

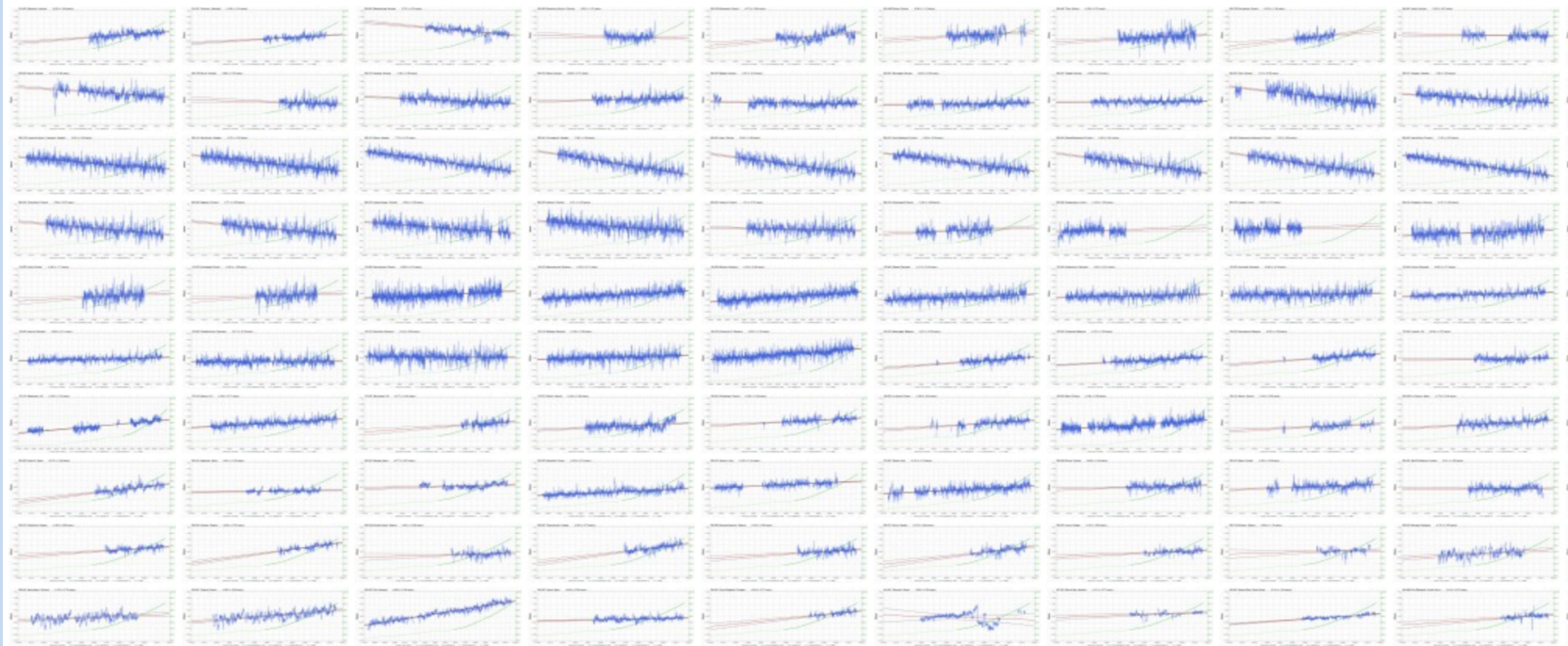


Massive 44% CO₂ Increase Since 1880

Any sign of Sea-Level Rise Acceleration?

Guess What: They're all Basically Linear

NOAA's 2016 list of 375 long term trend tide stations

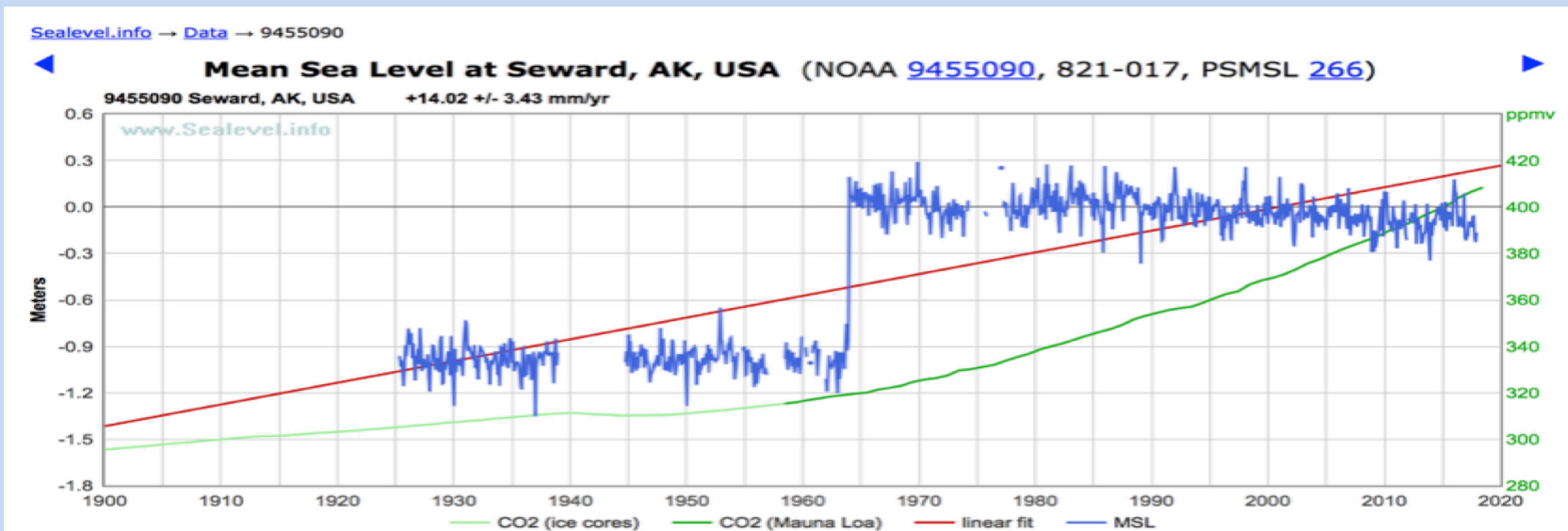




Massive 44% CO₂ Increase Since 1880

Does Bifurcation show SLR Acceleration?

Guess What: The trend remains Basically Linear



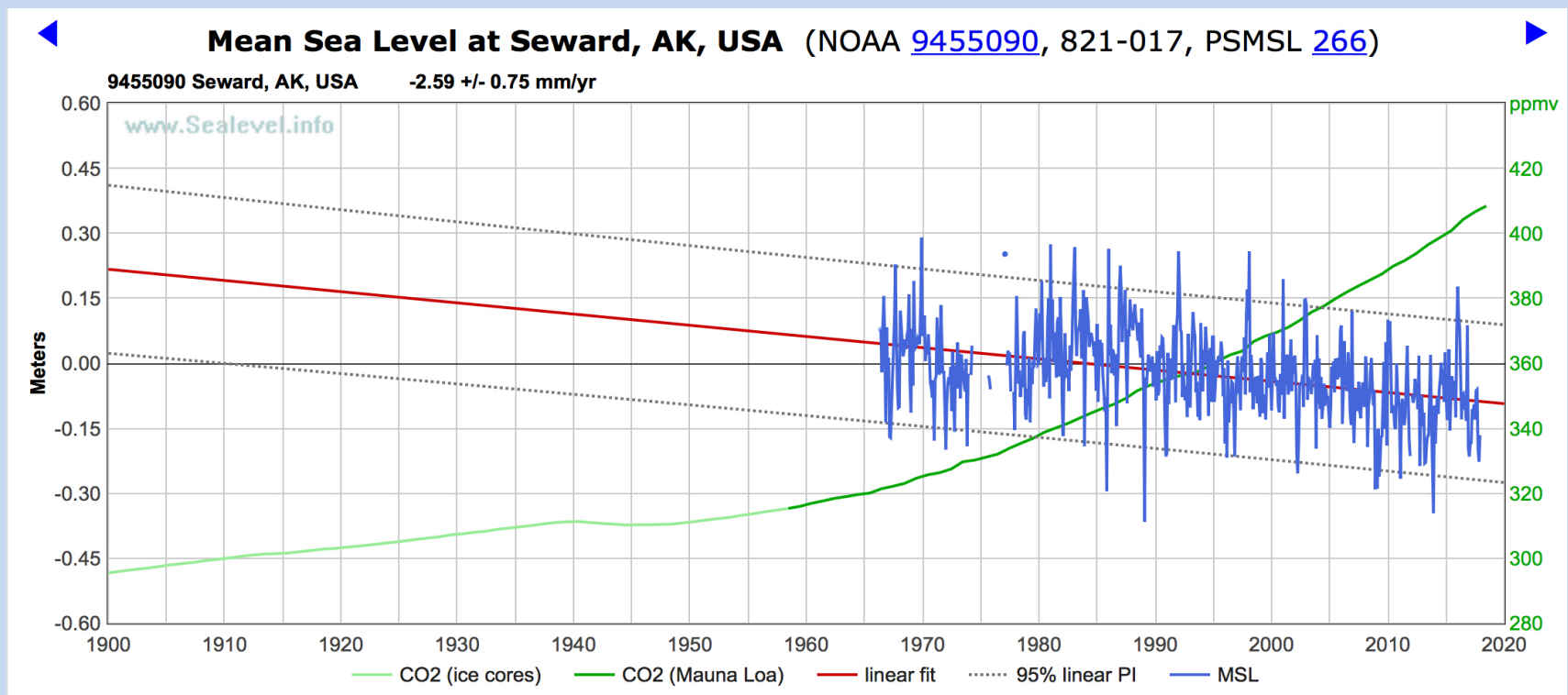
Notice that on either side of the 1964 earthquake, the trend is basically linear. The red trend line shown in the graphic, is wholly inappropriate for the Seward Alaska region. The actual sea level trend over the years has been in slight decline, sourced from regional uplift. The uplift has been gradual over the years and the 1964 earthquake added a sharp spike to the sea-level as Seward actually and suddenly dropped.



