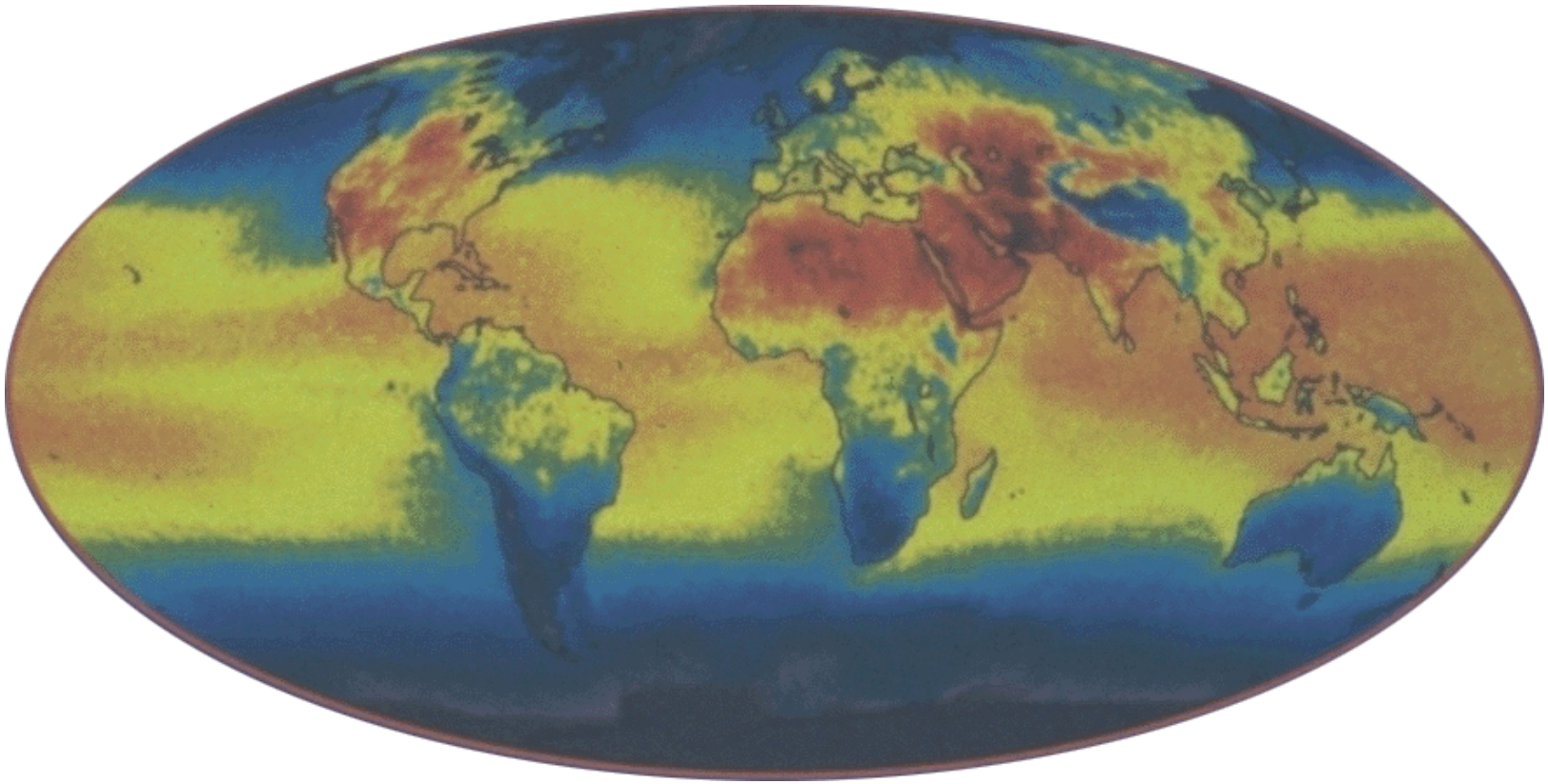
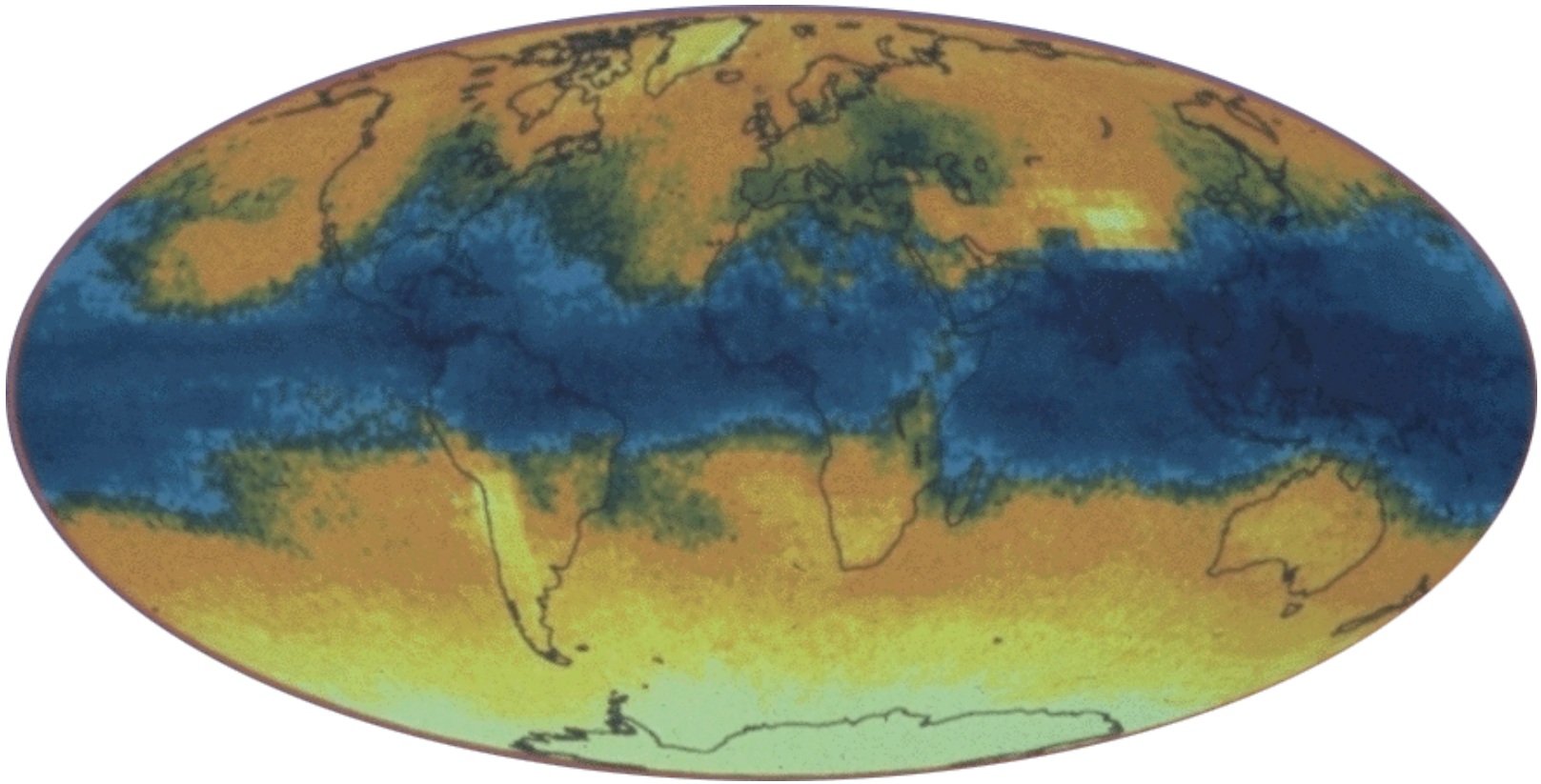
Global Surface Temperature

