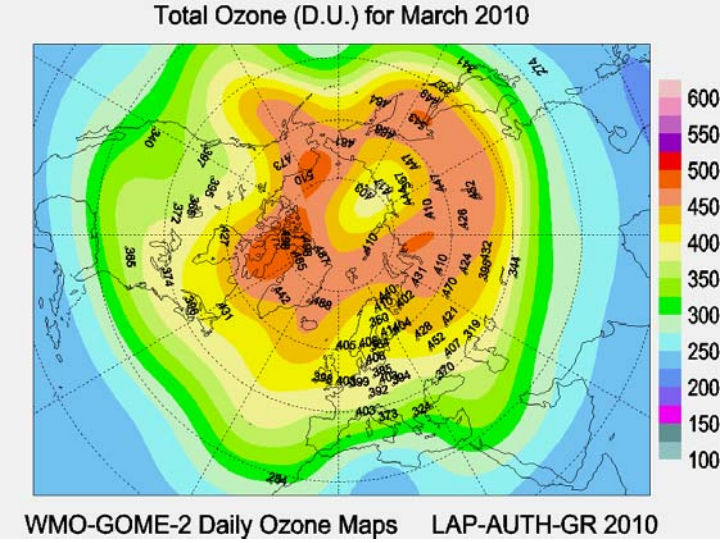
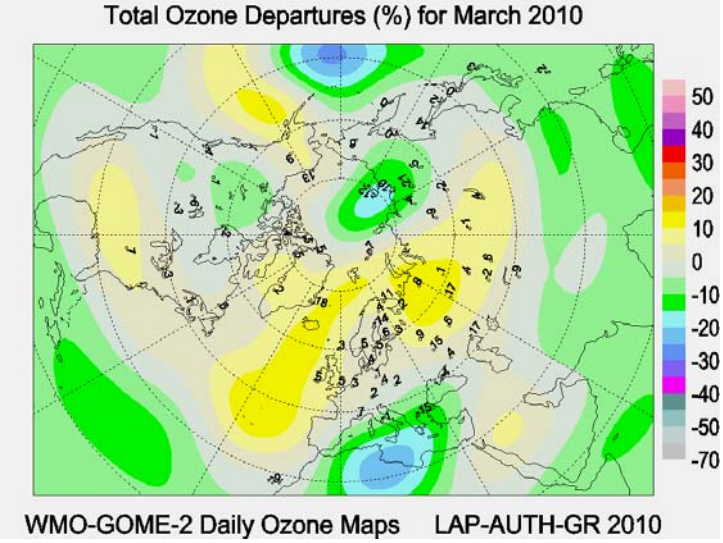
WMO Northern Hemisphere Ozone Mapping Center

