

THE BLOOMBERG CARBON CLOCK

May 1974 to the Present: Mauna Loa Observatory average CO₂ record, maintained by NOAA.
[Monthly](#)

In 800,000 years. Before industrialization, carbon dioxide hovered around 280 parts per million. 450 ppm is considered the danger zone that will be associated with extreme weather patterns. The forecast is that the 450 ppm level will be reached by 2040.

The monthly values reflect the cyclical or seasonal changes in an inexorably upward secular trend. Check out the graph on the webpage cited below.

Year	Month	Average PPM CO ₂
2019	1	409.08
2019	2	410.83
2019	3	411.75
2019	4	411.97
2019	5	413.33
2019	6	414.64
2019	7	413.93
2019	8	411.74
2019	9	409.95
2019	10	408.54
2019	11	408.52
2019	12	410.25

Year	Month	Average PPM CO ₂
2020	1	411.76
2020	2	413.39
2020	3	414.11
2020	4	414.51
2020	5	416.21
2020	6	417.07
2020	7	416.38
2020	8	414.38

Check out the website for explanations and analytical graphs showing the trends in CO₂ increases.

LINK:

<https://www.bloomberg.com/graphics/carbon-clock/>