

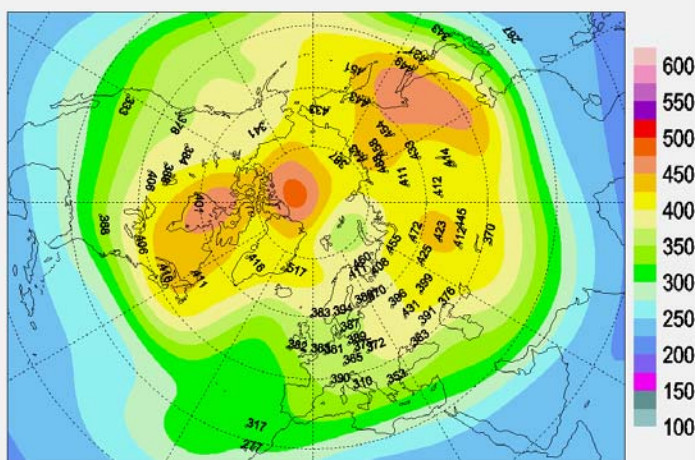
WMO Northern Hemisphere Ozone Mapping Center

Monthly report

February 2010

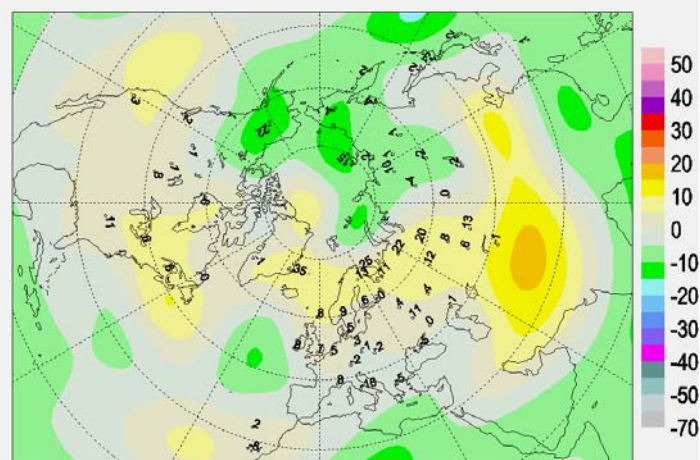
The total ozone departures ranged between -15% and 15% on average over the Northern Hemisphere in February 2010. The first 10day period showed ozone deficiency around 20% over the North Atlantic Ocean and ozone surplus up to 30% over East Europe, Middle East and the biggest part of Asia. During the next 10 days the magnitude of ozone destruction over East Canada and Balkan Peninsula reached 30%, while the ozone abundance was about 40% over the Greenland and Norwegian Sea. The latter pattern preserved until the end of this month and expanded over Scandinavia and Siberia. The excess of the total ozone amounts detected over these regions was more than 45%.

Total Ozone (D.U.) for February 2010



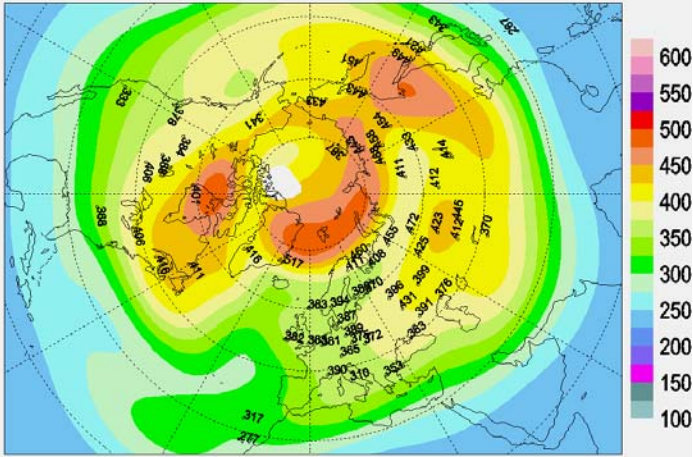
WMO-GOME-2 Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for February 2010



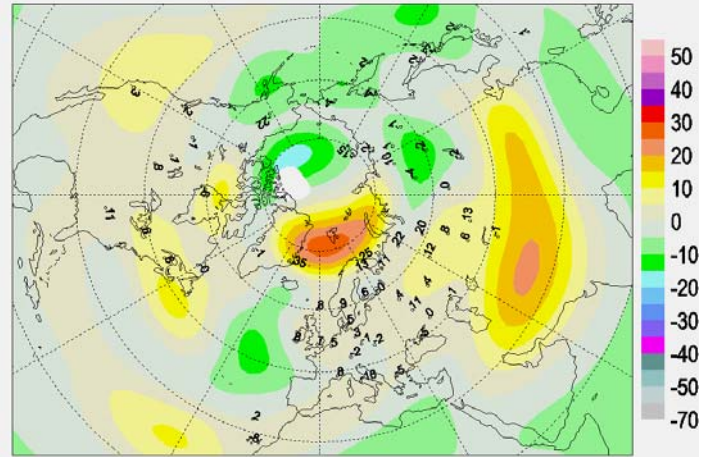
WMO-GOME-2 Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone (D.U.) for February 2010