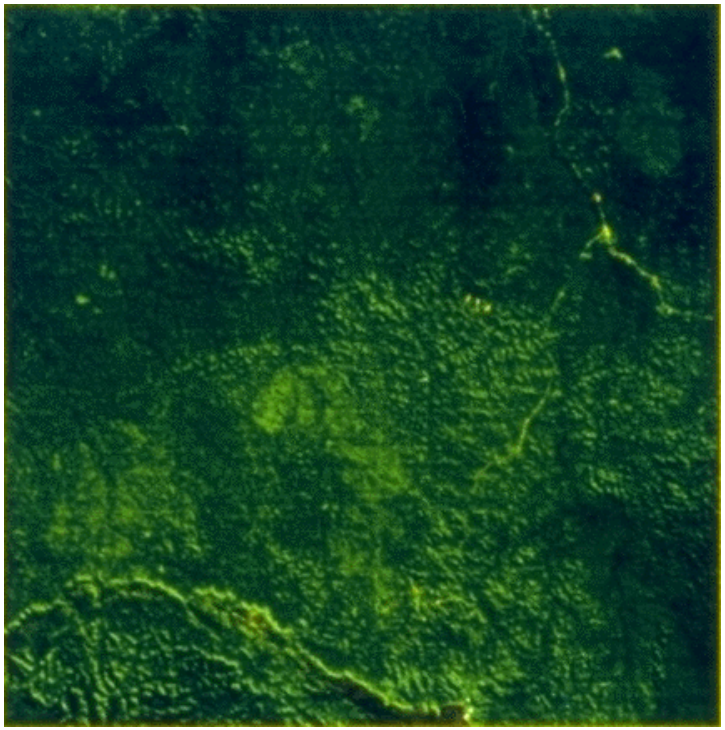


Global Water Vapor

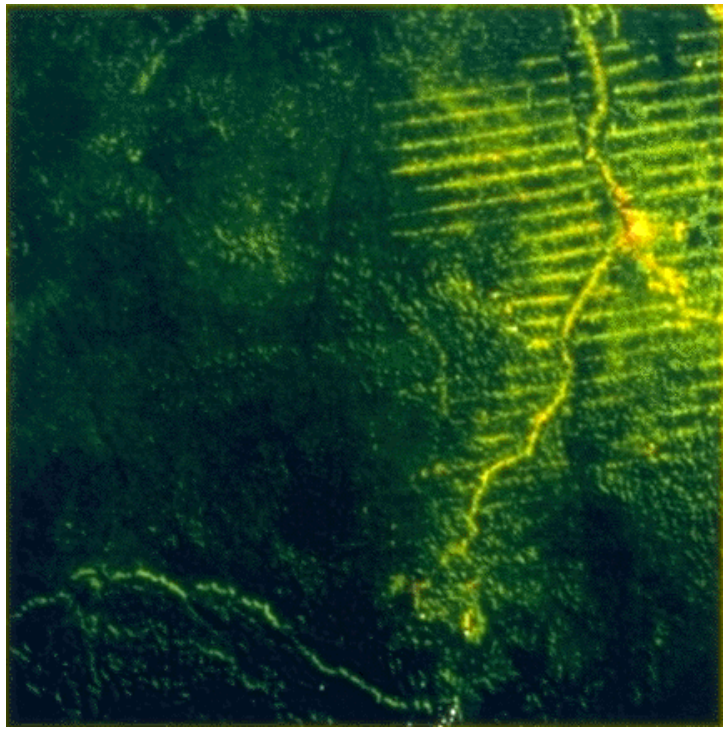


Amazon Deforestation

1975

