#### **ESRL Theme Presentation on the Weather-Climate Connection**

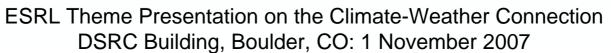
# Ozone Trends in Eastern Pacific Troposphere: Effect of Interannual Meteorological Variability?

#### David Parrish<sup>1</sup>

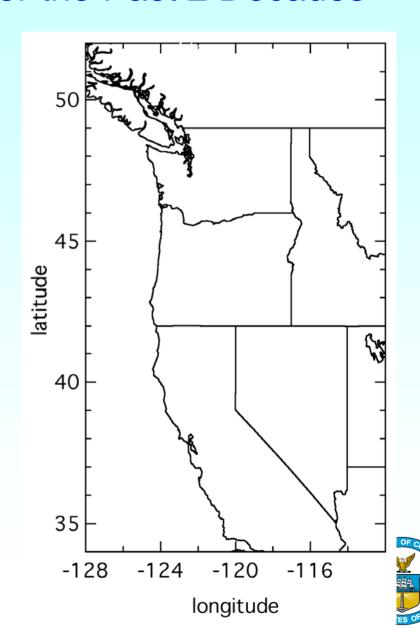
<sup>1</sup>NOAA/Earth System Research Lab./Chemical Sciences Div., Boulder, CO



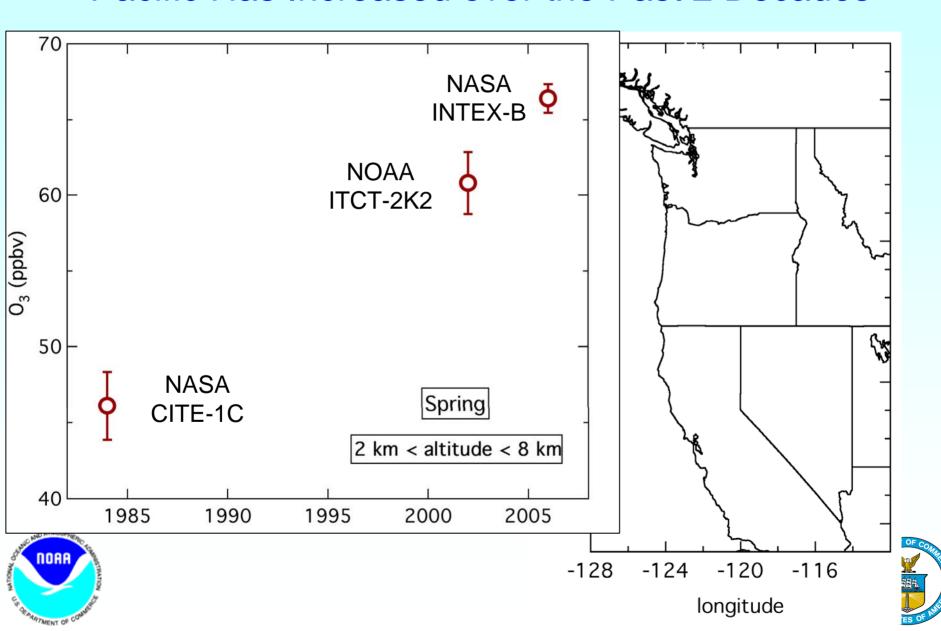
#### Presented at:

