

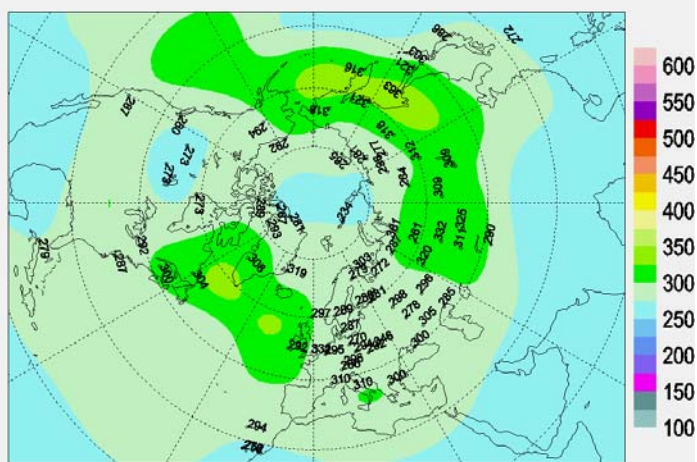
WMO Northern Hemisphere Ozone Mapping Center

Monthly report

September 2009

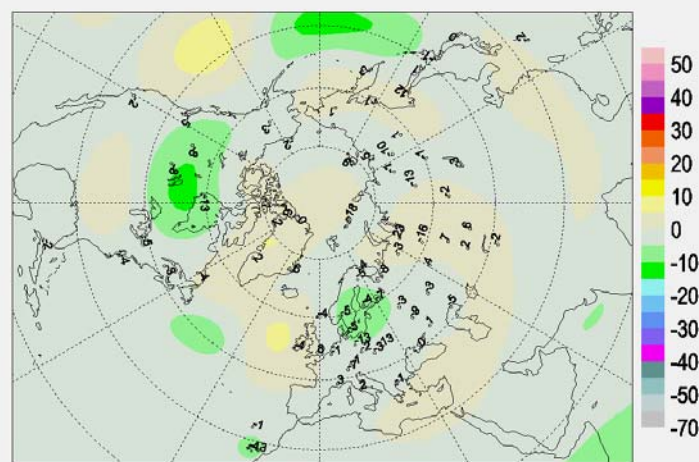
This month's ozone deficiencies ranged between -5% and 5% over the Arctic region, while over Scandinavia and North Pacific Ocean the ozone destruction reached -15%. During the three 10days periods the above negative ozone deviations persevered at these places and expanded over the Bering Sea and North Pacific Ocean throughout the second 10day period. During the last 10day period an ozone abundance of 10% over Alaska and Middle East was detected.

Total Ozone (D.U.) for September 2009



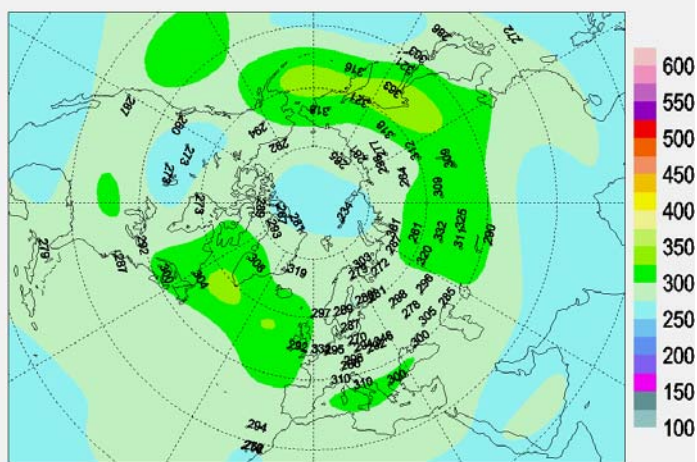
WMO-GOME-2 Daily Ozone Maps LAP-AUTH-GR 2009

Total Ozone Departures (%) for September 2009



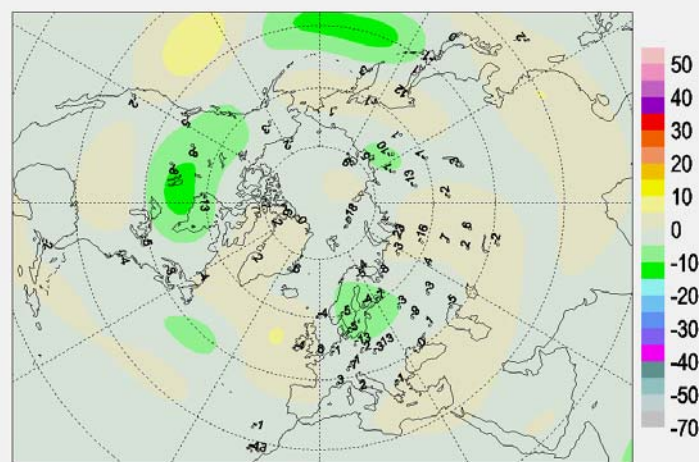
WMO-GOME-2 Daily Ozone Maps LAP-AUTH-GR 2009