Massive 44% CO₂ Increase Since 1880

Does Bifurcation show SLR Acceleration?

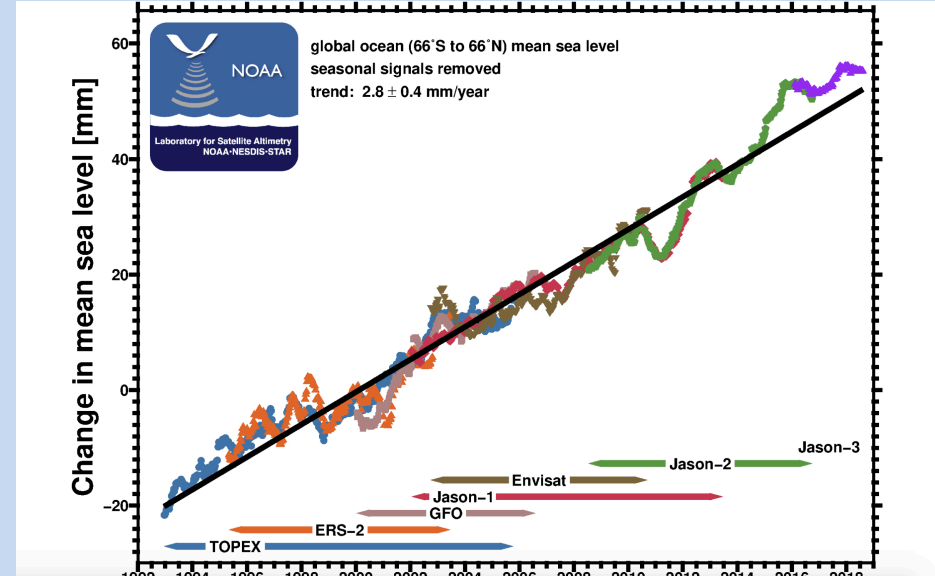
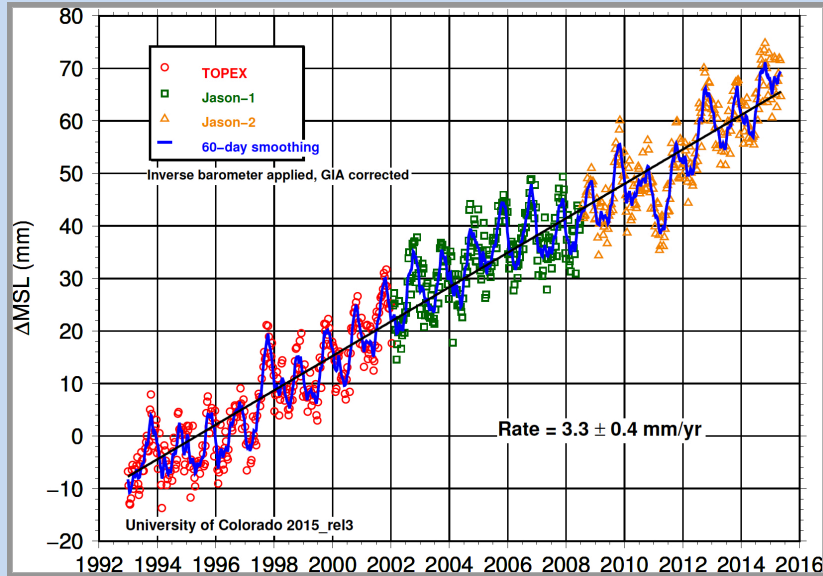
Seward Post 1966 remains Basically Linear



“Measurements???”

Old Version
Nice Colors but Still
Clearly **Linear**

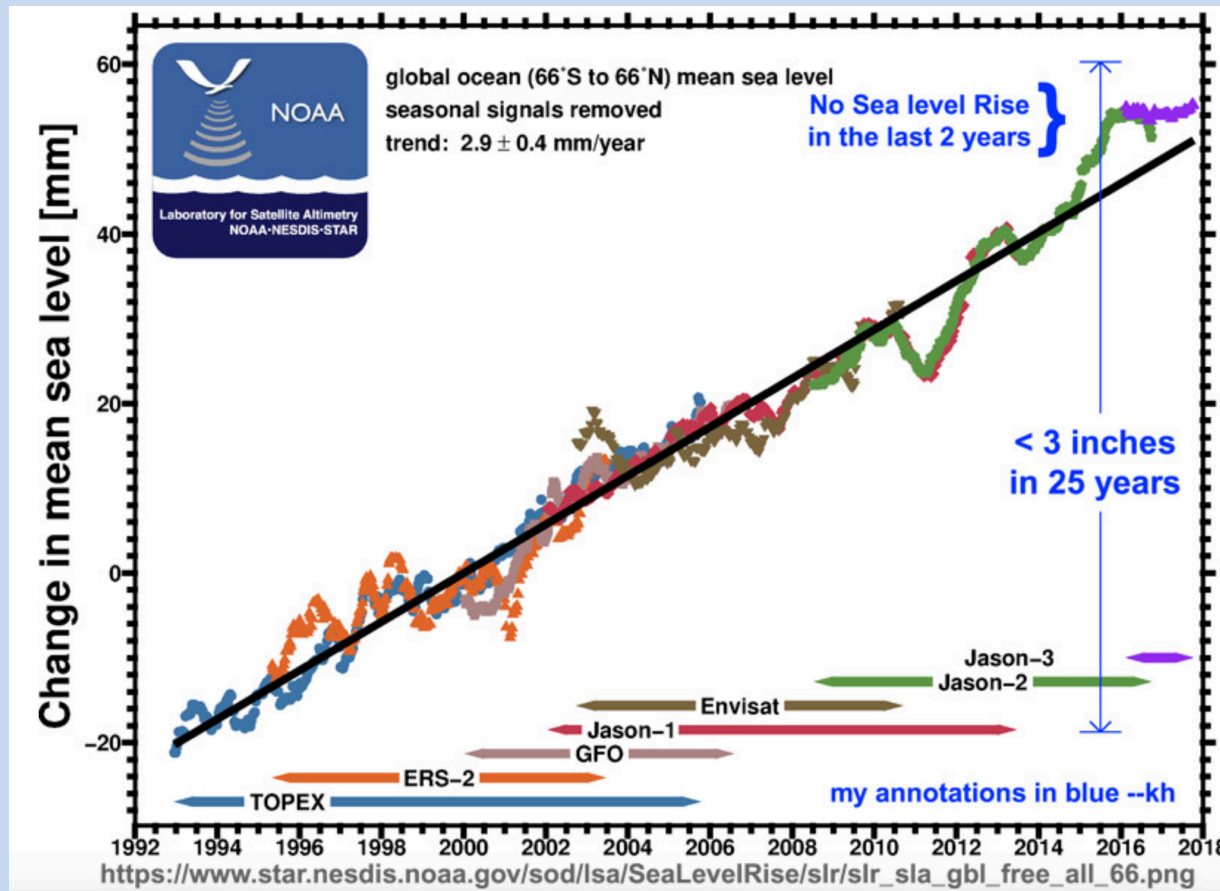
New Version
Confirming Data Sets
& Still Clearly **Linear**





“Measurements???”

