

Ozone Hole Observations

- Begins to develop in August, fully developed by early October, broken up in early December
- First began to appear in the early 1980s
- Compared to the 1970s, 60% reduction of ozone over Antarctica in early October
- 100% loss of ozone in the 1220 km region over Antarctica, some ozone remains both above 20 and below 12 km
- Ozone hole covers approximately 22 million km² (slightly less than the surface area of the North American continent)
- Ozone hole associated with cold Antarctic stratospheric temperatures

