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The Science and Pseudoscience of Contrails and Chemtrails

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[Kucinich, Chemtrails and HR 2977](#)

May 19, 2007 [Uncinus](#) [78 comments](#)

One of the more pervasive myths regarding “chemtrails” is that current presidential candidate Dennis Kucinich tried to have them banned by an act of congress, but was pressured by the government to modify the act to remove the mention of “chemtrails”.

So what really happened? In a nutshell, Kucinich did not write the bill (or read it, until too late), the focus of the bill is *nothing* to do with chemtrails, it was written by UFO enthusiasts trying to:

1. Nullify a vast conspiracy by the “military-industrial complex”
2. Allow the use of suppressed alien technology for free energy
3. Avoid accidentally shooting down (or scaring away) visiting aliens.

They listed a bunch of weird weapons, including mind control, tectonic weapons and (very briefly) chemtrails. The bill was re-written several time in less unusual language to give it chance of passing, but ultimately fizzled in committee.

The specific act was [HR 2977](#), the “[Space Preservation Act](#) of 2001”, the stated goal of which was:

“To preserve the cooperative, peaceful uses of space for the benefit of all humankind by permanently prohibiting the basing of weapons in space by the United States, and to require the President to take action to adopt and implement a world treaty banning space-based weapons.”

The initial version of the act is the only one that makes mention of “exotic weapons systems”, listing several technologies that will be familiar to conspiracy theorists:

- (i) electronic, psychotronic, or information weapons;
- (ii) chemtrails;
- (iii) high altitude ultra low frequency weapons systems;
- (iv) plasma, electromagnetic, sonic, or ultrasonic weapons;
- (v) laser weapons systems;
- (vi) strategic, theater, tactical, or extraterrestrial weapons; and
- (vii) chemical, biological, environmental, climate, or tectonic weapons.

Yes, it even includes “extraterrestrial weapons”, meaning weapons created by aliens (or created from alien technology from crashed flying saucers at Roswell), as well as psychotronic (mind control) weapons. Yet somehow “chemtrails” gets all the attention here.

Who wrote this? The original language for the bill was actually created by Alfred Webre and Carol Rosin. See, from Webre’s web site:

<http://www.exopolitics.com/>

With Dr. Carol S. Rosin and many others, [Webre] is a co-architect of the Space Preservation Act and the Space Preservation Treaty introduced to the U.S. Congress by Congressman Dennis Kucinich (D-Ohio) to ban space-based weapons.

And also

<http://www.exopoliticsinstitute.org/advisory-board-PP&M.htm#Webre>

With others, **Webre is a co-architect** of the Space Preservation Treaty (www.peaceinspace.org) and **the Space Preservation Act that was introduced to the U.S. Congress by Congressman Dennis Kucinich** and is endorsed by over 270 NGO's worldwide.

Webre and Rosin started an organization called the “[Institute For Cooperation In Space](#)“, an organization whose [primary purpose is to promote adoption of the Space Preservation Act](#). The ICIS states on its web site in part:

Humanity is on the threshold of a quantum leap in consciousness and endeavor. We must now take action to preserve this grand opportunity by preventing the weaponization of space.

We have a critical choice – to explore the great unknown of outer space or to risk continued suffering and disasters, devastation or obliteration. We can rise above different perspectives and actions that didn't, don't, and won't cause second order change, actions that recognize our high consciousness and human potential applied with out-of-the-box thinking and intention to cause second order change, or we can continue the status quo of protesting the old and accepting the same that would only lead us to more violence instead of peace.

The whole site has a very “new-age” feel to it. Seemingly if only this act is passed, the military-industrial complex will turn from its warlike ways, and humanity will enter a new age of cooperation, progress and raised consciousness. The rationale for a weapons ban is never clearly explained. Nor is it explained why having weapons in space will prevent normal research and exploration of space. Obviously we would all like to see less deadly weapons floating over our heads, but is a total ban vital to the next stage of human evolution? ICIS seems to think so.

Indeed, when you talk about things in simple terms, an “international ban on weapons in space” sounds like a great idea. Like a ban on chemical weapons, it saves money and makes the world a safer place. So it's not hard to get people to support such a ban.

The more well-known face of the ICIS, is [Carol Rosin](#). Rosin claims that in 1974 rocket scientist Werner Von Braun told her “Carol, you will stop the weaponization of space”, and described to her a vast conspiracy by the military-industrial complex to raise a series of fears to justify space-based weapons. Since then, Rosin has dedicated her life to exposing this conspiracy, and allowing humanity to expand it's consciousness into space. [Here's a video of her explaining this](#).

The video shows Rosin speaking at “[The Disclosure Project](#)“, an organization working to “disclose the facts about UFOs, extraterrestrial intelligence, and classified advanced energy and propulsion systems.” Rosin herself only briefly touches on this in her speech, but it is clear she believes that the government has alien technology, and is withholding it from the people. The other board members on the ICIS are co-founder [Alfred Webre](#), Brian O'Leary and Daniel Sheehan, all of whom are *deeply* involved with The Disclosure Project.

Rosin commented on the “chemtrail” changes in the Bill here:

<http://www.nwbotanicals.org/mediawatch/kucinich.htm>

Comment

From Carol Rosin

rosin@west.net
1-28-2

Perhaps I can help correct some fuzzy information that is being spread about H.R.3616, the Space Preservation Act of 2002, and Congressman Dennis Kucinich.

This bill will only ban space-based weapons and the use of weapons to destroy or damage objects in space that are in orbit. It is NOT a bill to ban chemtrails and/or psychotronics or mind control devices or any specific weapons listed in the category of definitions in the original bill.

