

Anthropogenic Global Warming, aka Climate Change, aka Climate Disruption, aka Carbon Pollution *(To Me, It's a Scam)*

National Coal Transportation Association
Denver, CO
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About WeatherBELL

- Founded in 2011
- Headquarters: New York, NY
- WeatherBELL Analytics assists weather sensitive

businesses to better manage their weather risk.

- Focused on energy and agriculture industries
- Combine qualitative forecasting skill with quantitative data and technology development
- Forecasting services extend from short term to six months and beyond
- Customizable data and forecast solutions for industry clients

1

Page 3

Our Forecasting Team

Joe Bastardi

Chief Forecaster

- Over 30 years of forecasting experience
- During his 32-year tenure at Accuweather, Bastardi built a large private client services business across a multitude of industries, from energy to retail
- Exceptional skills are rooted in a comprehensive understanding of global oscillations and in-depth analysis of historical weather patterns
- Using an analog approach, which finds similarities between current and historical weather patterns, allows him to make an accurate forecast, sometimes in defiance of computer model consensus
- Holds a Bachelor's Degree in Meteorology from Pennsylvania State University

Joe D'Aleo

Chief Forecaster

- Over 30 years experience in professional meteorology
- Was the first Director of Meteorology at The Weather Channel
- Was Chief Meteorologist at WSI Corporation for 17 years and created "Dr. Dewpoint" for WSI's popular Intellicast.com web site
- Is a Certified Consultant Meteorologist and was elected a Fellow of the American Meteorological Society (AMS)
- He has served as a member and chairman of the AMS Committee on Weather Analysis and Forecasting, and has co-chaired national conferences for both the AMS and the National Weather Association
- Former college professor of Meteorology at Lyndon State College
- Holds a Bachelor's Degree in Meteorology from the University of Wisconsin

2

Page 4

What is Driving This Fight?

- Science used as a tool for agenda(s). If it's science, there is enough doubt (actual refutation) that it is a non issue! Besides, let's simply watch temperatures..lines are drawn in sand pretty clearly
- Science sideshow to hide real agenda(s)
- Strawman argument: Change Global Warming to "Climate Change" then isolate, demonize, destroy opponents over redundant term
 - Climate is always changing, no one denies
 - Forced to come out with that because original argument was wrong. Strategy: Lie..

3

My Strategy: Pursue the Truth, No Matter What

Page 5

Pursuit of Truth means:

- No Reserves
- No Retreat
- No Surrender
- No Regrets

4

Some Things Al Gore Has Called Us:

- **Headline in Watts Up With That:**

Al Gore Compares Climate Skeptics to Anti-Abolitionists, Racists, Homophones, and Alcoholic Families

- **Link:**

- <http://wattsupwiththat.com/2013/08/21/al-gore-compares-climate-skeptics-to-anti-abolitionists-racists-homophobes-and-alcoholic-families/>

5

My take, It's a Morphed Political Movement: the Goebelinskyites

- **Goebels:** Tell big enough lie and stick with it, the masses will believe
- **Alinsky:** Isolate, demonize, destroy
- **Result:** Army of climatic ambulance chasers mobilizing

So I made “Mad Men of Climate-Change Denial” Picture (None of Us Smoke)

Outstanding in Field: What CO₂, Plus Rain, Plus Ideal Temperatures Really Does

Dr Richard Lindzen (MIT) Nails it!

For the Spiritual - Ecclesiastes 1:9

What has been will be again, what has been done

will be done again; there is nothing new under the sun.

For the Secular - Bob Seger

In Your Time

Towering waves will crash across your southern capes. Massive storms will reach your eastern shores. Fields of green will tumble through your summer days by design, in your time.

Song: Turn Turn Turn

- Takes the Spiritual (The lyrics are taken almost verbatim from the Book of Ecclesiastes, as found in the King James) and then turned it into a Secular statement. Rock and Roll solving all this, from the 1960s
- POINT: People have observed the swings forever, enough to sell million dollar records (haha)

AGW = The Anti-Einstein Theory

- Albert Einstein:
No amount of experimentation can ever prove me right; a single experiment can prove me wrong.
- AGW people:
No matter how much says we are wrong, we are right

Let's Show Some "Science"

- Fun with our friends at the EPA
- Basing policy on three "Lines of Evidence"
 - 1) Trapping hot spots
 - 2) Catastrophic Warming
 - 3) Models

No Trapping Hot Spot

Surface to 18k feet – No Increase in Temperatures

Central Tropical Pacific – No Increase

Temperature Moves with Ocean

Temperatures

- CO₂ continues on its merry way. Has nothing to do with temperature rise or fall:

