

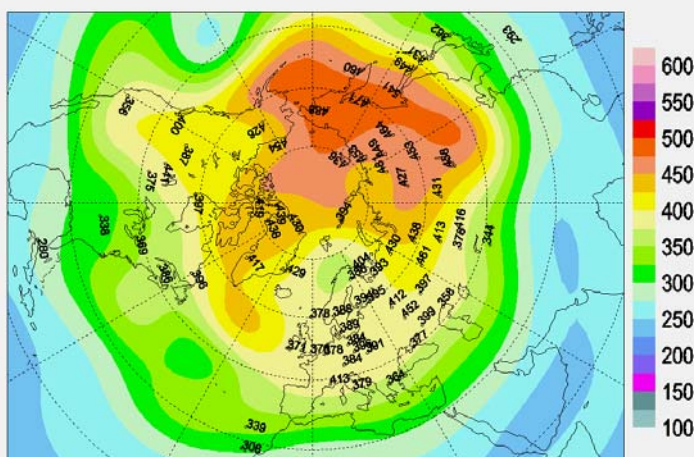
WMO Northern Hemisphere Ozone Mapping Center

Monthly report

April 2010

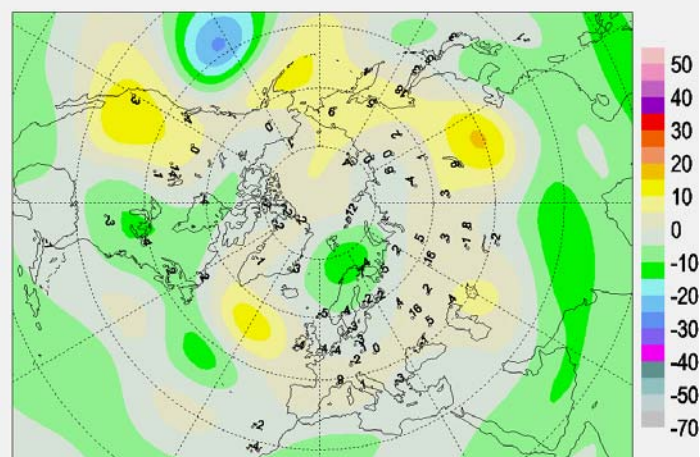
In April there were not great ozone fluctuations over the Arctic Ocean (from -5% to 5%). The first 10 days were characterized by low ozone values (-20%) over Scandinavia and the North East Pacific Ocean and by ozone abundances of about 20% over Alaska, Bering Sea, China and Mongolia. This spatial ozone pattern preserved during the second 10day period of this month but with slightly greater ozone deviations (up to $\pm 25\%$). During the last 10 days, ozone deficiency of around 20% was detected over Canada and ozone abundance up to 25% was observed over the North West Pacific Ocean and China.

Total Ozone (D.U.) for April 2010



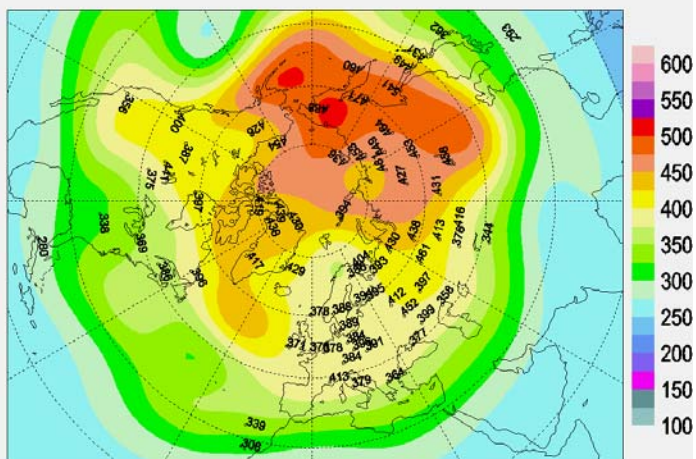
WMO-GOME-2 Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for April 2010



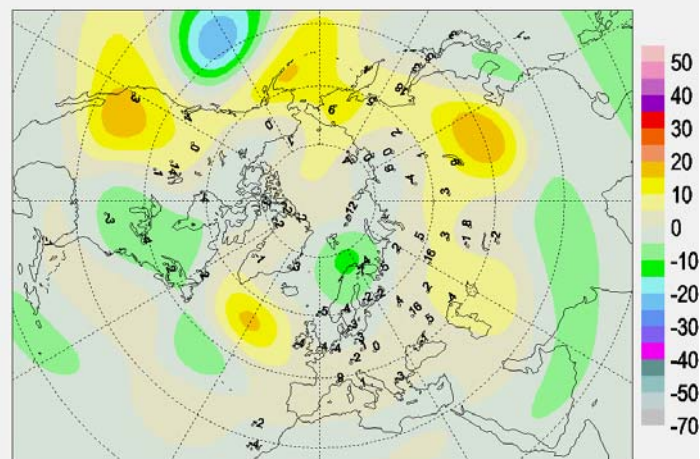
WMO-GOME-2 Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone (D.U.) for April 2010



