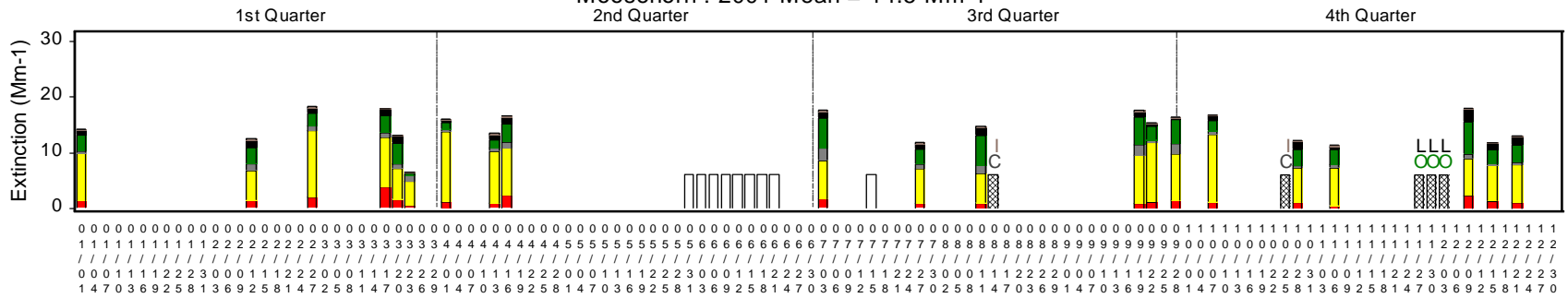
Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

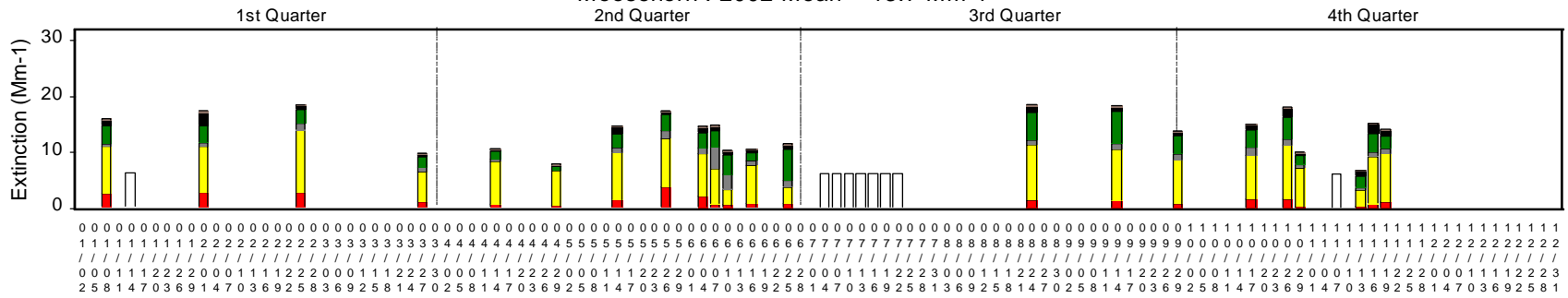
Moosehorn : 2000 Mean = 13.8 Mm⁻¹



Moosehorn : 2001 Mean = 14.5 Mm⁻¹



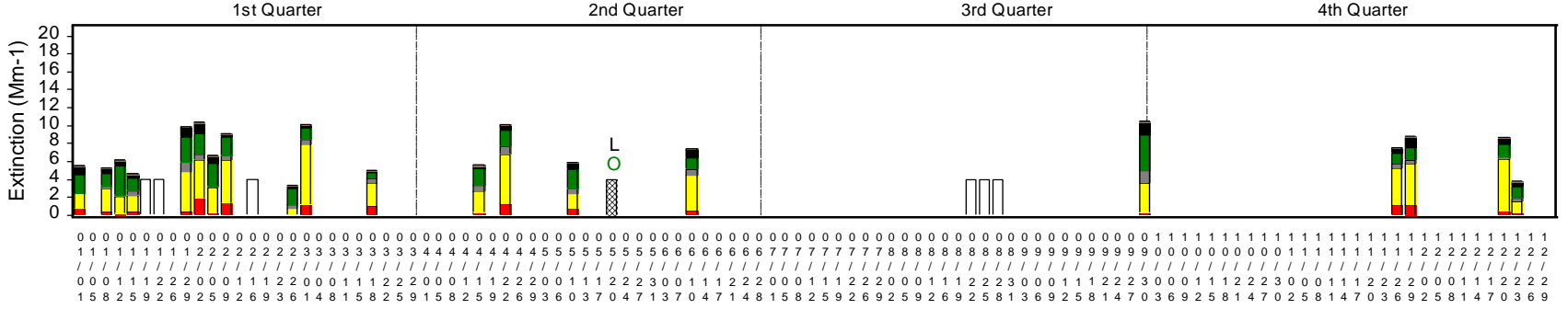
Moosehorn : 2002 Mean = 13.7 Mm⁻¹



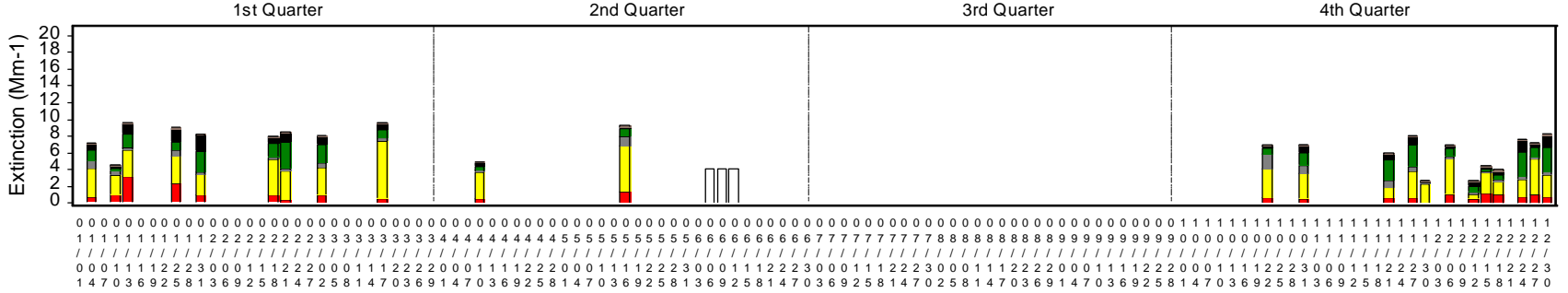
Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

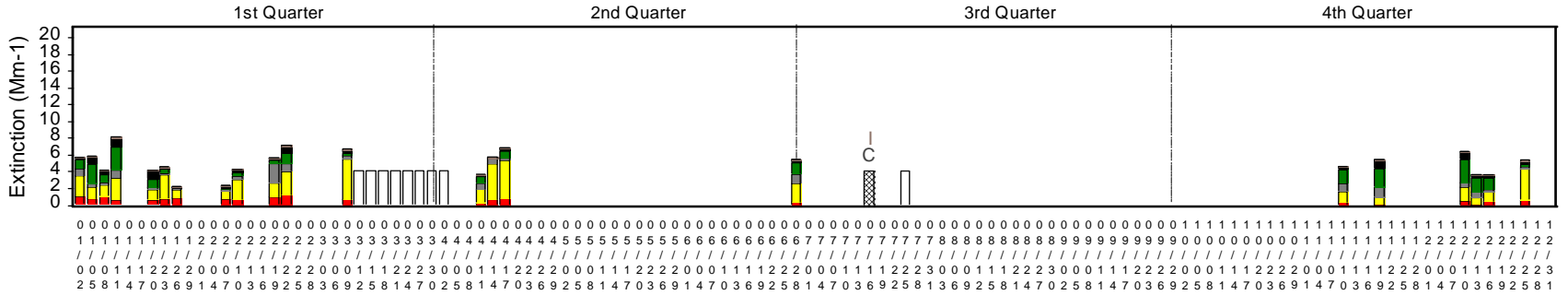
Mount Rainier : 2000 Mean = 7.2 Mm⁻¹



Mount Rainier : 2001 Mean = 6.8 Mm⁻¹



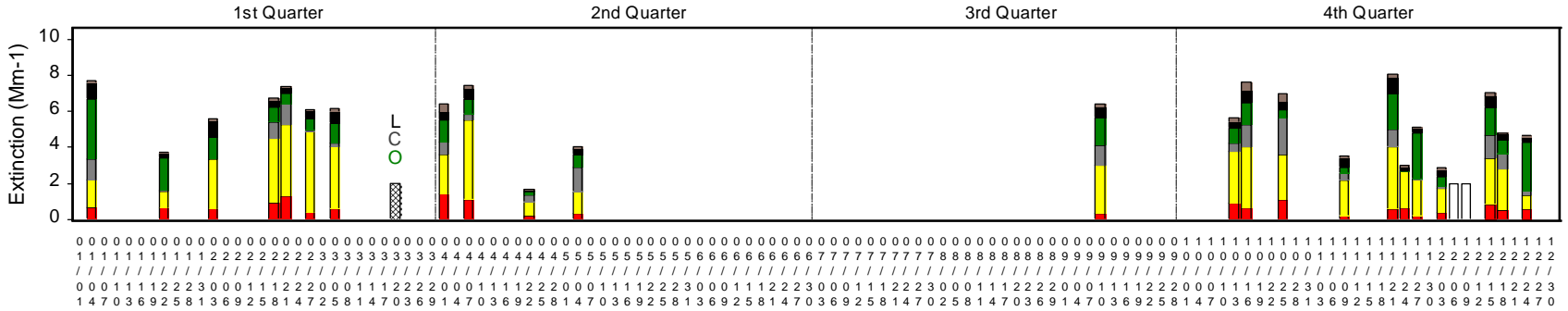
Mount Rainier : 2002 Mean = 5 Mm⁻¹



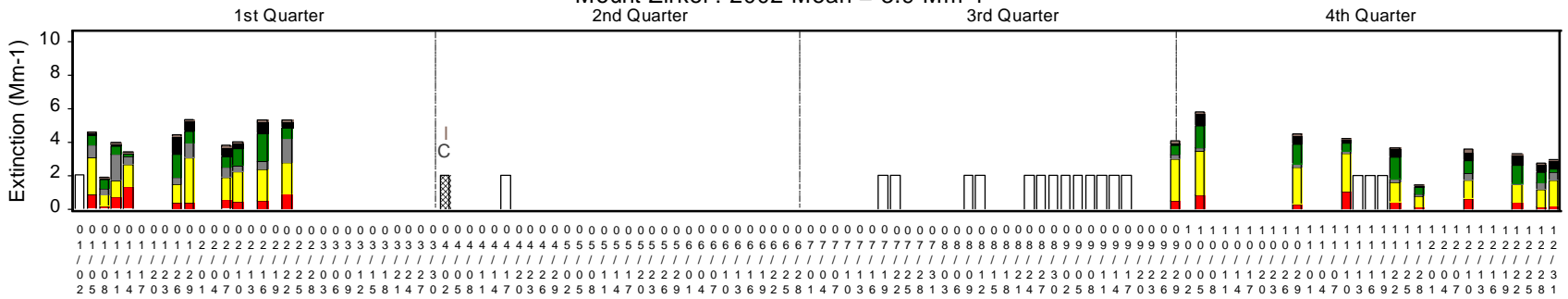
Coarse Mass Nitrate Organics Sulfate Soil Soot (LAC) Data Missing Day Missing

Reconstructed Extinction on Best Days

Mount Zirkel : 2001 Mean = 5.6 Mm⁻¹



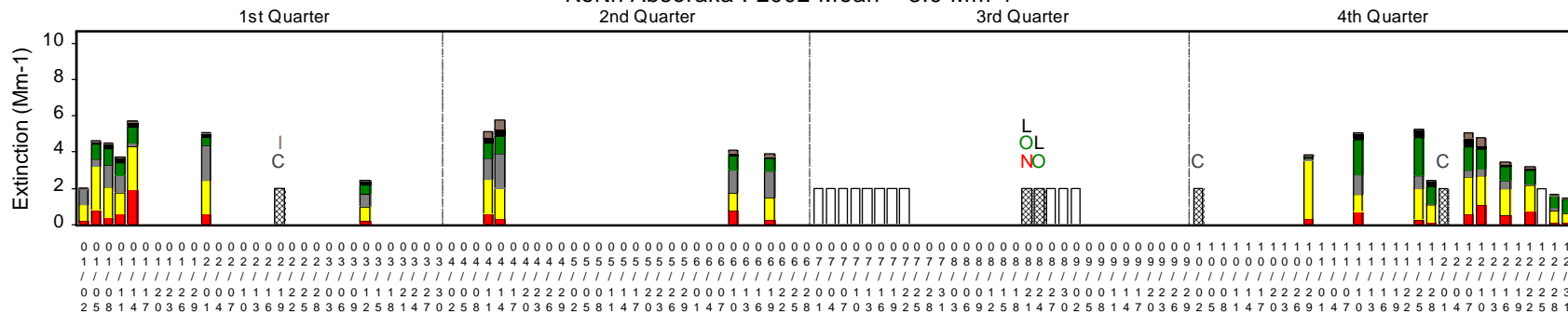
Mount Zirkel : 2002 Mean = 3.9 Mm⁻¹



Coarse Mass Nitrate Organics Sulfate Soil Soot (LAC) Data Missing Day Missing

Reconstructed Extinction on Best Days

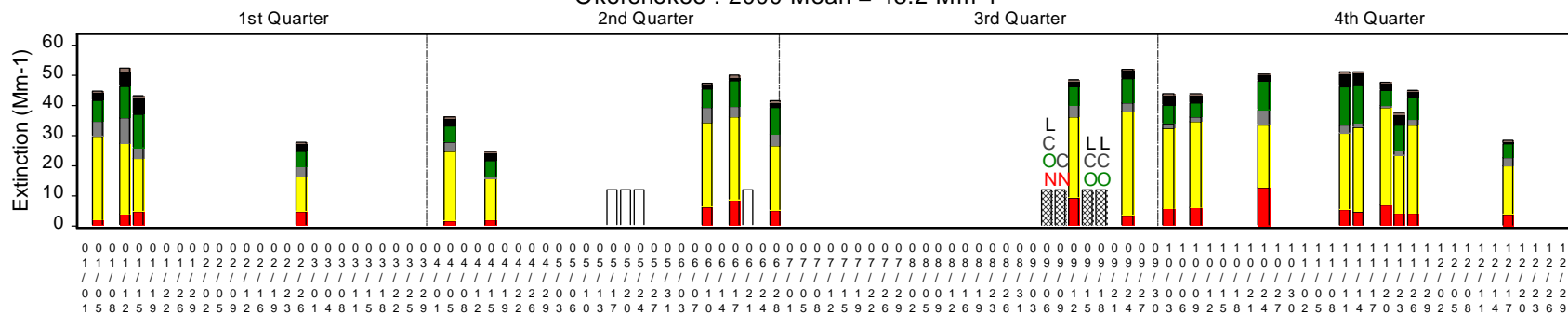
North Absoraka : 2002 Mean = 3.9 Mm⁻¹



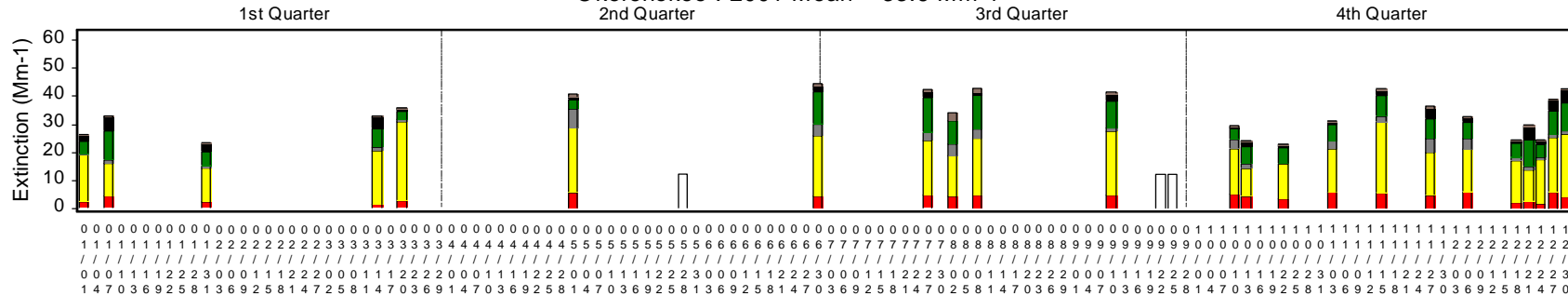
Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

