

Notification (Submission) in
Relation to

Solar Radiation Management
Research Governance Initiative
(SRMGI)

By

Andrew Johnson
(ad.johnson@ntlworld.com)
on behalf of

a group of disparate
concerned individuals (see document for details)

25th Nov 2010

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1. Introduction

1.1 Terms of Reference

This submission/notification (herein called “document”) falls into the “Deployment” and “Desk-based Research” categories.

1.2 Confidentiality

This document, it is hoped will be posted in full along with any other non-confidential submissions – wherever they may be posted.

1.3 Background to Document

Thank you for reading this document. This submission/notification comes following my visit to the second day of the Royal Society’s November 2010 Conference “Geoengineering - taking control of our planet’s climate”.

It is made by the author, but the signatories listed in the appendix have agreed to support the themes covered in this document. Signatures were collected over a period of 6 days. They were asked to submit as many contact details as they wished.

1.4 Successful Governance

On the SRMG submission page (<http://www.srmgi.org/call-for-submissions/>) it is stated:

Successful governance requires a wide range of viewpoints

It is hoped that this statement is used sincerely and that the definition of “viewpoints” includes more advanced things such as conclusions based on observed and observable evidence, as is suggested by this statement on the same page:

Organizations and individuals are invited to contribute to the study by responding to the call for evidence.

This document is made with rather grave concern which has arisen following lengthy, personal research into matters relating to the climate.

It is requested that it be reviewed as thoroughly as time allows, due to the evidence and data contained herein. The data covers a number of areas, all of which were omitted from the presentations shown at the meeting referenced above.

It should be realised that the conclusions presented in this document are very challenging, but nevertheless are supported by evidence - including simple, repeated and repeatable observations.

1.5 Support

This document has been compiled by the named author, but is **supported by those people listed in section 2** – and it should be noted that some of the observations contained herein have come from around the world and been made by many hundreds – if not thousands – of people. These people have had to fund their own research and activities in order that their voices be heard. I hope that your ears are still “available” to listen to what they are saying – and that you are able to examine the evidence they have collected. I hope this evidence will not be denied or ignored – otherwise “Successful governance” may not result.

It is strongly requested that **ALL of this document is studied** – and that the data within is **not ignored**. This document will be posted elsewhere, once submitted, so that people can be made aware of the data that has been presented to those who are involved with the science behind these enormously important issues, and they will be able to judge it for themselves. I therefore implore the reader(s) to study the

issues carefully, honestly and with an open mind – removing pre-conceived notions and assumptions about what is being said.

1.6 About the Author and Signatories

Andrew Johnson was born in Keighley, W. Yorks in 1964 and grew up in Yorkshire, England. He graduated from Lancaster University in 1986 with a degree in Computer Science and Physics. He has mainly worked in Software Engineering and Software Development, for most of the last 20 years. He has also worked full and part time in lecturing and tutoring (in Adult Education) mainly in Computing subjects. Now he works for the Open University (part time) tutoring and assessing students, whilst occasionally working freelance on various small software development projects. (This submission/notification is NOT made in relation to any work he has completed for the OU.)

He is regularly invited to speak at venues around the country on a number of subjects which he has researched – and some people find these subjects quite challenging to study.

1.7 Difference Between Modelling and Observation

Most of the proposals for SRM stem from some kind of modelling or projection – this is always a less reliable basis for a proposal than “observed data from recent history” (which is largely what this document contains). The presentations at the Royal Society Meeting in November 2010 were, as far as could be seen, based on *theoretical models* and/or *projections*. The specific data on which they were based was not fully revealed or scrutinized. (One question that can be raised, for example, is “How is the distinction made between the quantity of naturally produced CO₂ and that produced by Industrial Processes?” This question was never asked or answered – my understanding is that such figures must be based on estimates - as it is impossible to accurately quantify these things on a global scale.)

1.8 A Warning from History

In the research I have done, it has become clear that corporate and even military interests in matters such as climate cannot be overlooked or ignored. For example, the climate *is* a matter of National Security. Therefore, perhaps readers should bear in mind President Eisenhower’s message, from his 1961 farewell address to America¹:

"In the counsels of Government, we must guard against the acquisition of unwarranted influence, whether sought or unsought, by the Military Industrial Complex. The potential for the disastrous rise of misplaced power exists, and will persist. We must never let the weight of this combination endanger our liberties or democratic processes. We should take nothing for granted. Only an alert and knowledgeable citizenry can compel the proper meshing of the huge industrial and military machinery of defense with our peaceful methods and goals so that security and liberty may prosper together."