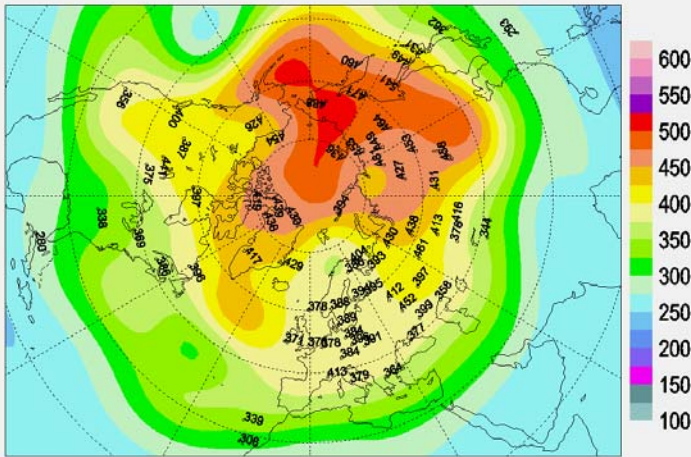
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for April 2010



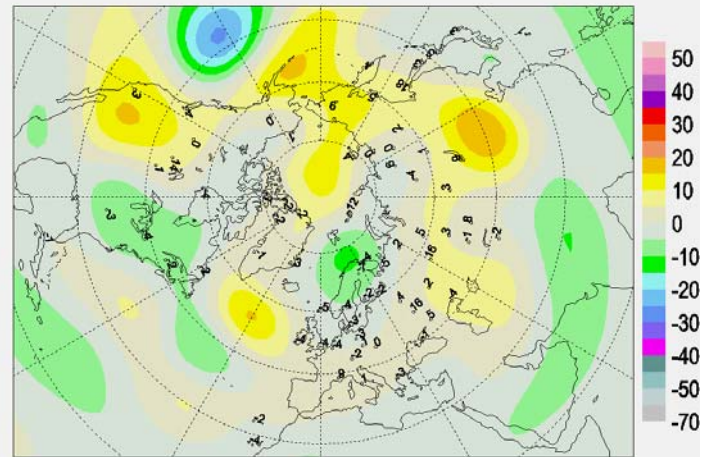
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone (D.U.) for April 2010



WMO-SCIA Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for April 2010

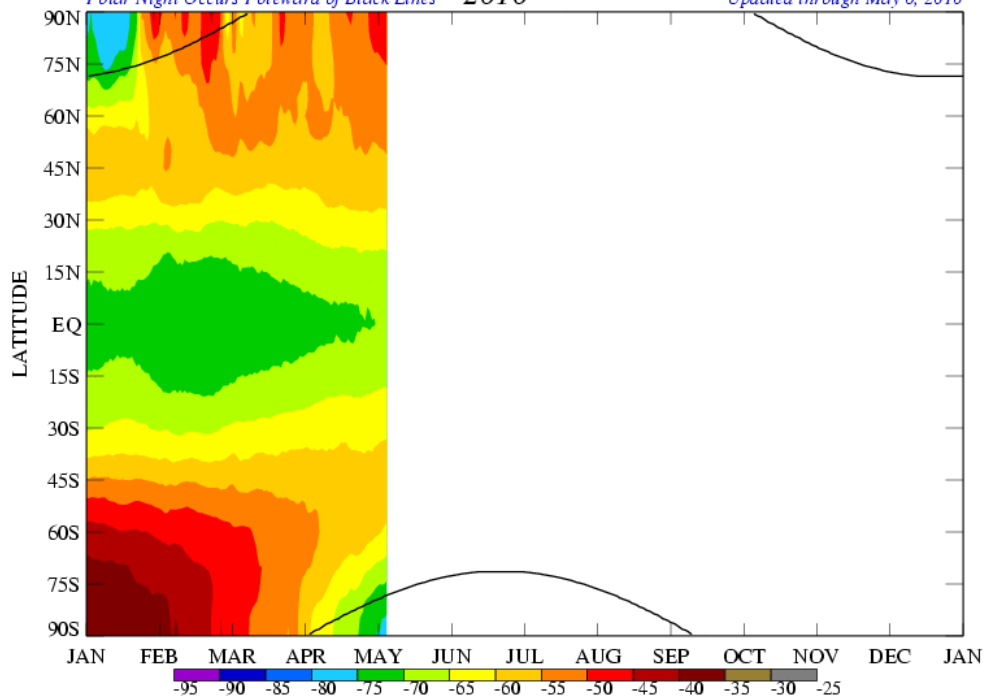


WMO-SCIA Daily Ozone Maps LAP-AUTH-GR 2010

ZONAL MEAN TEMPERATURES at 50 mb

Polar Night Occurs Poleward of Black Lines 2010

Updated through May 6, 2010



Courtesy of NOAA available at:

<http://www.cpc.ncep.noaa.gov/products/stratosphere/polar/polar.shtml>