New Annotated Version (Kip Hansen) “Confirming” Data Sets & Still Clearly **Linear**



Glacial Isostatic Adjustment (GIA) Mistakenly Reversed???

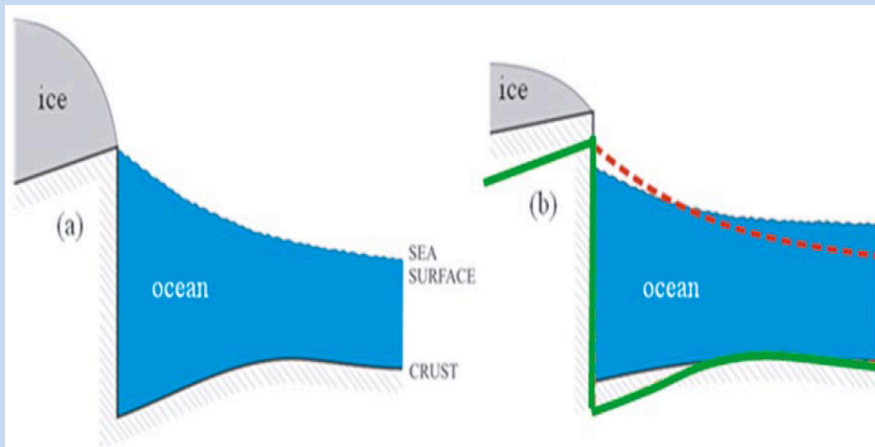


Figure 2-2. (a) Ocean height is perturbed upwards due to the gravitational attraction of the ice sheet. Solid Earth is depressed downwards due to the mass of the ice sheet. (b) Local relative sea-level fall due to a decrease in gravitational attraction by the ice (red dashed line shows previous position), combined with solid Earth rebound (green line shows previous positions) due to the ice sheet having a smaller mass. Far-field sea-level rise is due to the addition of meltwater into the ocean. Adapted from /Tamisiea et al. 2003/.

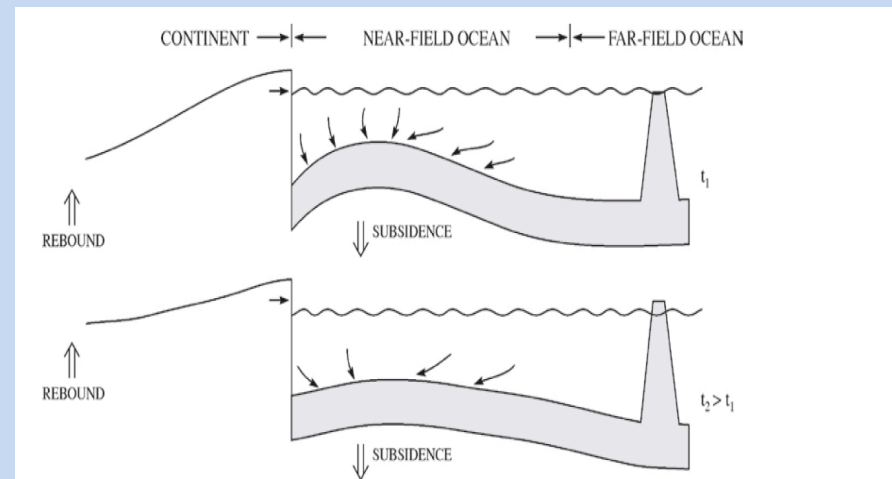
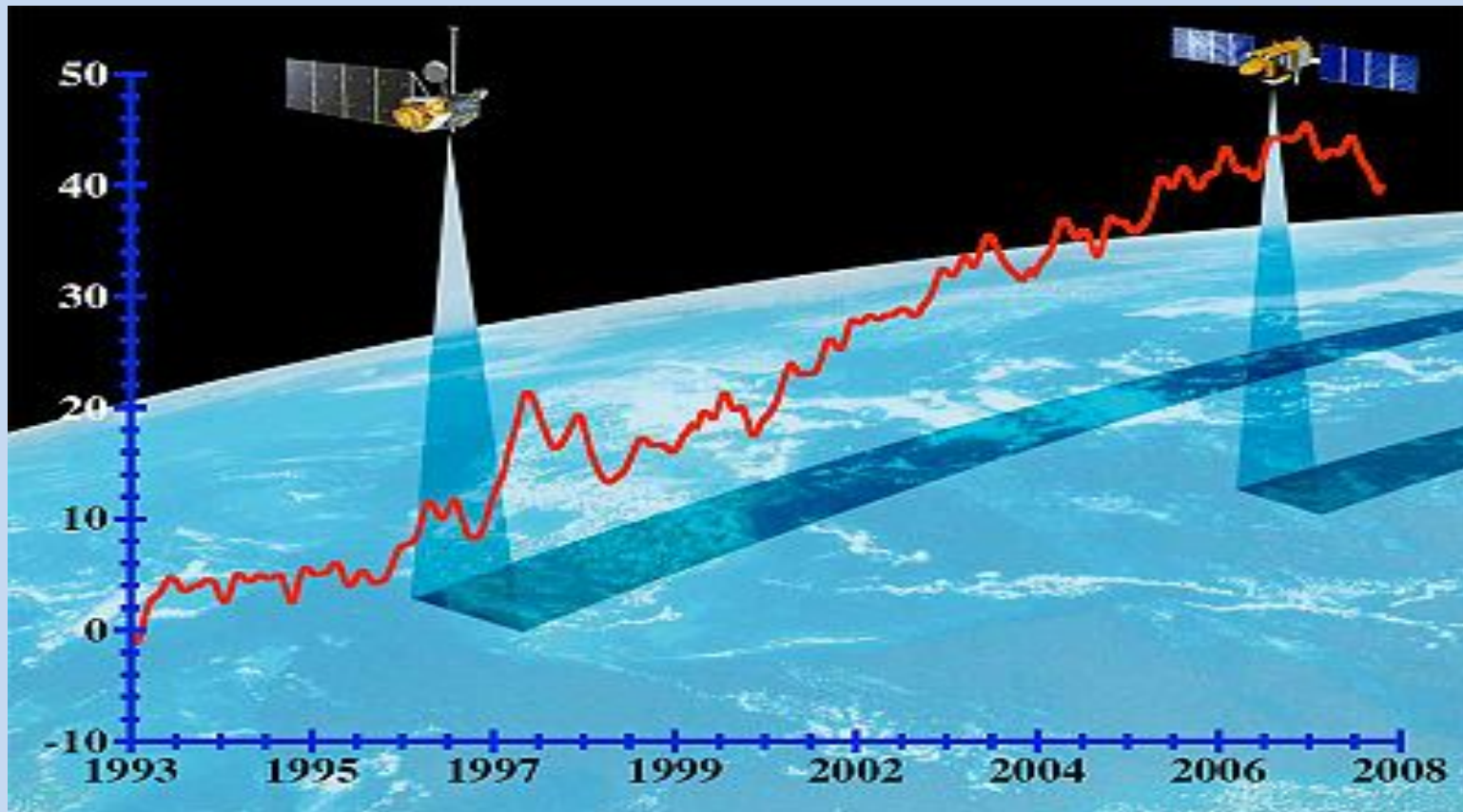


Figure 3-6. Processes contributing to ocean syphoning. The upper figure illustrates the situation immediately following deglaciation. The lower figure illustrates the situation at a later time. Near-field peripheral bulge subsidence results in local relative sea-level fall. Syphoning of water from the far-field results in far-field relative sea-level fall. Adapted from /Mitrovica and Milne 2002/.



“Measurements???”

**Did the Code Used to Analyze Sea Levels
Add Results of C Band & Ku Band Radars?**





“Easy” Math for SLR

Latest Sea-Level Rise Estimate = 2.9mm/yr.

If Radar Doubling is a Valid Key, then:

$$\frac{1}{2} \text{ of } 2.9 = 1.45$$

Knockout 0.3mm GIA as Inappropriate?

Result?

Worldwide SLR = 1.15mm/yr.



Science Is NOT Complete

When you thankfully achieve the
results you were expecting!



Measure, Calibrate, Verify,
(& most important) Validate!!!