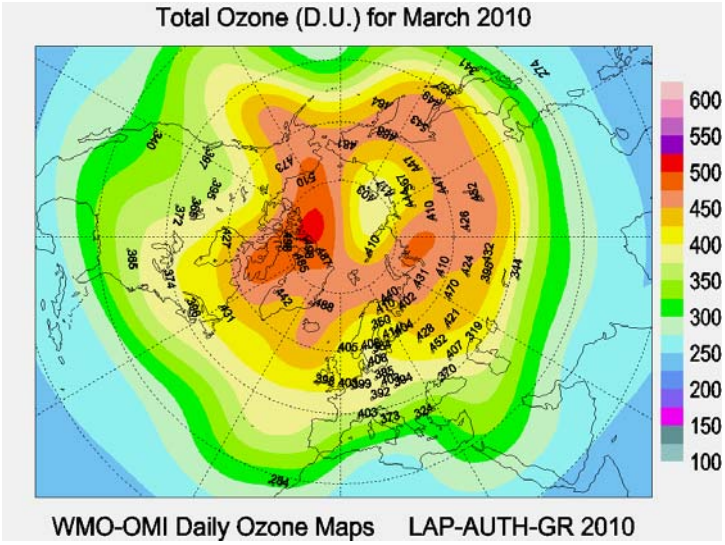
Monthly report

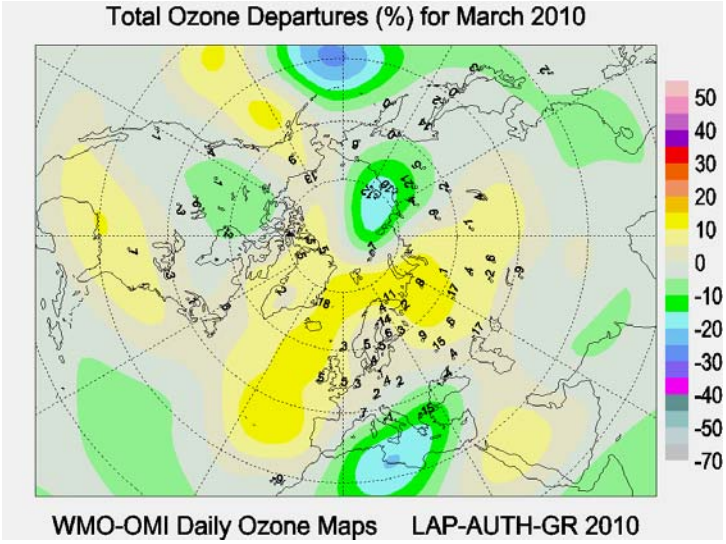
March 2010

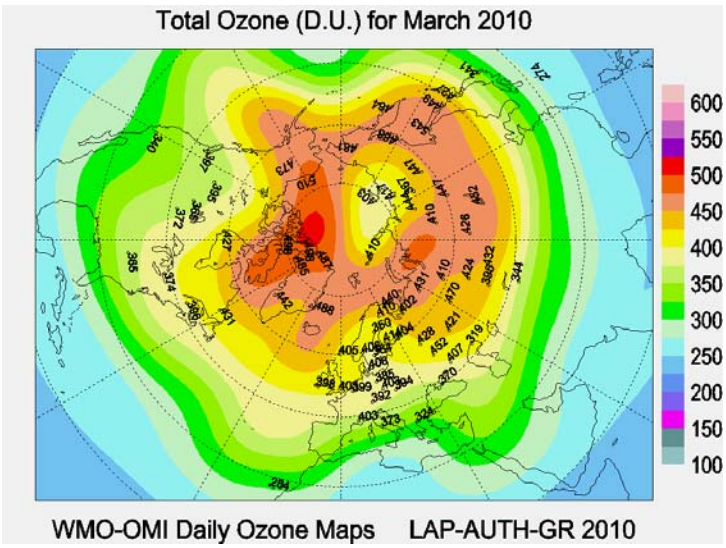
The total ozone departures varied from -15% to 15% over the Arctic region. In the first 10day period an ozone surplus up to 40% was observed over Scandinavia, Great Britain and Greenland, whereas the ozone destruction over the Mediterranean reached 30% below the long term mean. Such low ozone values were detected over Siberia during the next 10 days. Ozone over-abundances of around 30% were also noticeable over Alaska Bay and Scandinavia during this period. The last 10 days are characterized by total ozone deviations of about -10%, -15% and -20% over Europe, central Asia and Scandinavia respectively.

