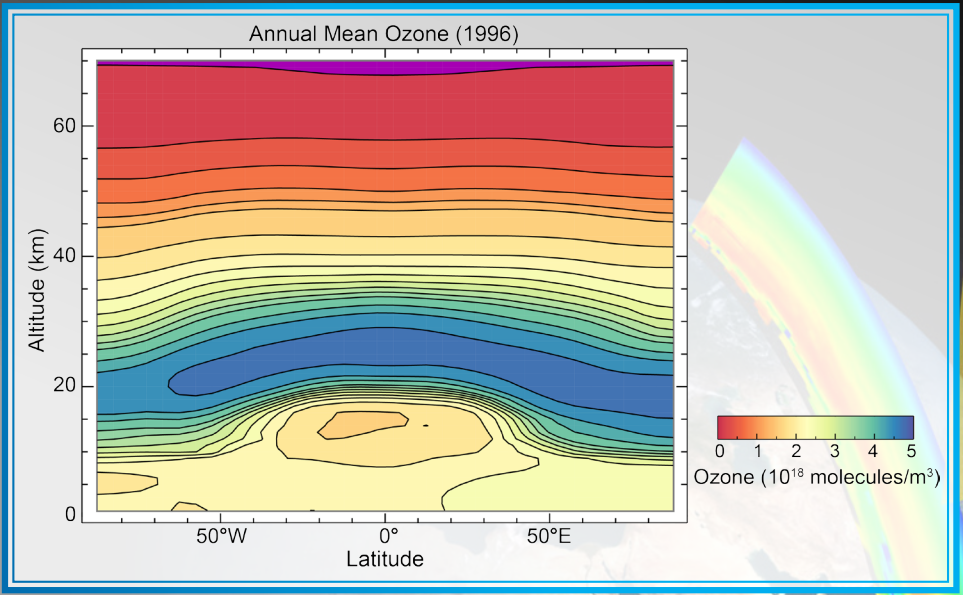
NOAA's Climate Data Record (CDR) Program

Ozone-Earth System Research Lab

Ozone-ESRL



Ozone-ESRL Climate Data Record Specifications

- Global Coverage
- Zonal Mean
- 5° Latitude Bands
- Monthly Product
- 1979–2007

Inputs to the *Ozone-ESRL* Climate Data Record

- Stratospheric Aerosol and Gas Experiment I: SAGE I
- Stratospheric Aerosol and Gas Experiment II: SAGE II
- Halogen Occultation Experiment: HALOE
- Polar Ozone and Aerosol Measurement II: POAM II
- Polar Ozone and Aerosol Measurement III: POAM III
- Improved Limb Array Spectrometer: ILAS
- Improved Limb Array Spectrometer II: ILAS II
- Limb Infrared Monitor of the Stratosphere: LIMS
- Ozonesondes

Some Uses of the *Ozone-ESRL* Climate Data Record

- Montreal Protocol-Ozone Hole Analysis
- Model Initialization and Validation
- Health Impact Assessments
- Climate-Model Boundary Conditions
- Stratospheric Ozone Process Studies

Ozone-ESRL Climate Data Record

http://www.ncdc.noaa.gov/cdr/operationalcdrs.html

Climate Data Record Program Information

http://www.ncdc.noaa.gov/cdr/index.html