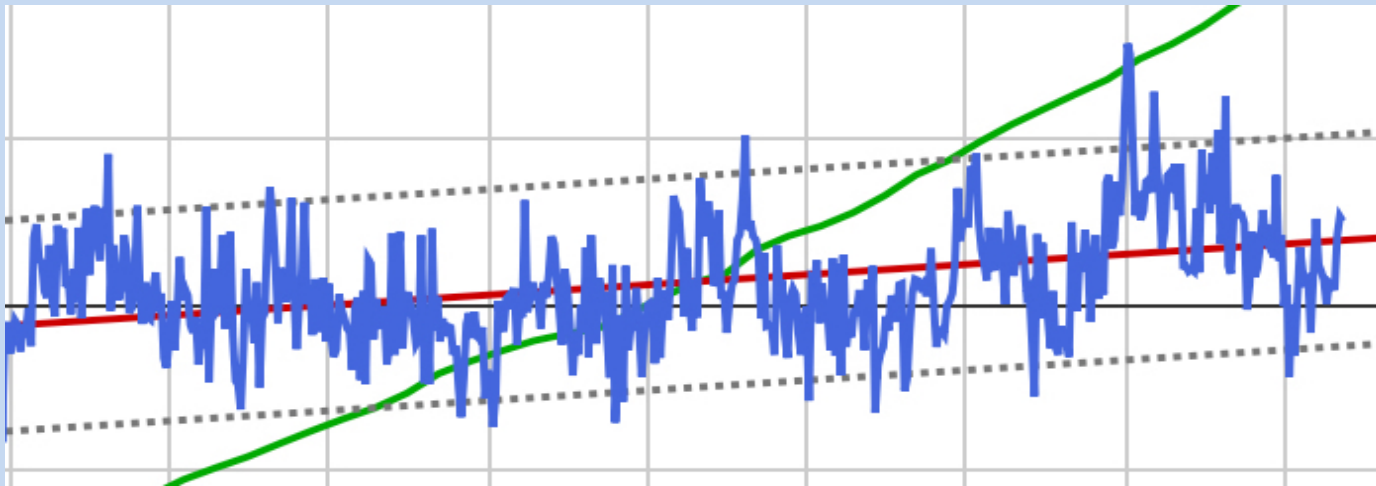




Mandatory Public Policy

The claimed SLR/CO₂ linkage is **barred from use** in any law, regulation, or policy, until the 95% prediction zone is sequentially pierced for 10 yrs.

Boston Subset 1975 - 2017

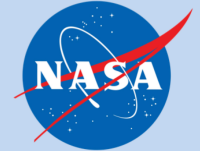
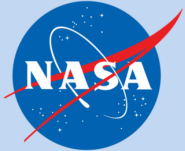




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Proposed NASA Policy On Sea Level & Climate Information Transparency

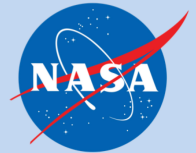
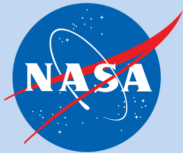


Data Transparency: Absent National Security Considerations, all raw data acquired from NASA sources, adjusting formulas, program code, and validation processes dealing with Sea Level & Climate Analysis will be organized and made available for public download prior to public reporting.

Externally acquired information from IPCC and other sources will be required to adhere to the same transparency rules.



Personal/Formal Request to Administrator Bridenstine

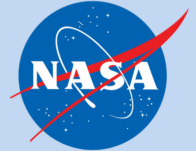
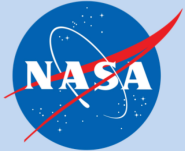


NASA funds may not be made available to persons or institutions failing to comply with Sea Level and Climate Information Transparency.

Implementation will follow NASA analysis of a 120 day period allowed for acquisition of requested public comments.



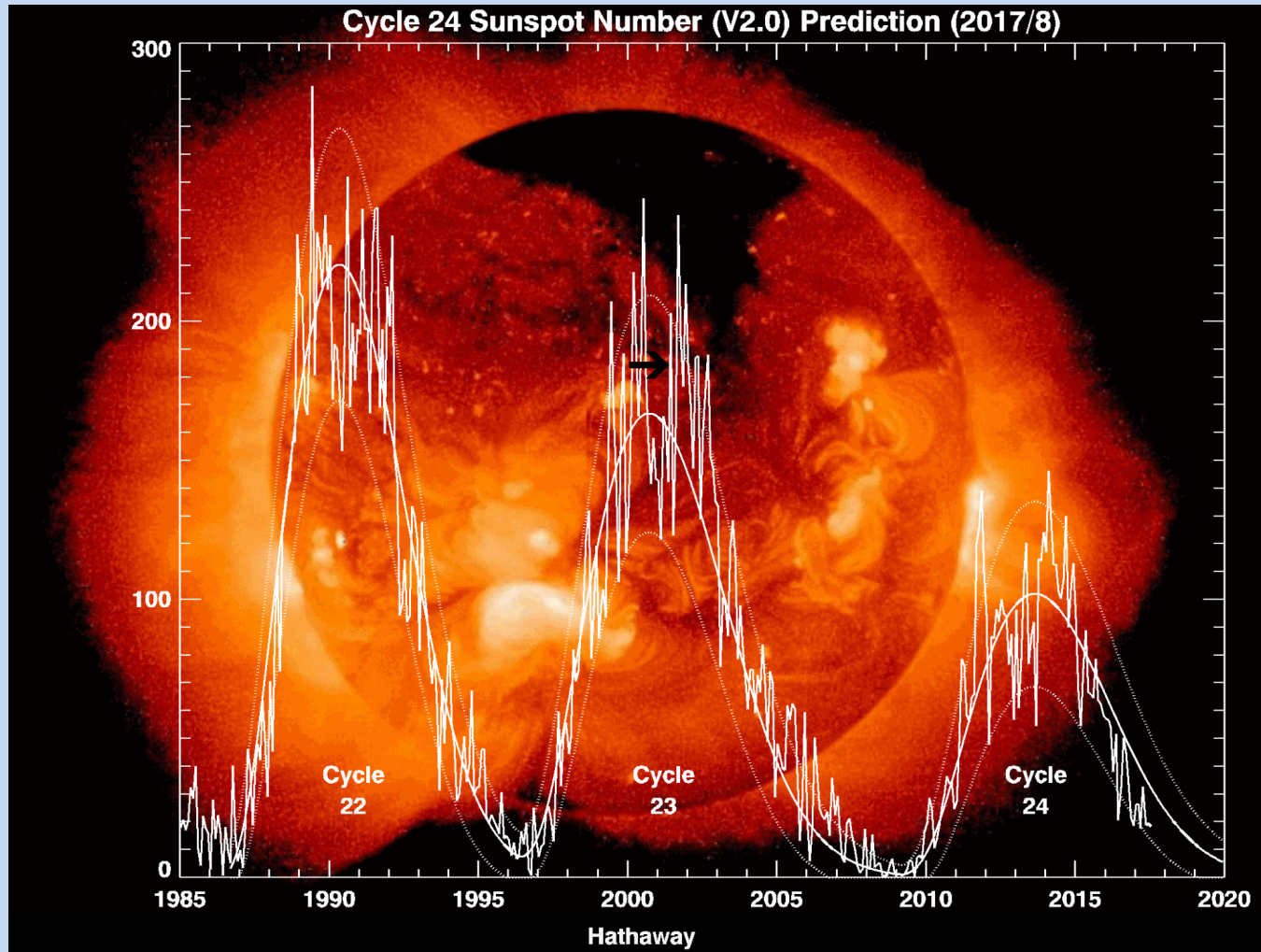
Recent (10/19/2018) Quote by Administrator Bridenstine



“Look, if I start engaging in what to do about the science that we receive, then it politicizes what NASA is all about, and we don’t want to do that. All we’re going to do is study the planet and make sure that all of that data and all of that science is made available to the public.”

