Impact of the Montreal Protocol: Does Stratospheric Ozone Data Confirm Model Predictions?
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How well did the CCMVal2 models describe total ozone magnitude, seasonality, and sensitivity to chlorine?

Can the pattern of ozone change in the stratosphere be used to determine the model-predicted speedup of the BD circulation?

Expected Pattern for GHG Impact on Ozone

What we see in SBUV Data

Upper Stratosphere (16-1 hPa)

Lower Stratosphere/Troposphere (1000-16 hPa)

Summary: Circulation Change Detection

Summary: Recovery Pattern Detection

How well have the projections made with our CTM in 2006 held up in the face of 10 more years of data?

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