I'm not sure where that rumor started, but in any case, those definitional were only listed on the original bill for definitional purposes...to exemplify what space-based weapons might be deployed in space if the space-based weapons bill isn't passed. Frequently bills are revised, and things like definitions are removed. No big deal. The legislation is in no way compromised. This Congressman and his legislation maintain their integrity and commitment to ban space-based weapons. It was never a bill to ban chemtrails or mind control technologies.

So what's Kucinich's involvement in this? It's difficult to say. Kucinich is anti-war, so perhaps that's his motivation. He [does have a lot of new-age, UFO-believing, friends](#), but he's also running for president. When he was made aware of the nature of the "exotic weapons" language in the bill, it was re-written, and when questioned about it, he said

"I'm not into that. Understand me. When I found out that was in there, I said, 'Look, I'm not interested in going there.'"

Kucinich's motivations are perhaps revealed by his [speech to the house on May 18th, 2005](#), introducing a newer version of the bill:

"What has happened to our country? Why are we projecting fear and paranoia to such heights? Have we so lost our way and our faith that we are prepared to transform the heavens into hell? If the kingdom and the will of God is to be done on earth as it is in heaven, what is to happen when the United States takes nuclear fire up to the gates of heaven?
"Such an offense against humanity could bring the wrath of God upon this nation."

So Kucinich thinks that space based weapons will offend God, since space is close to heaven, and if you put nuclear weapons near heaven then God will be offended and bring his wrath against us.

If you actually ARE a conspiracy theorist, then all this will come as little surprise to you. You will already believe the government is covering up technology based on crashed UFOs. Yet HR2977 is constantly being mentioned solely to make the case that "chemtrails" are something the government is aware of. The reality is that they were simply given a passing mention in bill written by new-age UFO conspiracy theorists and sponsored by an eccentric politician, all of who believe in things that are far more unusual than "chemtrails".

[contrails](#) none

Comments

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Written by [socrates](#) on May 25, 2007.

Dude, I cannot believe you wrote this about a week ago. I am someone who has been {humbly}

looking deep into chemtrails for about two years. Somehow I ended up at this same story, just after yourself. It's funny, a few weeks ago I wrote a post that included chemtrail central discussion of Kucinich and the space preservation bill.

Sorry I don't have more to say. I just started a new forum. If you check it out please don't let what is there now scare you.

The scariest part for me is one link I just read said that for activists to succeed, they must stick to one issue until they win. The writer was saying that Rosin was an alphabet product. Actually, I found some old thread with a Jay Reynolds somehow posting at a place called Megasprayer. He led me to this story.

Anyway, my initial thought is this. Why would "chemtrails" be put into even a draft of a bill {not sure exactly what happened}, why do that if chemtrails is a crazy internet hoax, that chemtrails are contrails?

Thanks, I actually haven't read your paper yet. It looks good. I am glad to have found this website and am looking forward to checking this place out.

Thanks for your time, "socrates"



Written by [Uncinus](#) on May 26, 2007.

Anyway, my initial thought is this. Why would "chemtrails" be put into even a draft of a bill {not sure exactly what happened}, why do that if chemtrails is a crazy internet hoax, that chemtrails are contrails?

Because it was a mistake. They were just listing exotic weapons, and that's something they thought was an exotic weapon.



Written by [JazzRoc](#) on November 6, 2007.

Well, it has come home to roost now, as "Tell me then, if chemtrails don't exist, why the US Senate mentions them in a Bill?"

This topic is PROOF of anti-gravity, one tug on the bootlaces, and up it comes... keep up the good work. JazzRoc



Written by wildwelder az on February 20, 2008.

more government deicet and cover up ,there are CHEM TRAILS just as there are CON TRAILS the difference is con trails disapate and chem trails form clouds.
WHY DOESN'T SOMEONE TELL US THE TRUTH.



Written by [Uncinus](#) on February 20, 2008.

Contrails do not always dissipate. Look in the encyclopedia.

<http://contrailscience.com/persisting-and-spreading-contrails/>

Contrail, streamer of cloud sometimes observed behind an airplane flying in clear, cold, humid air. It forms upon condensation of the water vapour produced by the combustion of fuel in the airplane engines. When the ambient relative humidity is high, the resulting ice-crystal plume may last for several hours. The trail may be distorted by the winds, and sometimes it spreads outwards to form a layer of cirrus cloud. vapour trail. (2007).

In Encyclopædia Britannica. Retrieved May 4, 2007, from Encyclopædia Britannica Online:
<http://www.britannica.com/eb/article-9074829>



Written by [Ross](#) on April 14, 2008.

“WHY DOESN’T SOMEONE TELL US THE TRUTH?”

Here it is in a nutshell –

If the temperature at cruise altitude is cold enough, contrails will be formed; otherwise, not.
 If the air is supersaturated with respect to ice, any contrails that are formed will be persistent; otherwise they will dissipate.

It’s as simple (and as complicated) as that.



Written by Anonymous on October 3, 2008.

did any of you read between the lines of Kucinich’s neo christian standings?

“What has happened to our country? Why are we projecting fear and paranoia to such heights? Have we so lost our way and our faith that we are prepared to transform the heavens into hell? If the kingdom and the will of God is to be done on earth as it is in heaven, what is to happen when the United States takes nuclear fire up to the gates of heaven?

“Such an offense against humanity could bring the wrath of God upon this nation.”