In this same speech, in relation to scientific research, he also said:

...the free university, historically the fountainhead of free ideas and scientific discovery, has experienced a revolution in the conduct of research. Partly because of the huge costs involved, a government contract becomes virtually a substitute for intellectual curiosity. For every old blackboard there are now hundreds of new electronic computers. The prospect of domination of the nation's scholars by Federal employment, project allocations, and the power of money is ever present – and is gravely to be regarded. Yet, in holding scientific research and discovery in respect, as we should, we must also be alert to the equal and opposite danger that public policy could itself become the captive of a scientific-technological elite.

1.9 Distinguishing between “Environmental Damage” and “Climate Change”

There is no doubt that human activity is damaging the environment. For example, industrial pollution and “industrialized” fishing and agricultural practices have, it is clear, destroyed habitat and caused the extinction of a number of species of flora and fauna – in various ways, and for various reasons.

¹ <http://www.ourdocuments.gov/doc.php?flash=old&doc=90&page=transcript>

Most people have at least some awareness of the effects of their lifestyle on the environment, though these effects are often hidden – except when large numbers of people are affected by such things as dumping of industrial waste, depletion of fish stocks or intensive farming practices etc.

Nowadays, when some people suggest that changes in the weather are *not* caused by industrial pollution, it is assumed they are somehow suggesting we should *not* worry about wholesale pollution of the environment. Or it is tacitly assumed that those suggesting other causes for changes in climate are saying that “humanity should not worry about the effects of their activities on the environment”. So, because of the increase in visibility of environmental organizations and issues in the last 30-40 years, it becomes easier to marginalize the legitimate scientific questions raised by people who remain unconvinced that Carbon Dioxide emissions (specifically) from human industrial activity have had any provable effect on our global climate in the last 150 years.

There is no doubt that CO2 output has increased due to industrialization, but later in this document, much data which needs to be properly studied, proves the issue is much more complicated than is generally spoken of.

1.10 Attitudes to Those Challenging Some of the Science

Typically, when data like that shown later in this document, is/are brought up or discussed, there is a huge adverse reaction to it and a “big fight” then ensues. Here is a typical example of this – in a TV interview with Ed Begley and Stuart Varney of Fox News, where Varney asks if the Science about climate change is conclusive and challenges various statements made by Begley, Begley states “You’re spewing your nonsense again ...”² I wonder if some of this reaction stems from what is discussed in section 1.9.

Similarly, famous people – who are not scientists – have made widely read comments which do not address any of the data which is included later in this document – e.g. “[Paul] McCartney, in Interview, Compares Global Warming Skeptics to Holocaust Deniers”³

1.11 Statement of Signatories

*We hereby state that, because of abundant contra-evidence, **we do not support any further research into any kind of Solar Radiation Management – let alone that such a thing should be put into action. We state that we already know that the SRM schemes proposed will not have the desired effect on global climate – because the data already available proves that “other factors/forces” are far, far too significant to ignore.***

*We call for this matter to be the subject of serious, honest and dispassionate **re-investigation** using the evidence included in this document as a starting point. Any act of evidence denial, ridicule, stonewalling or any combination of these things will be noted and highlighted at every suitable opportunity.*

It demands a most vigorous application of energy and time to investigate what is truly happening – and this investigation must take place with a clear and stated independence from corporate and other vested interests.

*The funding of this research should, like that which has produced this document, be funded **from researchers’ own pockets – with no corporate, government or NGO funding (or as little as possible).***

² <http://www.youtube.com/watch?v=wll2gdDtbCq&NR=1>

³ <http://www.foxnews.com/entertainment/2010/06/24/paul-mccartney-global-warming-holocaust-deniers/>

2. Signatories

Name	E-Mail	Phone	Location
Andrew Johnson	ad.johnson@ntlworld.com	01332 674271	Borrowash, Derbs, UK

(118 signatures in total)

3. Conclusions

Study of ALL the data presented in this document and the appendices - leads one to these conclusions.

- Aircraft trails are relevant to localised climate change on some occasions.
- Changes are happening on all other planets in the solar system.
- ENVIRONMENTAL DESTRUCTION and CLIMATE CHANGE have DIFFERENT CAUSES.
- Much wider data considerations must be made if *honesty, integrity and credibility are to be retained within the scientific community.*

Other research mentioned shows that Pollution Free Energy Technologies (or ones with far lower levels of pollution) have been perniciously suppressed.

