

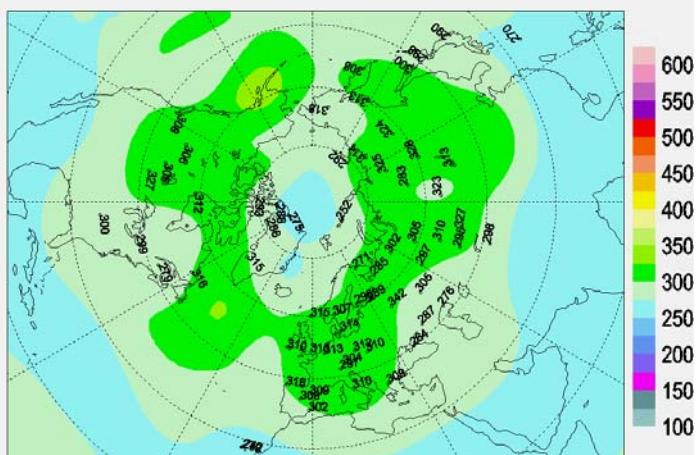
WMO Northern Hemisphere Ozone Mapping Center

Monthly report

September 2010

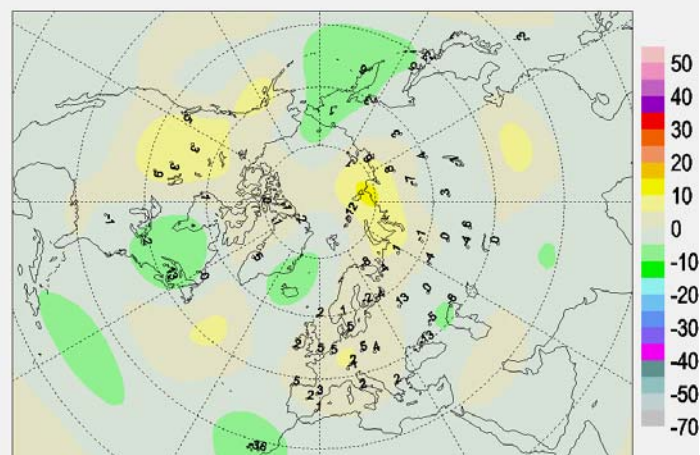
The total ozone deviations varied between -10% and +10% on average over the Northern Hemisphere in April. The most remarkable ozone destruction was detected over Alaska Bay from 13th until 16th of this month and was about 25%. However, great total ozone abundances of around 25% over Scandinavia and Siberia and up to 30% over Arctic were detected during the second and third 10day periods respectively.

Total Ozone (D.U.) for September 2010



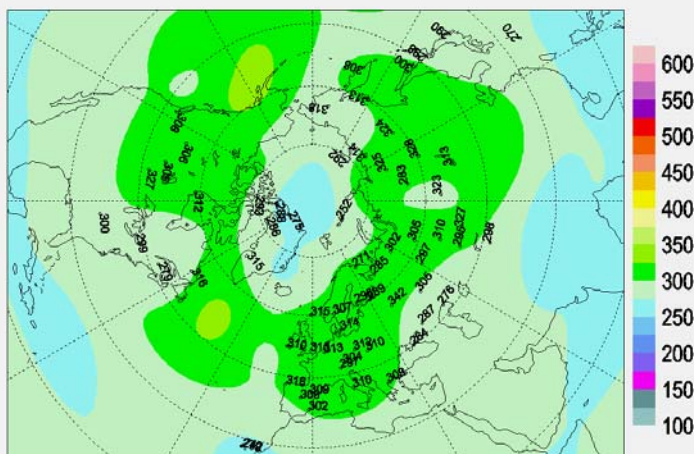
WMO-GOME-2 Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for September 2010



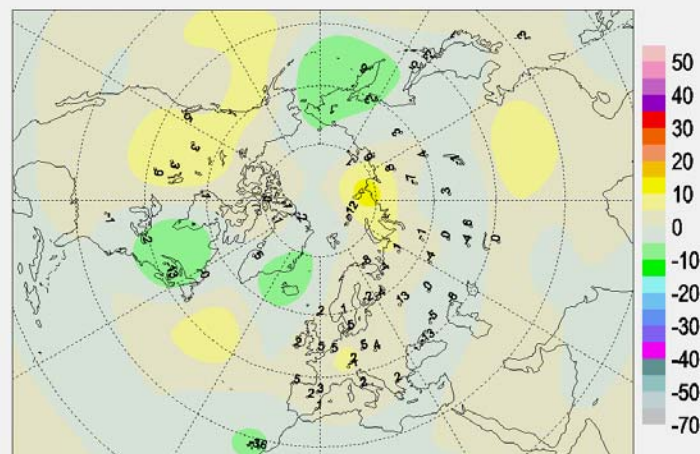
WMO-GOME-2 Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone (D.U.) for September 2010



