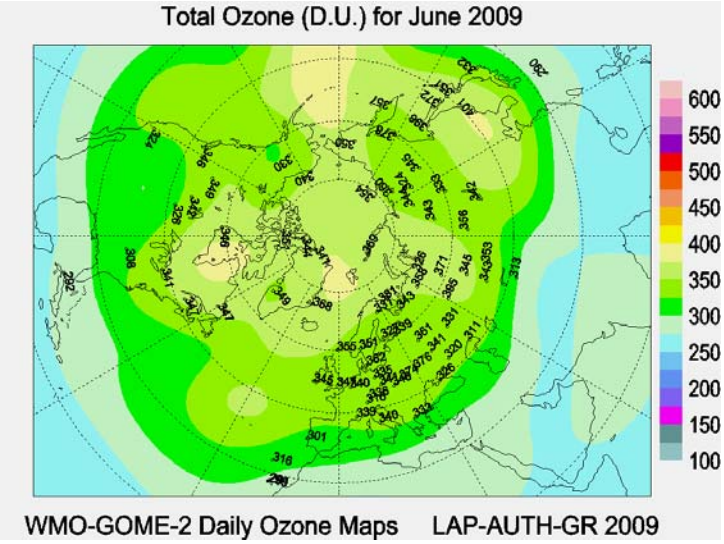
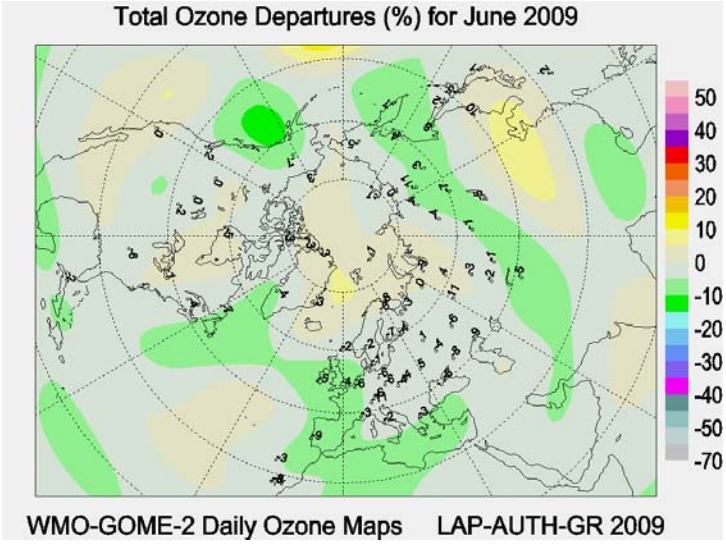
WHO Northern Hemisphere Ozone Mapping Center

