

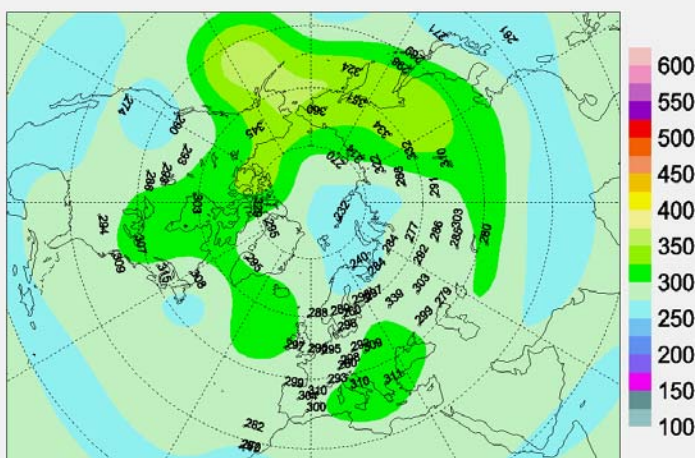
# WMO Northern Hemisphere Ozone Mapping Center

## Monthly report

October 2010

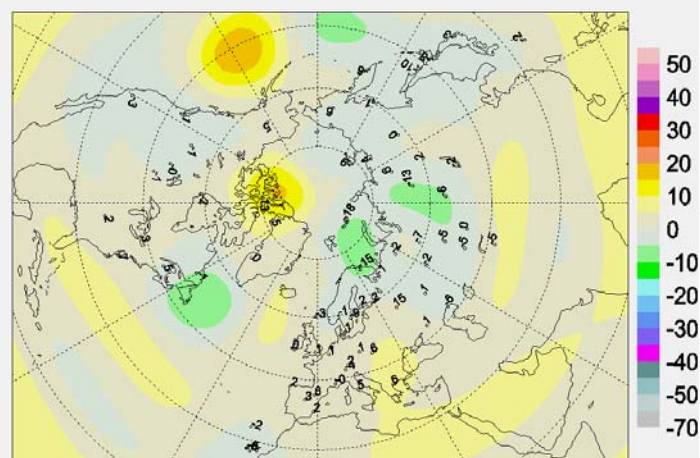
In October, there were not remarkable total ozone deficiencies except for an ozone destruction of about 20% below the normal values detected over Japan and Bering Sea during the second half of the month. The first 10day period showed ozone abundances up to 30% over the North Pacific Ocean, North Canada, and Alaska Bay. This ozone surplus preserved in the second 10day period, while total ozone departures of -15 % were observed over Scandinavia and U.K.. At the end of this month high ozone values, up to 30% above the long term mean, were noticed over North Canada, Greenland and the Arctic region.

Total Ozone (D.U.) for October 2010



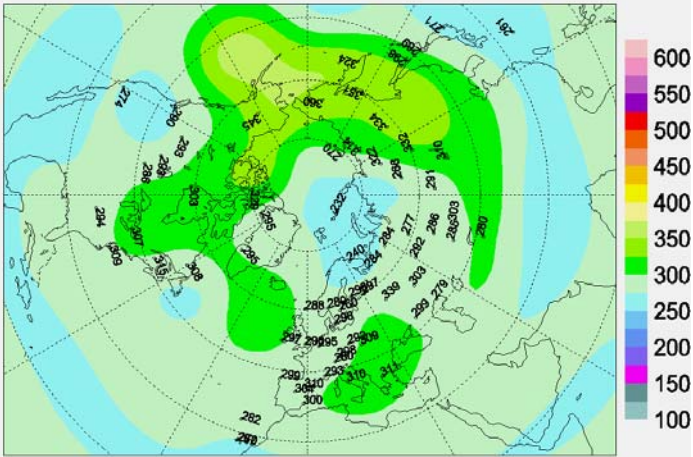
WMO-GOME-2 Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for October 2010



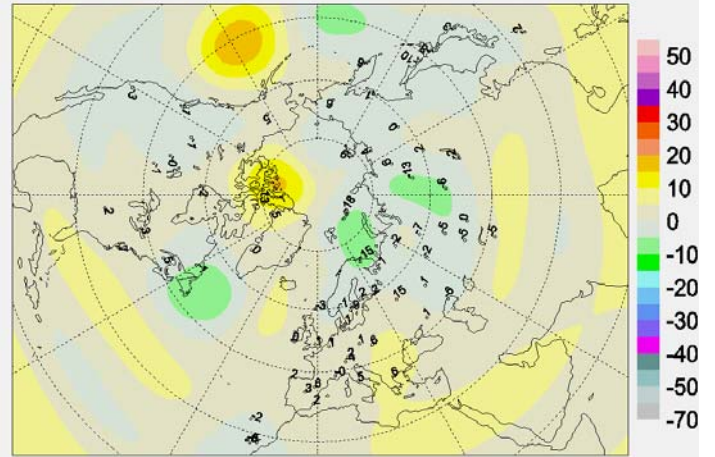
WMO-GOME-2 Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone (D.U.) for October 2010



