



CFC (chlorofluorocarbon)¹ Production
Atmospheric Greenhouse Gas Affected
by Human Activities

Year	Amount ²
1955	100
1957	120
1959	140
1961	150
1963	150
1965	200
1967	225
1969	290
1971	320
1973	375
1975	350
1977	360
1979	330
1981	325
1983	320
1985	340
1987	300
1989	305
1991	310

¹CFCs include the manufactured gas combinations of chlorine, fluorine, and carbon. These gases were not present in Earth's atmosphere until the 1930's.

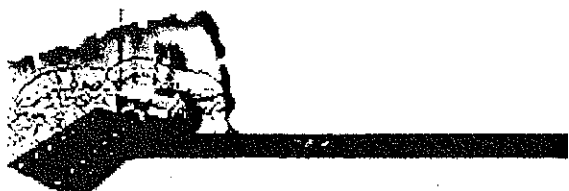
²Values are in kilotons per year.



Nitrous Oxide
Atmospheric Greenhouse Gas Affected
by Human Activities

Year	ppbv*
1750	283.0
1760	283.5
1770	284.0
1780	284.5
1790	285.0
1800	285.5
1810	286.0
1820	286.5
1830	287.0
1840	287.5
1850	288.0
1860	288.5
1870	289.0
1880	289.5
1890	290.0
1900	291.0
1910	292.0
1920	292.5
1930	293.0
1940	294.0
1950	295.0
1960	297.0
1970	299.0
1980	305.0
1990	310.0

*Parts per billion by volume (ppbv).



Methane Gas Concentration
 Atmospheric Greenhouse Gas Affected
 by Human Activities

Year	ppm*
1850	0.90
1879 1879	0.93
1880	0.90
1892	0.88
1908	1.00
1917	1.00
1918	1.02
1927	1.03
1929	1.13
1940	1.12
1949	1.18
1950	1.20
1955	1.26
1956	1.30
1957	1.34
1958	1.35
1975	1.45
1976	1.47
1977	1.50
1978	1.52
1979	1.55
1980	1.56
1981	1.58
1982	1.60
1983	1.60
1984	1.61
1985	1.62
1986	1.63
1987	1.65
1988	1.67
1989	1.69
1990	1.72

*ppm = Parts per million
 Gaps in the record between 1958-1975.



Carbon Dioxide Concentrations
 (in ppmv*), Mauna Loa, Hawaii
 Atmospheric Greenhouse Affected by Human Acti

Year	ppmv
1958	314.8
1959	316.1
1960	317.0
1961	317.7
1962	318.6
1963	319.1
1964	319.4
1965	320.4
1966	321.1
1967	322.0
1968	322.8
1969	324.2
1970	325.5
1971	326.5
1972	327.6
1973	329.8
1974	330.4
1975	331.0
1976	332.1
1977	333.6
1978	335.2
1979	336.5
1980	338.4
1981	339.5
1982	340.8
1983	342.8
1984	344.3
1985	345.7
1986	346.9
1987	348.6
1988	351.2

*ppmv = Parts per million by volume