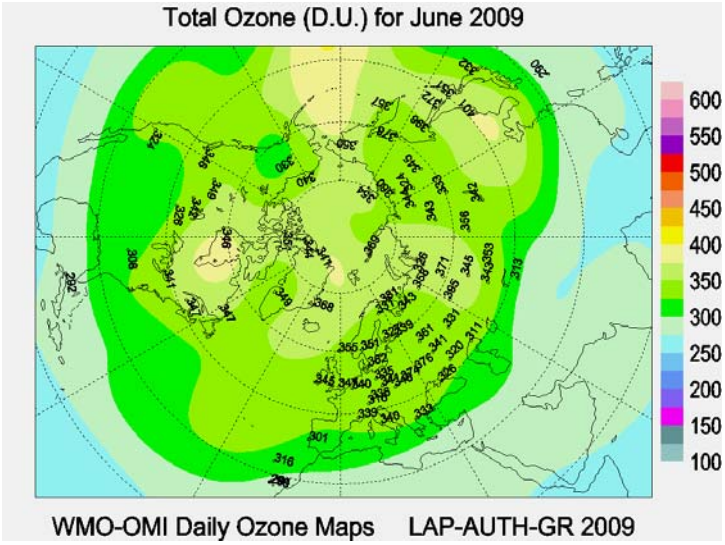
Monthly report

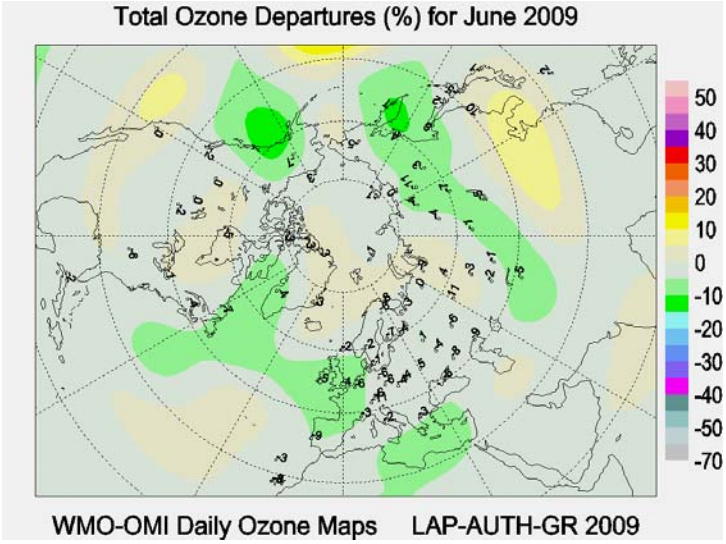
June 2009

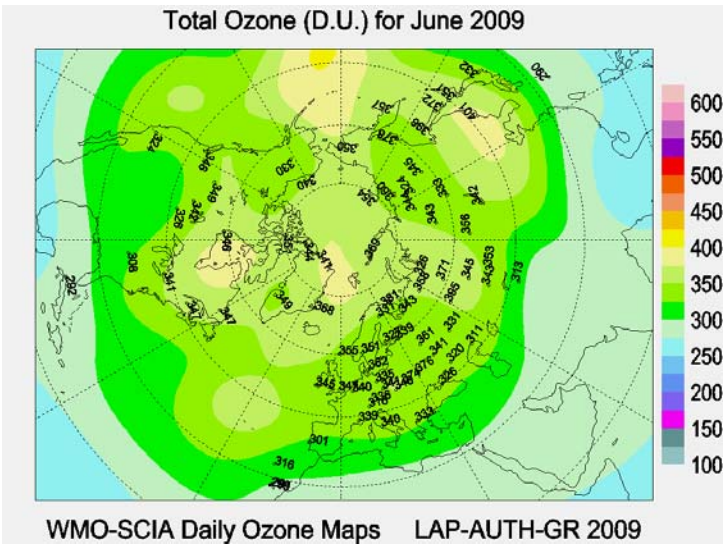
Total ozone departures from the 1979-1988 averages ranged between -10% (over Alaska and the Sea of Okhotsk)) and 10% (over Beijing and Yellow Sea) over the Northern Hemisphere during June. The first 10day period showed an ozone deficiency of about 20% over the Gulf of Alaska and 10% over the South Greenland, Sea of Okhotsk and North Japan. Almost the same negative ozone deviations were observed over the North Pacific Ocean and especially over the region of the Bering Sea during the second 10day period. In the last 10day period there were ozone destructions of around 10-15% over Scandinavia and central Siberia.






Total Ozone (D.U.) for June 2009
600
550
500
450
400
350
300
250
200
150
100
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2009


