

**Baring Head monthly average steady interval (baseline) CO2 data 1973-2020.**

Data are on WMOx2007 scale.

For details about site, measurements, data filtering etc see: Stephens et al, 2013. "Analysis of a 39-year continuous atmospheric CO2 record from Baring Head, New Zealand"

Biogeosciences, 10, 2683–2697, 2013

[www.biogeosciences.net/10/2683/2013/](http://www.biogeosciences.net/10/2683/2013/)

doi:10.5194/bg-10-2683-2013

Sheet "data" has the data.

Sometimes there are no baseline data in a month due to non-baseline conditions persisting for the entire month and/or instrument problems. In this sheet these appear as a blank value in Column C.

Year	Month	Average CO2 (ppm)
1973	1	326.3
1973	2	326.5
1973	3	327.0
1973	4	327.2
1973	5	327.2
1973	6	327.4
1973	7	328.0
1973	8	328.6
1973	9	328.6
1973	10	328.7
1973	11	329.0
1973	12	328.6
1974	1	328.7
1974	2	328.1
1974	3	328.0
1974	4	328.0
1974	5	328.5
1974	6	328.6
1974	7	329.1
1974	8	329.5
1974	9	329.6
1974	10	329.6
1974	11	329.7
1974	12	329.7
1975	1	329.5
1975	2	329.2
1975	3	329.1
1975	4	329.3
1975	5	329.8
1975	6	330.1
1975	7	330.0
1975	8	330.3
1975	9	330.4
1975	10	
1975	11	330.7
1975	12	330.1
1976	1	330.8
1976	2	330.8
1976	3	330.5
1976	4	330.2
1976	5	330.6
1976	6	330.7
1976	7	331.6
1976	8	331.5
1976	9	331.4
1976	10	331.6
1976	11	331.9
1976	12	331.9
1977	1	331.4
1977	2	331.5
1977	3	331.3

1977	4	331.9
1977	5	332.1
1977	6	332.0
1977	7	332.7
1977	8	333.0
1977	9	333.0
1977	10	333.2
1977	11	333.2
1977	12	332.5
1978	1	
1978	2	332.9
1978	3	
1978	4	332.9
1978	5	333.3
1978	6	333.5
1978	7	334.1
1978	8	334.2
1978	9	334.2
1978	10	335.0
1978	11	
1978	12	
1979	1	
1979	2	
1979	3	333.8
1979	4	334.0
1979	5	334.6
1979	6	334.9
1979	7	335.1
1979	8	335.7
1979	9	336.1
1979	10	335.7
1979	11	
1979	12	335.8
1980	1	
1980	2	
1980	3	
1980	4	
1980	5	336.4
1980	6	336.8
1980	7	
1980	8	337.5
1980	9	
1980	10	337.7
1980	11	338.0
1980	12	337.7
1981	1	337.6
1981	2	337.2
1981	3	337.4
1981	4	337.5
1981	5	337.6
1981	6	338.1
1981	7	338.7

1981	8	338.9
1981	9	
1981	10	338.9
1981	11	
1981	12	
1982	1	338.8
1982	2	338.5
1982	3	339.1
1982	4	339.2
1982	5	339.5
1982	6	339.7
1982	7	
1982	8	340.2
1982	9	340.3
1982	10	340.4
1982	11	340.3
1982	12	340.0
1983	1	
1983	2	
1983	3	340.3
1983	4	340.2
1983	5	341.0
1983	6	341.0
1983	7	341.6
1983	8	342.3
1983	9	
1983	10	342.1
1983	11	341.8
1983	12	341.9
1984	1	341.9
1984	2	341.8
1984	3	341.8
1984	4	341.8
1984	5	341.7
1984	6	342.1
1984	7	342.6
1984	8	342.7
1984	9	342.8
1984	10	343.1
1984	11	343.3
1984	12	342.9
1985	1	
1985	2	342.0
1985	3	342.8
1985	4	342.9
1985	5	343.2
1985	6	
1985	7	344.0
1985	8	344.5
1985	9	
1985	10	344.6
1985	11	344.0