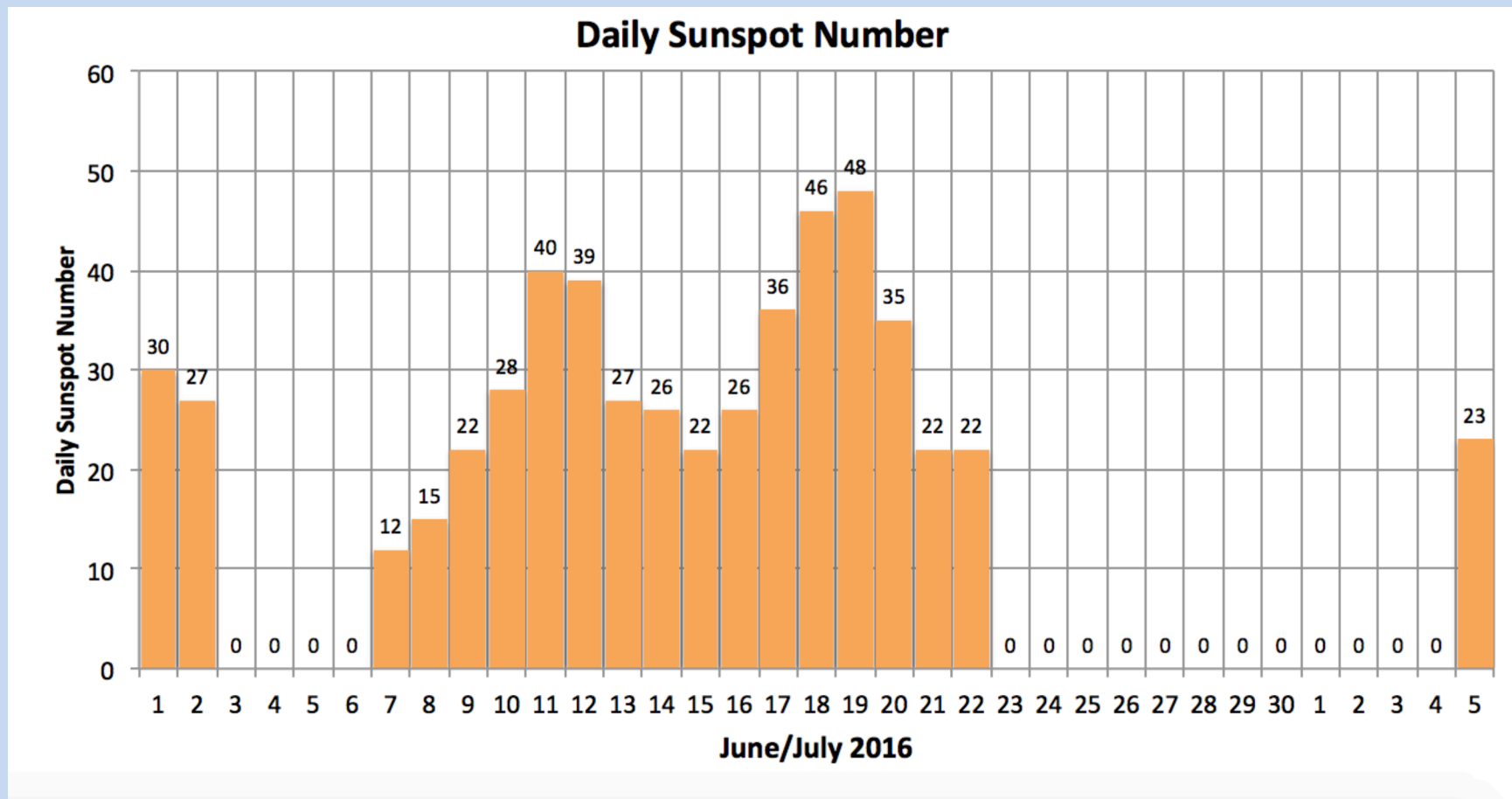


Solar Activity





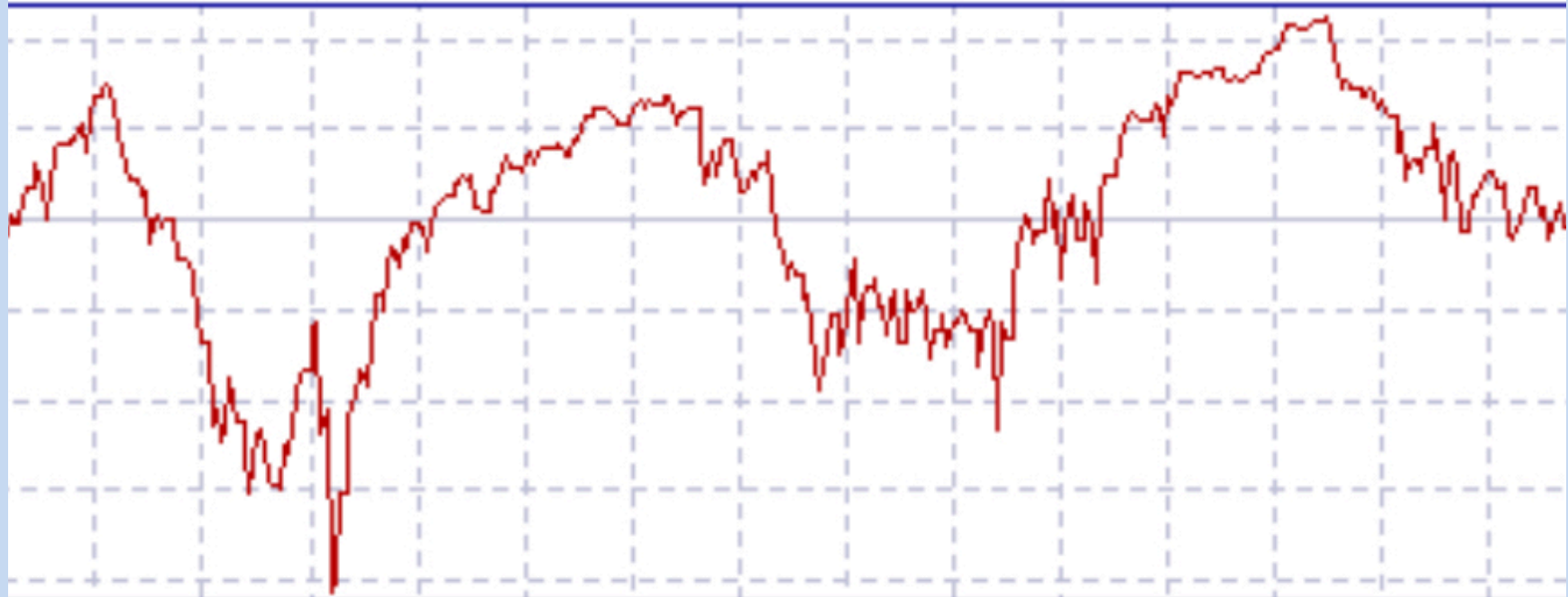
June-July 2016 Sunspot Activity





Cosmic Rays (Inverse to Sunspot #s)

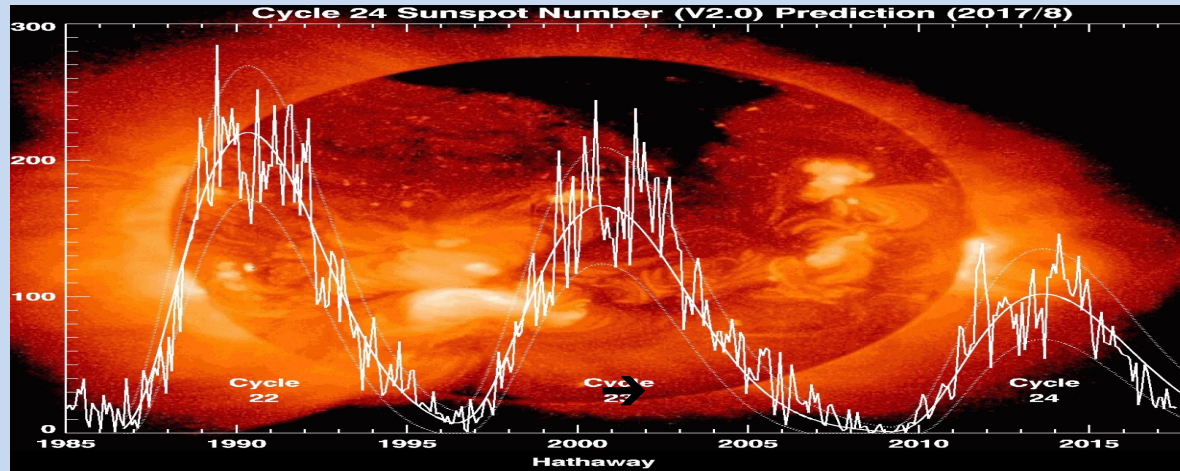
13). Monthly averages. Average CR: 6156.25