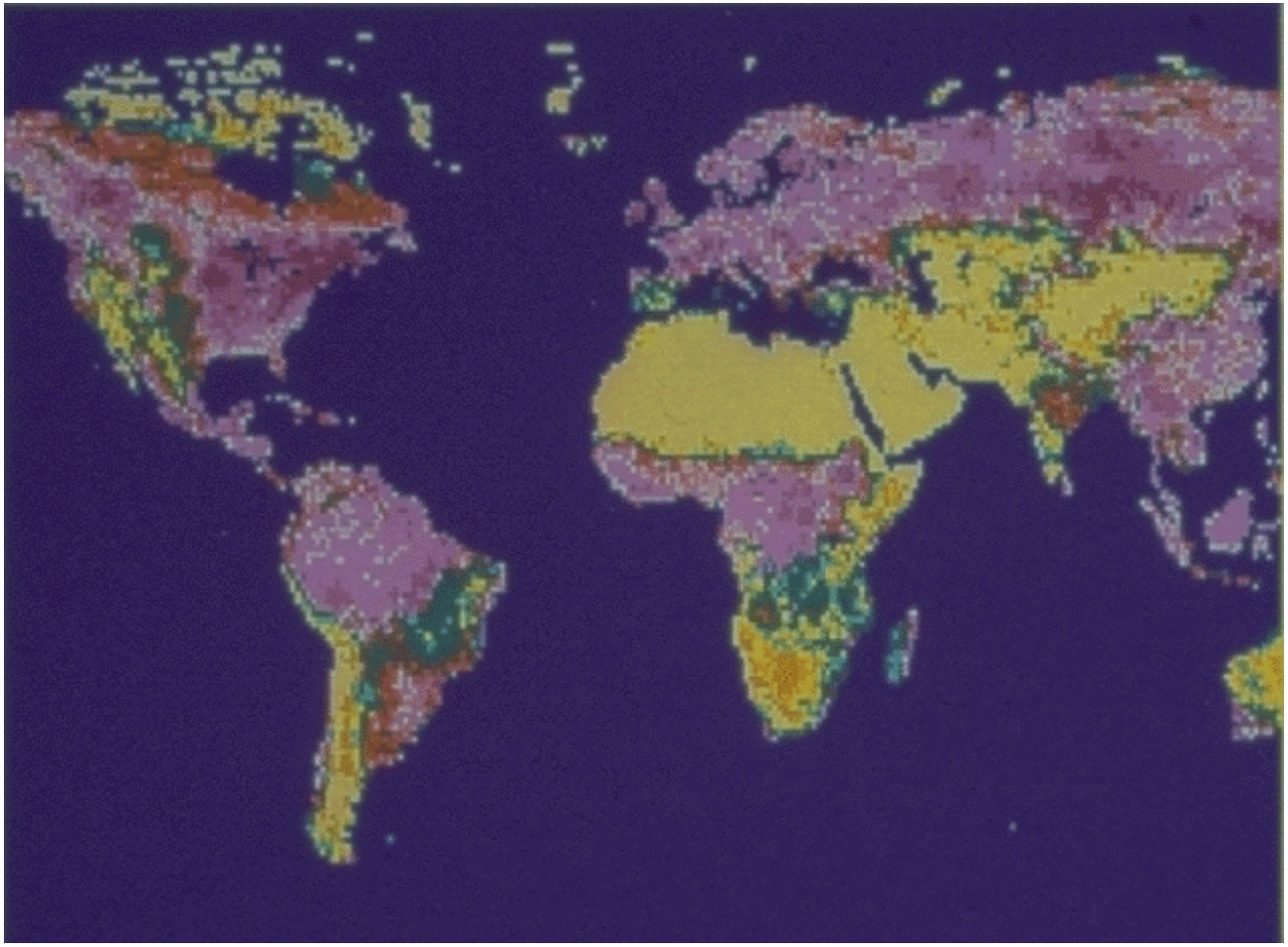


1986

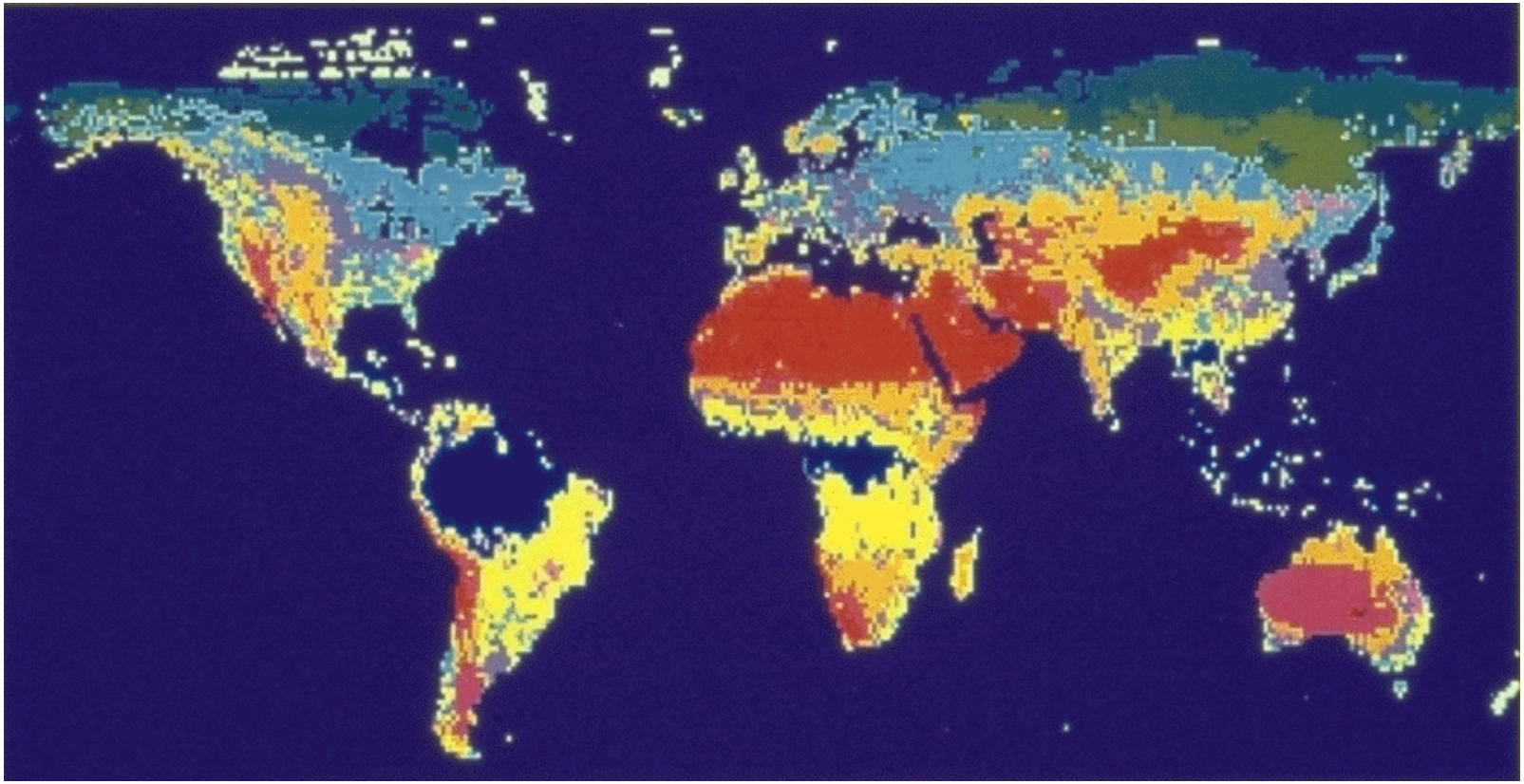


Burning of Tropical Rain Forests