I have been doing research on ancient history and I am running into alot of holes. all of which are of course quite explainable, almost laughably deniable, and incredibly sound. I dont know about you but when a ship sinks and they find metal bond sealing the holes then it begs the question. how did it sink. What I mean is that LOOK at the information we are taught. READ between the lines. HEAR what they are trying to sell to us. KNOW that only truth sounds right. to many times we have been lied to and to many times we havent been told what is true and to many times our families havnt been able to give us answers becuase the questions where never asked. If we dont know to ask the question then who are they to be blamed for denying our answers.

I reiterate. what that man is saying if our minds are in the same place is this. What do you think your doing letting these people know this much. there will be a time when we dont have to hide ourselves and all will be under one rule. if we do this then when the time comes We are going to be in trouble not them. honestly tell me I am cracked and I will tell you that is a radioactive goo coming out. pay attention to the details not the words.



Written by [Uncinus](#) on October 3, 2008.

I’m afraid I don’t follow you. Why don’t you just tell me what it means?



Written by TonyB on October 15, 2008.

So what really happened? In a nutshell, Kucinich did not write the bill (or read it, until too late), the focus of the bill is nothing to do with chemtrails, it was written by UFO enthusiasts trying to:

1. Nullify a vast conspiracy by the “military-industrial complex”
2. Allow the use of suppressed alien technology for free energy
3. Avoid accidentally shooting down (or scaring away) visiting aliens.

Your above statement sounds worse than the chemtrail theories... I didn't read any of the links you provided of course, but I have read the bill in it's entirety. It seems rather benign to me. Reading the bill alone doesn't give the sense of UFO enthusiasts. Instead, I get from it the tone of anti-war and the idea of a neutral and peaceful place outside of our own planet. I do agree that chemtrail theory is going a bit overboard on this one, as it proposes the ban be at altitudes of over 80km... significantly higher than most aircraft travel. It should also be noted that the UN has proposed similar resolutions banning space based weaponry, and each time (3 I believe) it was vetoed by the USA. For anyone who doesn't know, an American veto kills any binding UN resolution no matter how many positive votes it gets. In fact, during the late 70's and early 80's a series of 6 resolutions were petitioned for the USA to end it's humanitarian atrocities in Panama and Nicaragua. A US veto is strong enough to avoid such resolutions, as well as keeping us out of the International Court of Justice and any possibility of UN enforced sanctions (at least under the current UN laws.)



Written by [Uncinus](#) on October 15, 2008.

Well maybe you should read the links then. I'm just trying to explain where the word “chemtrails” came from in the bill. Chemtrail fans seem to suggest one word is a government admission of the entire theorized “chemtrails” theory.

It was simply one of a list of sci-fi weapons added in by Rosin and Webre – two UFO enthusiasts.



Written by TonyB on October 17, 2008.

Indeed it can be interpreted differently with added information. I still think it is a good idea though 😊



Written by Shilltastic on September 29, 2009.

It never ceases to amaze me how many people use HR 2977 as “proof” that “chemtrails” exist. People are just so gullible!



Written by Shilltastic on September 29, 2009.

Just a clarification...

When “extraterrestrial” is used in the bill. It's NOT in reference to “aliens” or “alien technology”. It is a reference to spaced BASED weapons. Not based on the earth. Such as a rocket launching platform

in space.

Extraterrestrial (or extra-terrestrial) may refer to any object or being beyond (extra-) the planet Earth (-terrestrial).

-wiki



Written by [Uncinus](#) on September 29, 2009.

Perhaps, but that simply points out how ridiculous the bill was – seeing as the bill specifically limits itself to “space based weapons”, and hence everything on the list would have to be extraterrestrial by detail.

If you look into the authors though, it’s quite clear that they believe there is alien technology in use on the Earth right now, by the governments.



Written by Shilltastic on September 29, 2009.

I agree, the bill is completely ridiculous.

- Written by [Outlaw space weapons and only space outlaws will have 'em, solo statist protest, etc..| Pittsburgh Alpha to Omega](#) on November 20, 2009.

[...] my pal Jae recently posted this "dark chemtrail" photo, and I added a "tag cloud" to the sidebar], presumably compiled by exopoliticians Alfred Webre and Carol Rosin, not Kucinich, revised away in 2002), badmouthed the [...]



Written by allmhuran on December 1, 2009.

It hasn’t yet occurred to anyone that these are the “clouds of heaven” referred to in the Holy Bible. “He (Son of God) comes with the clouds. That’s all.



Written by Shilltastic on December 2, 2009.

“It hasn’t yet occurred to anyone that these are the “clouds of heaven” referred to in the Holy Bible. “He (Son of God) comes with the clouds. That’s all.”

Oh great...now “The son of God” is in on the conspiracy....

Why would such a thing occur to anyone when science EASILY explains the lines in the sky as a result of combustion within varying atmospheric conditions. My car gives off “clouds”...Is it “normal” to assume that “the son of God” will be coming soon simply because water vapor is released from my automobile?!?



Written by Zorba on January 17, 2010.

Sure you know what you're rapping about, malaka. Representative Kucinich is so busy he does not even read his own bills prepared by some new-age freak, right! Or he reads them too late. Gimme a break. You must be so smart, I can feel it tremble all the way around the world. It is brain deads like you who infest this planet with war and duffering – not because you are evil, but because you are too smart.

Great writing, keep up brainwashing the nation. Good job, sob!



Written by [JazzRoc](#) on January 17, 2010.

Zorba:

It is brain deads like you who infest this planet with war and duffering – not because you are evil, but because you are too smart.

Great writing, keep up brainwashing the nation. Good job, sob!

It's all Greek to me...

(Sorry, couldn't resist! I promise not to do it again. 😊)



Written by [Brent Melville](#) on January 22, 2010.