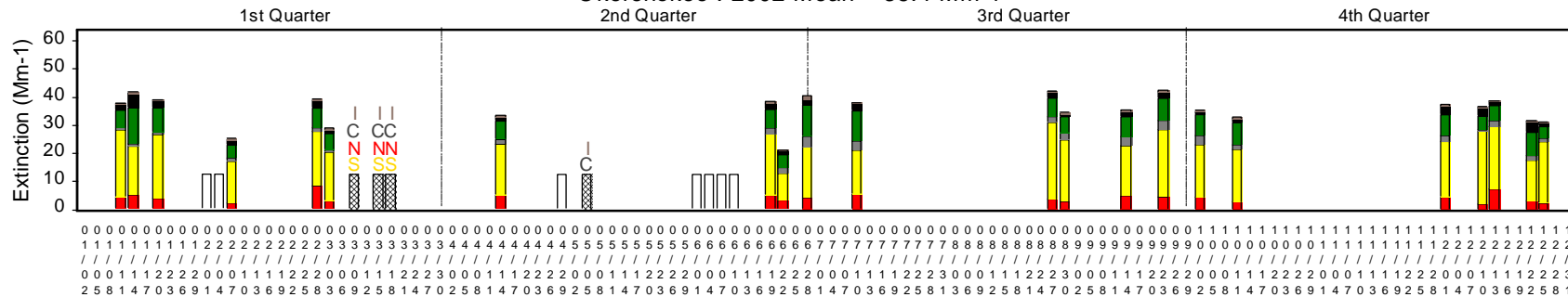
Okefenokee : 2000 Mean = 43.2 Mm⁻¹



Okefenokee : 2001 Mean = 33.6 Mm⁻¹

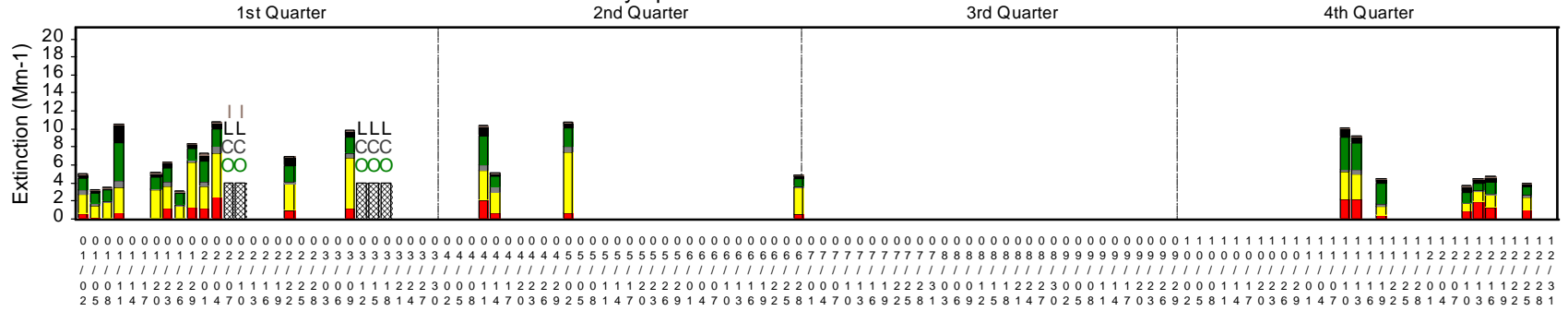


Okefenokee : 2002 Mean = 35.4 Mm⁻¹



Reconstructed Extinction on Best Days

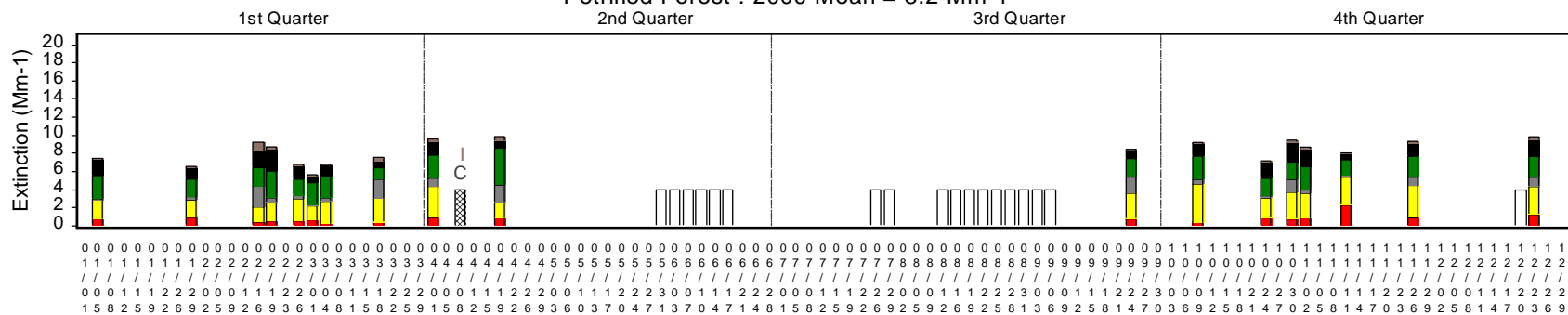
Olympic : 2002 Mean = 6.6 Mm⁻¹



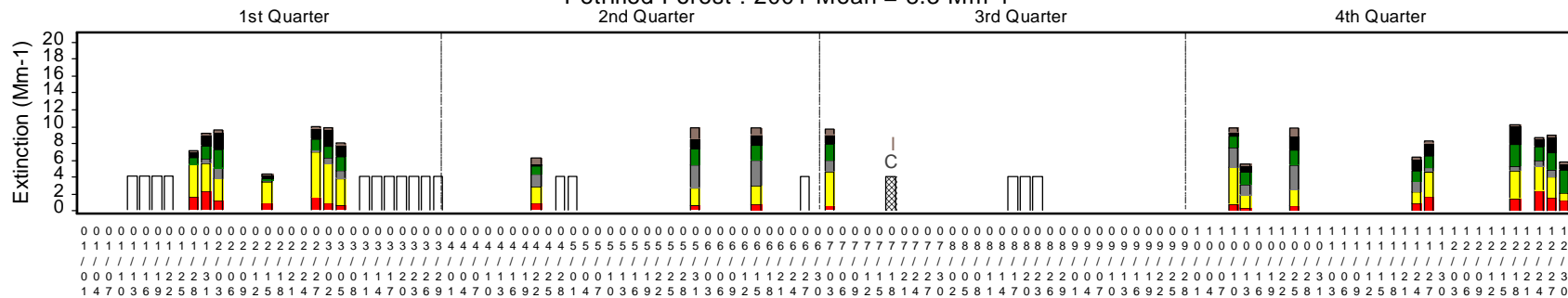
- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

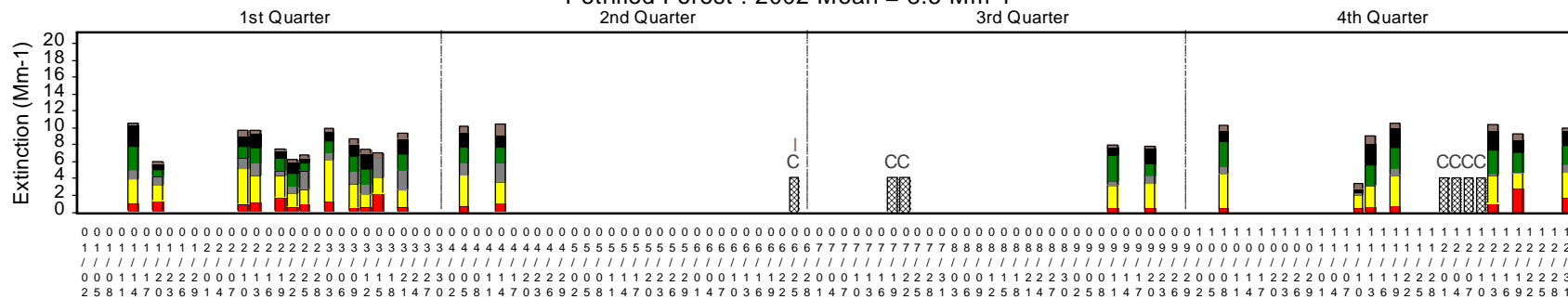
Petrified Forest : 2000 Mean = 8.2 Mm⁻¹



Petrified Forest : 2001 Mean = 8.3 Mm⁻¹



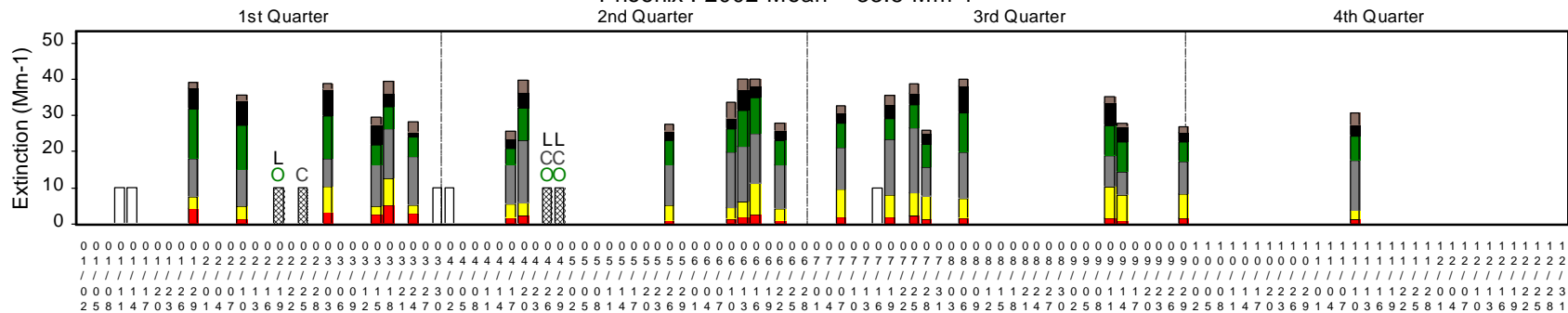
Petrified Forest : 2002 Mean = 8.5 Mm⁻¹



Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

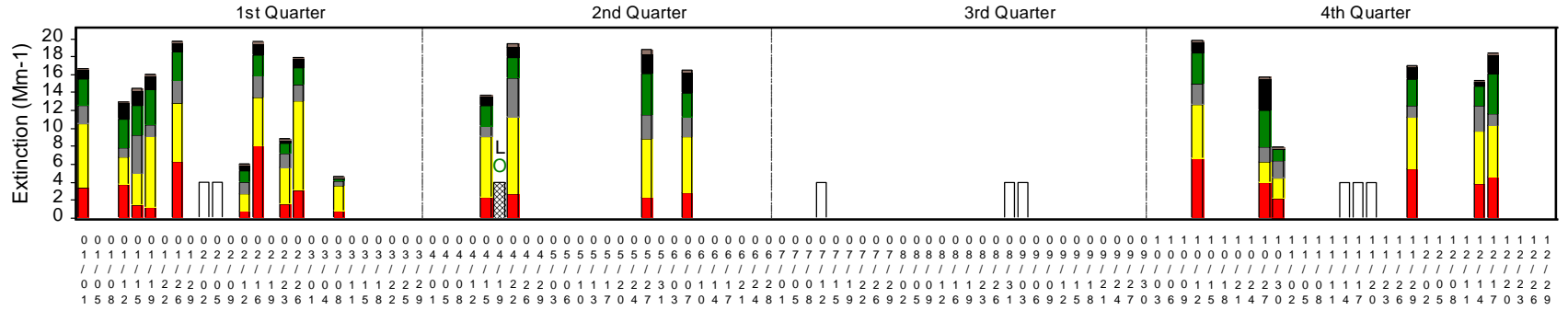
Phoenix : 2002 Mean = 33.5 Mm⁻¹



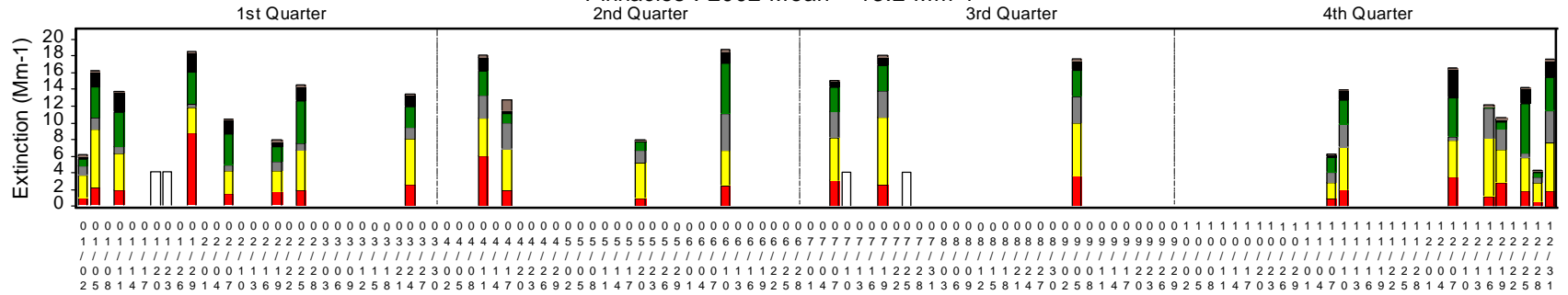
- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

