



In the Northern Hemisphere summer months, the Mediterranean region typically experiences high tropospheric ozone amounts. This is caused by local emissions, but also long-range transport of anthropogenic pollution from Northern Europe, Asia and North America which flows into the Mediterranean basin via large scale atmospheric circulation. During the hot summer months, high pressure weather conditions cause the poor quality air to remain in the region. This figure shows 5 days (12-16th August 2008) of gridded and contoured ozone data for the lower troposphere, from profile measurements from the GOME-2 satellite. Significant and persistent enhancement of ozone is observed over the Mediterranean. Data has been cloud cleared. Courtesy of Georgina Miles (RAL).