Total Ozone Departures (%) for June 2009
50
40
30
20
10
0
-10
-20
-30
-40
-50
-70
WMO-OMI Daily Ozone Maps LAP-AUTH-GR 2009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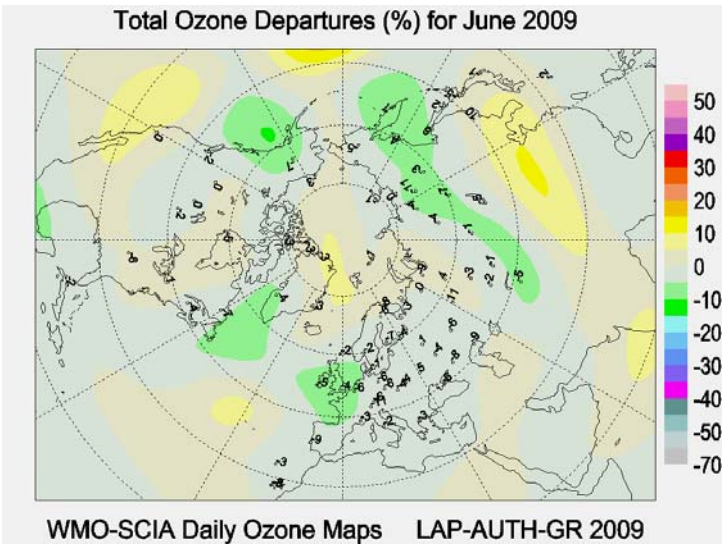
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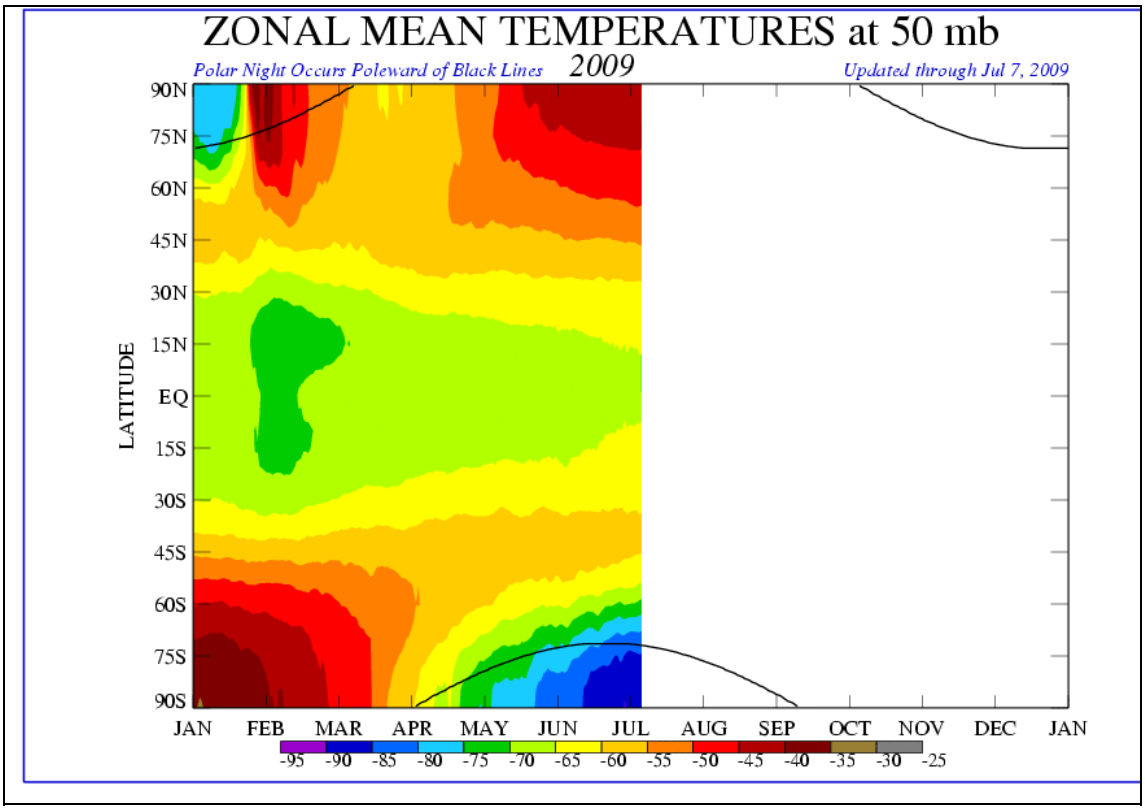

Courtesy of NOAA available at:

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