This is a very useful website and it blows away some crucial mythology such as persistent contrails only appeared from about 1999. Myths and lies are unhelpful. I haven't seen much stuff on HAARP however and the question of weather modification technology being used to alter the climate is still an open question.

But what we do see is that our atmosphere is affected by contrails. What I also observe is that upper atmosphere contrail cloud has a negative effect on advancing rain fronts. Why aren't environmental groups or the EPA concerned about this? Instead we're fed the nonsense about CO2 choking the planet.



Written by [Uncinus](#) on January 22, 2010.

Environmental groups are concerned about the effect of contrails on the climate. See:

<http://www.ipcc.ch/ipccreports/sres/aviation/040.htm>

The CO2 concern has to do with [radiative forcing](#), which is related to what happens with contrails. Most scientists agree that the contribution of CO2 is far greater than the contribution of contrails.

There is no evidence that contrails can affect advancing rain fronts. Contrails form at far higher altitudes than rain does.



Written by Birdman on January 27, 2010.

Chemtrails are real, as stated in HR bill 2977, why else would it be presented before congress. I have been watching them spray in increasing increments over the past 2 1/2 year. I now see expanding contrails or chemtrails on a daily basis like clockwork, this is not possible as specific atmospheric conditions must be in place to support contrail formation.



- Written by SR1419 on January 27, 2010.

Birdman-

What are the atmospheric conditions that must be in place to support contrail formation and persistence?

How do you know they are not present in the sky above you?

...is it really daily? Is it never cloudy where you live? How can you tell they are there when it is cloudy?



- Written by CTYFororganization on February 2, 2010.

HR2977

HR2977 is creating a “buzz” in the Air Traffic Control community. Introduced last October by Ohio Rep. Dennis Kucinich, this bill called for the peaceful uses of space, and a ban on “exotic weapons”. Section 7 of the “Space Preservation Act of 2001” sought specifically to prohibit “chemtrails”.

Kucinich recently told the Columbus Alive newspaper (Jan. 24, 2002) that despite official denials, as head of the Armed Services oversight committee he is well acquainted with chemtrail projects. “The truth is there’s an entire program in the Department of Defense, ‘Vision for 2020,’ that’s developing these weapons,” Kucinich told reporter Bob Fittrakis. The U.S. Space Command’s 2020 vision calls for “dominance” of space, land, sea and air.

Though “section vii” naming chemtrails, HAARP and other planet-threatening weapons has since been removed in a substitute bill – “under pressure” according to Kucinich – the original bill remains intact and on-file in the congressional record.

CONTRAILS VS CHEMTRAILS

The unusual white plumes reported by Air Canada pilots, police officers and former military personnel over Canada and the U.S. during the past three years are often contrasted by brief, pencil-thin contrails left by commercial jets flying above them.

Contrails form when water vapor clumps around dirt particles acting as nuclei. According to NASA and the National Oceanic and Atmospheric Administration, contrails can only form at temperatures below minus 76 degrees, and humidity levels of 70 percent or more. Even in ideal conditions, contrails rarely last more than 20 minutes.

But atmospheric studies by NASA and NOAA – including TARFOX, ACE-Asia, ACE-I and II, INDOEX and Project SUCCESS – confirm that artificial clouds and contrails can be manufactured under conditions of low humidity by dispensing particles from aircraft. The smaller the size of the nuclei introduced into the atmosphere, the greater the rate of artificial cloud formation.

Controllers across the United States know from their professional training that these chemicals fall to the ground. Without exception they expressed their concern to Deep Sky about possible risks to human health,

“They want to know what the heck is in there,” S.T. Brendt reported. “One of them said, ‘Aluminum or barium – that’s not something you want to be breathing.’”

Over the last few months, the controller have been told that the troubling aerial operations involve “climate experiments”. Deep Sky’s family continues to experience health problems, including his

young son's gushing nose bleeds and episodes Sudden Onset Acute Asthma in his wife.



Written by [Uncinus](#) on February 2, 2010.

Okay, let's take that as read. Now, is there any actual evidence that contrails are different now?

Because, to the vast majority of people on the earth, including the scientists, they look EXACTLY THE SAME as they always have.

CTYF, you seem like an intelligent young man. Do you really think that a child having nosebleeds and a woman having Asthma is evidence of anything at all, let alone a different type of contrail?

What, exactly, is the evidence that shows contrail are different now?



Written by CTYForanization on February 3, 2010.

What exactly is the evidence which shows they are NOT different.

Lets see some time lapse video from the 80's, c'mon..

I want to see a full white haze from "persistant contrails" in LA....

C'mon! where is it?! they had camcorders back than....

even a "half white" haze would work for me.

PROVE IT. c'mon enthusiasts!!! Lay it on me.



Written by [Uncinus](#) on February 3, 2010.

Well, you could check out this film from 1982 for time lapse of contrails

<http://en.wikipedia.org/wiki/Koyaanisqatsi>

But, have you read this?

<http://contrailscience.com/persisting-and-spreading-contrails/>

1970 quote:

The spreading of jet contrails into extensive cirrus sheets is a familiar sight. Often, when persistent contrails exist from 25,000 to 40,000 ft, several long contrails increase in number and gradually merge into an almost solid interlaced sheet.

[...]

Contrail development and spreading begins in the morning hours with the start of heavy jet traffic and may extend from horizon to horizon as the air traffic peaks. Fig. 1 is a typical example of midmorning contrails that occurred on 17 December 1969 northwest of Boulder. By midafternoon, sky conditions had developed into those shown in Fig. 2 an almost solid contrail sheet reported to average 500 m in depth.



