

Website Climate Change Claim	Supporting reference
Rising Sea Levels	
3.2 mm/year since 1993	https://e360.yale.edu/features/rising_waters_how_fast_and_how_far_will_sea_levels_rise
Around 160 mm over last 100 years	https://sealevel.nasa.gov/faq/13/how-long-have-sea-levels-been-rising-how-does-recent-sea-level-rise-compare-to-that-over-the-previous/ Over the past 100 years , global temperatures have risen about 1 degree C (1.8 degrees F), with sea level response to that warming totaling about 160 to 210 mm (with about half of that amount occurring since 1993), or about 6 to 8 inches.
Rising Temperatures	
Average global temperatures are 0.98° C higher than the average for the 20th century	https://earthobservatory.nasa.gov/features/GlobalWarming/page3.php In the past century alone, the temperature has climbed 0.7 degrees Celsius, roughly ten times faster than the average rate of ice-age-recovery warming. The average global temperature on Earth has increased by a little more than 1° Celsius (2° Fahrenheit) since 1880. Two-thirds of the warming has occurred since 1975, at a rate of roughly 0.15-0.20°C per decade. https://earthobservatory.nasa.gov/world-of-change/global-temperatures https://ourworldindata.org/co2-and-other-greenhouse-gas-emissions#global-warming-to-date Global average temperatures have increased by more than 1 C since preindustrial
Life as we know it will, in many ways, become unsustainable if the global average temperature rises above 2° Celsius.	https://climate.nasa.gov/news/2865/a-degree-of-concern-why-global-temperatures-matter/ https://www.ipcc.ch/sr15/
Rising CO2 Levels	
Carbon Dioxide (CO2) in the atmosphere is currently the highest in human history	https://www.co2.earth/co2-records As at June 1 2020 highest CO2 concentration measured at 418.32 ppm The concentration of carbon dioxide in Earth's atmosphere is currently at nearly 412 parts per million (ppm) and rising. This represents a 47 percent increase since the beginning of the Industrial Age, when the concentration was near 280 ppm, and an 11 percent increase since 2000, when it was near 370 ppm. https://ourworldindata.org/co2-and-other-greenhouse-gas-emissions
Mankind adds 39 billion metric tons of excess CO2 to the atmosphere each year, the highest in mankind's history and increasing each year	https://ourworldindata.org/co2-and-other-greenhouse-gas-emissions#how-have-global-co2-emissions-changed-over-time 7,796,974,000 people on the planet July 2020. At an average of 5.0 Metric Tonnes of carbon per person equaks 39 Bn M/t of carbon
1.5° to 2° Increase	
WWF - World Wildlife Fund - Why 1.5° C?	
Coral Bleaching 100% of coral reefs lost by 2100	https://wwf.panda.org/our_work/climate_and_energy/ipcc152/
Water Availability	
410 urban residents exposed to drought	
Species	
18% of insects, 16% of plants and 8% of vertebrates affected	
Oceans	
Significant reduction in biodiversity, eco systems and biological functioning	
Economy	
Lower economic growth particularly developing countries	
People	
28% of the world's population exposed to extreme heats waves	
Arctic Sea ice	
Ice free summers at least once every 10 years	
Extreme Weather	
170% increase in flood risk	
Food (currently double as Extreme Weather)	
Consistent lower yields in food production and drop in nutritional value	