3.1 Appeal

I repeat the appeal made in Section 1 – this matter should be the subject of serious, honest and dispassionate investigation without recourse to denial of evidence, ridicule, stonewalling or any combination of these things. It demands a most vigorous application of energy to change the course we are on.

As the evidence shows clearly, “something is not right” – and you have now been informed – and given suitable data to revise your “conclusions”.

It is **you** who have funds and resources to **investigate further**, we have done this investigation using **our own funds and our own efforts**.

History will record your actions – as it has recorded ours. Thank you for considering this document.

4. Appendix A - What if SRM is already in Progress? (Have you watched the Sky)?

Here is a reminder of what is said on the SRMI website:

Successful governance requires a wide range of viewpoints

and

Organizations and individuals are invited to contribute to the study by responding to the call for evidence.

This section now challenges the reader to consider the “bizarre” idea that some type of SRM may already be in use – without the knowledge or consent of any but a select few. Or, at the very least, the effect of existing aircraft movements may have been deeply underestimated.

4.1 Widespread Concern about Aircraft Trails

I have written about this issue on my website and, I have had literally hundreds of pictures of persistent jet trails (along with some videos) sent to me by dozens of concerned people around the world. Dubbed “chemtrails” by some people, no one will explain them – nor the regularly observed weather changes they appear to cause on a number of days. All official sources state their formation is explainable as “contrails” - yet there is no consistent scientific explanation available which covers all the observed anomalies – such as grids, circles, 2 identical aircraft on the same day within 1 hour of each other with one leaving a long persistent trail and the other not (see section 4.7). Other data I have collected suggests that the reasons the trails persist, in some cases, cannot be explained by “the prevailing conditions”. Please review the pictorial data and use your *own observations* - or online sources to augment this data set.

4.1.1 Normal Reaction to these observations

Statements such as “this cannot be happening because there is no clear motive and no admission by any identified agency that this is going on” are common. This automatic reaction needs to “be put on one side” whilst repeated observation is undertaken - *only then* can such questions can be addressed.

4.2 Belfort Group’s Report on Aircraft Contrails (“Case Orange”)

A report was commissioned by a group of independent researchers into the phenomenon of persistent Jet Trails – a copy of the report is available on their website⁴. The report states in section “4.2.1. Variations in the daily temperature range as a result of contrails”

Although it is clear that aircraft emissions have an impact on climate it is quite difficult to measure this, because aviation is just part of everyday life. However there has been one small window of opportunity to perform a reliable scientific survey, at the time that all commercial flights within the U.S. airspace were grounded for a period of 3 days after the events of 11 September 2001.

This survey, performed by David J. Travis, Andrew M. Carlton and Ryan G. Lauritsen, released in final form 2 years later (!), revealed a departure of average diurnal temperature range (DTR) from the normal values derived from the 1971 - 2000 climatology data for the indicated 3-day period in 2001. DTR values for 11 to 14 September during the grounding period, measured at stations across the United States, show an increase of about 1,1 °C in comparison with the normal values.

This increase is larger than any during the 11-14 September period for the previous 30 years, giving ammunition to critics who state that weather conditions at this specific period were very extraordinary and no scientific based conclusions could be taken. However even more surprising is the fact that the 11-14 September increase in DTR was more than twice the national average for regions of the United

⁴ <http://www.belfort-group.eu/sites/default/files/page/2010/05/COpart1.pdf>

States where contrail coverage has previously been reported to be most abundant, such as the Midwest, Northeast and Northwest regions.

In the subsequent days after September 14th when civil flight operations resumed there was a temperature drop of about 0,8°C, denoting the return to 'normal' conditions. This underlines the impact of contrails on global surface temperatures with a noteworthy cooling down effect, especially reducing the maximum day temperatures. A new proof that aviation significantly affects climate emerged after the massive grounding in Europe in 2010 due to the volcano eruption in Iceland. It is too early to assess the quality of the survey, but the Kings College in London claims that 'airports are air polluters'.

4.3 Persistent and Non-Persistent Trails

It is emphasized that the general properties of contrails are known and recognized by people who have submitted these photos to me. The difference between these types of trails is shown in videos referenced in section 4.10. A difference is also shown in the right hand photo in section 4.8. Also, please review and study the satellite photos especially.