Pinnacles : 2000 Mean = 15 Mm-1



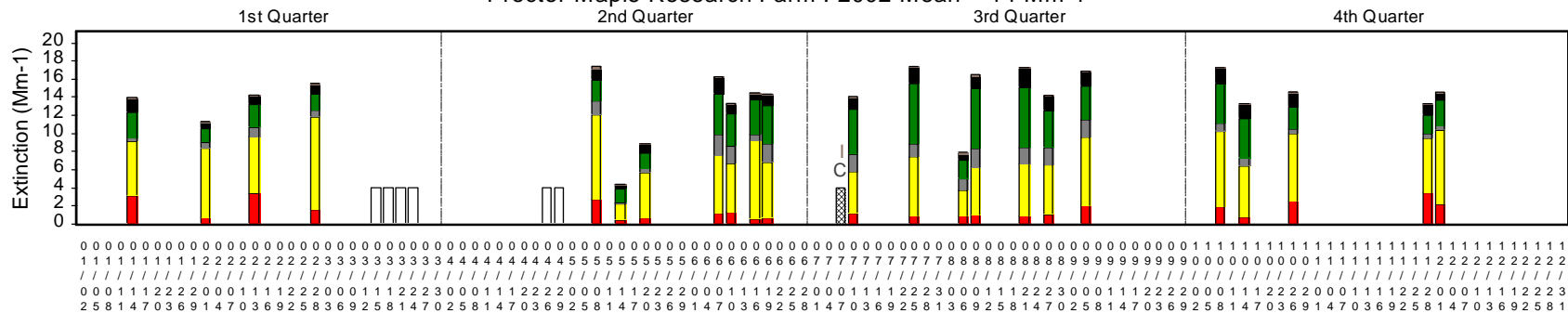
Pinnacles : 2002 Mean = 13.2 Mm-1



Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

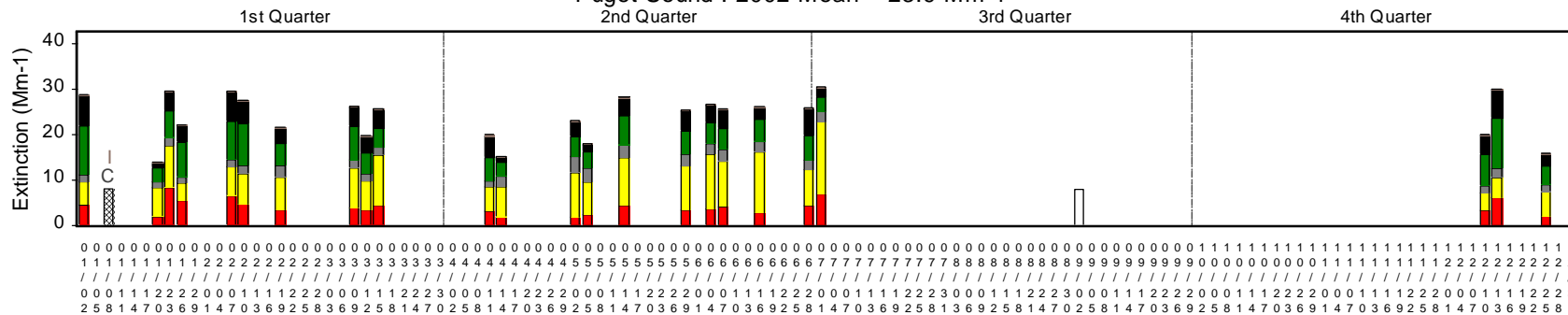
Proctor Maple Research Farm : 2002 Mean = 14 Mm⁻¹



- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

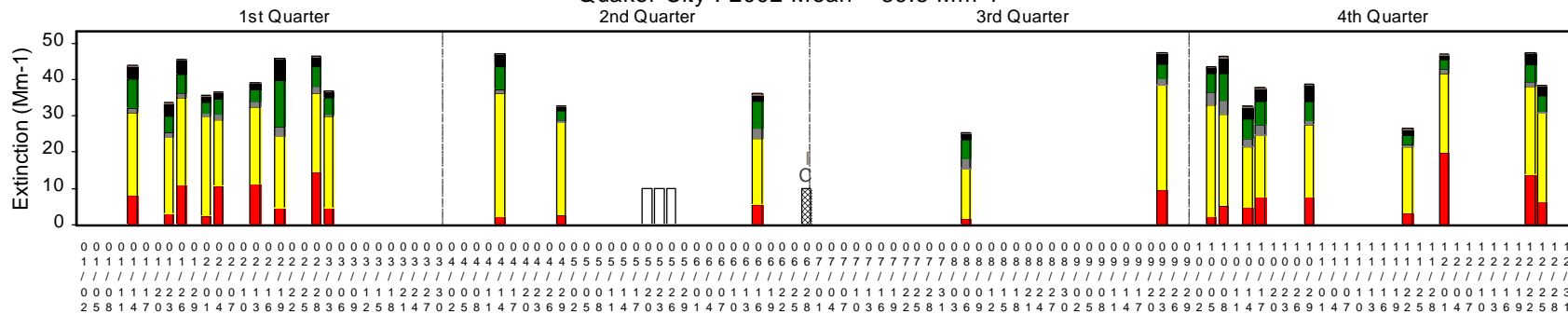
Reconstructed Extinction on Best Days

Puget Sound : 2002 Mean = 23.9 Mm⁻¹



Reconstructed Extinction on Best Days

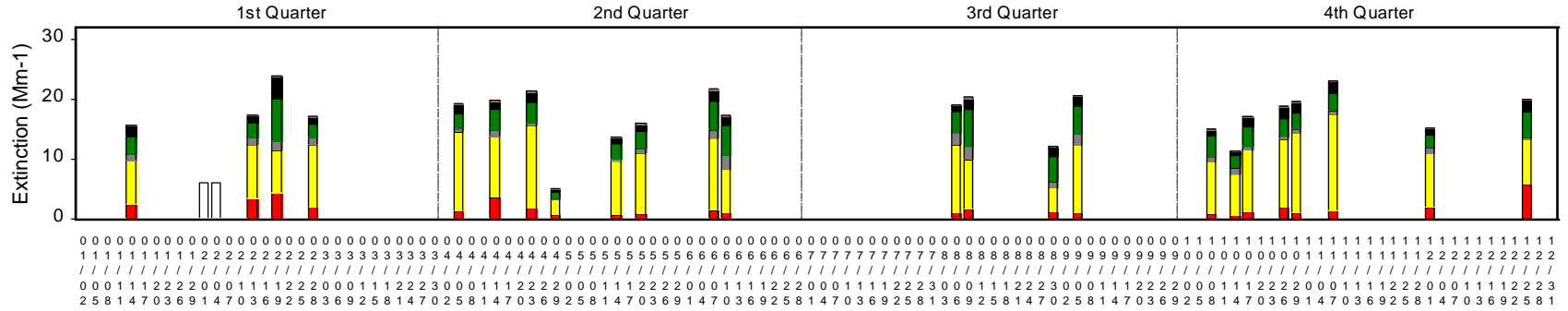
Quaker City : 2002 Mean = 39.5 Mm-1



■ Coarse Mass ■ Nitrate ■ Organics ■ Sulfate ■ Soil ■ Soot (LAC) ▨ Data Missing □ Day Missing

Reconstructed Extinction on Best Days

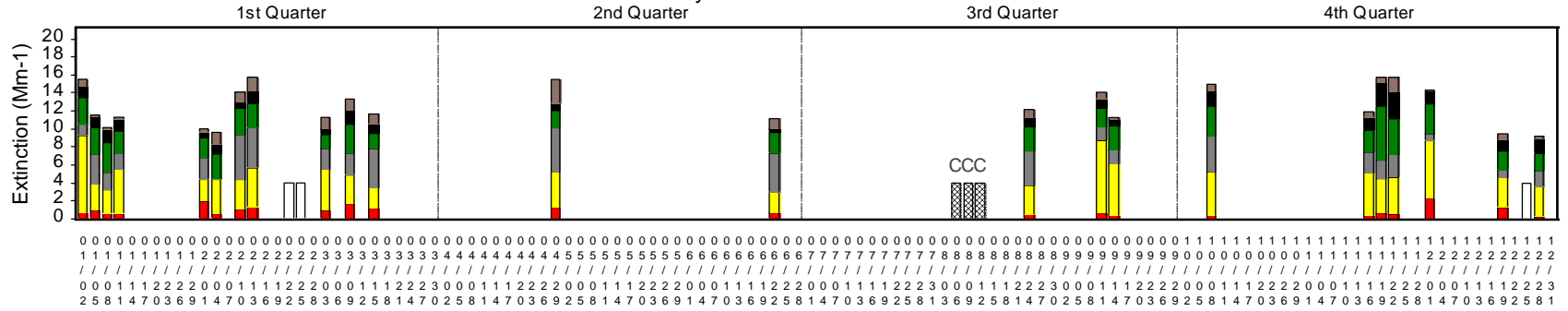
Quabbin Reservoir : 2002 Mean = 17.4 Mm⁻¹



- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

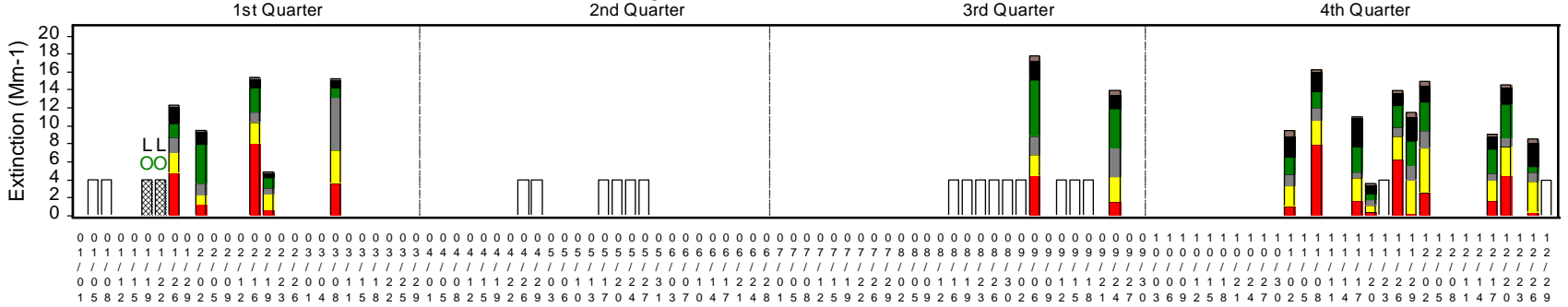
Queen Valley : 2002 Mean = 12.6 Mm⁻¹



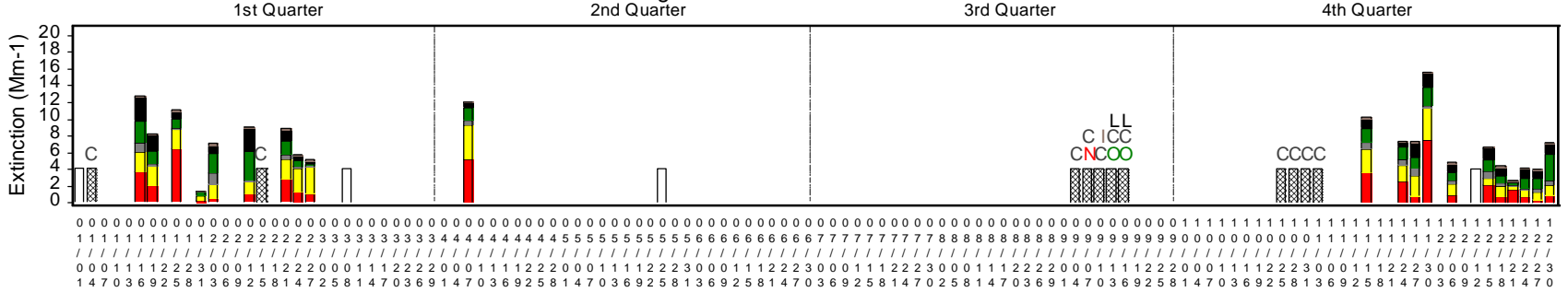
Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