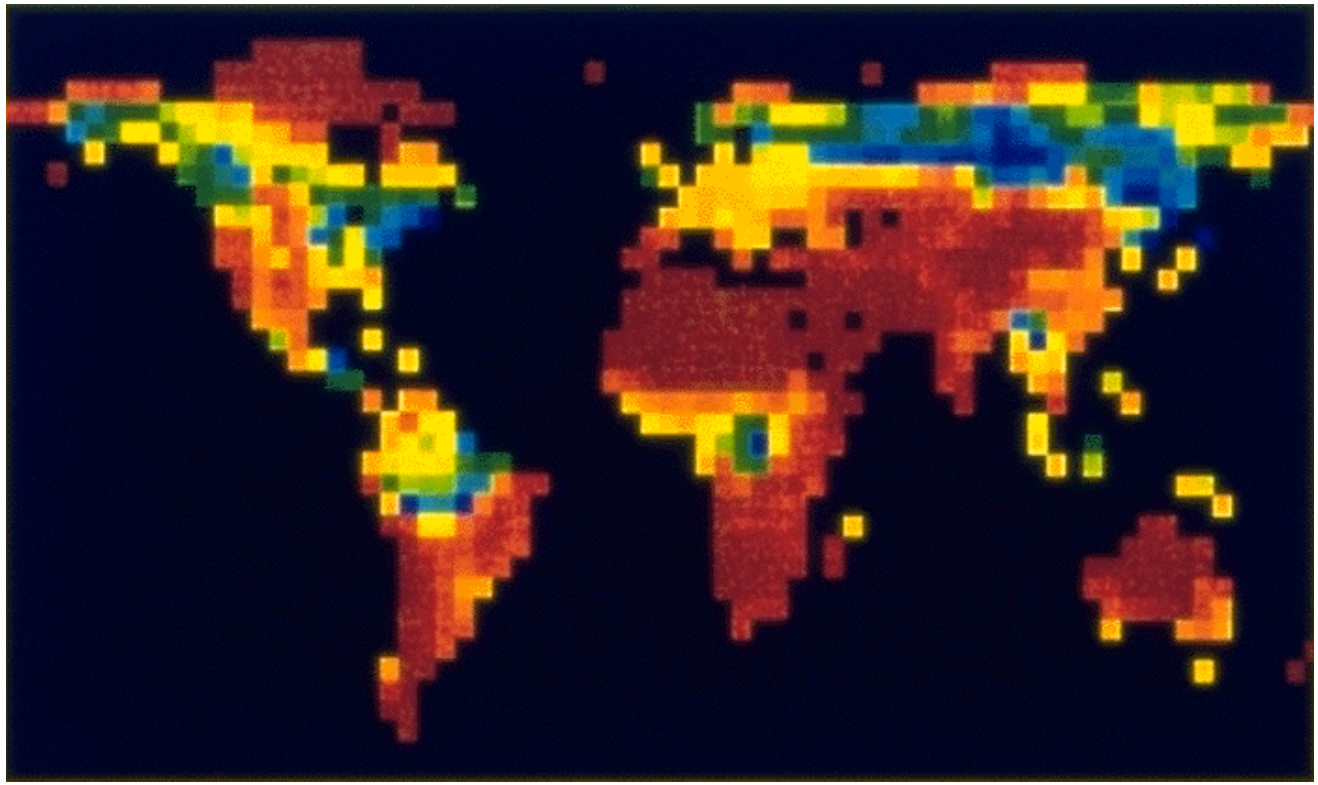
Vegetation Density



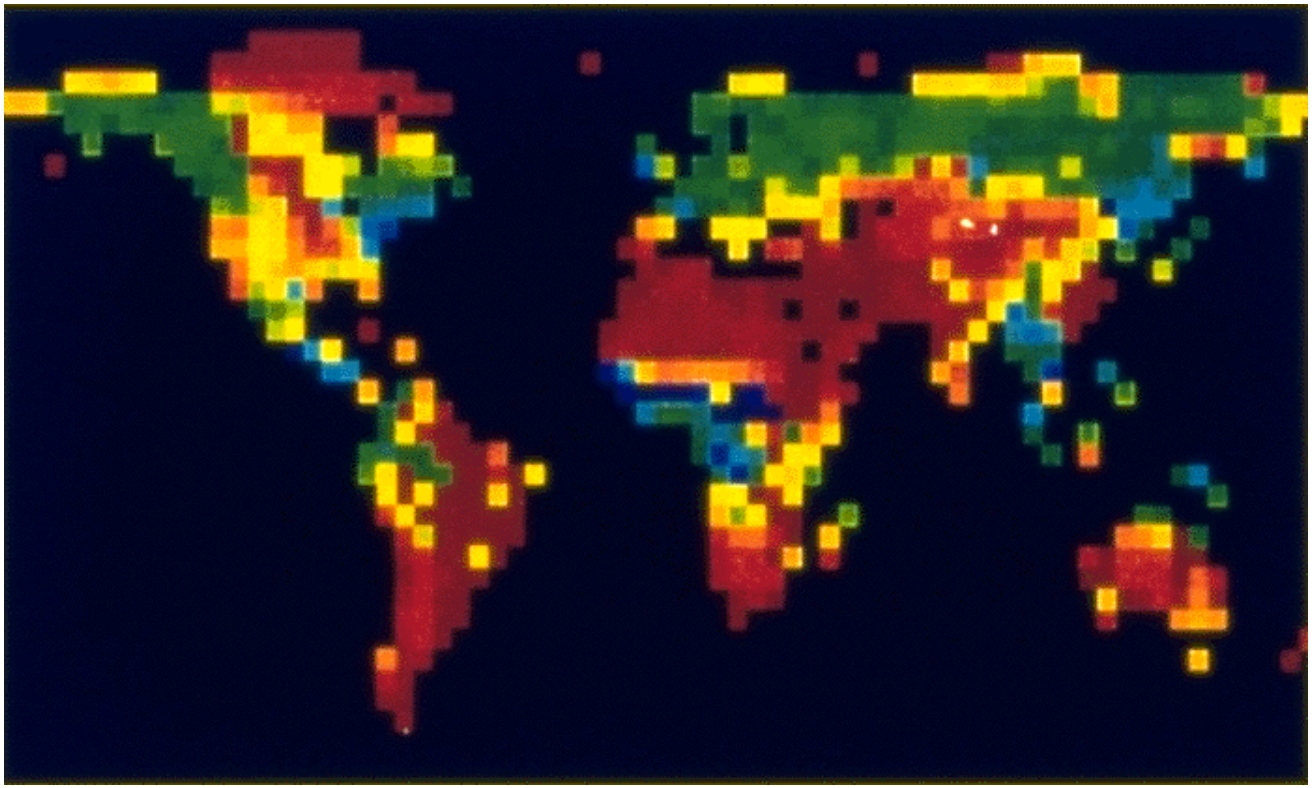
Global NDVI