4.4 New Documentary Presents Evidence of Ongoing of Geoengineering

A new documentary film has just been released called “What in the World Are They Spraying” where statements by some of the scientists involved with developing geoengineering proposals are documented and challenged⁵. The film also shows some of the data which some people have gathered in relation to aircraft trails and their apparent effects at ground level (which are denied by most scientists). The observed effects seem to match those discussed in some of the geoengineering proposals themselves, even though no large geoengineering projects are said to be in operation. In the film, one scientist is interviewed who explains how the pH of the soil in the area where he lives has increased from being alkaline to being neutral over the last few years – and this has affected the growth of vegetation. Other laboratory tests on snow from Mount Shasta in Northern California are also mentioned. These tests have shown anomalous high levels of strontium and aluminium – both substances which are referenced in some geoengineering/SRM research proposals.

The signatories to this report are extremely concerned by the issues covered in this film – and also feel the need for much more investigation to be done.

4.5 Aircraft Identification and Tracking

At some expense, I purchased an AirNav Radar Box to enable further quantification and identification of Air Traffic, in relation to studying trail persistence/non-persistence.

4.5.1 Airnav Box

The Airnav Radar Box essentially acts as a “radio message decoder”, primarily for ADS-B messages which are transmitted by both civilian and military aircraft. It is an “off the shelf” product, readily available, which plugs into a USB port and can decode the messages it receives, producing a “Virtual Radar” display which mimics those used in Air Traffic Control.

4.5.2 Antenna/Aerial

The aerial was positioned in the loft / attic of my house. Though this arrangement did not give the maximum detection range (an aerial positioned as high as possible, outside the house obviously gives the best detection range), it was more than suitable for this project, which was concerned with photographing aircraft as they travelled over the house – a range of about 20 miles was adequate.

4.5.3 Airnav Software

As mentioned above, the Airnav Software attempts to simulate an Air Traffic Controller's display, displaying flight information, altitude, track etc. Additionally, all ADS-B messages decoded by the box are recorded/written to file and this can later be “played back”.

⁵ <http://truthmediaproductions.blogspot.com/2010/03/what-in-world-are-they-spraying-part-ii.html> , <http://vimeo.com/16219493>

4.6 Air Traffic Survey/Study

Due to my concern over this issue, I have undertaken a study of Air Traffic over my house and have so far found that only about 20% of flights detected by AirNav broadcast their position – this study is not yet complete, but has so far shown that there is no relation to detected volume of air traffic and number of persistent trails seen (i.e some people assume that more visible trails means there is more air traffic at that time – the data collected so far do not support this assumption).

My study has employed custom software written to analyse and tabulate the large quantity of data generated and this will be published separately at a later date. One specific anomaly so far detected is documented in the next section.

4.7 Easyjet “Trail and No Trail”

This incident took place on the date shown and indicated an unexplained difference in the trail caused by 2 identical planes, as shown below. Easyjet, when consulted, refused to offer an explanation for this difference.

Date: 05 March 2010

Time	Flight No	Reg.	Route	Min Ht	Max Ht	Aircraft Type	Ground Speed
16:32	EZY067	G-EZIR	Luton - Glasgow	32525	33675	A319-111	380-390
17:24	EZY239	G-EZIN	Stansted - Edinburgh	32900	33000	A319-111	384

4.7.1 Photographs of EZY067

These photographs were taken with an Canon SX20-IS which is a 12 Megapixel unit and has a 20x optical zoom. The lens system employs an optical image stabiliser. (Approx 1 minute difference between camera time setting and PC time setting).



16:32 – EZY067

(Photo taken facing roughly west).

4.7.2 Airmav Radar Box Track - EZY067

The screenshot displays a flight tracking application with a radar map on the left and a data table on the right. The radar map shows a track for EZY067 (G-EZIR) and another aircraft (BMI28P). The data table provides the following information:

Changed	Status	Flight ID	Registration	Aircraft	Airline	Altitude	GS	Hdg	Dist (NM)	Brg
16:33:18	Climb	EZY067	G-EZIR	A319	easyJet	32950	389	334	2.2	193
16:33:18	Cruise	RYR743	EI-DCW	B738	RYANAIR	40000	426	331	18.2	062
16:33:09	Ground	BMI28P	G-TOYG	B733	bmi baby	0	130	360	4	156

Additional flight details for EZY067 are shown below the table:

- Airline:** EasyJet Airline
- Registration:** G-EZIR
- Type:** Airbus A319-111
- C/N:** 2527
- Flight:** EZY067
- From:** London Luton (EGGW)
- To:** Glasgow International (EGPF)

The interface also shows a vertical altitude profile on the left, status indicators for hardware and network connectivity, and a simulated time of 16:33:19 on 2010/03/05 UTC.