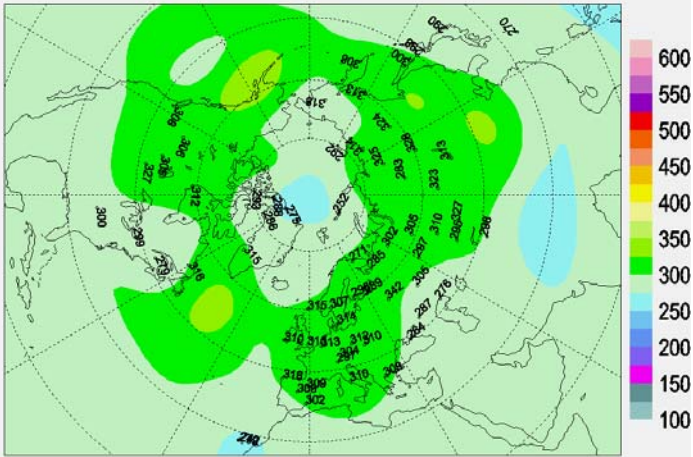
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone Departures (%) for September 2010



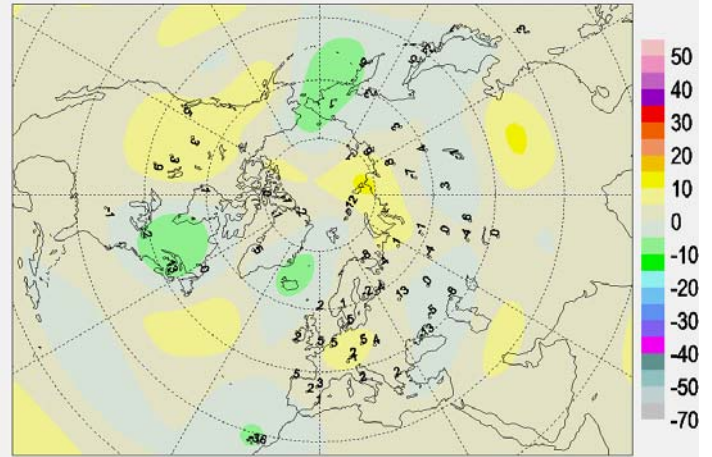
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010

Total Ozone (D.U.) for September 2010



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

Total Ozone Departures (%) for September 2010

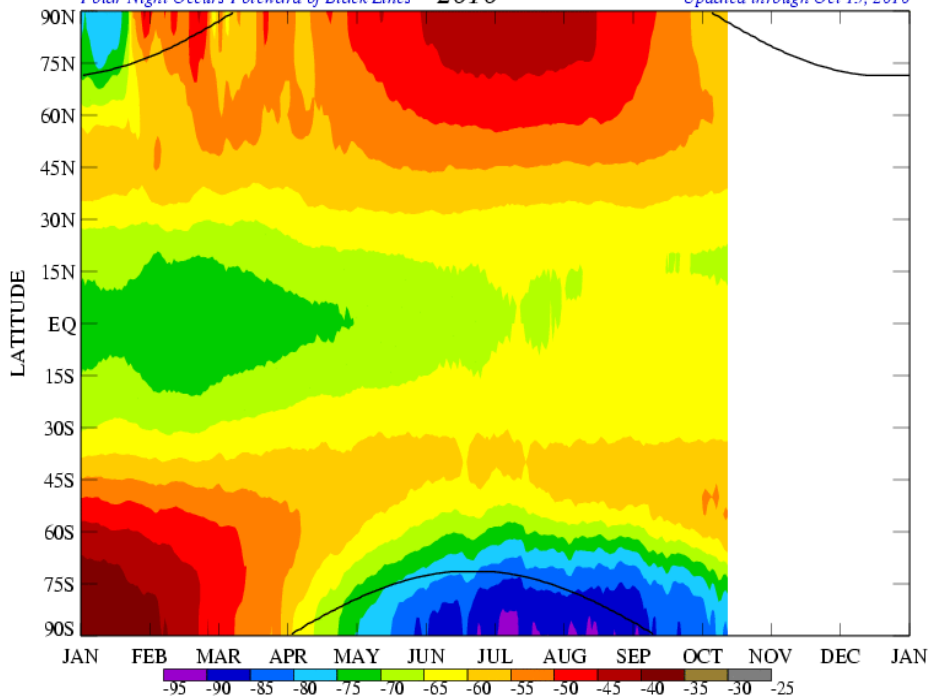


WMO-SCIA Daily Ozone Maps LAP-AUTH-GR 2010

ZONAL MEAN TEMPERATURES at 50 mb

Polar Night Occurs Poleward of Black Lines 2010

Updated through Oct 13, 2010



Courtesy of NOAA available at:

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