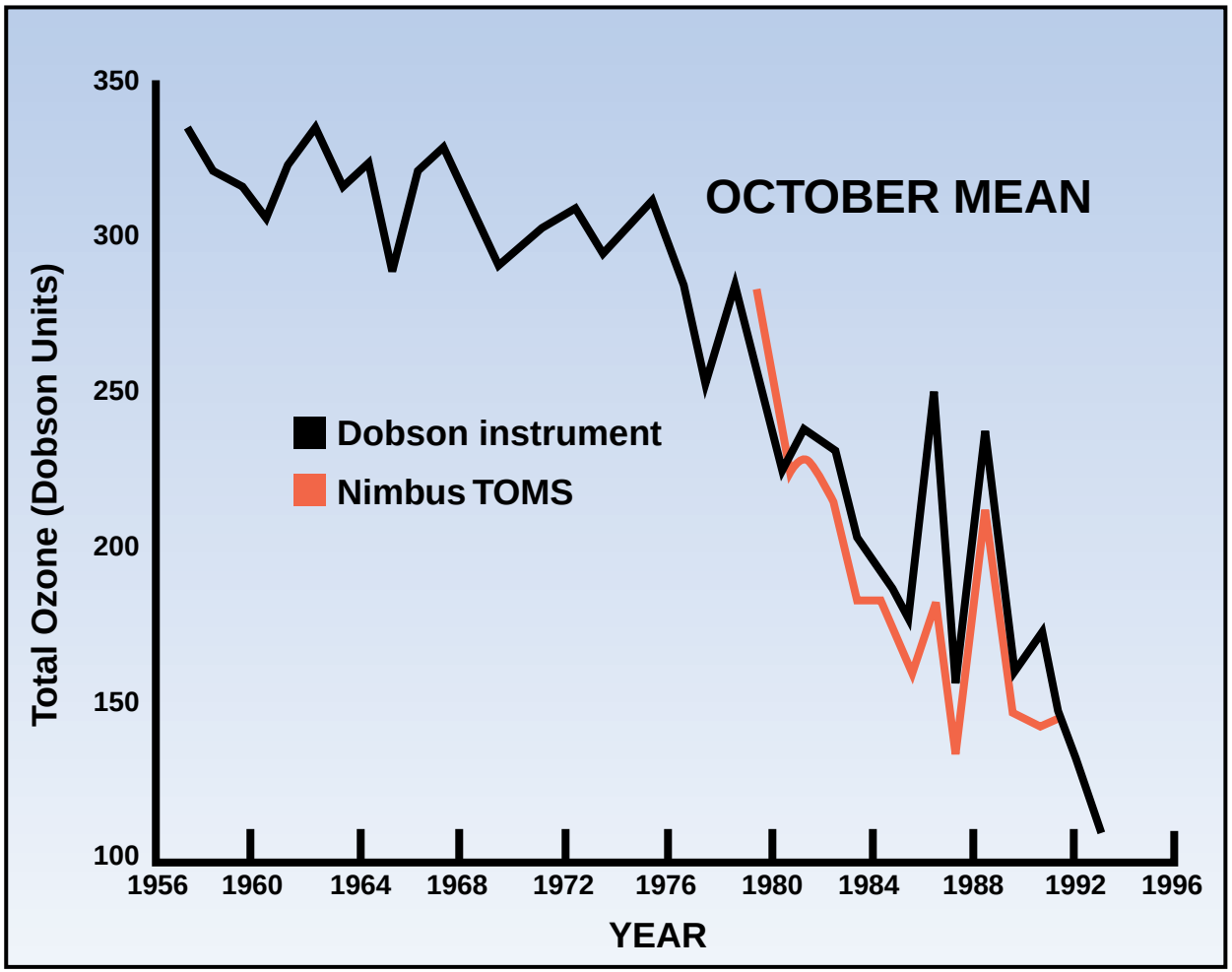
Leaf Area Index



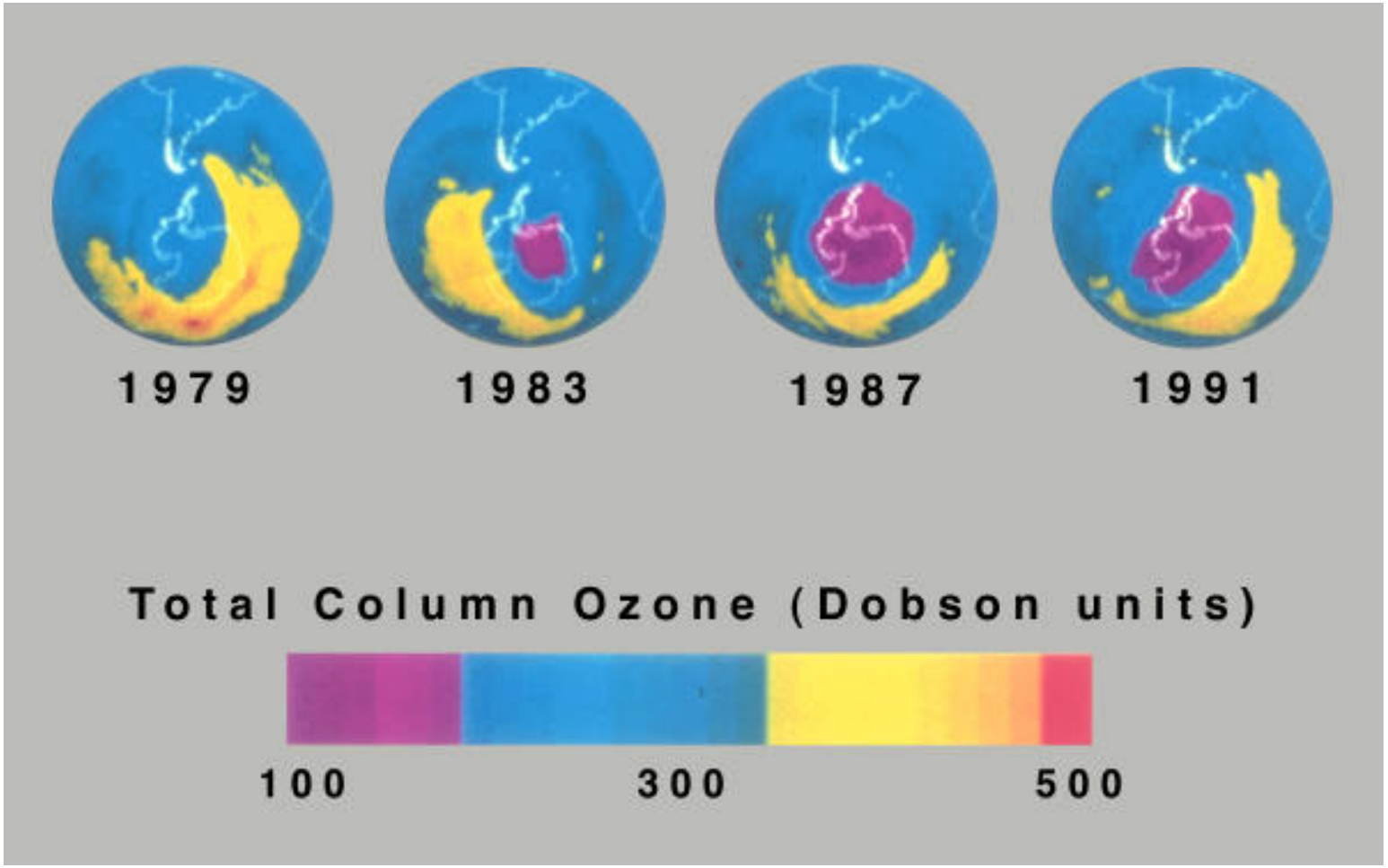
Photosynthesis



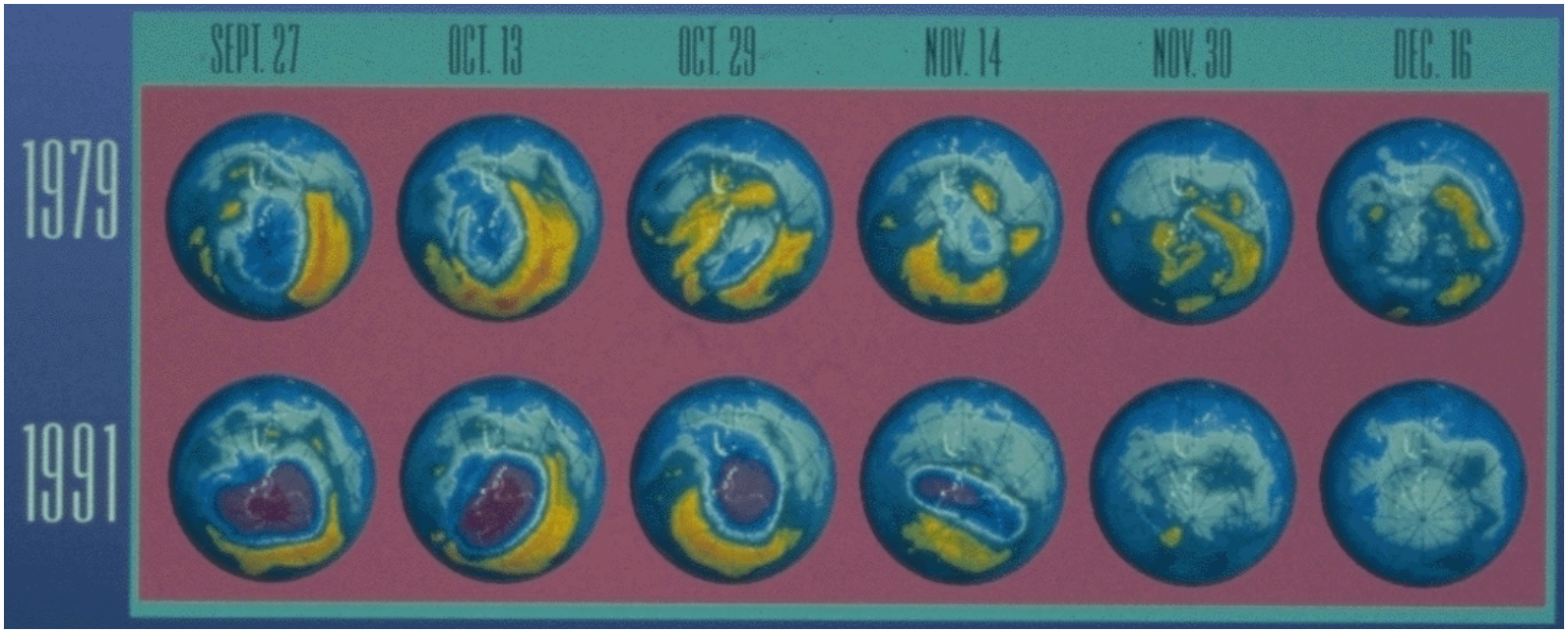