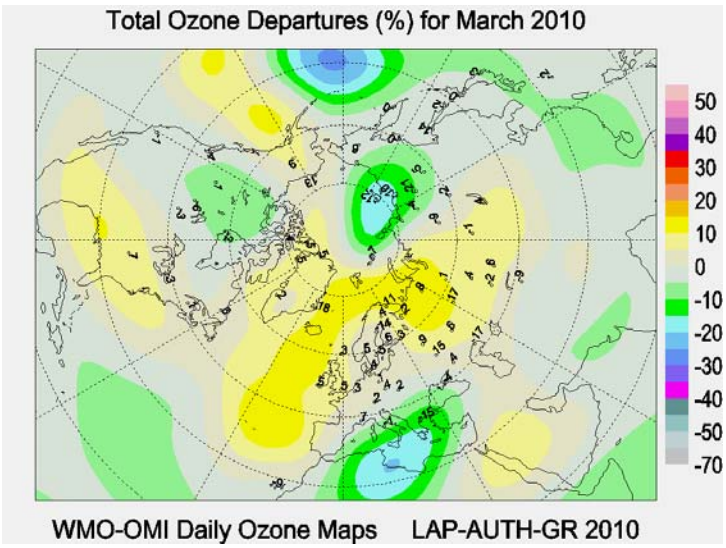


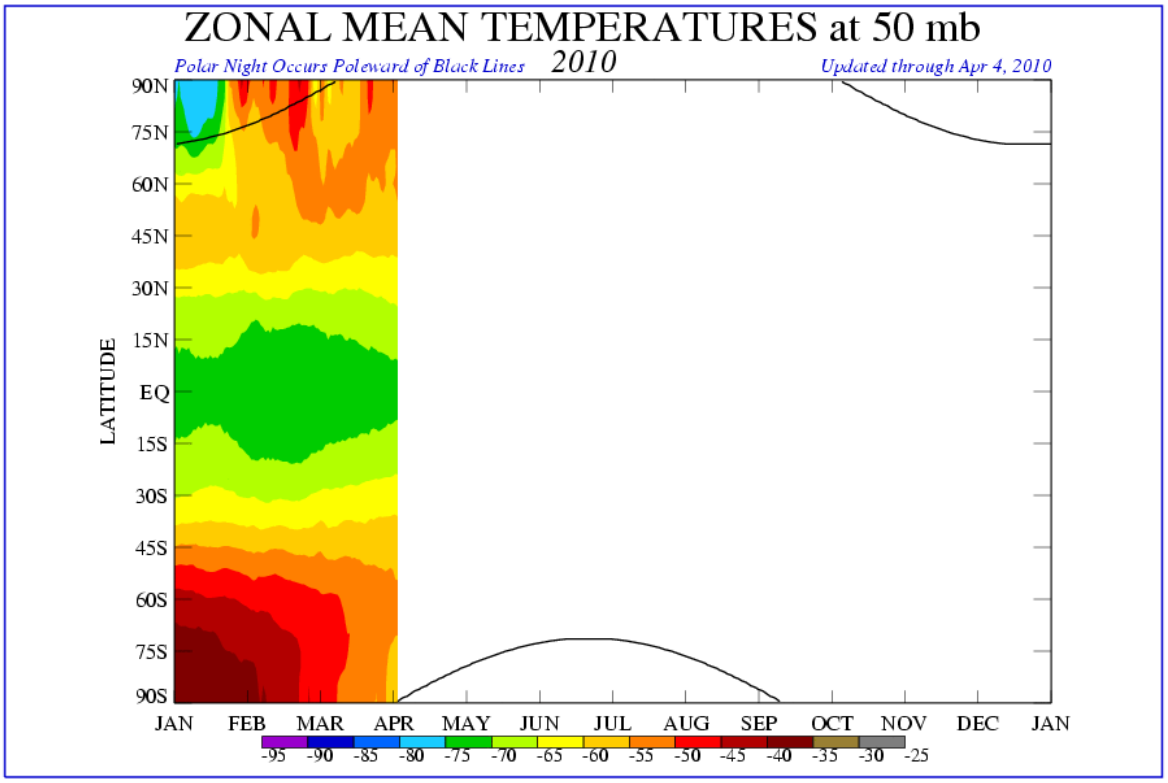



Total Ozone (D.U.) for March 2010
600
550
500
450
400
350
300
250
200
150
100
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010


Total Ozone Departures (%) for March 2010
50
40
30
20
10
0
-10
-20
-30
-40
-50
-70
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010


Total Ozone (D.U.) for March 2010
600
550
500
450
400
350
300
250
200
150
100
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010


Total Ozone Departures (%) for March 2010
50
40
30
20
10
0
-10
-20
-30
-40
-50
-70
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2010



Courtesy of NOAA available at:

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