

**DOCKETED**

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## **Global Warming Abrupt Climate Changing Sea Level Rising**

Recent data from the World Meteorological office showed that 2018 was the fourth warmest on record, making the last four years the hottest four years in Earth's recorded history."  
TruthOut

"2019's carbon dioxide concentration is expected to average around 411.3 parts per million.

The monthly average will peak in May at around 414.7 parts per million and lower to 408.1 parts per million in September before rising again at the end of the year.

It is typical for atmospheric carbon dioxide levels to fluctuate throughout the year, falling in the summer when more green leaves are around to absorb the greenhouse gas and rising in the winter when trees are bare.

"The Mauna Loa graph of atmospheric CO<sub>2</sub> is a thing of beauty, but also a stark reminder of human impact on climate," Betts said. "Looking at the monthly figures, it's as if you can see the planet 'breathing' as the levels of carbon dioxide fall and rise with seasonal cycle of plant growth and decay in the northern hemisphere.

But each year's CO<sub>2</sub> is higher than the last, and this will keep happening until humans stop adding CO<sub>2</sub> to the atmosphere." Olivia Rosane

"Right now the course of our future is being set by the fossil fuel industry, the most powerful corporations in the history of the world, and they're steering us off a cliff into a raging inferno.

They fight each day to blow up more mountains for coal, demolish more land and oceans for oil and shatter more of the ground beneath our feet by fracking for oil and gas with a cocktail of the most toxic chemicals known to humankind.

With each passing day that these interests set our course, with every additional ton of greenhouse gases emitted like a poison in our atmosphere, the drier the ink becomes on the bleak future written by the fossil fuel industry.

That future is one where oceans drown our coastal homes and cities, where biodiversity is diminished.

It's a future where droughts will parch our agricultural fields and allow wildfires to run rampant.

It's a future where clean, freshwater will be among the world's scarcest resources, and where smog and pollution suffocate our lungs and the planet's.

Given the fossil fuel industry's seemingly unlimited money and political influence, changing their course and taking control of our future is a tall order.

But again, we must. And all of you, can make the choices that lead you to seize that control.

I can tell you how significant a difference each of us can make, how important the choices we make can be and the power we have in this country." John Armstrong

Published on Oct 11, 2014

Campaign to Allow Californian Residents to Sell Electricity Obtained by Renewable Energy for a Fair Market Price.

We Need a National Feed in Tariff

Will you read, sign, and share this petition?

<https://petitions.moveon.org/sign/let-california-home-owners>

An ideal Carbon Atmosphere, would be at 300 parts per million

1700s to 1800s ppm Carbon 260ppm - 280ppm

1980s ppm carbon 350

2015s ppm of Carbon 405

2017 ppm of Carbon 409.35 and Rising

"I will show you the rise in CO2 levels every 5 years from 1958 to Dec. 2017. I will also show the CO2 difference beside it from the previous reading. Each reading is taken in the March of the respective year.

Year.....	CO2 Levels.....	Growth
1958.....	315.71.....	
1963.....	319.86.....	4.15
1968.....	323.89.....	4.03
1973.....	330.30.....	6.41
1978.....	336.66.....	6.36
1983.....	343.33.....	6.67
1988.....	352.41.....	9.08
1993.....	358.47.....	6.06
1998.....	367.24.....	8.77
2003.....	376.46.....	9.22
2008.....	386.03.....	9.57
2013.....	397.43.....	11.40
2017.....	409.01.....	12.42

"The last entry is early since it is March 2018.

This shows the ever increasing growth of CO2 levels in our atmosphere.

Some 2017 figures have shown 410ppm over the year, giving an increase of nearly 1ppm per month."

Can society even exist in it's current form at 600ppm CO2 concentration ?

I know the planet has been at that level before, but it took tens of thousands of years to get there and back again, not 250 years.

Add in the CH4 levels, and you have an equivalence of ~580ppm already." Mark Bevis

"I asked him what he would say to people who think we still have time to mitigate the impacts of runaway climate change.

"We can't undo this," he replied. "How are you going to cool down the ocean? We're already

there."

As if to underscore the point, Wanless told me that, in the past, carbon dioxide had varied from roughly 180 to 280 parts per million (ppm) in the atmosphere as the Earth shifted from glacial to interglacial periods.

Linked to this 100-ppm fluctuation was about a 100-foot change in sea level.

"Every 100-ppm CO<sub>2</sub> increase in the atmosphere gives us 100 feet of sea level rise," he told me. "This happened when we went in and out of the Ice Age."

As I knew, since the industrial revolution began, atmospheric CO<sub>2</sub> has already increased from 280 to 410 ppm.

"That's 130 ppm in just the last 200 years," I pointed out to him.

"That's 130 feet of sea level rise that's already baked into Earth's climate system."

He looked at me and nodded grimly. I couldn't help thinking of that as a nod goodbye to coastal cities from Miami to Shanghai." Dahr Jamail

There is 20 feet of Sea Level Rise in Greenland

There is 200 Feet of Sea Level Rise in Antarctica

Melting and Calving Now !

My Guess in 2014 was that the 220 feet of Sea Level Rise will come between 415ppm - 420ppm of Carbon in our Atmosphere

What will methane be ?

We have increased Global Temps 1.7C. and Climbing, since the 1700s

For Every 1C. Temp Rise There is 7% more moisture Added To the Atmosphere Creating Record Rains Each Year, Do You Dare Imagine the Future ?

Already at 10% more moisture it has Doubled Record Rain Fall, We are Accelerating to 2C. in Months by 2020 ?

What will Record 14% more Moisture in the Atmosphere be in Record Rain ? in 2020 ?

Florence - Global Warming Abrupt Climate Change sea Level Rising over 220 Feet Way Faster Than They Say Way Faster Than You Think

Sandy, Katrina, Irma, Maria, an Harvey had 19% to 49% more Record Rain, Record Winds, Record Sea Surges,  
Our New Normal  
Record Rain, Record Snow,  
Record Highs Record Lows  
Record Winds, Record Waves,  
Record Fires, Record Floods,  
Record Volcanic Eruptions

Record Hurricanes, Record Tsunamis,

Record Typhoons, Record Earthquakes,

Record Mud-Slides, an Record Sea Surges.

Glaciation kept the Mantle Cooler, Mantle is Heating up, The Accelerated Melt is Going to Be Horrendous, Horrific, and Tsunamic 1,500 feet, Way Faster Than they are Saying, Way Faster Than You Think

The Main Priority Now Should be to Decommission and Relocate to Above 3,000 Feet,

444 Nuclear Reactors at Sea Level Now.

1,200 Nuclear Fuel Rod Facilities at Sea Level Now.

14,300 Nuclear Weapons

250,000 Toxic Tons of  
Radiated Nuclear Waste Globally

How long before 5 feet of Greenlands 20 Feet of Sea Level Rise

Fukushimatizes us ? 2022 ?

Antarctica has over 200 feet of Sea Level Rise

Will The Crust Vaporize in to the Mantle ?

When Salt Water Shuts Down The Cooling Systems of These Reactors and Facilities .»¿