1985	12	344.4
1986	1	
1986	2	344.3
1986	3	344.3
1986	4	
1986	5	345.0
1986	6	
1986	7	345.6
1986	8	345.9
1986	9	346.0
1986	10	346.0
1986	11	345.7
1986	12	345.9
1987	1	345.6
1987	2	345.8
1987	3	345.9
1987	4	346.7
1987	5	346.2
1987	6	347.1
1987	7	347.4
1987	8	348.1
1987	9	348.1
1987	10	348.3
1987	11	348.3
1987	12	348.3
1988	1	
1988	2	348.5
1988	3	348.4
1988	4	348.7
1988	5	348.8
1988	6	349.3
1988	7	349.7
1988	8	349.8
1988	9	349.6
1988	10	
1988	11	350.2
1988	12	349.9
1989	1	350.7
1989	2	350.0
1989	3	350.3
1989	4	350.4
1989	5	350.5
1989	6	350.5
1989	7	350.9
1989	8	351.3
1989	9	351.6
1989	10	351.4
1989	11	351.4
1989	12	352.1
1990	1	351.3
1990	2	351.0
1990	3	350.8

1990	4	350.8
1990	5	
1990	6	351.7
1990	7	352.4
1990	8	
1990	9	352.9
1990	10	352.7
1990	11	352.9
1990	12	
1991	1	352.3
1991	2	352.6
1991	3	352.1
1991	4	352.5
1991	5	352.8
1991	6	
1991	7	353.6
1991	8	
1991	9	355.1
1991	10	353.7
1991	11	353.5
1991	12	353.3
1992	1	
1992	2	352.9
1992	3	352.9
1992	4	353.4
1992	5	353.7
1992	6	354.6
1992	7	355.1
1992	8	355.9
1992	9	355.5
1992	10	355.5
1992	11	354.9
1992	12	354.6
1993	1	354.2
1993	2	354.1
1993	3	
1993	4	355.1
1993	5	
1993	6	355.1
1993	7	355.3
1993	8	355.8
1993	9	355.8
1993	10	355.8
1993	11	355.7
1993	12	355.4
1994	1	355.6
1994	2	355.8
1994	3	355.6
1994	4	
1994	5	356.3
1994	6	356.1
1994	7	

1994	8	
1994	9	
1994	10	
1994	11	
1994	12	
1995	1	356.4
1995	2	356.7
1995	3	
1995	4	357.3
1995	5	357.3
1995	6	357.8
1995	7	
1995	8	358.4
1995	9	359.2
1995	10	359.4
1995	11	359.4
1995	12	359.5
1996	1	359.3
1996	2	359.6
1996	3	359.1
1996	4	359.3
1996	5	359.4
1996	6	359.9
1996	7	360.3
1996	8	360.7
1996	9	361.2
1996	10	
1996	11	360.7
1996	12	360.5
1997	1	360.1
1997	2	360.3
1997	3	360.6
1997	4	361.0
1997	5	360.8
1997	6	361.1
1997	7	361.4
1997	8	361.7
1997	9	361.7
1997	10	
1997	11	362.0
1997	12	361.9
1998	1	
1998	2	362.4
1998	3	363.0
1998	4	362.9
1998	5	
1998	6	363.5
1998	7	364.3
1998	8	364.6
1998	9	365.1
1998	10	
1998	11	364.7

1998	12	364.5
1999	1	364.7
1999	2	364.7
1999	3	364.9
1999	4	364.9
1999	5	365.1
1999	6	365.4
1999	7	365.7
1999	8	366.1
1999	9	366.2
1999	10	
1999	11	366.0
1999	12	365.9
2000	1	365.9
2000	2	365.8
2000	3	366.0
2000	4	366.2
2000	5	366.9
2000	6	367.0
2000	7	367.0
2000	8	367.5
2000	9	367.2
2000	10	367.5
2000	11	367.6
2000	12	367.7
2001	1	
2001	2	
2001	3	367.7
2001	4	367.4
2001	5	367.8
2001	6	368.1
2001	7	368.3
2001	8	368.2
2001	9	368.0
2001	10	368.3
2001	11	368.3
2001	12	368.1
2002	1	368.4
2002	2	368.5
2002	3	368.5
2002	4	368.8
2002	5	369.3
2002	6	369.3
2002	7	370.2
2002	8	370.6
2002	9	371.2
2002	10	371.6
2002	11	371.5
2002	12	371.3
2003	1	371.3
2003	2	371.8
2003	3	371.8