4.7.3 Photographs of EZY 239

17:24 - EZY 239



(Photo taken facing roughly east north east).

4.7.4 Airmav Radar Box Track - EZY 239

The screenshot shows a flight tracking application. On the left, a radar display shows a track for EZY 239 with the following data: EZY 239, G-EZIN, A319, FL330, 386KT, EGSS-EGPH. Below the radar is a vertical scale from FL100 to FL400. On the right, a table lists flight details:

Changed	Status	Flight ID	Registration	Aircraft	Airline	Altitude	GS	Hdg	Dist (NM)	Brg
17:23:42	Cruise	EZY239	G-EZIN	A319	easyJet	33000	386	340	4.4	126

Below the table, there are two photos of an EasyJet Airbus A319. To the right of the photos, the following information is displayed:

- Airline: EasyJet Airline
- Registration: G-EZIN
- Type: Airbus A319-111
- C/N: 2503
- Flight: EZY239
- From: London Stansted (EGSS)
- To: Edinburgh Turnhouse (EGPH)

At the bottom of the interface, there are status indicators: Hardware: Not Connected, Network: Not Connected, 0 Msgs/Sec (88), Dist: 4.4 NM, Brg: 126°. A message at the bottom right says "Weather request finished." and "All Photo/Info Requests Done". The simulated time is 17:23:41 2010/03/05 UTC.

4.8 Photos of Trails Left by These 2 Aircraft

<p>16:32 - EZY067 – Long Trail</p>	<p>17:24 – EZY 239 - Short Trail (why does only one trail persist?)</p>

4.9 Other Jet Trail Photographs from Around the UK



7th April 2003, 18-17, Borrowwash



10th June 2005, 21-45, Borrowwash



21st August 2005, 16-13 Borrowwash



Borrowwash, Feb 21, 2009



3rd Sept 2005, 10-36 Borrowwash



12th Sept 2005, 10-21, Lake District



12th Sept 2005, 09-31, Lake District



24th Jan 2006, 17-20, Borrowash



24th Jan 2006, 17-20, Borrowash



8th August, 2005, 13-04 Embsay, Yorkshire



29th Oct 2006, 17-09 Borrowash



Morecambe, May 2007 (Cell phone Camera)



Bognor Regis, May 07, 2007, 18-04

4.10 Video of Trails

There are many online videos, some including time-lapse photography, for example. This video by Idaho weatherman Scott Stevens shows a comparison between contrails and Chemtrails.

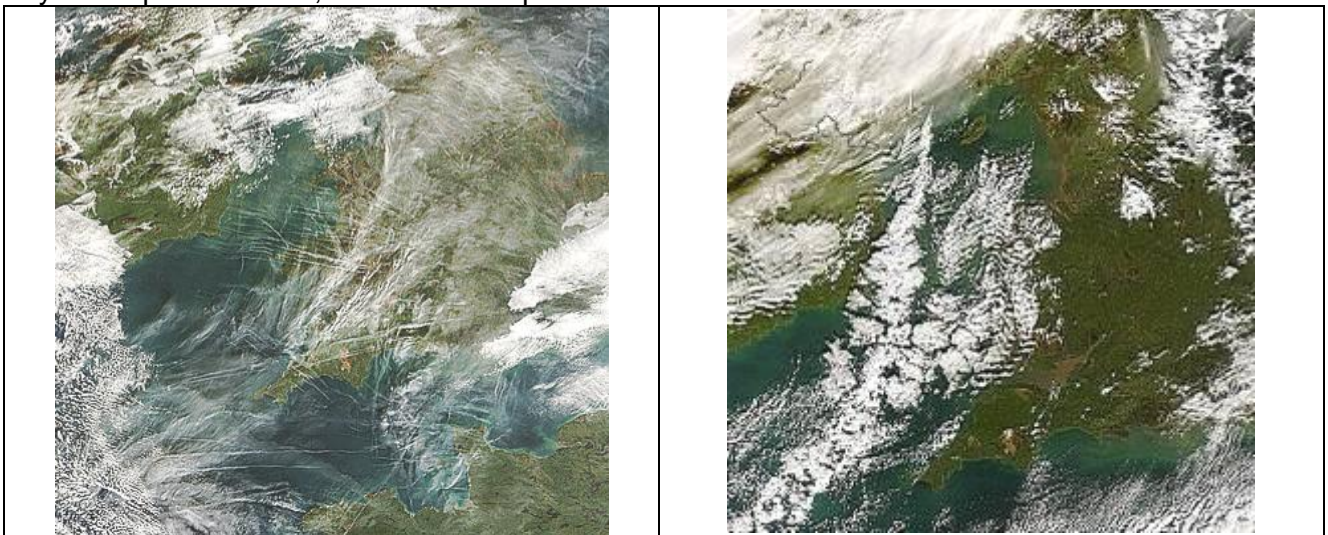
<http://www.checktheevidence.com/ContrailsVsChemtrails.wmv>