5 1987 1989 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 20
years



Solar Activity vs. CRs





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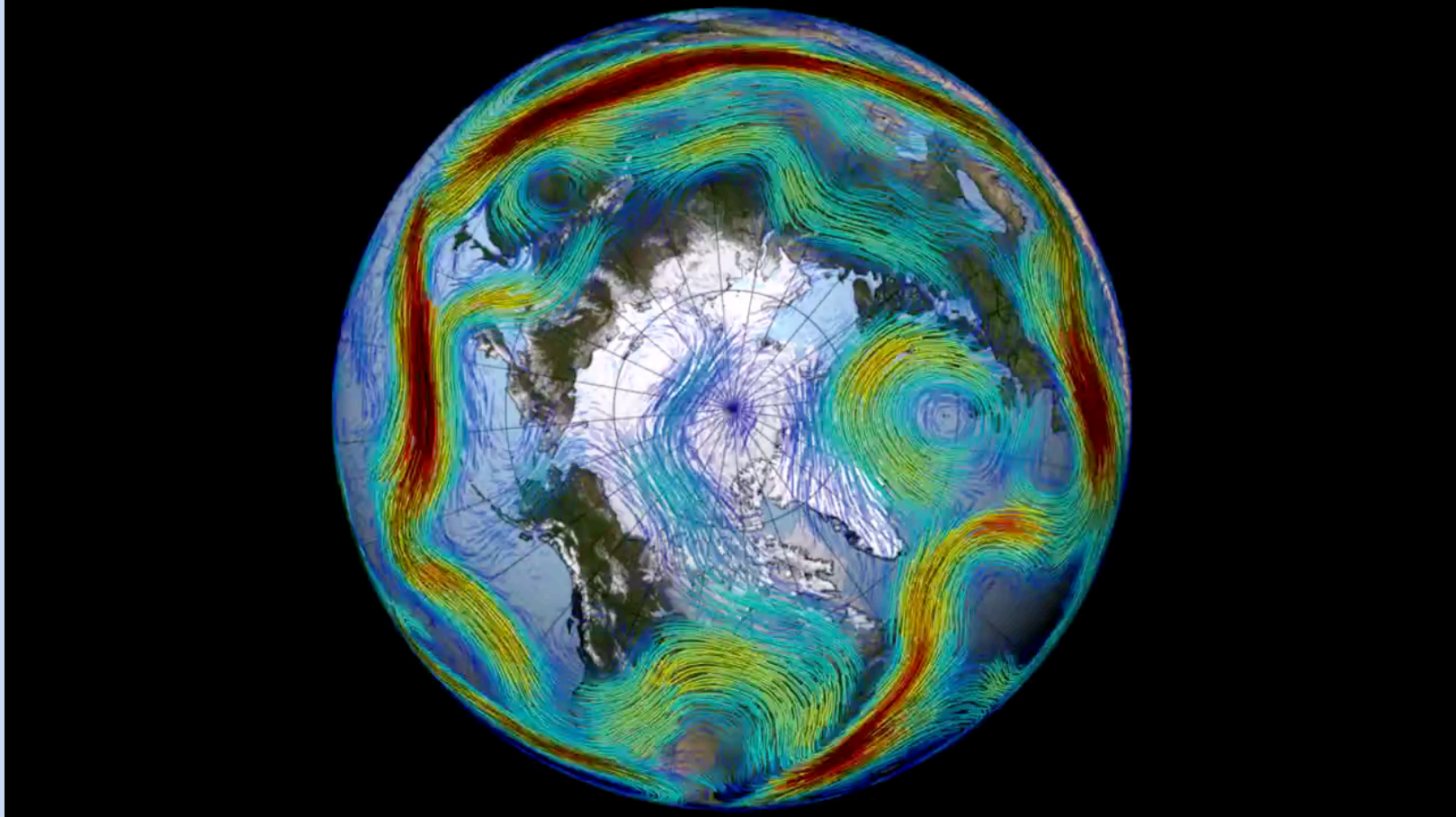


Cosmic Rays (Effect on Clouds)





Jet Stream





CO₂ & Sea-Level Rise

Is There Cause and Effect?
None Verifiable!

Does a Rise/Fall in One
Increase or Decrease the
Other? **Uncorrelated!**



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The Colder Side of Global Warming©

Presentations by Tom Wysmuller

441 Shore Rd; PO Box 746
Ogunquit ME 03907-0746

1-207-646-8345

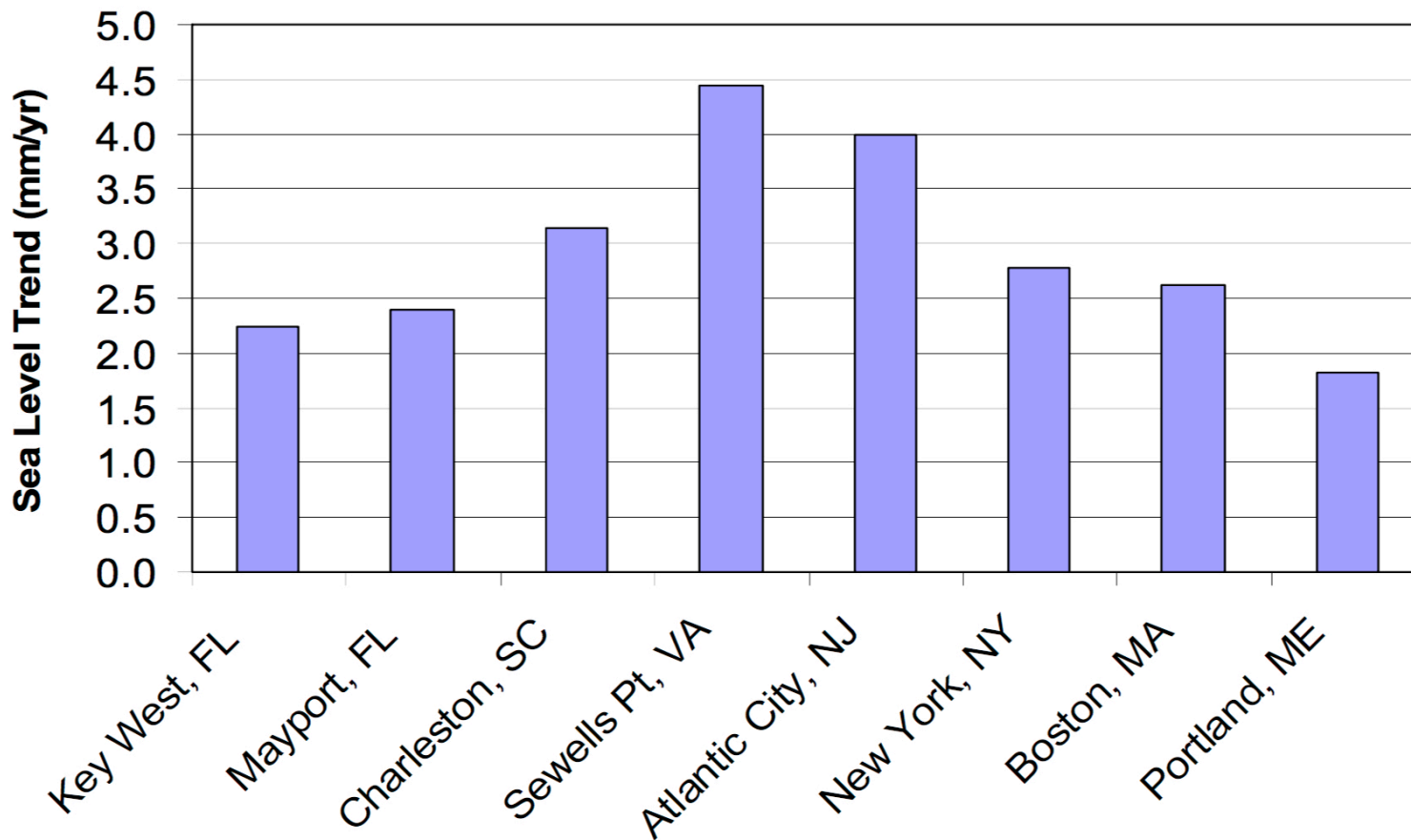
1-860-614-1260 Mob.