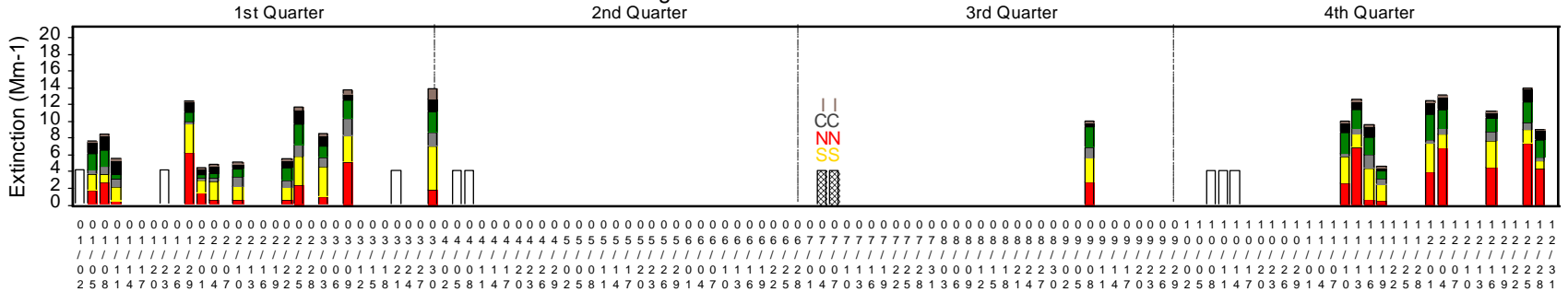
San Gorgonio : 2000 Mean = 11.9 Mm⁻¹



San Gorgonio : 2001 Mean = 7.4 Mm⁻¹



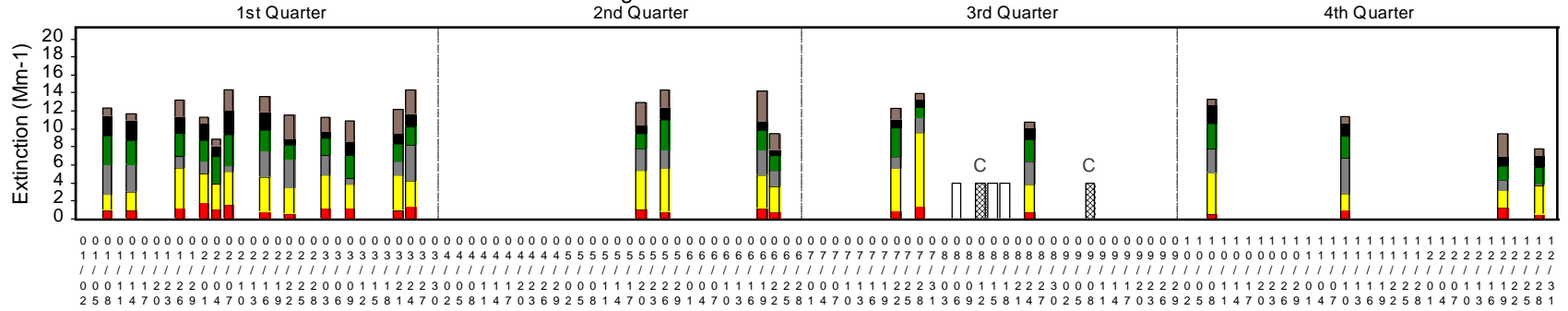
San Gorgonio : 2002 Mean = 9.4 Mm⁻¹



- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

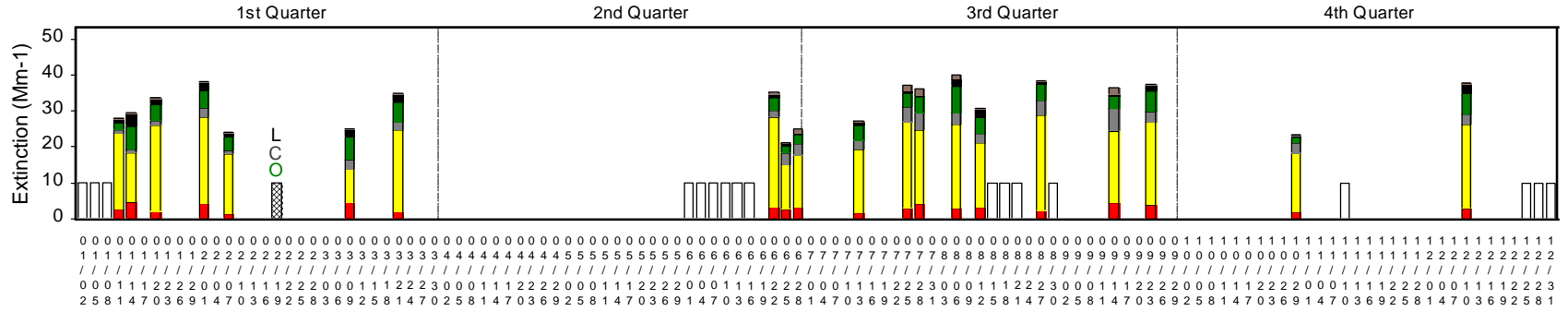
Saguaro : 2002 Mean = 11.9 Mm⁻¹



Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

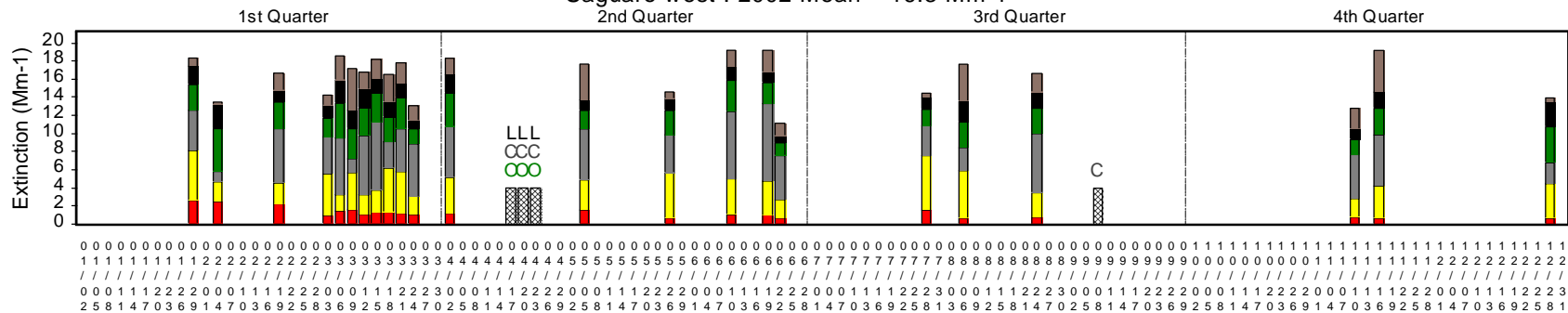
Saint Marks : 2002 Mean = 31.9 Mm⁻¹



- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

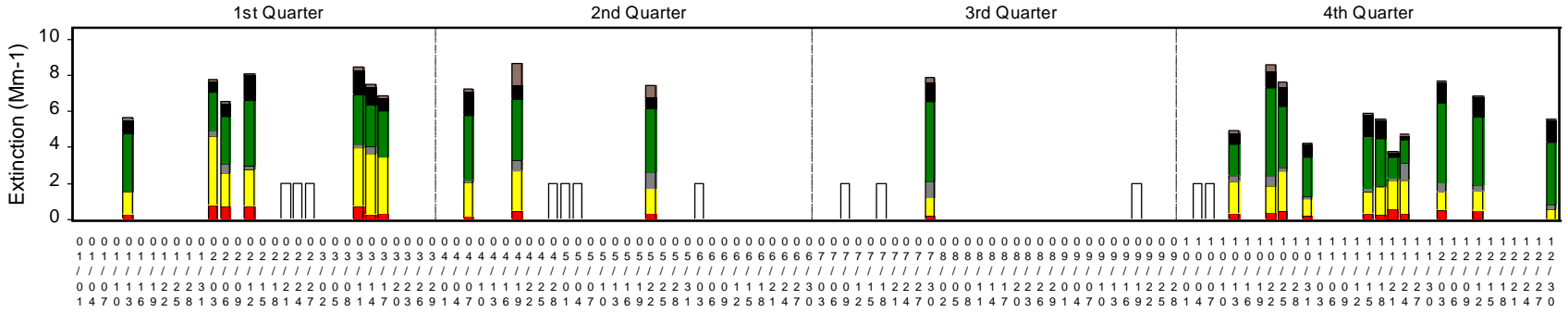
Saguaro west : 2002 Mean = 16.3 Mm⁻¹



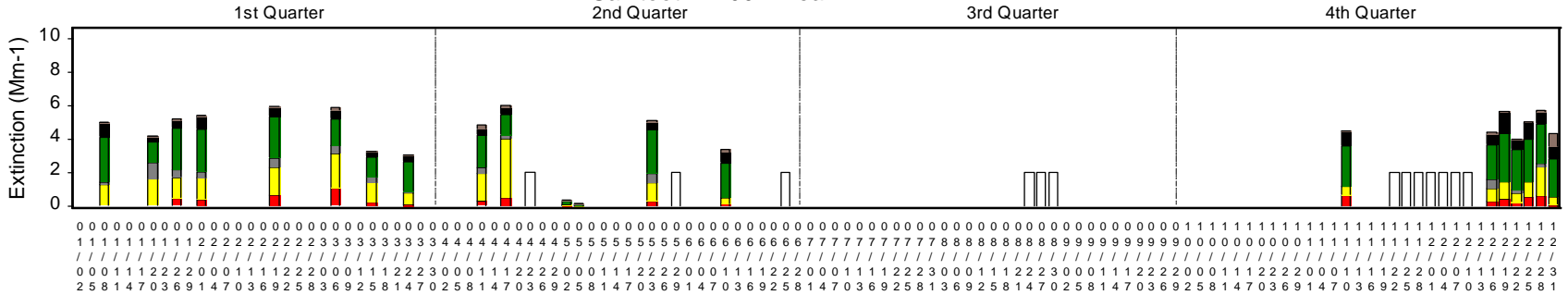
Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

Sawtooth : 2001 Mean = 6.7 Mm⁻¹



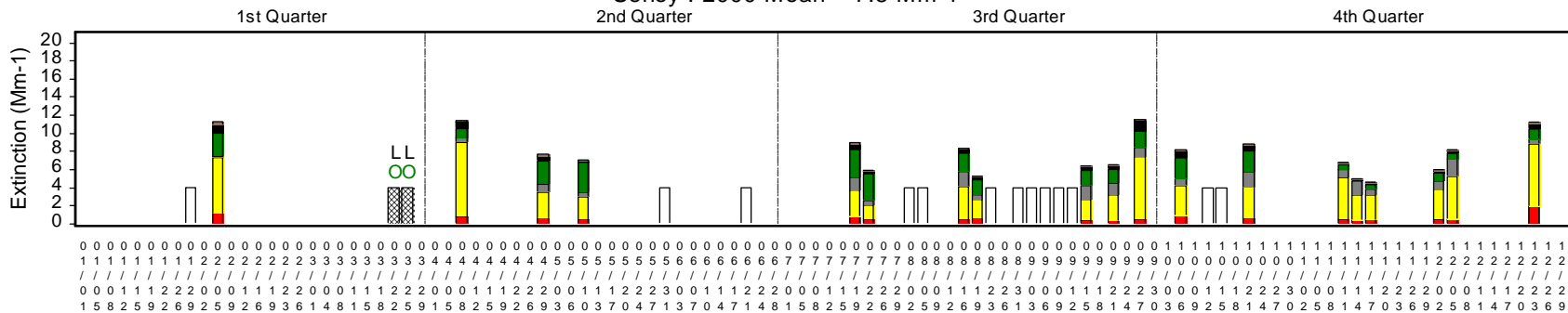
Sawtooth : 2002 Mean = 4.4 Mm⁻¹



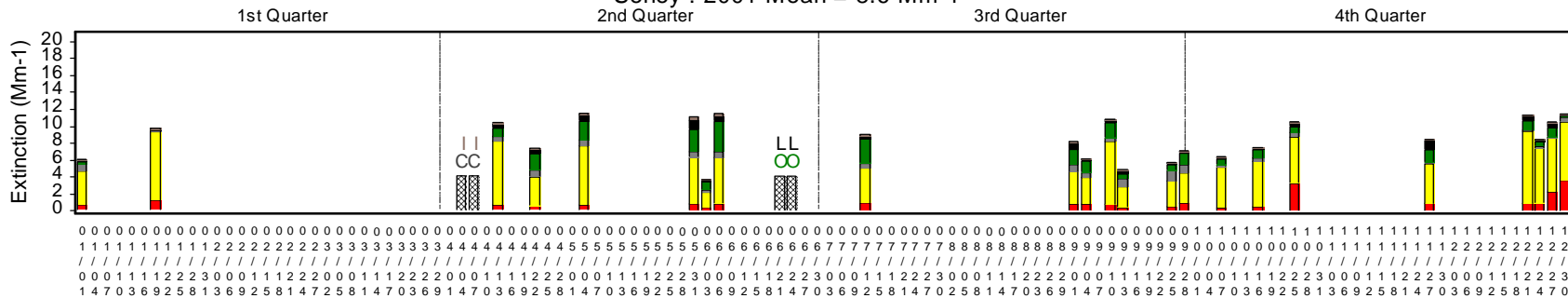
Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

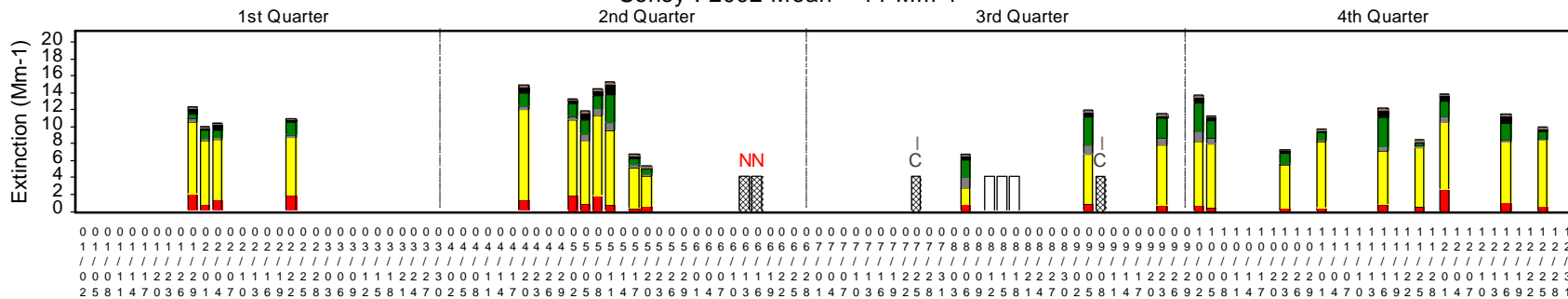
Seney : 2000 Mean = 7.8 Mm⁻¹



Seney : 2001 Mean = 8.6 Mm⁻¹



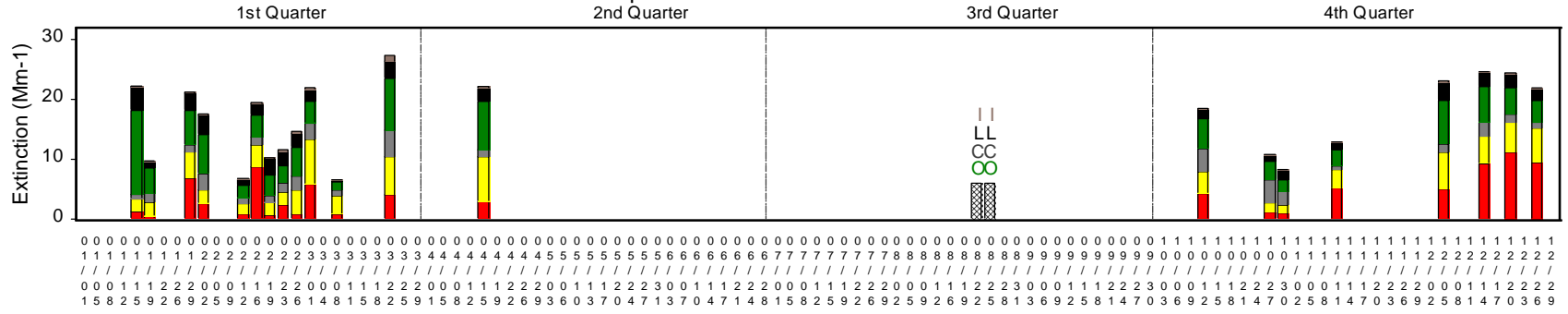
Seney : 2002 Mean = 11 Mm⁻¹



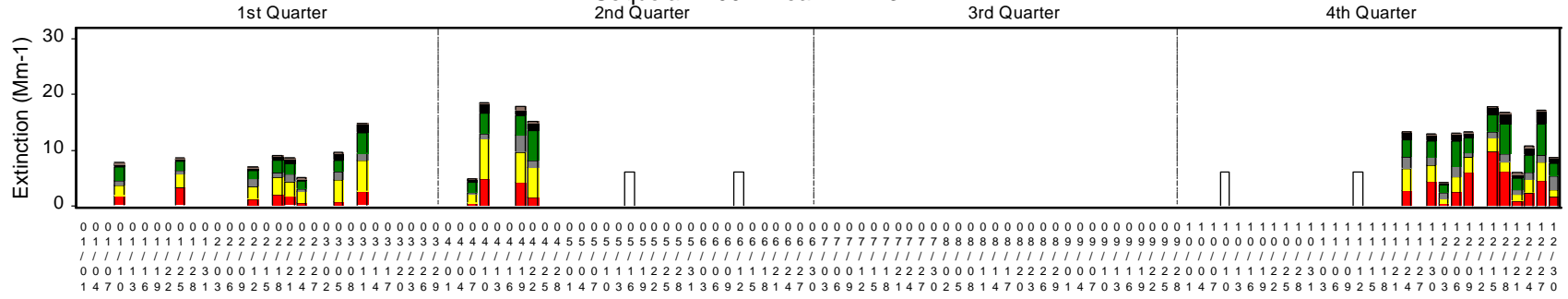
Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