Total Ozone (D.U.) for September 2009



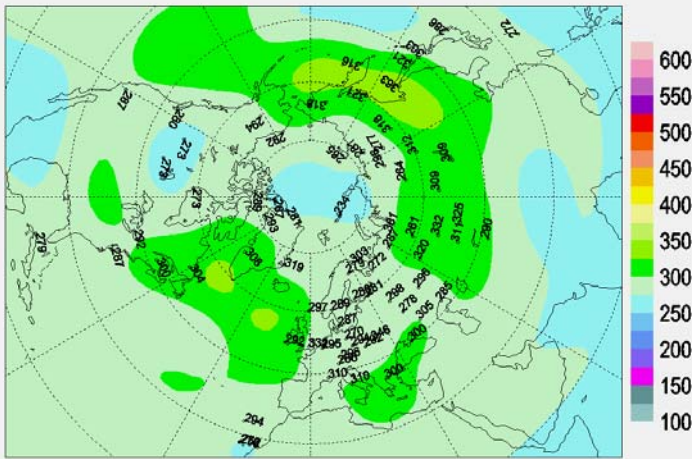
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2009

Total Ozone Departures (%) for September 2009



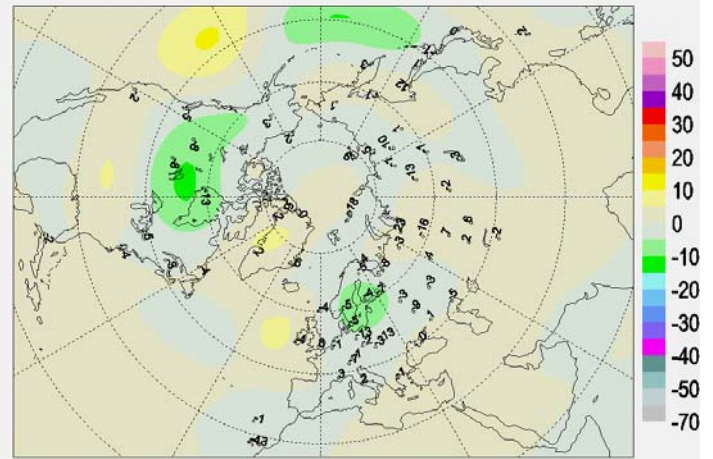
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2009

Total Ozone (D.U.) for September 2009



WMO-SCIA Daily Ozone Maps LAP-AUTH-GR 2009

Total Ozone Departures (%) for September 2009

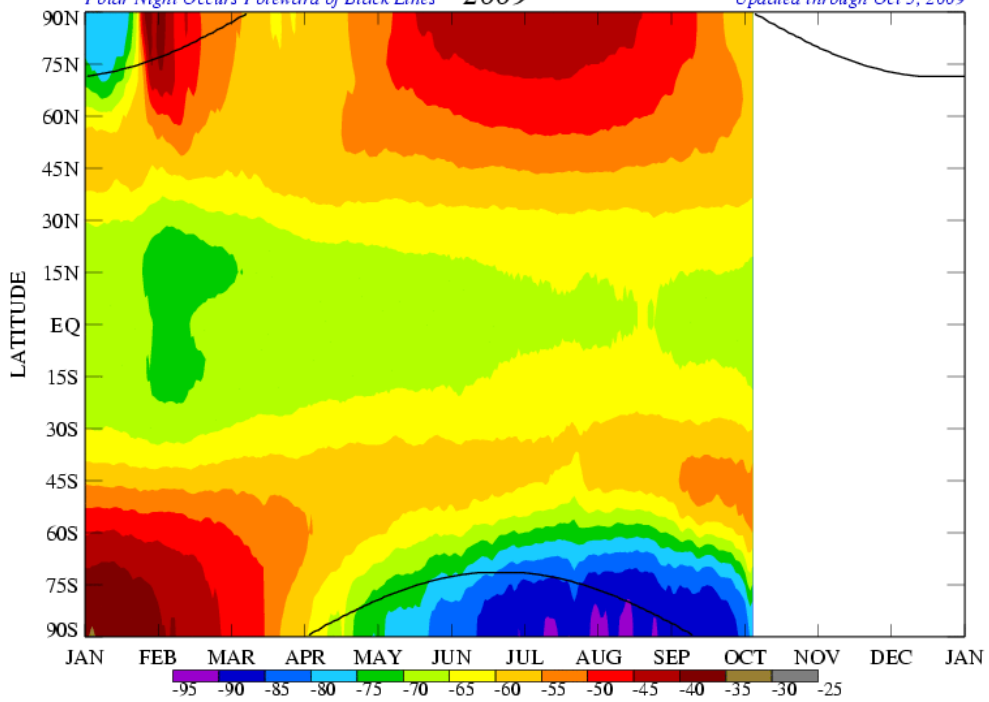


WMO-SCIA Daily Ozone Maps LAP-AUTH-GR 2009

ZONAL MEAN TEMPERATURES at 50 mb

Polar Night Occurs Poleward of Black Lines 2009

Updated through Oct 5, 2009



Courtesy of NOAA available at:

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