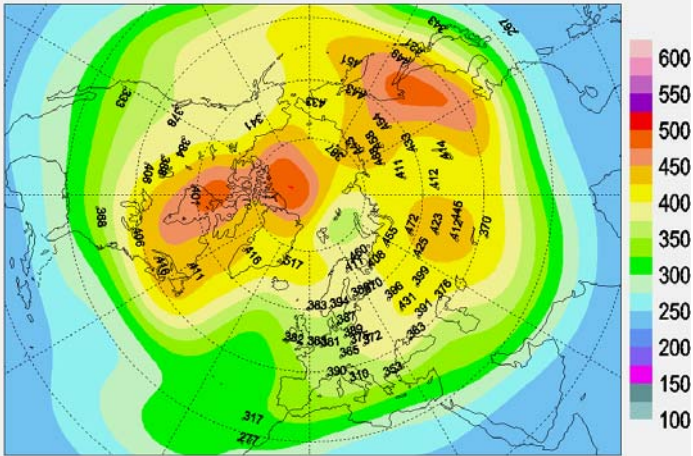
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for February 2010



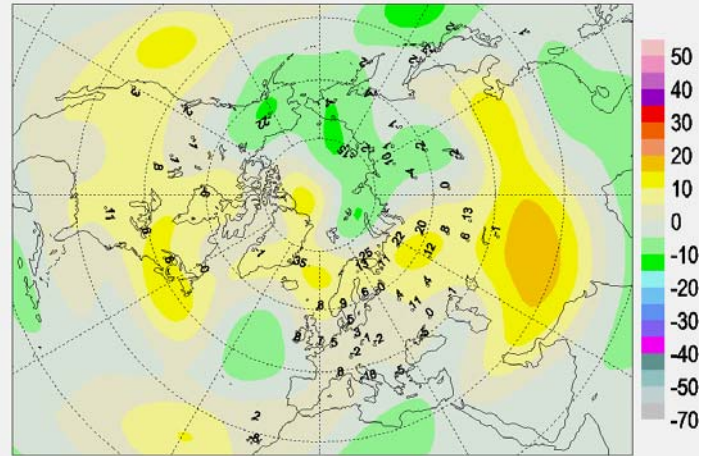
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone (D.U.) for February 2010

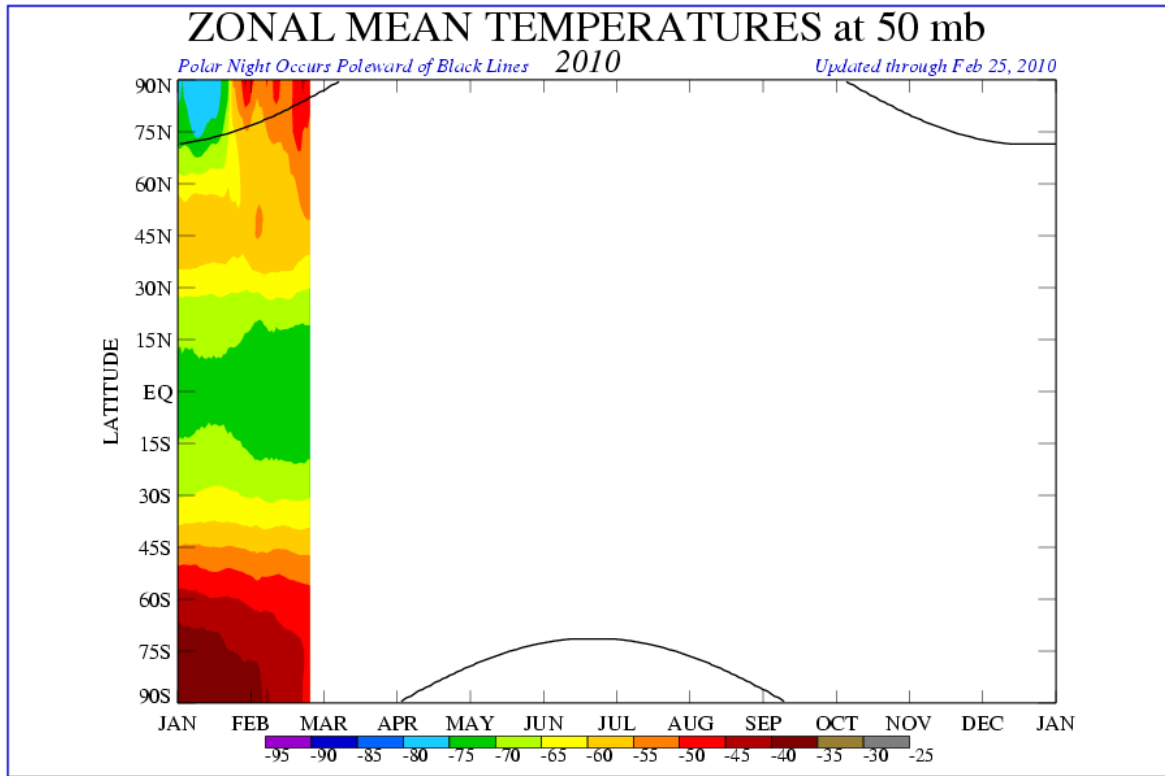


WMO-SCIA Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for February 2010



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



Courtesy of NOAA available at:

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