2003	4	372.1
2003	5	372.1
2003	6	372.9
2003	7	373.1
2003	8	373.5
2003	9	373.7
2003	10	373.6
2003	11	373.3
2003	12	373.3
2004	1	373.4
2004	2	374.0
2004	3	373.4
2004	4	373.8
2004	5	374.2
2004	6	
2004	7	375.3
2004	8	375.4
2004	9	375.4
2004	10	375.3
2004	11	375.3
2004	12	374.9
2005	1	
2005	2	
2005	3	375.2
2005	4	
2005	5	
2005	6	
2005	7	
2005	8	377.2
2005	9	
2005	10	
2005	11	
2005	12	
2006	1	377.3
2006	2	
2006	3	378.0
2006	4	377.8
2006	5	378.1
2006	6	378.7
2006	7	378.7
2006	8	379.4
2006	9	379.2
2006	10	379.3
2006	11	379.3
2006	12	379.0
2007	1	379.1
2007	2	379.3
2007	3	379.4
2007	4	380.3
2007	5	380.2
2007	6	380.5
2007	7	381.0

2007	8	381.4
2007	9	381.5
2007	10	381.7
2007	11	381.6
2007	12	381.6
2008	1	381.8
2008	2	381.6
2008	3	381.6
2008	4	381.7
2008	5	382.3
2008	6	382.7
2008	7	383.1
2008	8	383.4
2008	9	384.0
2008	10	
2008	11	
2008	12	383.2
2009	1	383.7
2009	2	383.1
2009	3	383.2
2009	4	383.4
2009	5	383.5
2009	6	384.1
2009	7	384.2
2009	8	384.6
2009	9	384.8
2009	10	384.9
2009	11	384.8
2009	12	384.6
2010	1	
2010	2	384.6
2010	3	384.5
2010	4	384.9
2010	5	385.2
2010	6	386.0
2010	7	386.5
2010	8	387.6
2010	9	388.1
2010	10	388.1
2010	11	388.0
2010	12	387.0
2011	1	386.7
2011	2	
2011	3	386.9
2011	4	387.0
2011	5	
2011	6	387.8
2011	7	388.0
2011	8	388.5
2011	9	388.9
2011	10	388.5
2011	11	388.5

2011	12	388.4
2012	1	387.9
2012	2	388.3
2012	3	388.4
2012	4	388.5
2012	5	388.9
2012	6	389.6
2012	7	390.1
2012	8	390.5
2012	9	390.8
2012	10	
2012	11	391.2
2012	12	
2013	1	
2013	2	391.4
2013	3	391.5
2013	4	391.7
2013	5	392.9
2013	6	393.5
2013	7	393.2
2013	8	
2013	9	
2013	10	394.0
2013	11	393.7
2013	12	393.2
2014	1	
2014	2	
2014	3	393.6
2014	4	393.9
2014	5	394.4
2014	6	395.2
2014	7	395.3
2014	8	395.6
2014	9	395.9
2014	10	396.0
2014	11	396.0
2014	12	
2015	1	396.6
2015	2	396.9
2015	3	
2015	4	
2015	5	397.1
2015	6	397.1
2015	7	397.6
2015	8	398.2
2015	9	398.2
2015	10	
2015	11	398.4
2015	12	398.4
2016	1	
2016	2	399.2
2016	3	398.7

2016	4	399.5
2016	5	400.6
2016	6	400.7
2016	7	401.3
2016	8	401.3
2016	9	401.1
2016	10	401.4
2016	11	401.2
2016	12	401.0
2017	1	401.3
2017	2	401.0
2017	3	400.9
2017	4	401.0
2017	5	401.7
2017	6	402.2
2017	7	402.7
2017	8	403.1
2017	9	403.4
2017	10	403.3
2017	11	403.5
2017	12	403.3
2018	1	403.4
2018	2	403.6
2018	3	403.5
2018	4	403.9
2018	5	404.6
2018	6	404.6
2018	7	405.5
2018	8	405.7
2018	9	405.6
2018	10	405.8
2018	11	405.8
2018	12	405.7
2019	1	405.5
2019	2	405.7
2019	3	405.6
2019	4	406.4
2019	5	407.2
2019	6	407.6
2019	7	407.9
2019	8	408.5
2019	9	408.7
2019	10	408.6
2019	11	408.5
2019	12	407.9
2020	1	408.4
2020	2	
2020	3	408.6
2020	4	
2020	5	409.2
2020	6	409.5
2020	7	409.7

2020	8	410.4
2020	9	410.5
2020	10	410.6
2020	11	410.5
2020	12	410.5