Sequoia : 2000 Mean = 16.8 Mm⁻¹



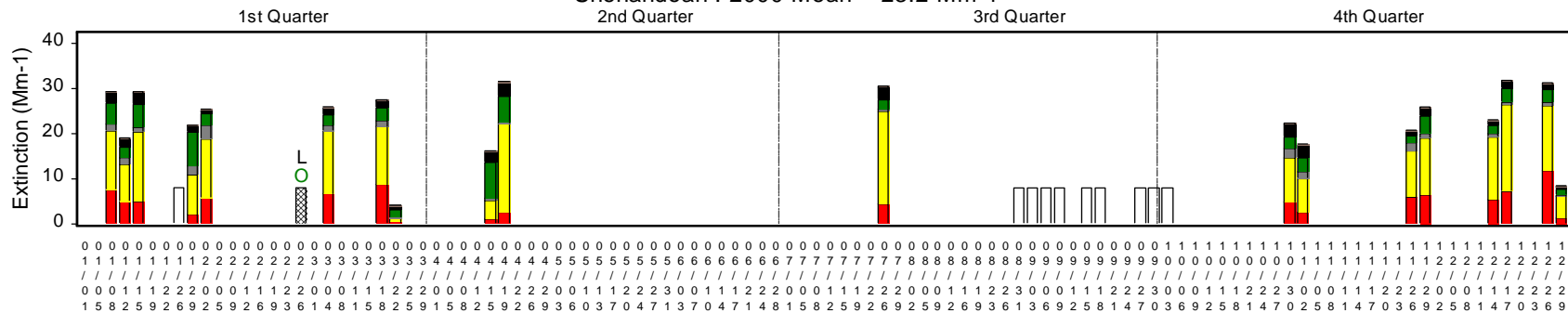
Sequoia : 2001 Mean = 11.3 Mm⁻¹



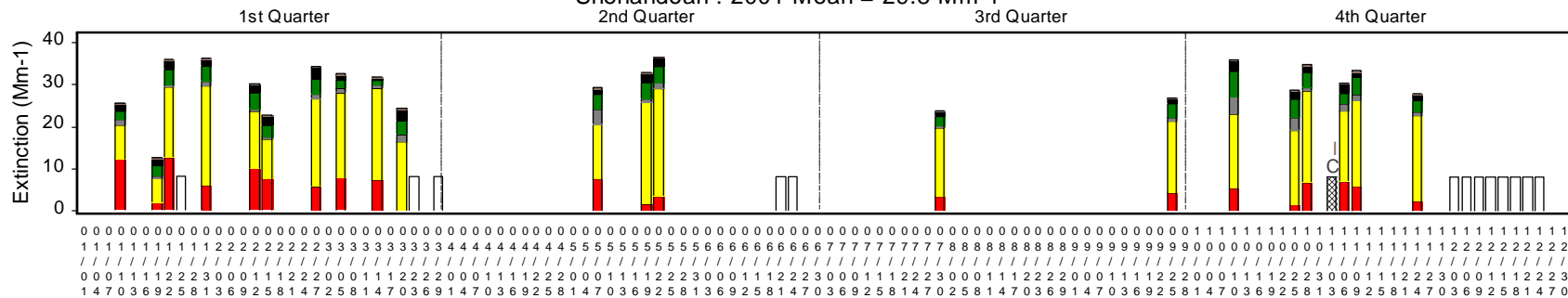
Legend: Coarse Mass (grey), Nitrate (red), Organics (green), Sulfate (yellow), Soil (brown), Soot (LAC) (black), Data Missing (hatched), Day Missing (white)

Reconstructed Extinction on Best Days

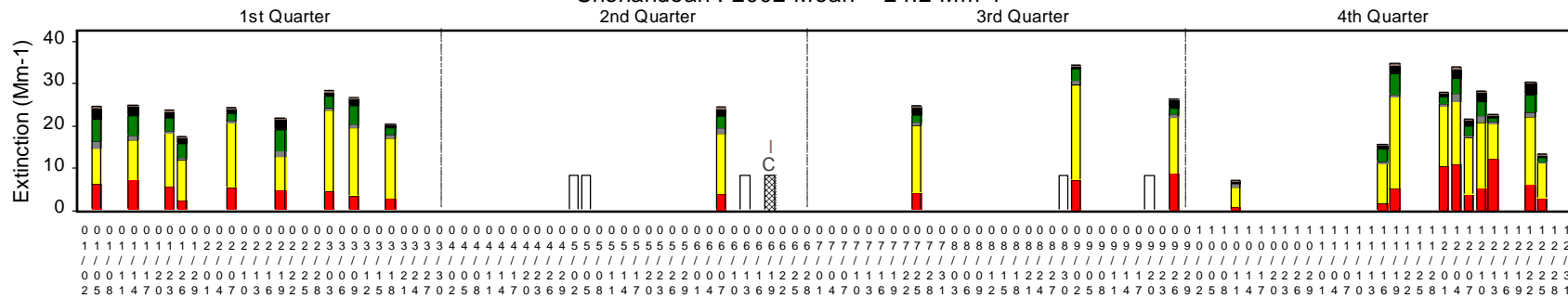
Shenandoah : 2000 Mean = 23.2 Mm⁻¹



Shenandoah : 2001 Mean = 29.8 Mm⁻¹



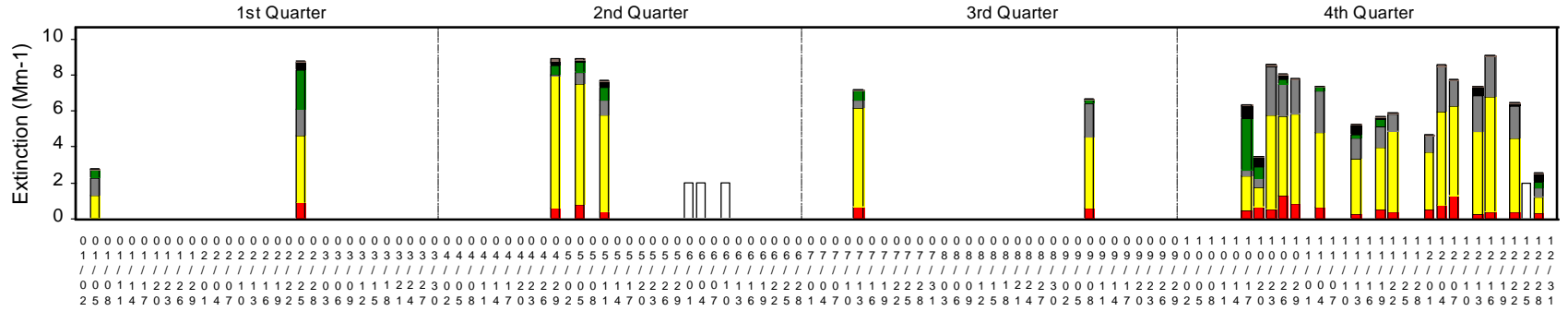
Shenandoah : 2002 Mean = 24.2 Mm⁻¹



Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

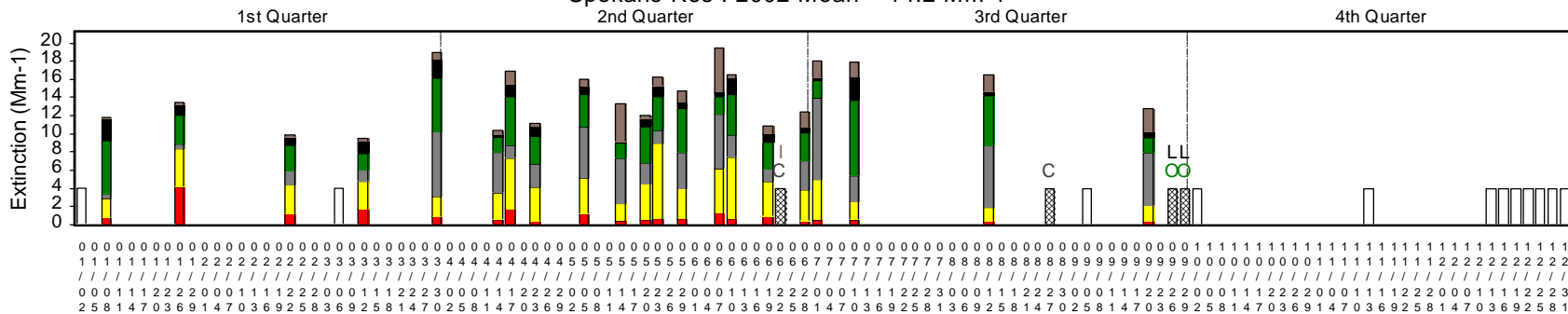
Reconstructed Extinction on Best Days

Simeonof : 2002 Mean = 6.8 Mm⁻¹



Reconstructed Extinction on Best Days

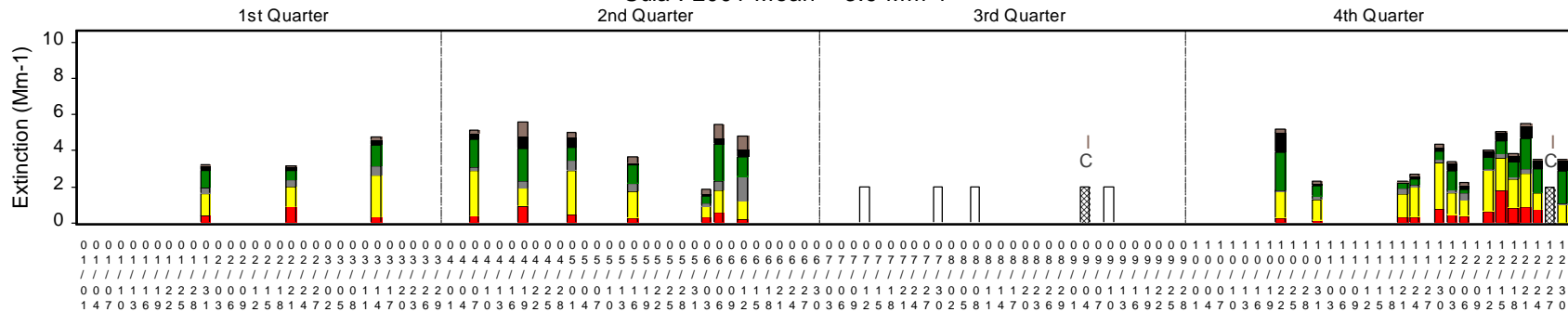
Spokane Res : 2002 Mean = 14.2 Mm⁻¹



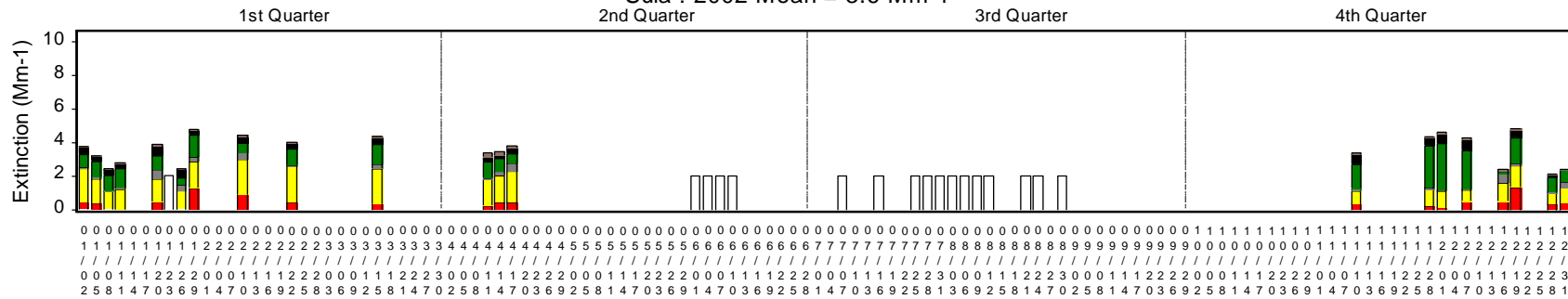
Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

Sula : 2001 Mean = 3.9 Mm⁻¹



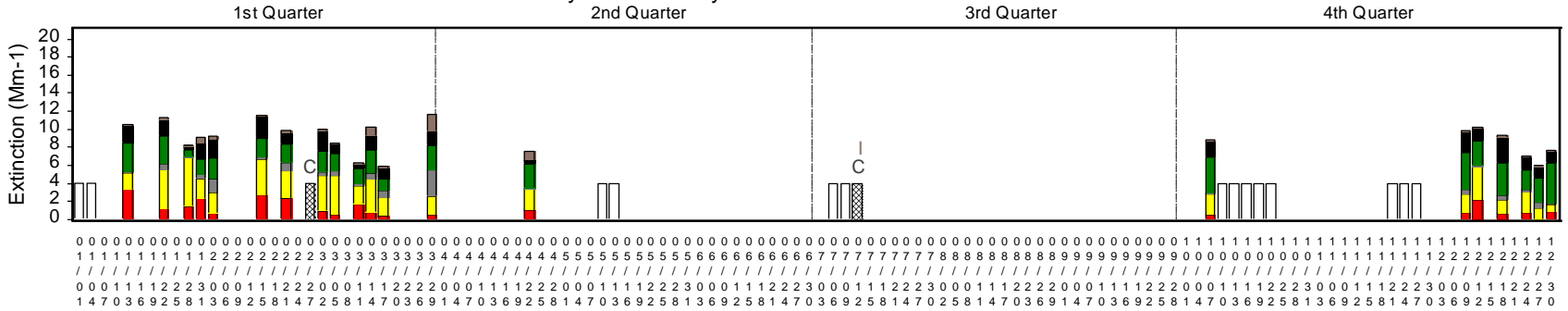
Sula : 2002 Mean = 3.6 Mm⁻¹



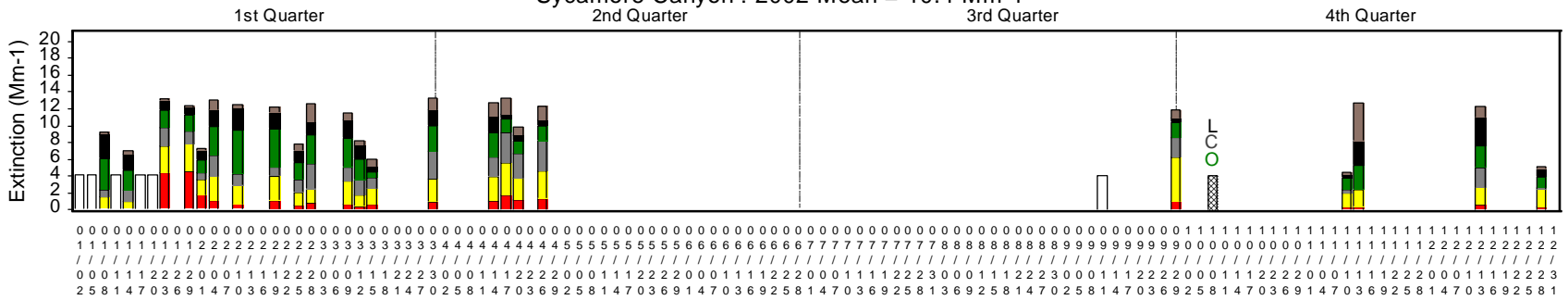
Coarse Mass Nitrate Organics Sulfate Soil Soot (LAC) Data Missing Day Missing