Written by SR1419 on February 3, 2010.

Sorry- not every..ummm...concerned citizen...had a video camera and youtube to post too back in the 80s...does that mean it didn't happen?

This isn't a video...or even LA...but it is 1983- and I am sure the physics that apply to the skies above North Carolina apply equally well to the skies above LA:

<http://www.1000plus.com/Imagic/8301sund.htm>



Written by CTYFororganization on February 3, 2010.

Your problem was that that picture is in NORTH CAROLINA in the DEAD OF WINTER....
I was born in GA I know about humidity and NORTH CAROLINA IN THE WINTER sounds like a logical "persistant chemtrail" season.
that I could accept.



Written by CTYFororganization on February 3, 2010.

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<http://en.wikipedia.org/wiki/Koyaanisqatsi>

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Never saw that phillip glass film, maybe i should one of these days.

Problem #1 Chemtrails/Persistant Contrails are also appear at night.

Problem #2 Boulder CO in the middle of December...this is NOT LOS ANGELES.



Written by [Uncinus](#) on February 3, 2010.

What do you know about humidity at 30,000 to 40,000 feet?

What about other aspects of weather aloft? Do you know, for example, that right now the wind at 30,000 feet is around 95 mph? And that the temperature is around -50F?

<http://www.usairnet.com/cgi-bin/Winds/Aloft.cgi?location=WJF&Submit=Get+Forecast&hour=06&course=azimuth>



Written by SR1419 on February 3, 2010.

CTY-

All your videos are from Oct, Nov, and Jan....prime contrail season in LA. Can you accept that?



Written by [Uncinus](#) on February 3, 2010.

#1 In 1969 there were far fewer flights in general, so what you are seeing is the morning commuter traffic. Watch this to see the daily patterns of flights.

<http://www.youtube.com/watch?v=dPv8psZsvIU>

This is also very cool, you can see the night pass over the earth, and the effect it has on flights

<http://www.youtube.com/watch?v=4-JGlsZPcOQ&feature=fvw>

#2 They probably get more frequent contrail weather in Colorado. But you know this is the middle of winter here too? It's -50F above 30,000 feet right now. And, (looks out of window, West LA) not a contrail in the sky? Maybe I had them turned off for you? Or maybe it's the weather?



Written by [Uncinus](#) on February 3, 2010.

I strongly encourage you to correlate what you are seeing with the daily satellite photos available from NASA. Here's yesterday's

<http://rapidfire.sci.gsfc.nasa.gov/subsets/?subset=USA5.2010033.terra.1km>

Today's is not fully downloaded yet, but when it does I'd bet they are rather different:

<http://rapidfire.sci.gsfc.nasa.gov/subsets/?subset=USA5.2010034.terra.1km>



Written by CTYForanization on February 3, 2010.

No way Unicus, the SUN is quite a blazin today. Actually the sky from horizon to another is A VERY HAZY grey barely blue. This is not the effect of SMOG...I know because I lived in the same area in 87.

Whats the Humidity right now at 30,000 ft?



Written by CTYForanization on February 3, 2010.

Sure, the two images do look different. But on backtracking I am noticing a hell of a lot of "cloud cover" from days when the only "clouds" were of the "artificial variety". I mean really...how is a weatherperson supposed to factor in for persistant aerosol trails?



Written by [Uncinus](#) on February 3, 2010.

Re: humidity at 30,000 feet

Nobody knows what the humidity is at 30,000 feet. Because it can only be measured by sending up a weather balloon. The last, and closest to LA, went up at 12Z today, that's at 4AM this morning, and from Vandenberg AFB, 135 miles away. Back then, and over there, the humidity was 12% at 30000 feet (9144m). The temperature was -48C.

You can try to extrapolate that to a local reading, but as you can see from the satellite photos, the humidity can change drastically in a very short distance – basically in the distance the is the edge of a cloud. So a reading 100 miles away is not that useful.

See:

<http://weather.uwyo.edu/upperair/sounding.html>

Click on VBG or NKX

Looking at 15Z 02 Feb (yesterday at 7AM):

<http://weather.uwyo.edu/cgi-bin/sounding?region=naconf&TYPE=TEXT%3ALIST&YEAR=2010&MONTH=02&FROM=0212&TO=0300&STNM=72393>

The humidity was much higher, much more like a contrail day.



Written by [Uncinus](#) on February 3, 2010.

Re: “how is a weatherperson supposed to factor in for persistant aerosol trails?”. They do sometimes report them on weather forecasts, but mostly they’ll just say it’s “hazy”, or “some high level clouds”.



Written by [Uncinus](#) on February 3, 2010.

Actually the sky from horizon to another is A VERY HAZY grey barely blue. This is not the effect of SMOG...I know because I lived in the same area in 87.

Do you have alot of photos to back this up?

Have a look at these nearby photos from the 1980s:

<http://www.flickr.com/photos/terryviews/sets/72157618637307907/>

I like this one from 1985 – looks just like a normal hazy sky like you sometimes get after a few contrails

<http://www.flickr.com/photos/emd111/3639902491/sizes/o/>



Written by CTYForganization on February 3, 2010.

But, Unicus... You said that there should be NO CONTRAILS today?
How does a “non persistant contrail” condition create a “hazy day”.
Seems to be a contridiction.



Written by CTYFororganization on February 3, 2010.

Also those photos were

A) film then digitized

B) the sky today looked far more obscured, white and GLOWing.



Written by [Uncinus](#) on February 3, 2010.