Not Any Warmer Now Using Long Running Stations

- 1930s were the hottest decade:

Models?? We Live In the Real World

- Arrogant/Ignorant to base policy on models

More Temperature Evidence

- Fact after fact exposes the truth

21

USHCN Temperatures After 1998

Fun With the Sun (Mini Ice Age Idea)

Fact

The decrease of the TSI in the phase decline of the Quasibicentennial Cycle leads to the deficit of the energy budget of the Earth and the Little Ice Age. This would be ugly. Warmer is better than colder (easier to live, grow things)

Temp Rise Leads CO 2

Solar Cycle Decrease

More Forecasts

CO₂ vs. Temperatures

Warming Last 200 Years

1. Increase in TSI, pulling us out of cool period.
2. Oceanic cycles (PDO, AMO warm).
3. Possible saving grace (reason why I like cooling to 1970s levels, but not yet little ice age) stored heat from previous warm cycles.
4. Still, things don't look good for warming.

CO₂ - No Correlation to Temps

Percentage of Man-Made CO₂ in Air vs. Natural (Source: US DOE)

CO₂ Through the Ages

CO₂ (Grey), Temperature (Green),
Areas Flooded (Blue)

From Friends of Science

- “Heat-trapping gas is a bad description because the CO₂ molecule does not trap heat,” says Gregory, “CO₂ absorbs a photon of long-wave radiation, and immediately gives up the energy to surrounding air molecules, or emits a photon”
- Even if you argue CO₂ feedback, TSI decrease in LW radiation leaves it even more powerless

You Want it to Do What?

- 1/100 so called “greenhouse gases” (we need another term... “life giving layer” is better)
- .04% entire atmosphere, (3-5 % of that from man) which has only 1/1000th heat capacity of oceans

- So that blink of an eye process of something that small is what is leading to all this?
- By the way, we have had ice ages at 7000 ppm

Why the Weather/Climate?

- It's the design, intelligent person attending this
- 75% land in north, 75% water in south. North pole ocean, south continent, wobbles on its axis and rotates around the energy source
- A constant search for balance that it can not achieve
- Temperatures distorted back and forth

A Conclusion

Therefore, it's the sun, the oceans and stochastic events:

- Triple crown of cooling (on *O'Reilly Factor* 4 years ago)

- Oceanic cycles (which is what we will discuss)
- Solar (if this is right, Victoria's Secret will not be flimsy nightgowns, but temperatures from the Victorian era— meaning big bulky bathrobes)
- Wild Card (stochastic – volcanoes, etc)

42

Page 44

Recent Temperatures since Triple Crown of Cooling Introduced on O'Reilly

43

Page 45

Enough of the CO₂

- Even though its colorless, odorless, and needed for life on the planet, I'm sick of it.
- Lets talk some extremes...Is it getting worse?

You Make the Call, Does this Look Worse? (From Dr. John Christy)

How About the Heat? Is it Worse? (From Dr. John Christy)

Fun With Hurricanes.. Hit Points

1901-1920: 85

1921-1940: 83

1941-1960: 106

1961-1980 (AMO Goes Cold): 51

1981-2000 (Had to Add 97-00: 70)

We May Have Had 2005..In 1933

Another Conclusion

- Has not caught up with last cycle so it means 1 of 2 things:
 1. We have not had the worst so far.
 2. We have been lucky that it has not been worse.

Cold PDO, Warm AMO. Look Out Next 5-7 Years

- One would expect the extreme for hurricanes to be the “normal” because we are back in the 1950s.
- This is simply a repeat of the last cycle.
- Big numbers may come down in Atlantic, but threat of major impact still high on coast

They Are Only Betting on What Happened Before to Happen Again - 1940s

1950s

Is CO₂ “Protecting” Us? (sarcasm)
But Certainly no linkage to “increase”

From Dr Bill Gray

It's the Warm AMO That Causes It!

Major Global Downturn

- Air is drying over the tropics, opposite of the IPCC/EPA trapping hot spot theory
- Atlantic downturn in numbers: Early dry air, and cooling of Asian sub-continent water, affecting African wave train.
- Atlantic in warm cycle, so big hurricane threat still in cards

It's Like the Woody Allen Movie, *Bananas*

- “Is Global Warming Causing More Snow and Less Snow at the Same Time?” By Joe Bastardi March 15, 2013
- In the Woody Allen comedy classic, "Bananas," there is a scene where the CIA sends US troops to fight on both sides of a revolution because they're afraid of being on the wrong side
- More floods? AGW; more drought? AGW; more snow? AGW; less snow? AGW...and on it goes

62

So My Question: Just What Do You Think Should Happen?