Ozone Depletion Curve



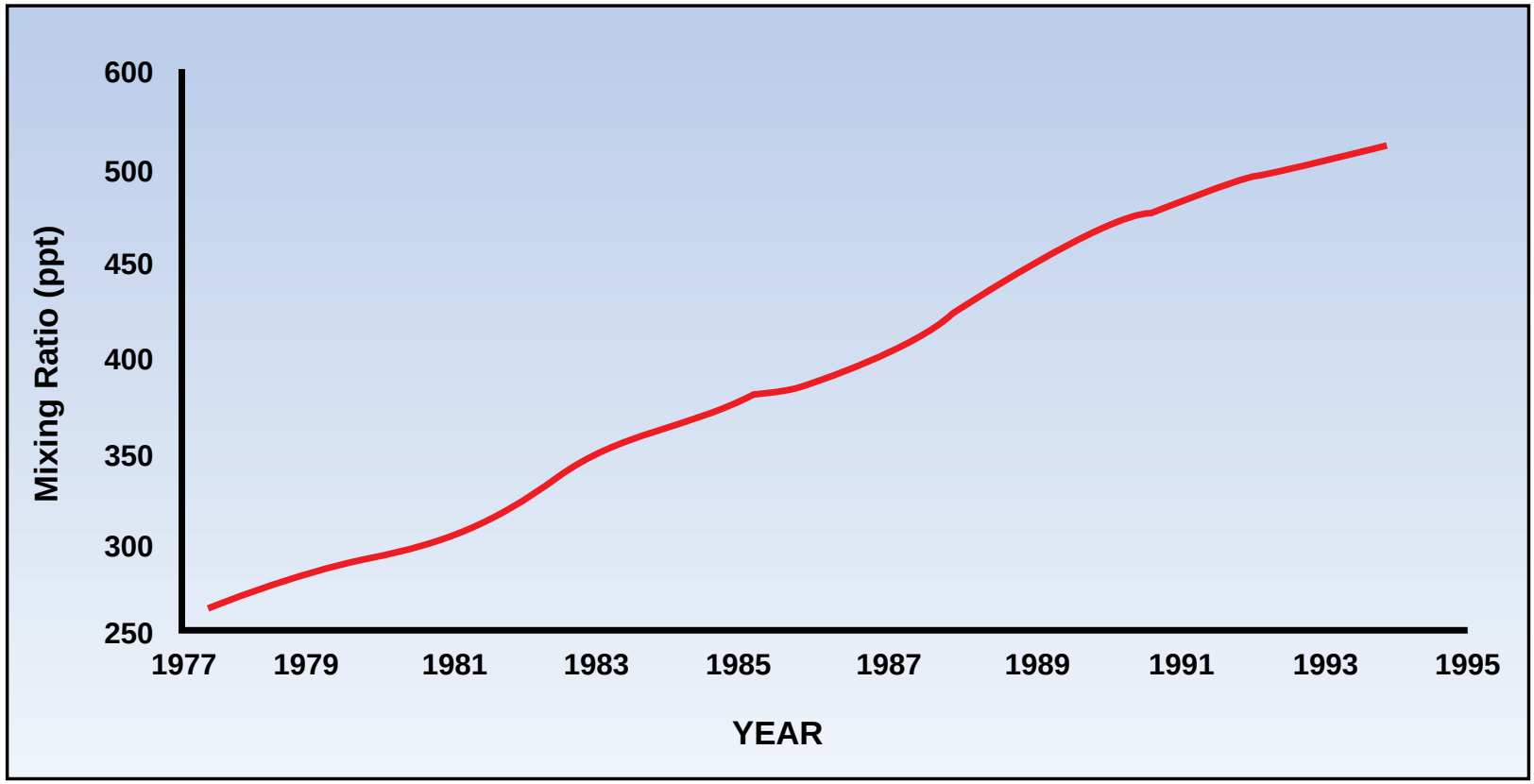
Ozone Hole


1979
1983
1987
1991
Total Column Ozone (Dobson units)