Reconstructed Extinction on Best Days

Sycamore Canyon : 2001 Mean = 9 Mm⁻¹



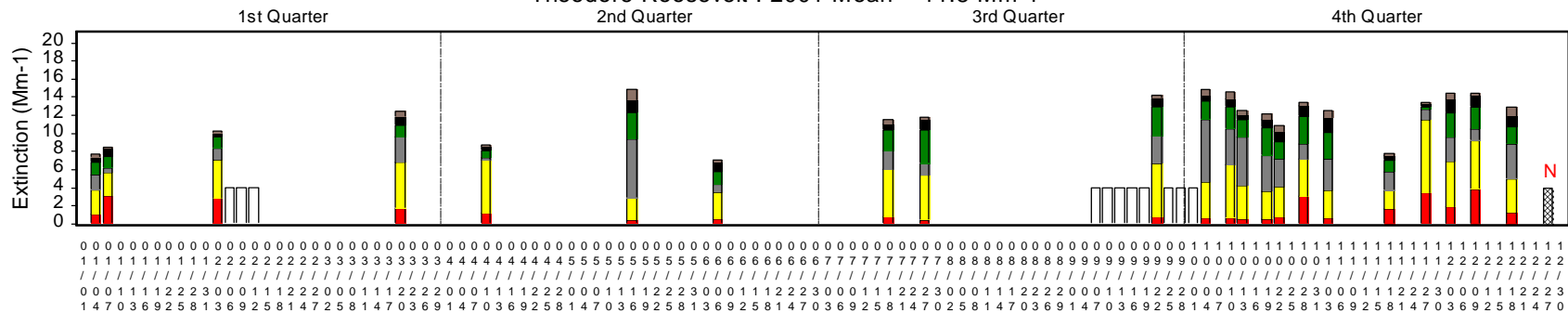
Sycamore Canyon : 2002 Mean = 10.4 Mm⁻¹



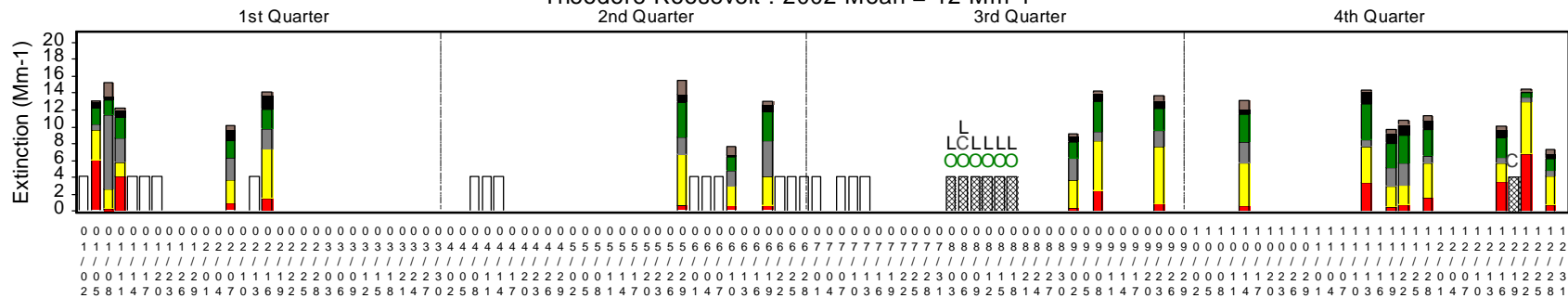
Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

Theodore Roosevelt : 2001 Mean = 11.8 Mm⁻¹



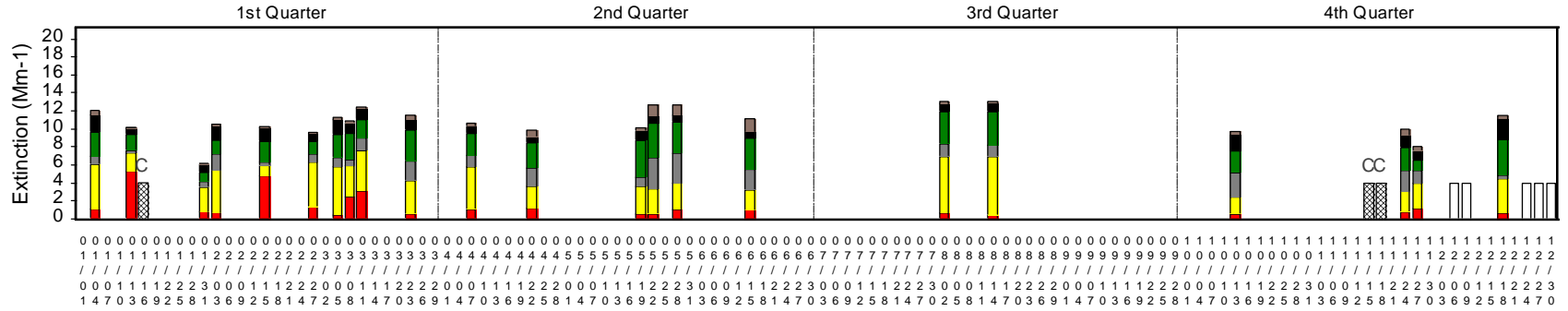
Theodore Roosevelt : 2002 Mean = 12 Mm⁻¹



Coarse Mass Nitrate Organics Sulfate Soil Soot (LAC) Data Missing Day Missing

Reconstructed Extinction on Best Days

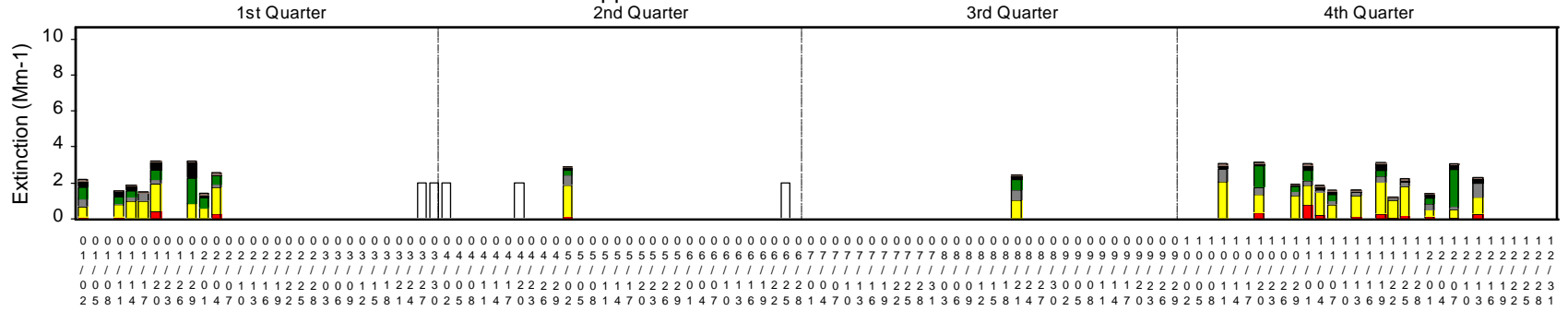
Tonto : 2001 Mean = 10.8 Mm⁻¹



- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

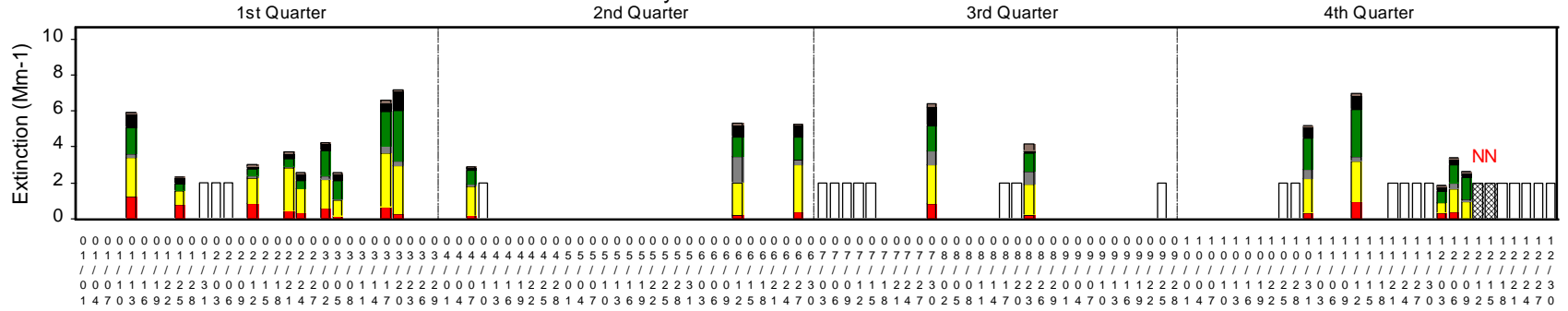
Trapper Creek : 2002 Mean = 2.3 Mm⁻¹



- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

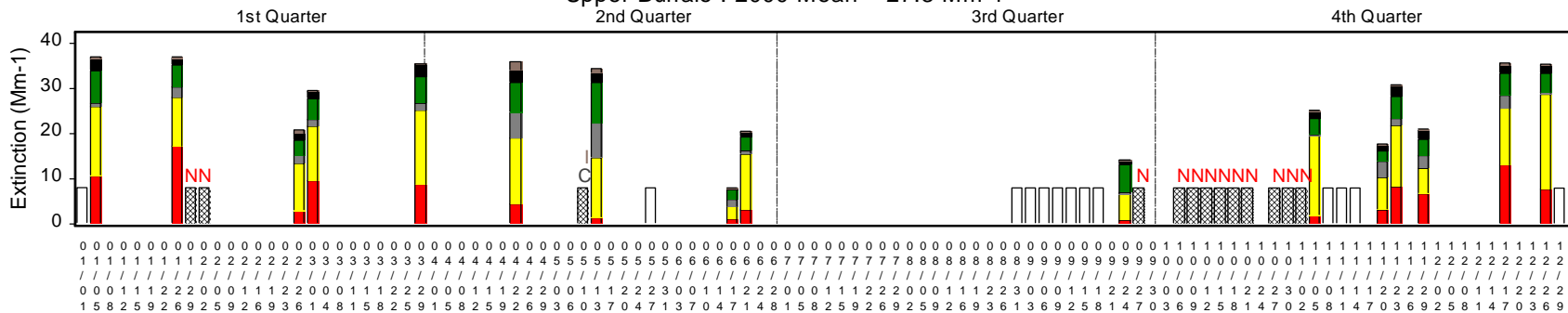
Trinity : 2001 Mean = 4.3 Mm⁻¹



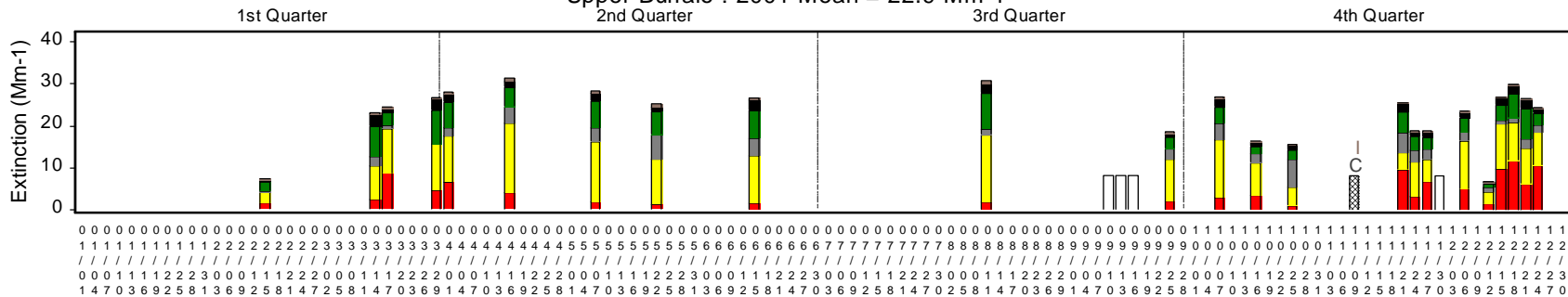
- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

