



1
00:00:04,190 --> 00:00:08,250

This year, the ozone hole over Antarctica reminds us of what could have been.

2
00:00:12,440 --> 00:00:16,610

In 1987, the world's nations agreed to the Montreal Protocol, banning the use of chemicals that destroy ozone.

3
00:00:16,610 --> 00:00:20,720

The ozone layer began to recover.

4
00:00:20,720 --> 00:00:24,850

The ozone hole reaches an annual maximum size at the end of each southern winter.

5
00:00:24,850 --> 00:00:28,990

In recent years, these maximums have been getting slightly smaller.

6
00:00:33,170 --> 00:00:37,200

The ozone hole fluctuates with temperature – chemical destruction of ozone is enhanced when it's colder.

7
00:00:41,220 --> 00:00:45,290

This year, the South Pole region was relatively cold, so the hole grew larger than in the previous two years.

8
00:00:49,380 --> 00:00:53,510

Scientists were able to compare this year's ozone layer to models of what the ozone layer might have looked li