100
300
500

Seasonal Depletion Over Antarctica



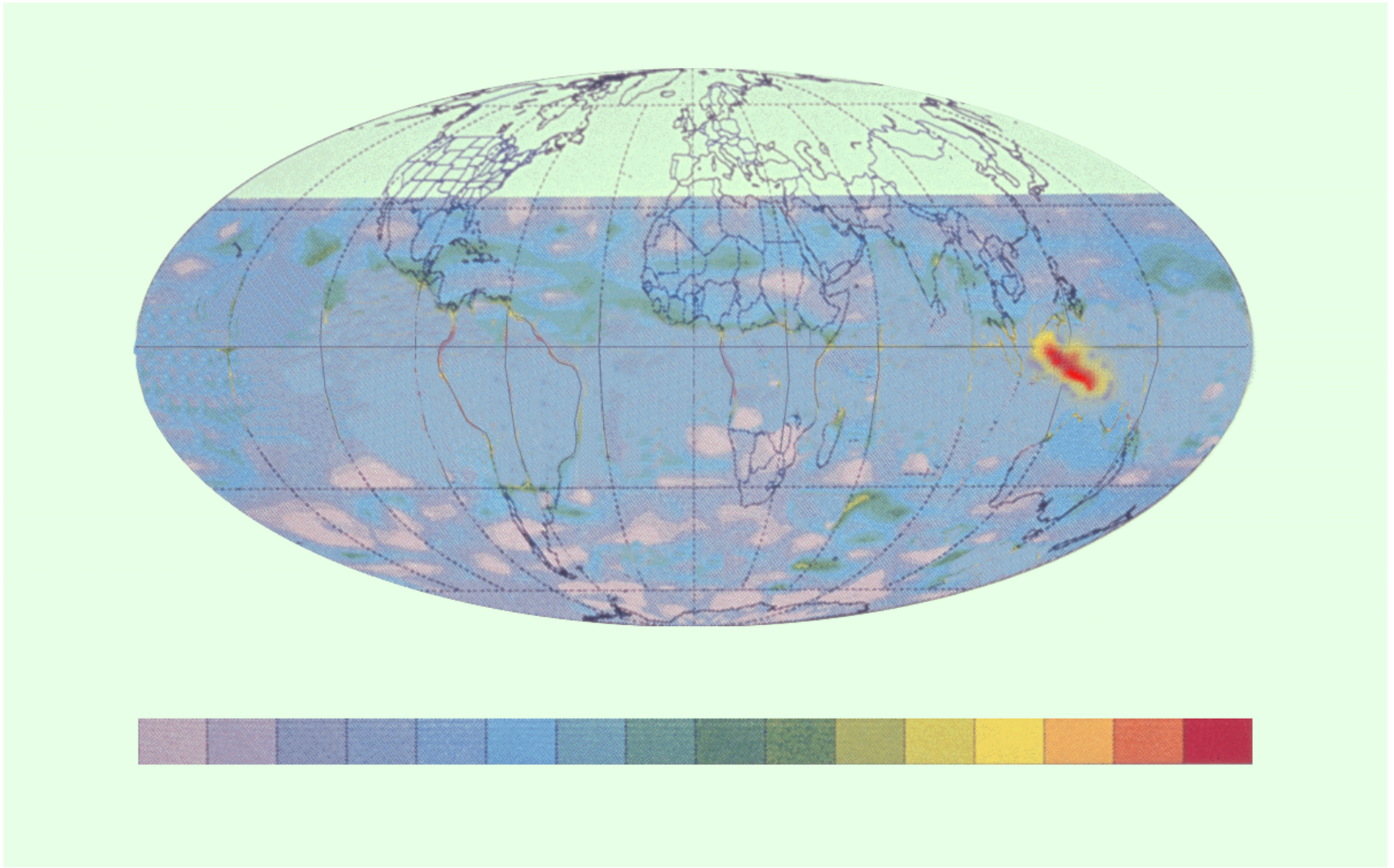
Chlorofluorocarbons (CFC's)