Haze is a natural part of Los Angeles, due to geography. It's been recorded since 1542

<http://www.losangeles.com/history/>

In the fall of 1542, Juan Rodriguez Cabrillo sailed along the Southern California coast and, as he approached what would become San Pedro Bay, took note of the palpable haze filling the Los Angeles basin. As a result of his observations, he aptly dubbed the area La Baia de los Fumos, the Bay of Fumes. Even in the earliest days of human settlement, the air of Los Angeles posed challenges to its inhabitants. The meteorological phenomenon known as inversion (hot air trapping cool air) has typified the Los Angeles basin since time immemorial, and if the hundreds of Gabrieleno (or Tongva) campfires could generate enough particles to inspire Cabrillo's name for the region, industrialization would obviously pose a problem.

In July of 1943, with wartime production at its peak, the people of Los Angeles began to complain of sore eyes, throats and other respiratory ailments. Los Angeles launched numerous investigations into the source of the unknown irritant. Citizens mobilized in unprecedented numbers demanding regulatory controls and several local air control agencies were established. In the end, it was discovered that the Mediterranean climate and warm Southern California sunshine, both things that lured so many people to the region, were the primary culprits with mass automobile usage significantly adding to the problem. The Los Angeles basin, again, proved a difficult place for a metropolis to thrive; yet through extensive regulatory measures most of the deleterious effects have been controlled.

More details:

http://www.csun.edu/~hmc60533/CSUN_311/smog_and_inversions/Smog_main.htm

Thanks to L.A.'s geography and topography, smog is nearly synonymous with our city's name. Given that Los Angeles is located on a low lying coastal plain, surrounded by high mountains and deserts beyond, air circulation becomes limited by default. When we add the volumes of auto exhaust from millions of cars (the estimated population of Los Angeles County is 10,103,000), favorable atmospheric conditions, as well as plenty of sunshine to the mix, we have excellent conditions for smog production. Denver, Mexico City, and Santiago, Chile also have significant smog problems because of similar conditions.



Written by [Uncinus](#) on February 3, 2010.

A) So? You know Kodachrome photos don't show the actual colors? How do you know what filters are used? Do you have any photos that show how the sky "used to" look?

B) Than what? Than your memory? Than an idealized version of the based on summer snapshots?



Written by CTYForganization on February 3, 2010.

Sigh.

Yes, I know the LA area was known as the “smoke bowl”.

Ha, I was born IN the 80’s.

Really, Unicus, you are

BOOOOOOORING.

Get a life.

talk to you later!



Written by mark on May 20, 2010.

The definition for Extraterrestrial is: existing or originating outside the limits of earth (which would fall under the category of lunar based, space station based or numerous other categories) The bill also quotes

(II) through the use of land-based, sea-based, or space-based systems using radiation, electromagnetic, psychotronic, sonic, laser, or other energies directed at individual persons or targeted populations for the purpose of information war, mood management, or mind control of such persons or populations;

We have a branch of the government called psyops that specializes in information war and the Air Force holds a patent on the radio frequency hearing effect.

Another quote from the bill is:

(C) The term ‘exotic weapons systems’ includes weapons designed to damage space or natural ecosystems (such as the ionosphere and upper atmosphere) or climate, weather, and tectonic systems with the purpose of inducing damage or destruction upon a target population or region on earth or in space.

And HAARP is an ionosphere technology

ALL GREAT TRUTHS ARE INITIALLY LABELED CONSPIRACY THEORIES – ESPECIALLY BY THOSE IN POSITIONS OF POWER WHO ARE PERPETRATING THE CONSPIRACIES!!!



Written by [Uncinus](#) on May 20, 2010.

Can you give an example of a “great truth” that was initially labeled a conspiracy theory?

What percentage of conspiracy theories turn out to be true?

Let’s suppose someone makes up a false conspiracy theory. How would you tell the difference between a true conspiracy and a false conspiracy? Both would be labeled the same, so you can’t really use that labeling as any kind of evidence. You need REAL evidence?

Got any?



Written by Candi on May 26, 2010.

There is plenty other evidence other than HR2977. Here are some links from NASA & ASP both government ran-

<http://geo.arc.nasa.gov/sgg/tarfox/>

<http://www.asp.bnl.gov/>

Really no conspiracy, it is there in plain English.



Written by faithinscience on May 27, 2010.

You really don't know what an aerosol is, do you?



Written by [Uncinus](#) on May 27, 2010.

People keep bringing up these aerosol measuring programs. I guess it's another thing I should write a post about rather than keep answering the same points.

But really the answer is very similar:

- They are aerosol measuring programs, not aerosol spraying programs.
- "Radiative forcing" is a measurement, not something they do.



Written by ruffneck on May 27, 2010.

I have seen one contrail and chemtrails on the same day same area. The contrail was gone in seconds, and the chemtrails spread out. What's in them I don't know, but if I wait for the media to tell me I may never find out. Good to see that some people still have an open mind and seek the truth. MKultra shows us what science minded people are capable of. Technology has surpassed our humanity.



Written by [Uncinus](#) on May 27, 2010.

The trails you saw were most likely both contrails at slightly different altitudes. If you consider the laws of physics it's inevitable that you will see things exactly like that. More detail here:

<http://contrailscience.com/why-do-some-planes-leave-long-trails-but-others-dont/>



Written by ruffneck on May 27, 2010.

No comment on the MKultra? No comment on 30,000 kg of silver iodide used every year for hail suppression?



Written by SR1419 on May 27, 2010.

Ruffneck-

Can you explain why in some places there are clouds yet in other places in the same sky there are not clouds?



Written by [Uncinus](#) on May 27, 2010.