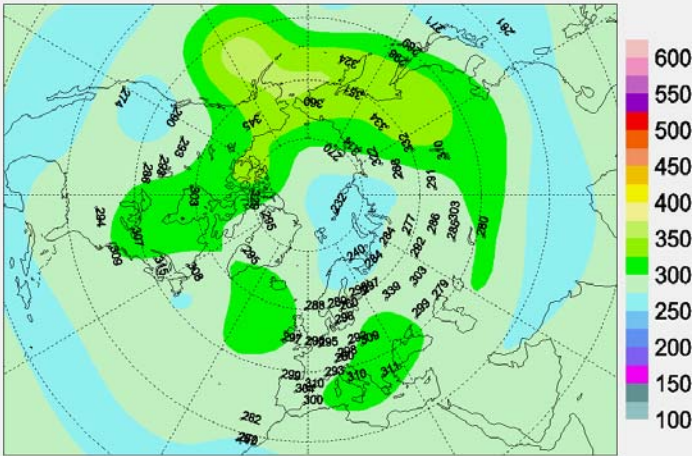
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for October 2010



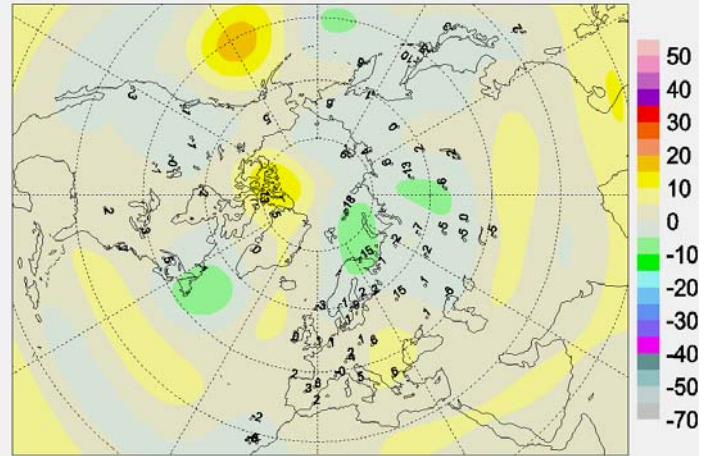
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone (D.U.) for October 2010

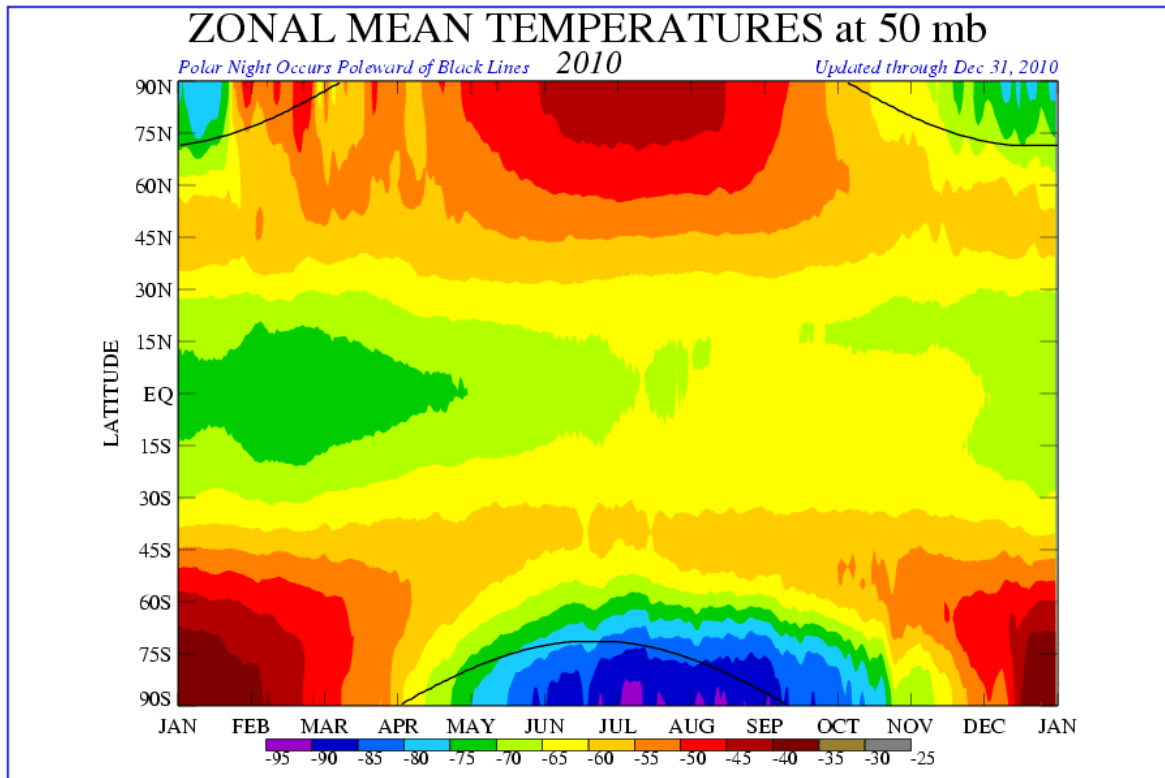


WMO-SCIA Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for October 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>