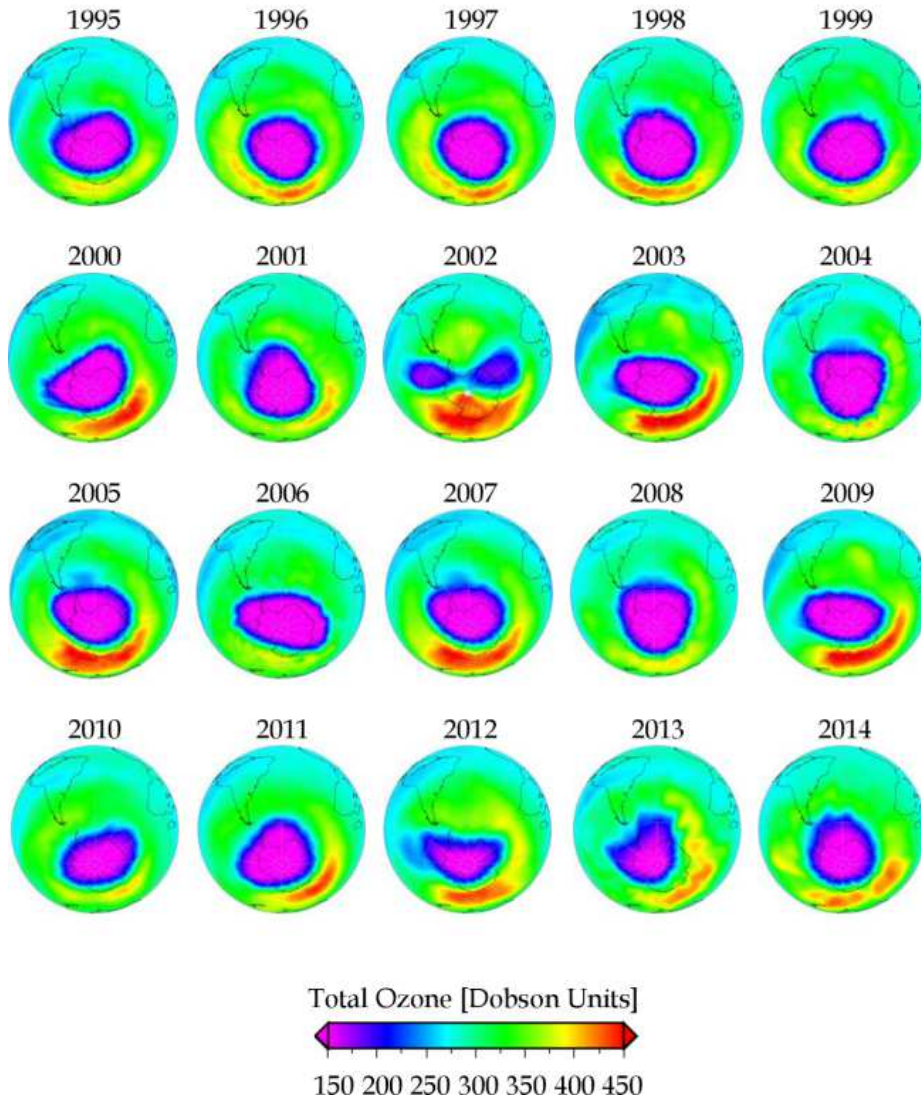


**GOME/ERS-2
SCIAMACHY/ENVISAT
GOME-2/MetOp-A
GOME-2/MetOp-B**



Ozone is typically measured in Dobson Units (DU). The average amount of ozone in Earth's atmosphere is around 300 DU; a column ozone level of less than 220 DU (ozone hole) is generally a result of the ozone loss from chlorine and bromine compounds. Such chemical reactions cause ozone in the southern polar region to be severely destroyed during the spring. This depleted region is known as the "ozone hole". This image shows the 3-day mean ozone column densities in Antarctic spring from 1995 to 2014 showing the evolution of the ozone hole as measured by the satellite instruments GOME, SCIAMACHY and GOME-2. The dark-blue and purple area indicates the regions affected by the ozone hole. Update from Dameris and Loyola (2012).