tom@colderside.com

<http://www.colderside.com>

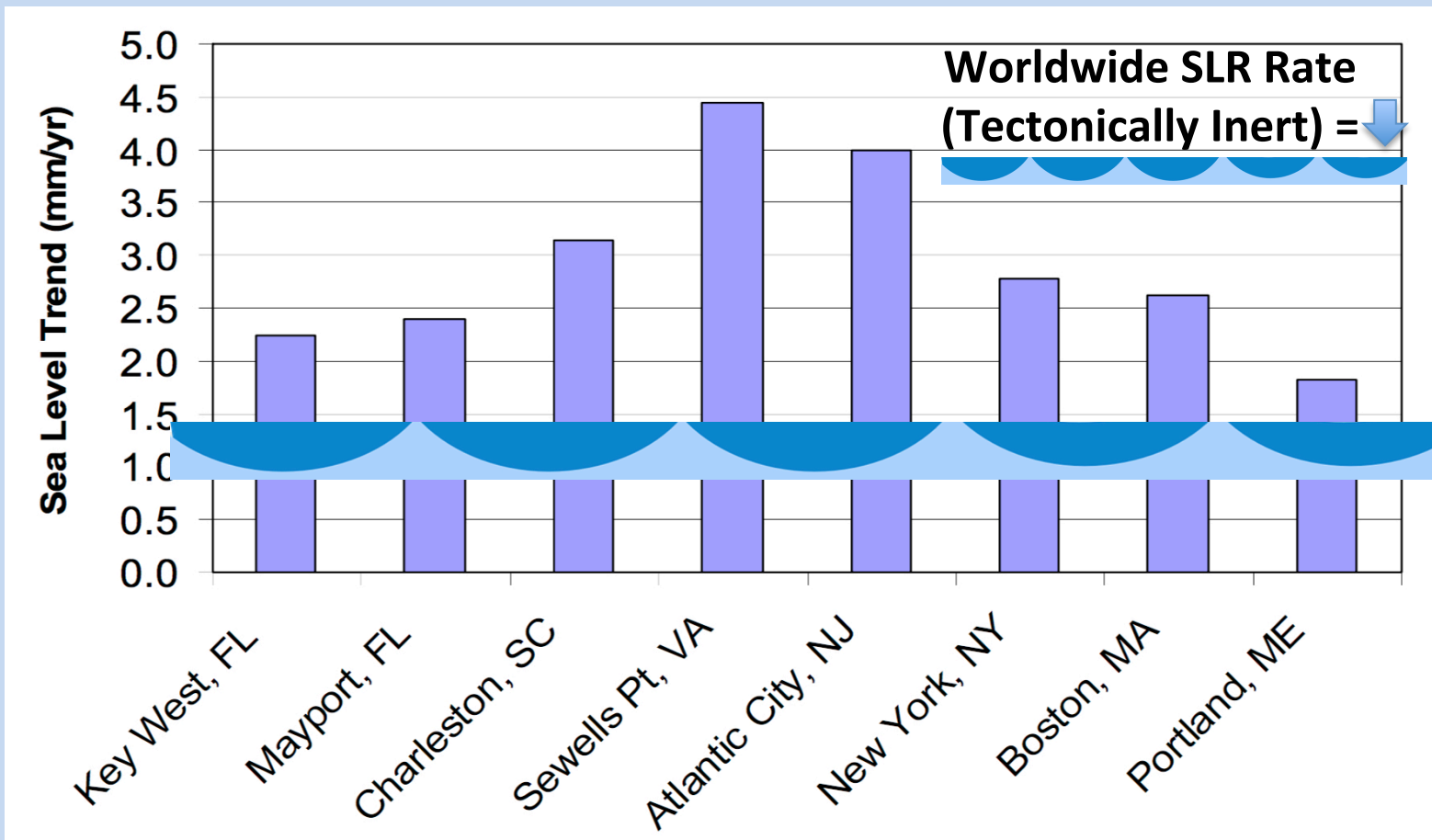


East Coast Land & Sea-Level Trends



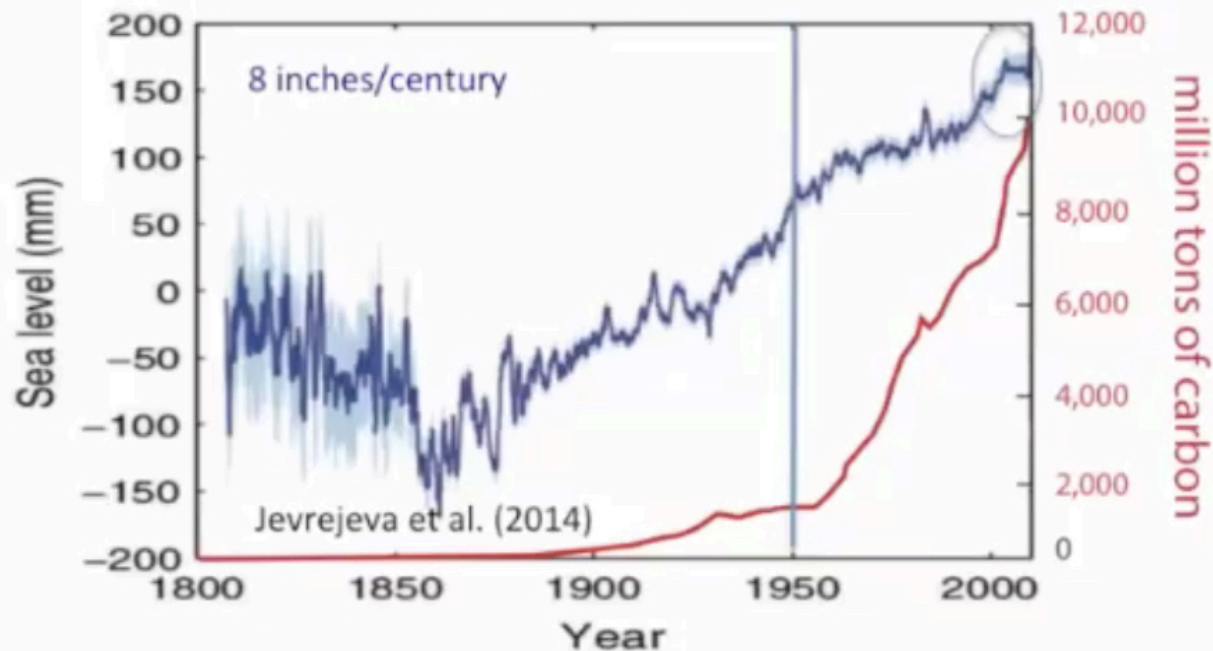


East Coast Land & Sea-Level Trends



Dr. Judith Curry's 2018 Graphic: Human Emissions have no SLR Signal

Is CO₂ the 'control knob' for global sea level rise?



- Global sea level rise started ~1860, well before fossil carbon emissions became significant
- Steep increase in emissions 1950 – 1980 is associated with little sea level rise



GHGs by Source & %

**Source
Percent**

$$N + H = T - ReA = I$$

$$97 + 3 = 100 - 98.5 = 1.5$$

Table 3. Global Natural and Anthropogenic Sources and Absorption of Greenhouse Gases in the 1990s

Gas	Sources			Absorption	Annual Increase in Gas in the Atmosphere
	Natural	Human-Made	Total		
Carbon Dioxide (Million Metric Tons of Gas) ^a	770,000	23,100	793,100	781,400	11,700
Methane (Million Metric Tons of Gas) ^b	239	359	598	576	22
Nitrous Oxide (Million Metric Tons of Gas) ^c	9.5	6.9	16.4	12.6	3.8

Emissions of Greenhouse Gases in the United States 2004

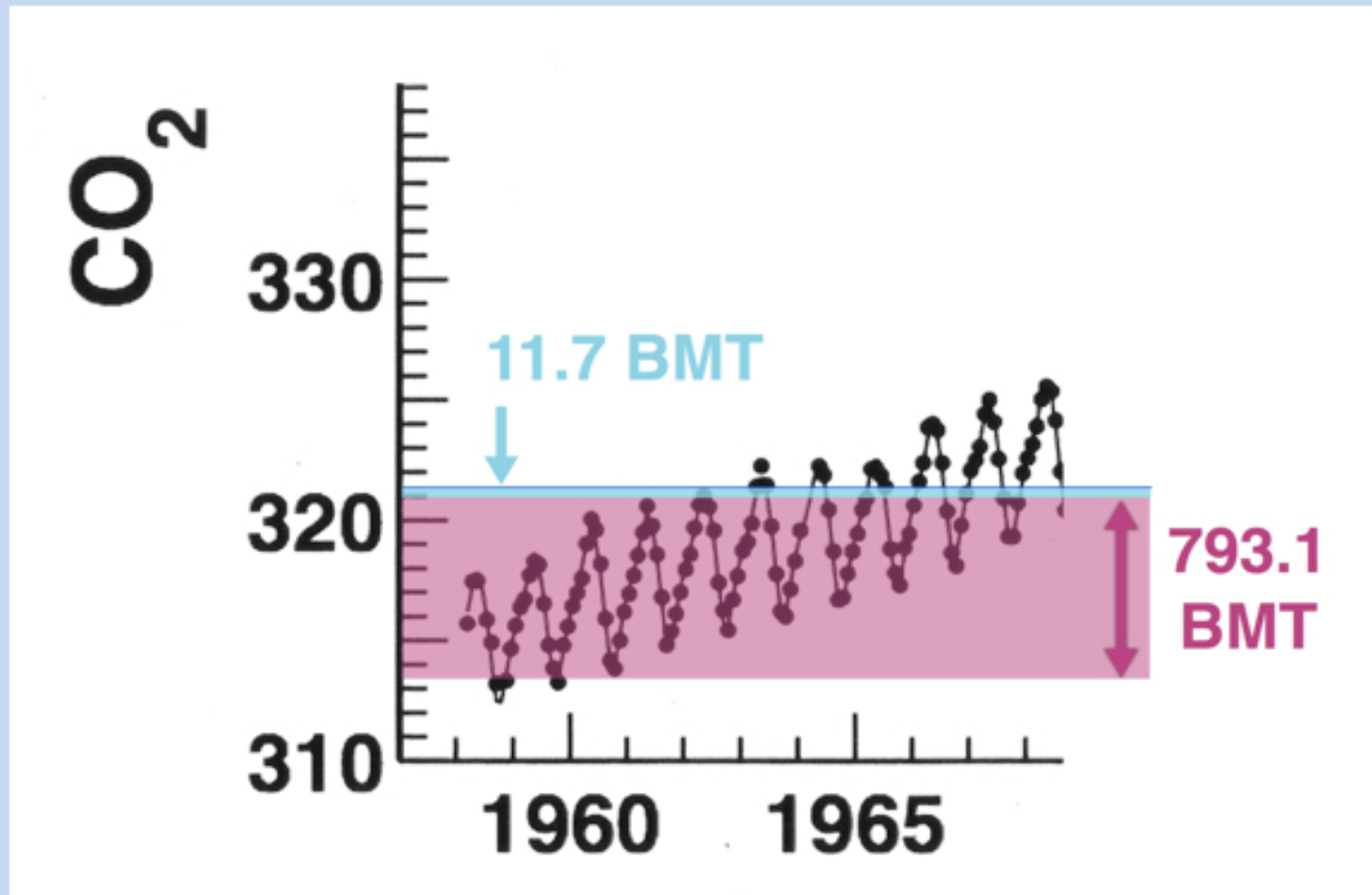
Energy Information Administration
Office of Integrated Analysis and Forecasting
U.S. Department of Energy