- Reliance that you don't know this is what is driving a lot of the hysteria. Businesses have to develop spread between truth and hysteria. The future is uncertain enough, but the confusions caused by climate ambulance chasers adds to your woe.
- Just what does it gain someone like me to minimize the mystery? After all why should someone be valuable if he is simply showing what

was there? My dog in fight: the right answer.

63

It is Noble to Think Global ACE Activity is Down

Page 65

64

Tornadoes - Another “Non Issue”

Page 66

It's the PDO, Intelligent Person Watching This

Page 67

Forecast From Ideas 40 Years Ago, Made a Week Before Last Outbreak

Page 68

Moore OK outbreak, forecast from Sat, May 25

May 31, You Could See Severe

Weather Threat Coming

Spring See-Saw - Peak, Then Next Cold

DROUGHT, FLOODS...NOT

The Extremes Are Normal...Not a New Normal

- Cyclical natural events cause the ebb and flow.
- Next 5-10 years: droughts, hurricanes, and tornadoes big.
- Hurricanes decrease 10-20 years. Still dry, but cooler. Tornadoes still big.

How Can We Use the Past to Help With the Present?

Page 74

- Example of forecasting without worry about CO₂ (Sandy).
- Looking at the 1950s.

Sandy Example - Used Hurricane Hazel Analog of 1954

Page 75

Sandy Same Pattern, but a Bit Further East!

Hazel Versus Sandy

Money Where My Mouth Is: SOUND METEOROLOGY!

Sandy Forecast From October 21

Monday, October 22

Tuesday, October 23

Wednesday, October 24

Thursday, October 25

NOAA Forecast for 6 hours AFTER
Actual Landfall

Friday, October 26

Saturday, October 27

Sunday, October 28

Monday, October 29

POTUS “Progressive?” Better Look at the Past to Get a Clue

- When tropical Pacific cools (cold PDO) the US is drier at first, so warmer (sun does not waste energy evaporating warmer. Globe cools, US does not)
- OPPOSITE WHEN TROPICAL PACIFIC WARMS (1980s to early 2000s) No one tells

president, or if they did, he ignored it. Next
chart says it all

88

How Did No One Tell Him Before He Said What He Did in Texas Last Year?

Page 90

89

Pattern Is Now Very Similar to 1950s

Page 91

- Cold PDO, warm AMO

Summers of 1950s (Temperatures)

Summers of 1950s (Precipitation)

Summers 1952-1954 vs. 2010-2012

Similar Pacific Cycle

Similar Atlantic Cycle

Why?

- Cooling Pacific tropics (cold PDO) changes input of energy to atmosphere, leading to less moisture over US.
- Sun does not work as hard to evaporate water out of the ground. This means it can warm ground, which warms air.
- Warm Atlantic tropics (warm AMO) shifting upward motion to over the ocean, enhanced hurricane in western Atlantic!
- IT'S NATURE, NOT MAN, and we are here now!

The Upcoming Winter

- 3 Major factors
 - 1) Tropical Pacific
 - 2) Atlantic Ocean “tripole”
 - 3) Solar Activity
- I think a weak central Pacific warm event

develops, with a warm/cold/warm north-south temperature pattern in Atlantic, and low geomagnetic activity. This favors blocking

Analog Years

- 2002-2003; 2004-2005; 2006-2007; 2009-2010
 - We double weight 02-03 and 09-10 because before they occurred, we had the central Pacific very cool for a couple of years
- First let's look at a warm event, examples in 1982 and 1997

1982-1983, 1997-1998 El Nino

Same Years, Upper Pattern Anomaly

Years I Have:

Computer Model for This Year

500mb Pattern in My Years

103

Computer Model

Winter Idea from Analogs

Please Note:

You are seeing the models forecast an event that is because of the big natural drivers we have picked out. There is no magic CO₂ fairy dust causing blocking, or heat waves in one spot, or

droughts. It's the weather and its natural swings, and we can use past events to see that!

The Sea Ice Lie

- Is this a Global Issue or not?
- Northern Hemisphere melting is a product of warm cycles of oceans, especially Atlantic. This will flip in 10 years.
- But what about south.? Anyone watching?

Southern Hemisphere... Breaking Records!

Northern Hemisphere: Expected Warm AMO Shrinkage, but Nowhere Near Gone

Lack of Ice at the North Pole. Been

There, Done That: 1958

And 1962

And May 1987

Today: No Day at the Beach

Coldest Summer on Record, North of 80 North

Page 115

Guess Who is Happy Happy Happy?

Page 116

Questions?