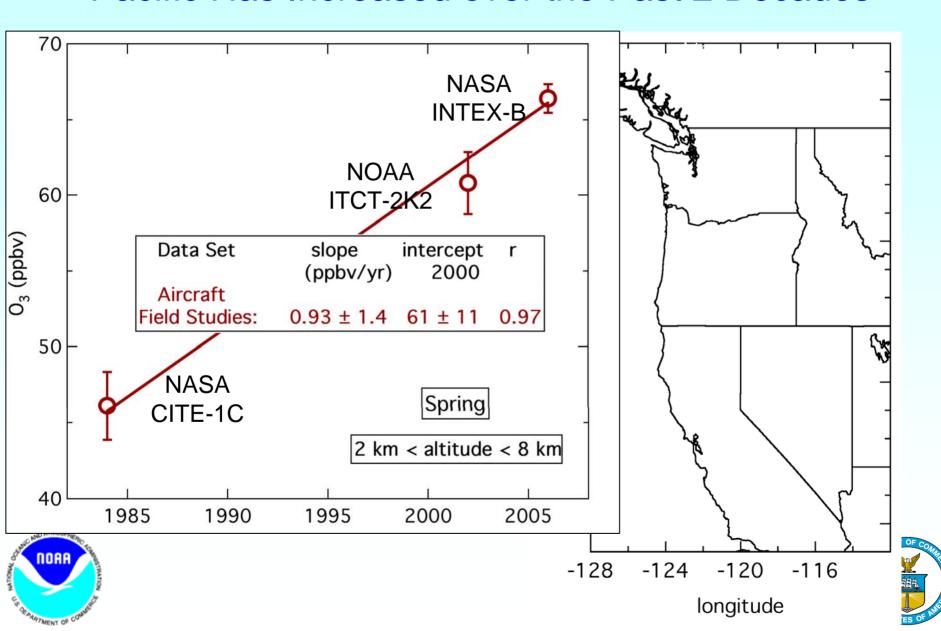










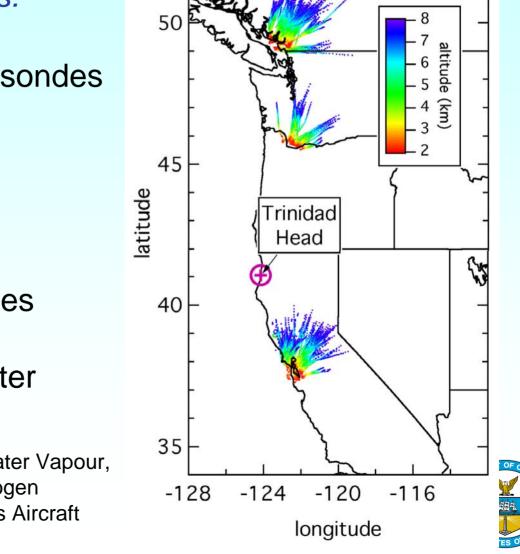


#### Examine 2 other data sets:

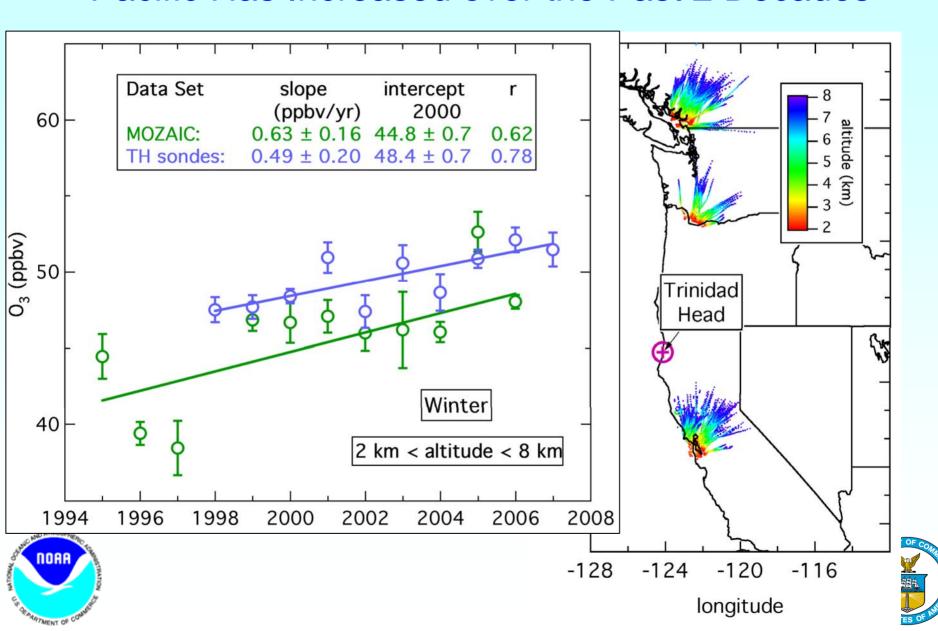
Trinidad Head Ozone sondes Sam Oltmans NOAA/ESRL/GMD 1998 to present Generally weekly