Source: Intergovernmental Panel on Climate Change, *Climate Change 2001: The Scientific Basis*
(Cambridge, UK: Cambridge University Press, 2001).

<http://tonto.eia.doe.gov/FTP/ROOT/environment/057304.pdf>

Annual CO₂

Addition, Re-Absorption & Net Increase

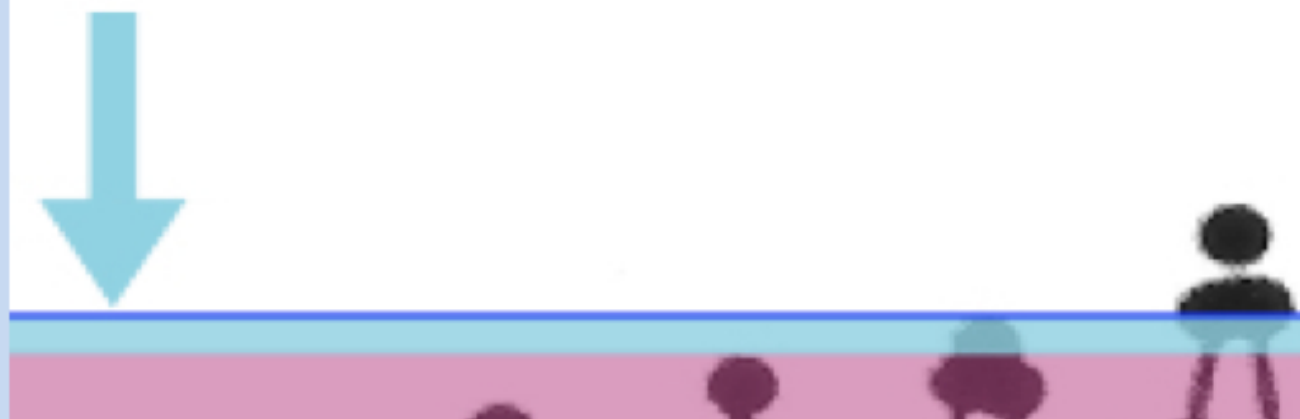


Annual CO₂ Increase

Effectiveness of Reduction Plans

Most Ambitious Targets = 400 MMT

11.7 BMT

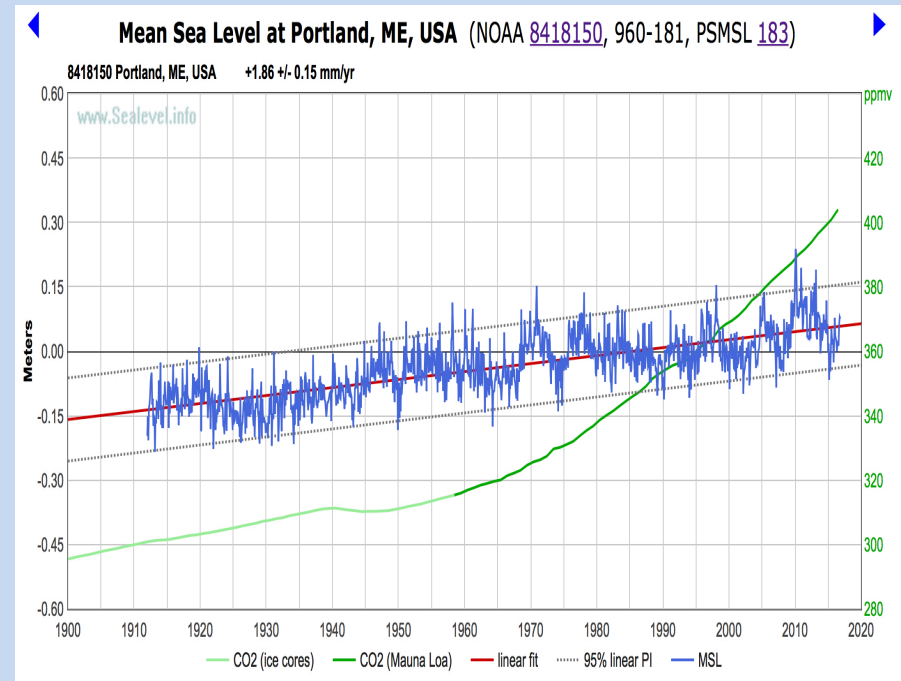
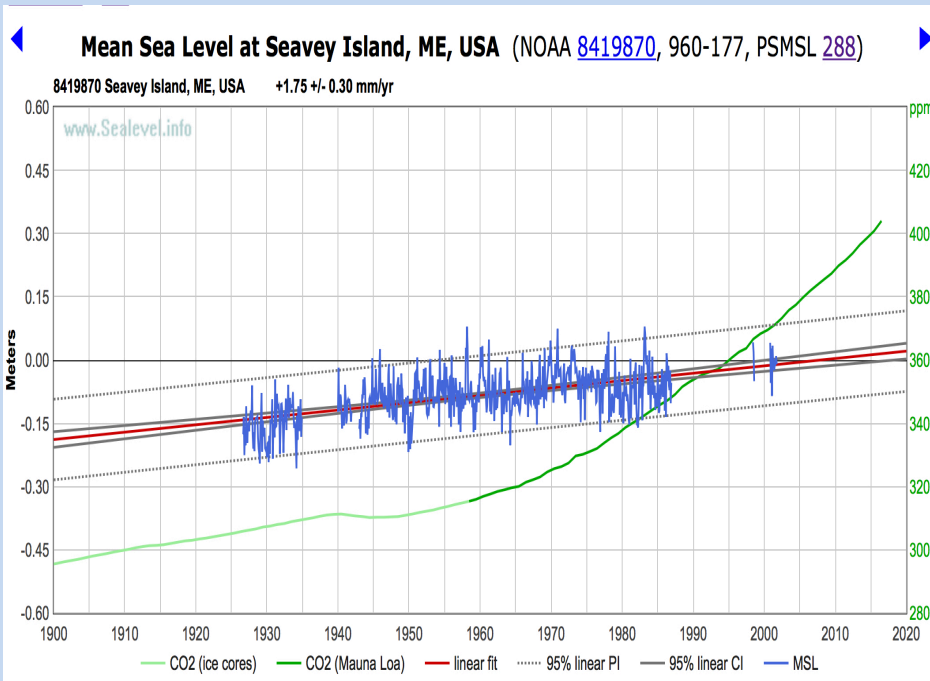




Massive 44% CO₂ Increase Since 1880

Any sign of Sea-Level Rise Accelerating in The New England Region?

Portsmouth NH & Portland ME Regional Sea-Level Rises are Linear!!!)



August 1912 = January 2015 **103 years** to the millimeter