[MKUltra](#) – What has that got to do with white trails in the sky. You can't leap from secret drug trials to nefarious contrails – what's the connection?

[Silver Iodine](#) is used for [cloud seeding](#), which is also used for hail suppression. Again, what has this got to do with the white trails in the sky? Cloud seeding does not leave trails.



Written by faithinscience on May 27, 2010.

“Can you explain why in some places there are clouds yet in other places in the same sky there are not clouds?”

Such a good question. The biggest piece of the puzzle.



Written by ruffneck on May 27, 2010.

Unicinus you asked what conspiracy has been proven? mkultra is one. WMI have no problem with poisoning us with silver iodide is the point I was trying to get across. When WMI deploys their chemicals over me do you think they give a dam what effect that has on my health? When the kids are playing and it gets real quiet, I go check on them, because they are usually up to something they shouldnt be doing.



Written by [Uncinus](#) on May 27, 2010.

No, I asked what percentage of conspiracy theories turn out to be true. There are lots of actual conspiracies, but they are far outweighed by the number of wild theories.

The problem comes when you try to say that because SOME theories were correct, then it follows we must give all future theories actual weigh, regardless of the evidence. It seems you are saying “the chemtrail theory is likely correct, because a somewhat related conspiracy happened 60 years ago”. But that ignores the fact that there's no ACTUAL EVIDENCE supporting the chemtrail theory.

The amounts of silver used are not though to be harmful. In this respect it's no different from THOUSANDS of chemicals used on a daily basis, and regulated and monitored. Other chemicals (like, say, lead) are used in much higher quantities, and had more serious proven health effects. Why pick this one?

To the topic: do you actually think that some of the trails are being deliberately created? If so, then other than “that's the kind of thing they do”, then what evidence do you have to support this belief? What's actually different about these trails?



Written by ruffneck on May 28, 2010.

That's the problem with science it's always the lesser of two evils, that's the only way they peddle the bullshit. Problem is, the use of the chemicals in the first place, they just don't go away no matter how many more chemicals you put on top of them. Science will be the demise of this world, it's not sustainable. I can't buy the everyday, perfect conditions for everlasting contrails.



Written by [Uncinus](#) on May 28, 2010.

Sure, it's pollution. It's a problem.

But there are thousands of sources of pollution. Air travel is only a very small percentage of total world pollution. Not that it should be ignored (and in fact aircraft emissions are regulated like car emissions are).

But your point is that you think there is some deliberate spraying going on? And you think this because now you've started looking for contrails, you see more of them, and now that you watch them more they seem to be lasting longer? Is that right?



Written by faithinscience on May 28, 2010.

Do you understand how many chemicals were released into the atmosphere just to make your computer?! Yes, chemicals in our air IS a problem, but you are focusing on the absurd while ignoring that obvious. What a shame.



Written by ruffneck on May 28, 2010.

Ya the obvious cover up.



Written by [Uncinus](#) on May 28, 2010.

If it's obvious, why can't you convince people?



Written by [JazzRoc](#) on June 2, 2010.

Ruffneck:

That's the problem with science – it's always the lesser of two evils, that's the only way they peddle the bullshit – This is an unanswerable statement. Who are *they*?

Problem is, the use of the chemicals in the first place – is NOT something you are near to having established. You are merely making a baseless claim.

They just don't go away no matter how many more chemicals you put on top of them – How can this statement be true in the light of what happens with the MILLIONS of tons of gas, liquid, and solid ejected each year by the Earth's 1500 active volcanoes? Wouldn't we be buried by now?

Science will be the demise of this world, it's not sustainable – Without science you would be dead

within the month, and not key-tapping baseless and fruitless comments on a machine created by – science.

I can't buy the everyday, perfect conditions for everlasting contrails – Then perhaps you should go to a library and discover why clouds don't instantly disappear. It's a reasonable argument to me. Why can't you understand it?

- Written by [Chemtrail Info \(Wikipedia\)](#) « [Andreas Mörs – Snapshots, maybe more..](#) on June 10, 2010.

[...] <http://contrailscience.com/kucinich-chemtrails-and-hr-2977/> Wörtlich „When I found out that was in there, I said, ‘Look, I’m not interested in going [...]“



- Written by SR1419 on July 19, 2010.

did this bill ever pass in any form?



- Written by [Uncinus](#) on July 19, 2010.

No, it died in committee. First they took out all the crazy weapons, but still nobody was really interested.



- Written by Mr P on July 20, 2010.

Here we go again “crazy weapons”! This is a typical disinformation technique — laugh and make fun of people saying things that you don’t want them to say. Why are these weapons crazy? Why is it impossible for such weapons to exist and why is someone stupid or a nutcase if they believe they exist? The people falling for this psychological disinfo tactic are the ones who are rather crazy in my opinion. The people falling for this are people who obviously don’t have a strong sense of reality and are easily lead and distracted by brainwashing and propaganda techniques.

Anyone who has studied physics knows such weapons are not only possible but can and have been made. The laser is an energy weapon. Are you denying it exists? Tell that to your doctor the next time you get laser surgery — that they don’t exist and only a nutcase would believe such nonsense!



- Written by [Uncinus](#) on July 20, 2010.

That’s crazy in the sense of “unusual and outlandish”. Obviously several of them are real weapons. Some, like “information” weapons seem more like random juxtapositions of words than anything else. Others, like “tectonic” weapons are simply speculation.

The point here is that they are “crazy” in the context of the bill. If they actually wanted to get it passed why not either just say “weapons”, or actually give specific definitions of what they meant? Nobody is going to ban “information weapons in space” without a definition, as that would probably mean banning communication satellites.