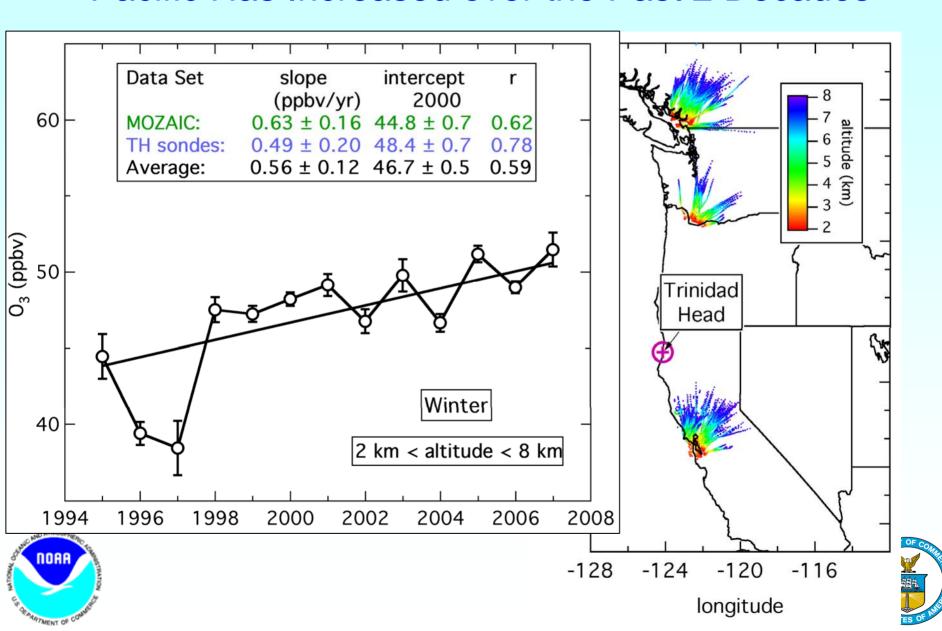
MOZAIC\* aircraft profiles 1995 to present avg. 10/month in winter

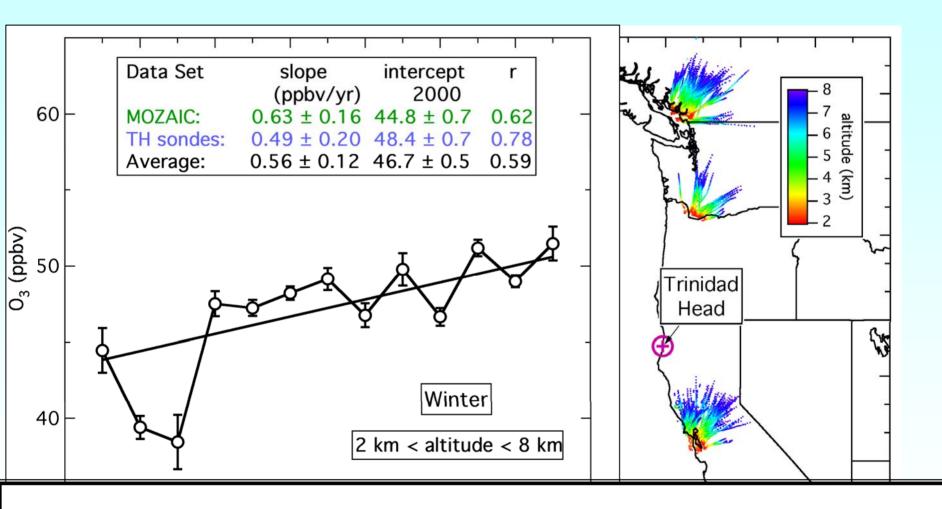
\*Measurements of Ozone, Water Vapour, Carbon Monoxide and Nitrogen Oxides by In-Service Airbus Aircraft











Can Interannual Meteorological Variability Explain Some of the Variance and/or the Cause of the Trend?

WENT OF U

ES U