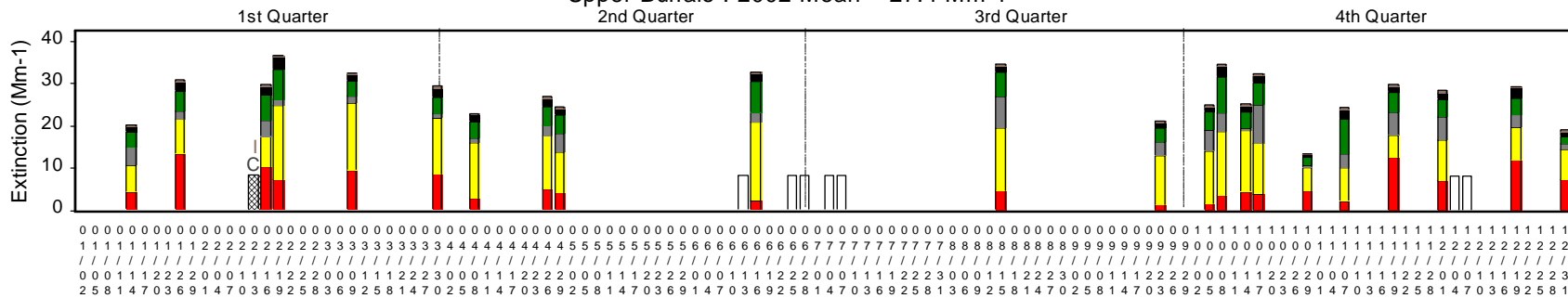
Upper Buffalo : 2000 Mean = 27.3 Mm⁻¹



Upper Buffalo : 2001 Mean = 22.9 Mm⁻¹



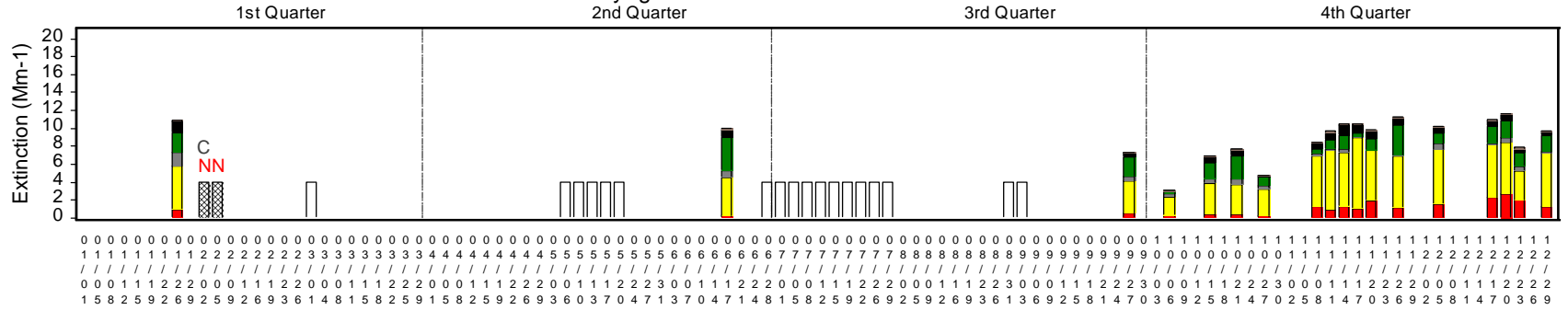
Upper Buffalo : 2002 Mean = 27.4 Mm⁻¹



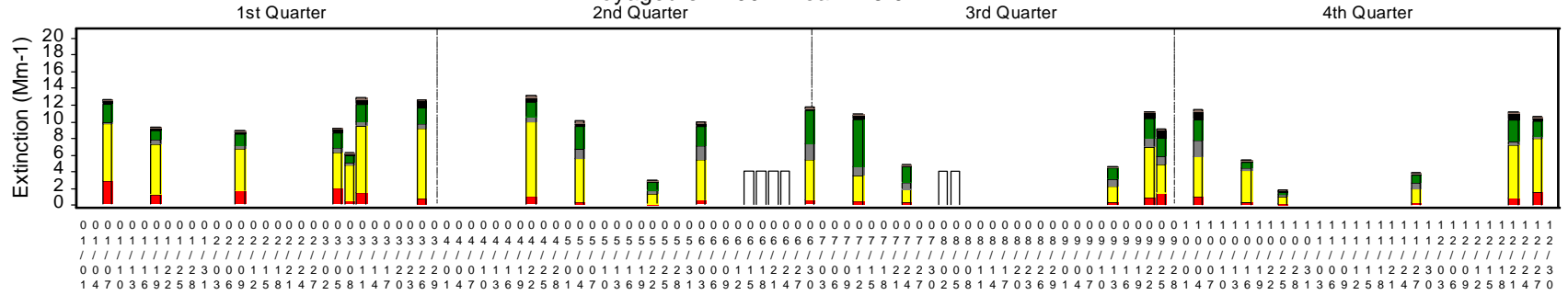
Coarse Mass Nitrate Organics Sulfate Soil Soot (LAC) Data Missing Day Missing

Reconstructed Extinction on Best Days

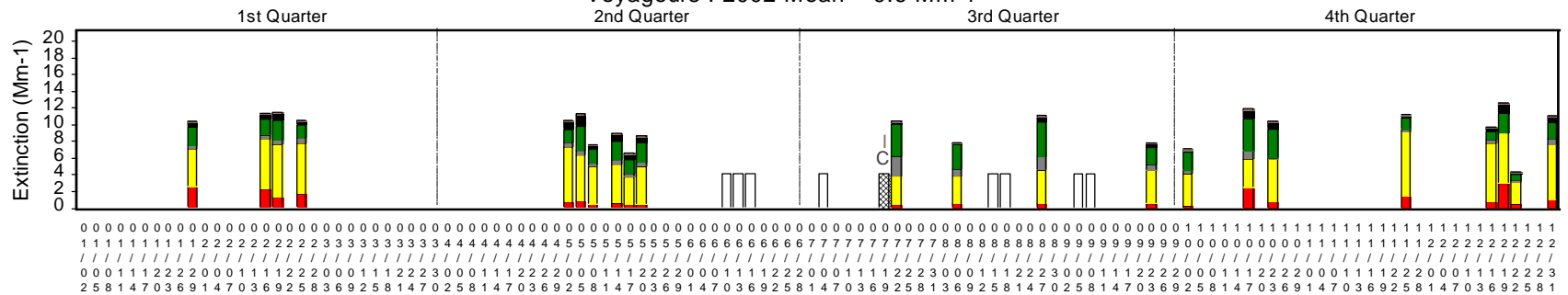
Voyageurs : 2000 Mean = 8.9 Mm⁻¹



Voyageurs : 2001 Mean = 8.9 Mm⁻¹

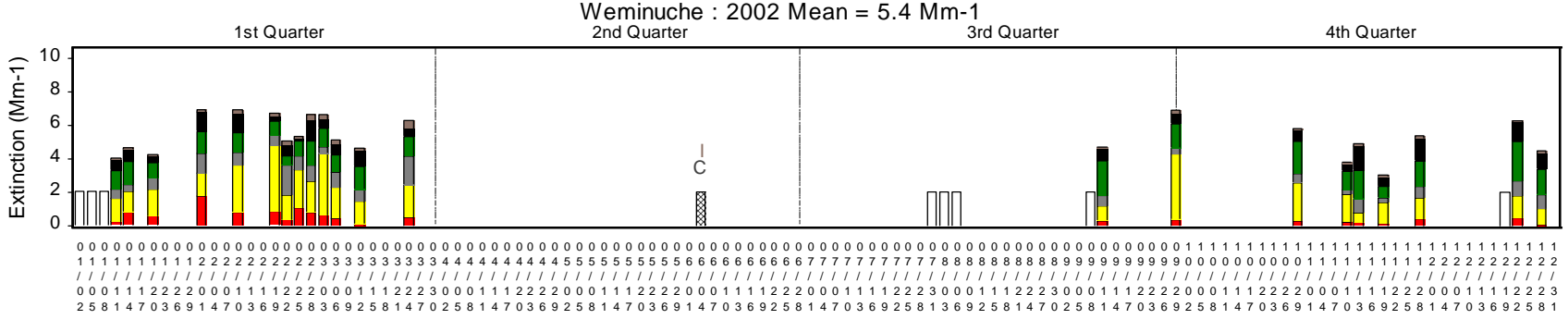
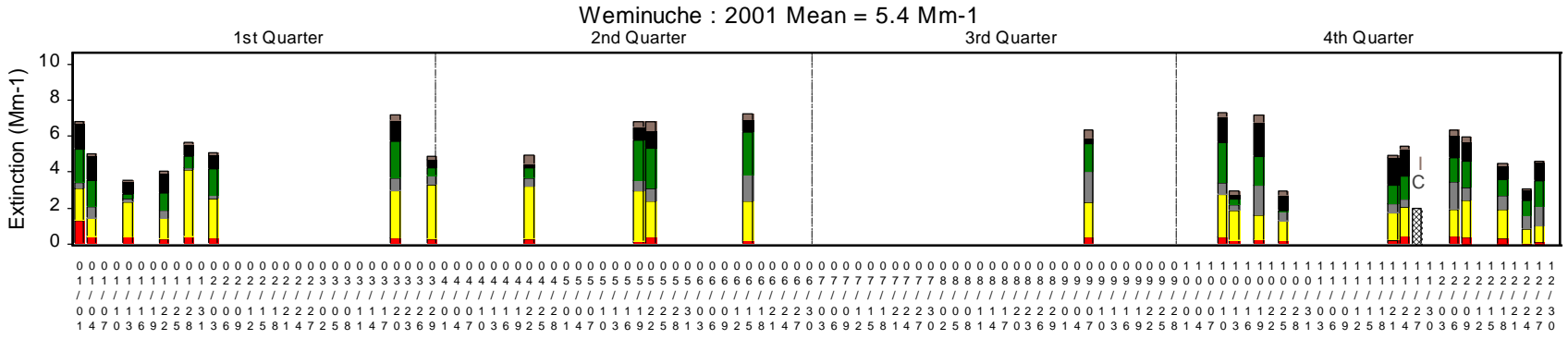


Voyageurs : 2002 Mean = 9.6 Mm⁻¹



Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

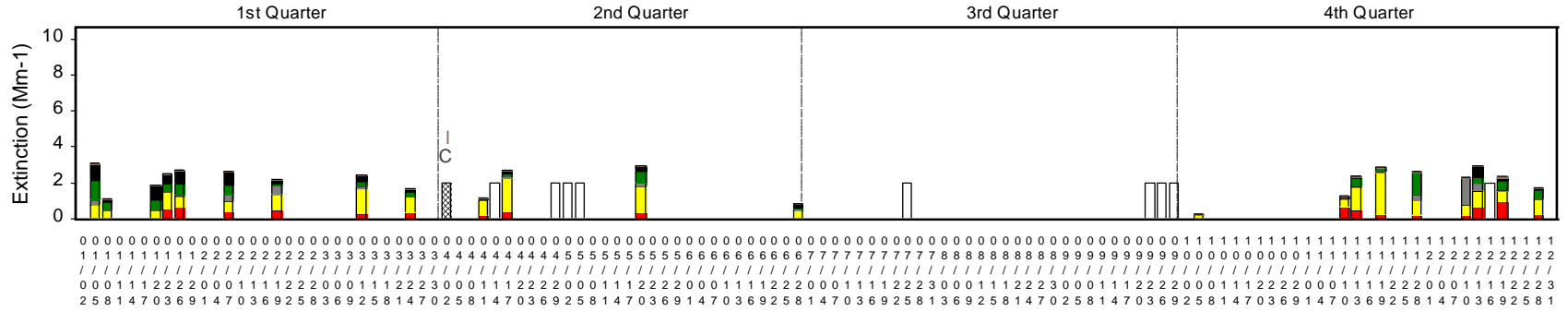
Reconstructed Extinction on Best Days



Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (IAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