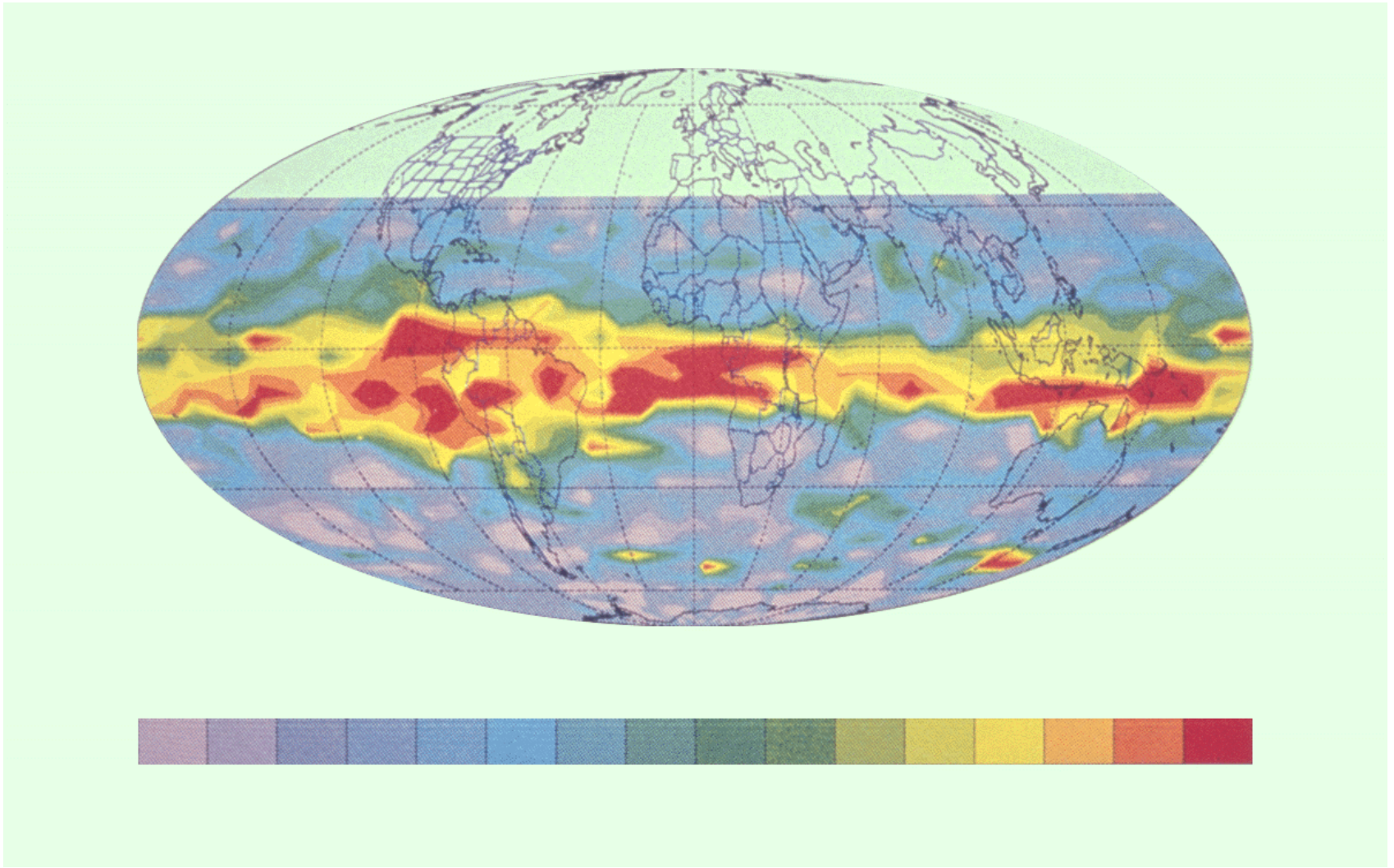
Eruption of Mount Pinatubo

June 12, 1991

Volcanic Emissions - Pinatubo

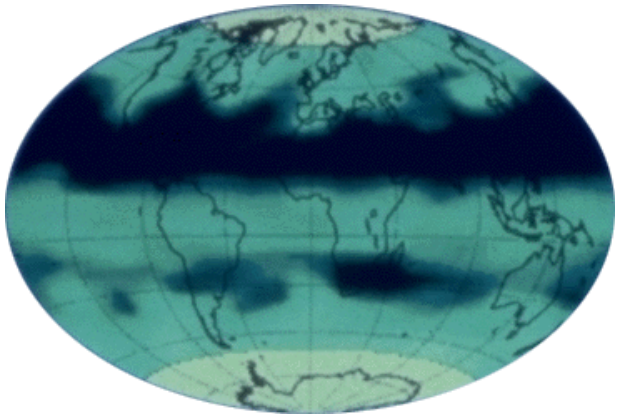


Volcanic Emissions - Pinatubo

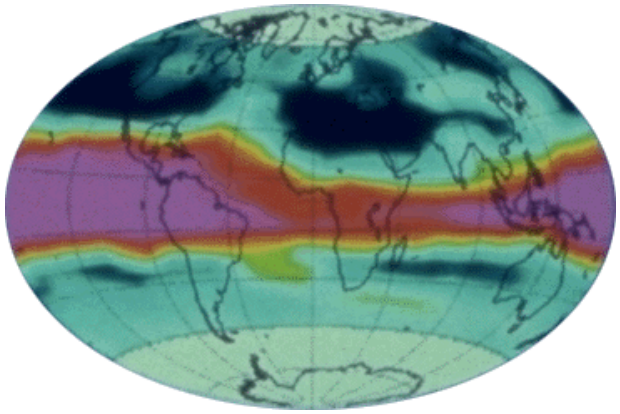


Spread of Pinatubo Aerosols

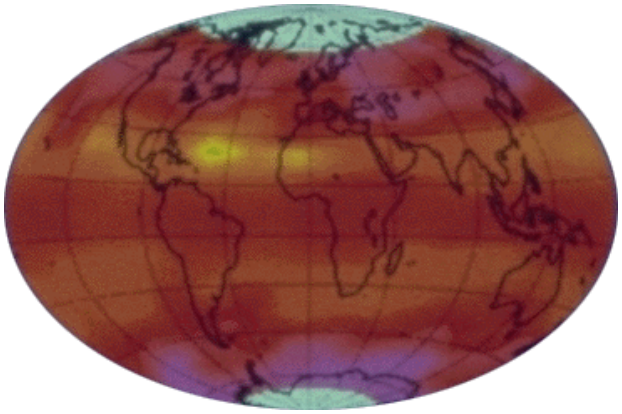
Before



During



After



Pinatubo Aerosol Layer