And why are chemtrails even there? Nobody ever suggested there are chemtrails in space. What exactly would be the point? How would space based chemtrails be a weapon?

And how do sonic weapons work in the vacuum of space? Sounds pretty crazy to me.

- Written by [Chemtrails? Spraying our skies to make it breathable for alien species? – Alien UFOs](#) on September 5, 2010.

[...] 11:39 PM This link well explains the presence of the word, Chemtrails in that article. Kucinich, Chemtrails and HR 2977 – Contrail Science I doubt that quote by Kucinich is real. I'm looking it up [...]



- Written by Artyom on September 7, 2010.

For those who are so interested in the atmosphere and show little knowledge by making assumption they know what is a contrail and what they think is a chemtrail should seek education.

[link Atmospheric Science Research](#)

They are the atmospheric science group that is apart of the National Space Science and Technology Center based in Alabama. Those seeking education in this field could write them for a reputable institute to learn about the atmosphere. That is if one is tired of making ASSUMPTIONS about what you see and actually care to understand what it is real.

If I can find this being a foreign to the United States, there is no excuse for not trying to educate oneself. There are people who spend life studying the atmosphere under scientific method and study samples collected and rule out confounding variables. Their work holds infinitely higher value than a youtube observation and conjecture based on groundless theory.

A maiden that tells me a chemtrail lasts and a contrail dissipates is basing her BELIEF on what knowledge? It is these forms of ignorance that perpetuates baseless theories that hold no value other than to instill fear and more ignorance. The assumptive correlations between other science projects, government programs, and seminars does not answer the scientific fact that contrails are contrails and exist in their forms. They've already been studied. Government programs such as weather modification are documented and studied in universities and applied through open programs. Past government operations of mass magnitude have been leaked and opened such as the ill effects of spraying agent orange. The masses that draw correlations between these and contrails are ill informed and have no evidence to substantiate their claims that would justify scientific study. However, this does not prevent anyone of belief in chemtrails from pursuing a career in the atmospheric studies.



- Written by Artyom on September 7, 2010.

By the way, anyone who gains office into US legislature can author a bill that can be as silly as making it against the law for aliens sexually abuse human test subjects. It would likely make the house floor barrel with laughter and go no where, but it would give fuel to those who believe in alien abductions. Anyone interested in this fact can study the Legislative Process to understand its nuances. IF something silly, like the example I mentioned, were to be a serious idea to the author, he would not make it the main point of a bill for it would be laughed off the congressional floor during Comittee Consideration. So it usually gets buried by being attached to more serious matters. However, most bills usually consider matters of relevance.



- Written by you don't care on October 14, 2010.

People seem to see exactly what they are going to see (or not see) regardless of whether or not they

see it... perception begins within the mind, why else is everything under these ideas classified as an ongoing research into a program called Artichoke and MKULTRA?

No matter what evidence is presented, these things are happening all over the world.. at least in some places.. and for those who never look and only see what they wish, well just give us the “right to be wrong” but honestly, I would be concerning about jet trails because whatever you BELIEVE (because even truth is subjective) you have to understand that environmentally, we do not wish to be collectively breathing particulates. You would think that the multitudes of governmental agencies around the world would have cut down on air traffic... considering that the health of even the most healthiest nations is being compromised by the air.

The death rate from respiratory illness alone should make you wonder what the heck we are collectively breathing.. and real environmentalists and people within the WHO should be looking into the concerns of DU and other various airborne particles.



Written by thefactsmatter on October 14, 2010.

“The death rate from respiratory illness alone should make you wonder what the heck we are collectively breathing..”

Yeah, even though there are billions of sources of particulates down here at ground level (volcanoes, sea water, the discharge from every factory/industrial process on the planet, and all the vehicle emissions in the world)... It's best to “believe” we are purposely being sprayed by chemicals even though there isn't a shred of evidence to prove it. Thanks...got it!



Written by Jake on November 8, 2010.

Fox 2 Chief Meteorologist – Dave Murray has a discussion going on Chemtrails, on his Facebook account! It is important that we get tons of people to make comments before he decides to take it down. Please pass this along

http://www.facebook.com/pages/Dave-Murray-on-FOX-2/125858287467545?v=app_2373072738



Written by Boosmom on November 10, 2010.

Maybe the Chemtrails are part of the Obama Death Panel :0 Thank you Uncenus for a voice of reason



Written by Peter84 on November 14, 2010.

“The Regulation of Geoengineering” by the House of Commons Science and Technology Committee, release in UK some time ago. If you still skeptical about the issue, you should look at it. It's about 150 pages long so have a nice read. Here's a link:

<http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/221/221.pdf>

Another fantastic read is this: <http://www.belfort-group.eu/sites/default/files/page/2010/05/COpart1.pdf>

It's a report from Belfort Group in Belgium. Please, read it and rethink the issue. Maybe those crazy conspiracy theorists aren't so crazy afterall.

Cheers



Written by [Uncinus](#) on November 14, 2010.

Neither of those says that people are actually doing it now. Everyone knows people are *talking* about geoengineering. They have been talking about it for 50 years. There's just no evidence that anyone is actually doing it.

(and no, cloud seeding for localized rain making does not count – it looks nothing like a contrail, and it's not a secret)

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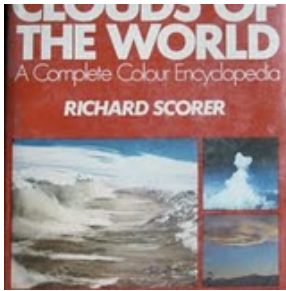
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Clouds of the World, 1972

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