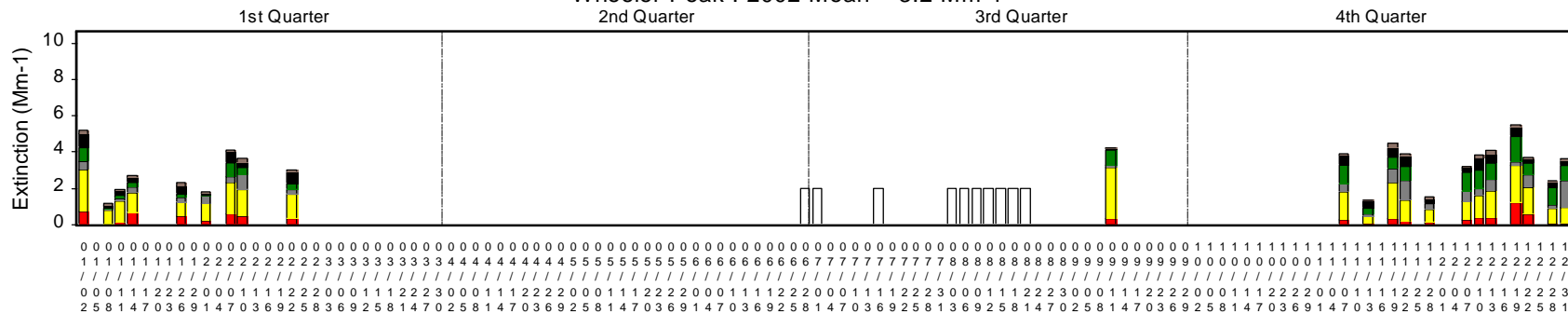
White Pass : 2002 Mean = 2.1 Mm-1



Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

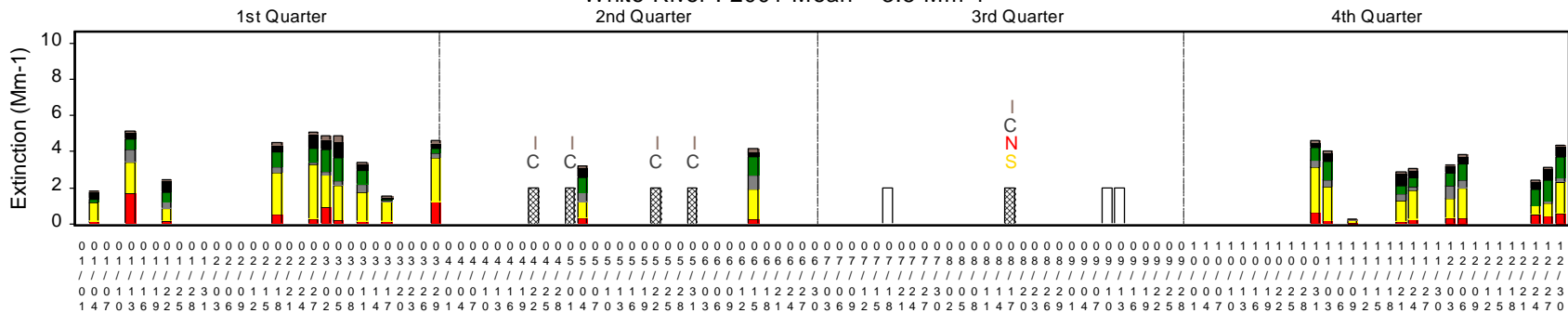
Reconstructed Extinction on Best Days

Wheeler Peak : 2002 Mean = 3.2 Mm⁻¹

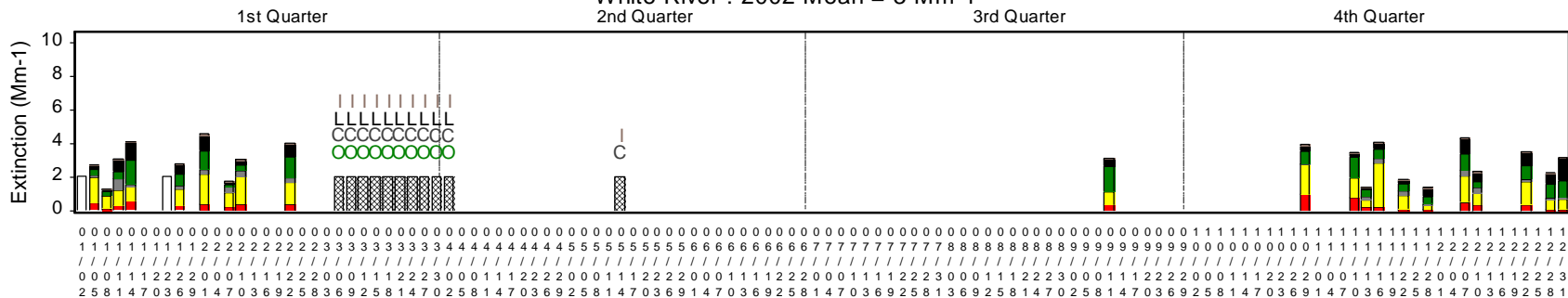


Reconstructed Extinction on Best Days

White River : 2001 Mean = 3.5 Mm⁻¹



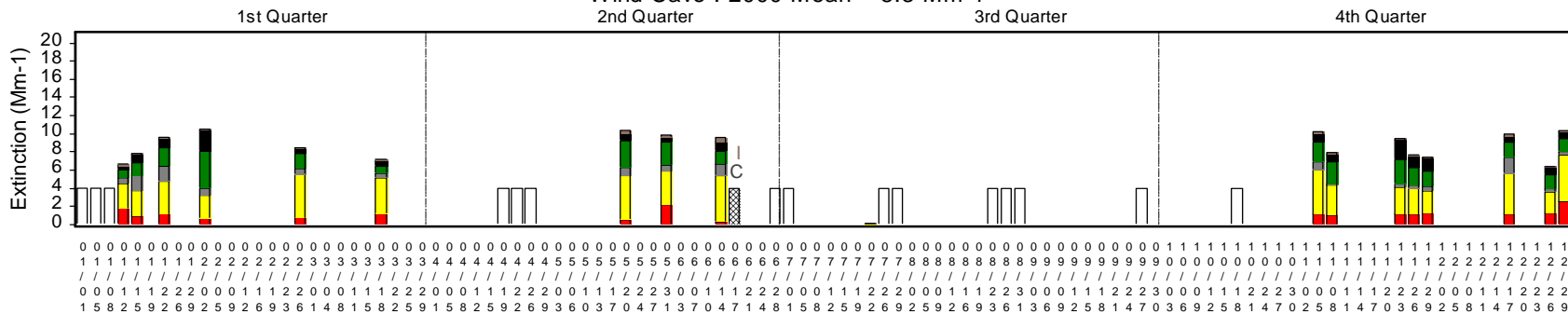
White River : 2002 Mean = 3 Mm⁻¹



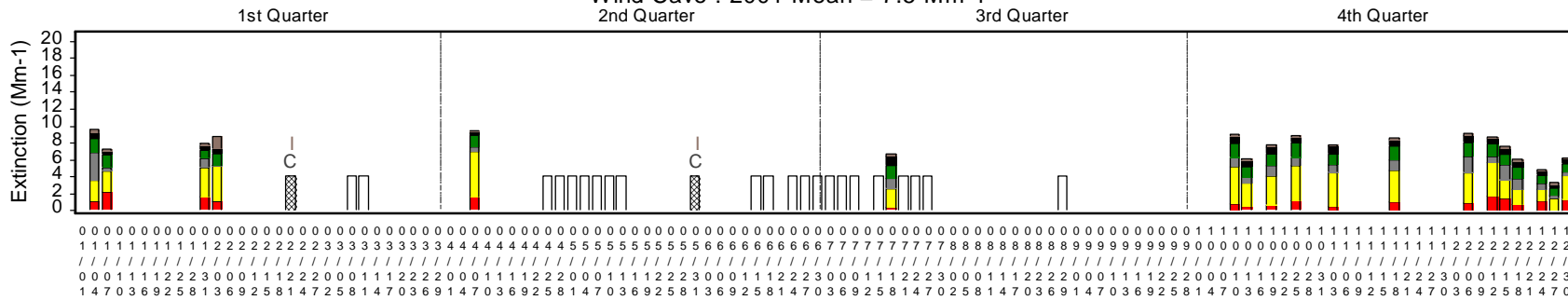
Coarse Mass
 Nitrate
 Organics
 Sulfate
 Soil
 Soot (LAC)
 Data Missing
 Day Missing

Reconstructed Extinction on Best Days

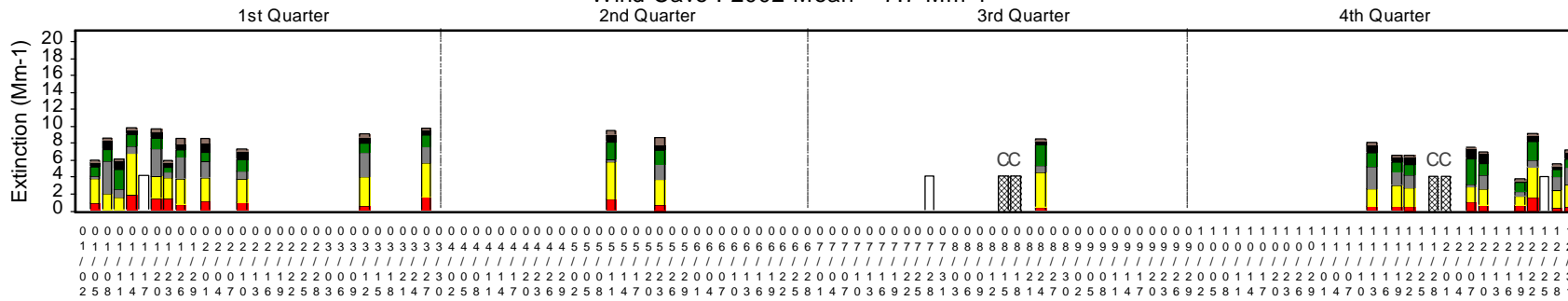
Wind Cave : 2000 Mean = 8.3 Mm⁻¹



Wind Cave : 2001 Mean = 7.5 Mm⁻¹



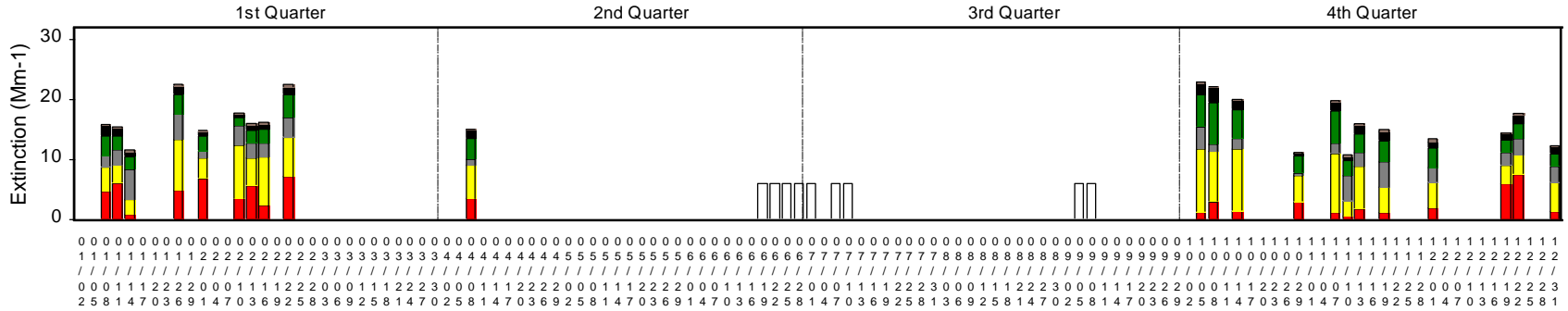
Wind Cave : 2002 Mean = 7.7 Mm⁻¹



- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

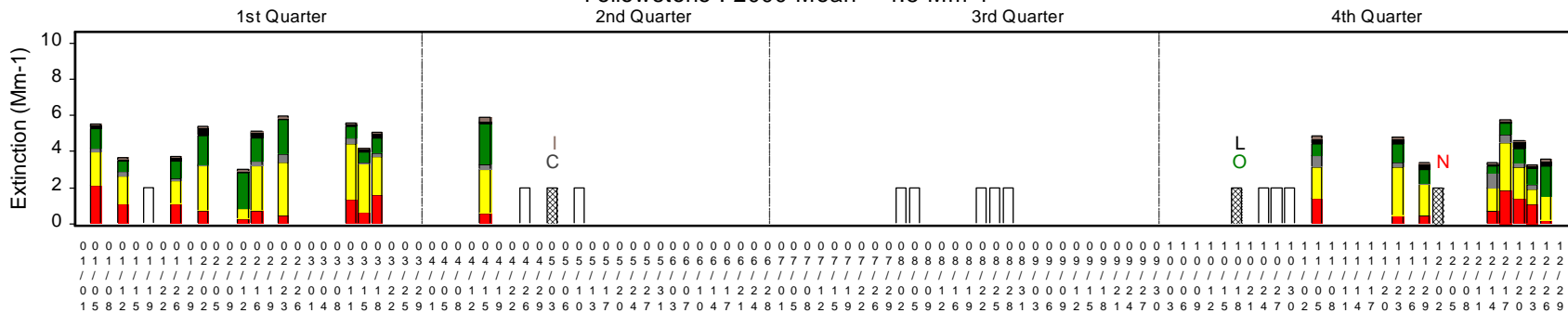
Wichita Mountains : 2002 Mean = 16.4 Mm⁻¹



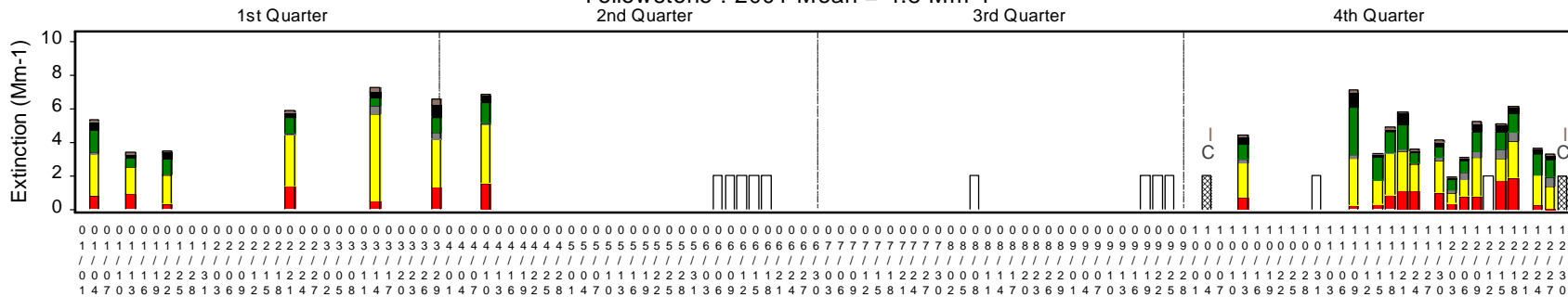
- Coarse Mass
- Nitrate
- Organics
- Sulfate
- Soil
- Soot (LAC)
- Data Missing
- Day Missing

Reconstructed Extinction on Best Days

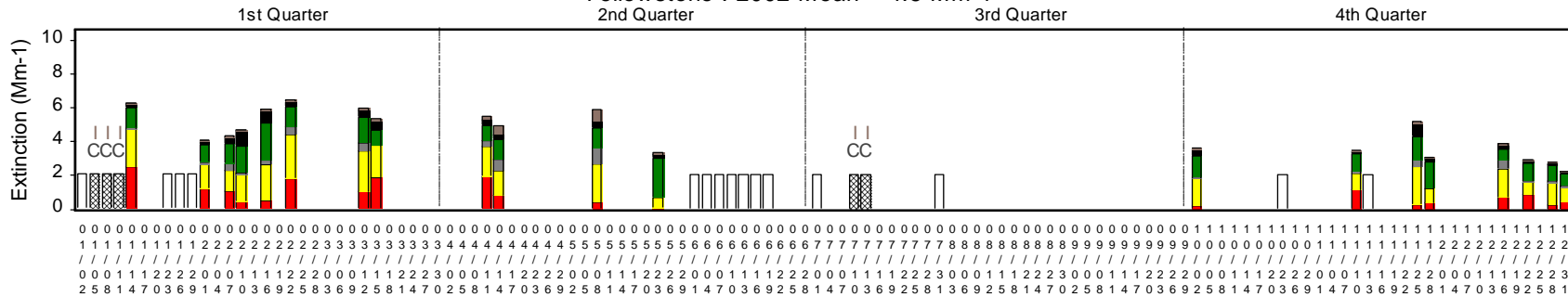
Yellowstone : 2000 Mean = 4.5 Mm-1



Yellowstone : 2001 Mean = 4.8 Mm-1



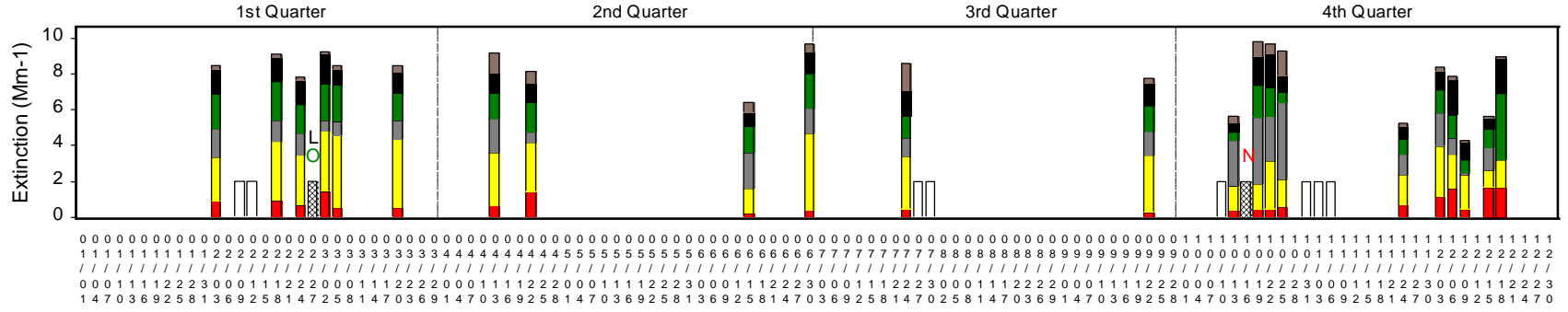
Yellowstone : 2002 Mean = 4.5 Mm-1



Coarse Mass Nitrate Organics Sulfate Soil Soot (LAC) Data Missing Day Missing

Reconstructed Extinction on Best Days

Zion : 2001 Mean = 8 Mm⁻¹



Zion : 2002 Mean = 6.6 Mm⁻¹

