

Mauna Loa CO₂ concentrations for April and October, 1959 to 2002

- Source: C.D. Keeling and T.P. Whorf. Carbon Dioxide Research Group, Scripps Institution of Oceanography.
- Even years refer to April, while half years refer to October
- The April, 1964 value was estimated from the May, 1964 reading

year	CO ₂ (ppm)
1959.0	317.71
1959.5	313.34
1960.0	319.03
1960.5	313.83
1961.0	319.48
1961.5	315.31
1962.0	320.58
1962.5	315.42
1963.0	321.39
1963.5	315.99
1964.0	322.23
1964.5	316.87
1965.0	322.13
1965.5	317.30
1966.0	323.70
1966.5	318.10
1967.0	324.42
1967.5	319.39
1968.0	325.02
1968.5	320.25
1969.0	326.66
1969.5	321.78
1970.0	328.13
1970.5	323.07
1971.0	327.78
1971.5	323.56
1972.0	329.72
1972.5	325.20
1973.0	331.50
1973.5	327.18

year	CO ₂ (ppm)
1974.0	332.65
1974.5	327.37
1975.0	333.31
1975.5	328.34
1976.0	334.58
1976.5	328.94
1977.0	336.07
1977.5	331.16
1978.0	337.76
1978.5	332.54
1979.0	338.89
1979.5	333.86
1980.0	340.77
1980.5	336.01
1981.0	342.51
1981.5	336.85
1982.0	343.56
1982.5	337.86
1983.0	344.94
1983.5	339.99
1984.0	347.08
1984.5	341.35
1985.0	348.35
1985.5	342.80
1986.0	349.55
1986.5	344.17
1987.0	350.99
1987.5	346.36
1988.0	353.59
1988.5	348.88

year	CO ₂ (ppm)
1989.0	355.42
1989.5	349.99
1990.0	356.20
1990.5	351.18
1991.0	358.60
1991.5	352.21
1992.0	359.15
1992.5	353.31
1993.0	359.46
1993.5	353.98
1994.0	361.26
1994.5	355.99
1995.0	363.45
1995.5	357.75
1996.0	364.72
1996.5	359.60
1997.0	366.35
1997.5	360.77
1998.0	368.61
1998.5	364.23
1999.0	371.14
1999.5	365.12
2000.0	371.66
2000.5	366.73
2001.0	372.87
2001.5	368.09
2002.0	374.86
2002.5	370.24
1989.0	355.42