Additional videos:

Cheshire (Posted July 2008)	http://www.youtube.com/watch?v=HxNeoXkL0mM
Norwich, May 2009	http://www.youtube.com/watch?v=JRot4ihq1JU
Farnham, Surrey June 2006	http://www.youtube.com/watch?v=2Ka3DdUsRDU&NR=1
Near Toulouse, France June 11 2006	http://www.youtube.com/watch?v=WabzHXBJTHg&NR=1

4.11 Case Study - Derby - 04 Feb 2007

On this particular day, I observed and filmed at least **42 different aircraft flying over Derby** during an **afternoon outing lasting about 2½ hours**. The video can be viewed online too: <http://www.youtube.com/watch?v=nEFNCtPml6U>. Satellite pictures of the UK taken on the same day (shown here http://rapidfire.sci.gsfc.nasa.gov/subsets/?Europe_2_01/2007035) clearly demonstrate the reality of the phenomenon, as seen from space.



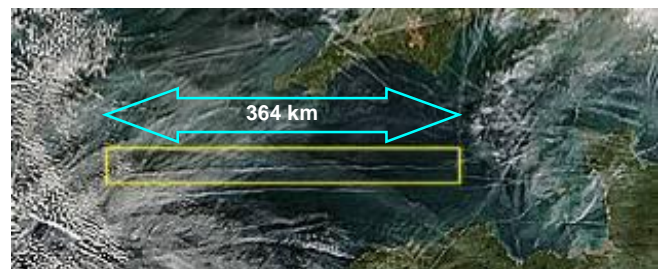
The image on the left comes from:

http://rapidfire.sci.gsfc.nasa.gov/subsets/?Europe_2_01/2007035/Europe_2_01.2007035.terra

4.11.1 Note about Trail Length

The photo above begs a simple question. How is it possible for trails to persist for so long that they form long lines? Look at the trail marked in a separate photo.

This trail is 172 pixels long – this means that at 2km per Pixel, the trail is about 364 km long. (A small adjustment may need to be made due to the distances above ground, if the ground resolution is 2km/pixel then at a height of 30,000 feet, the resolution would be maybe 1.9 km per pixel). If we assume it was made by an aircraft similar to a 757 or an Airbus A320, and we assume the plane was travelling at 500 mph for the time the trail was forming, this means that the trail persisted for at least:



$$364 / (500 * 8/5) = 0.455 \text{ hours} = \underline{\underline{27 \text{ minutes!}}}$$

(and it could be longer, since the satellite photo may have been taken AFTER the trail had formed.)

4.12 Case Study - Many Trails seen around the UK, and from Space – 18th Oct 2007

http://www.checktheevidence.co.uk/cms/index.php?option=com_content&task=view&id=142&Itemid=50

All photos taken on 18th Oct 2007





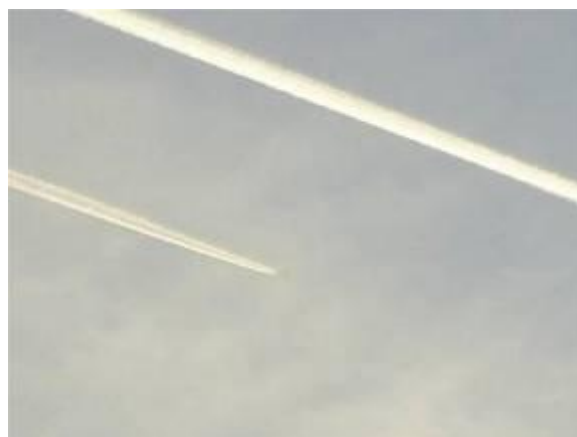
Hertfordshire



Hertfordshire



Hertfordshire



Hertfordshire



Keighley

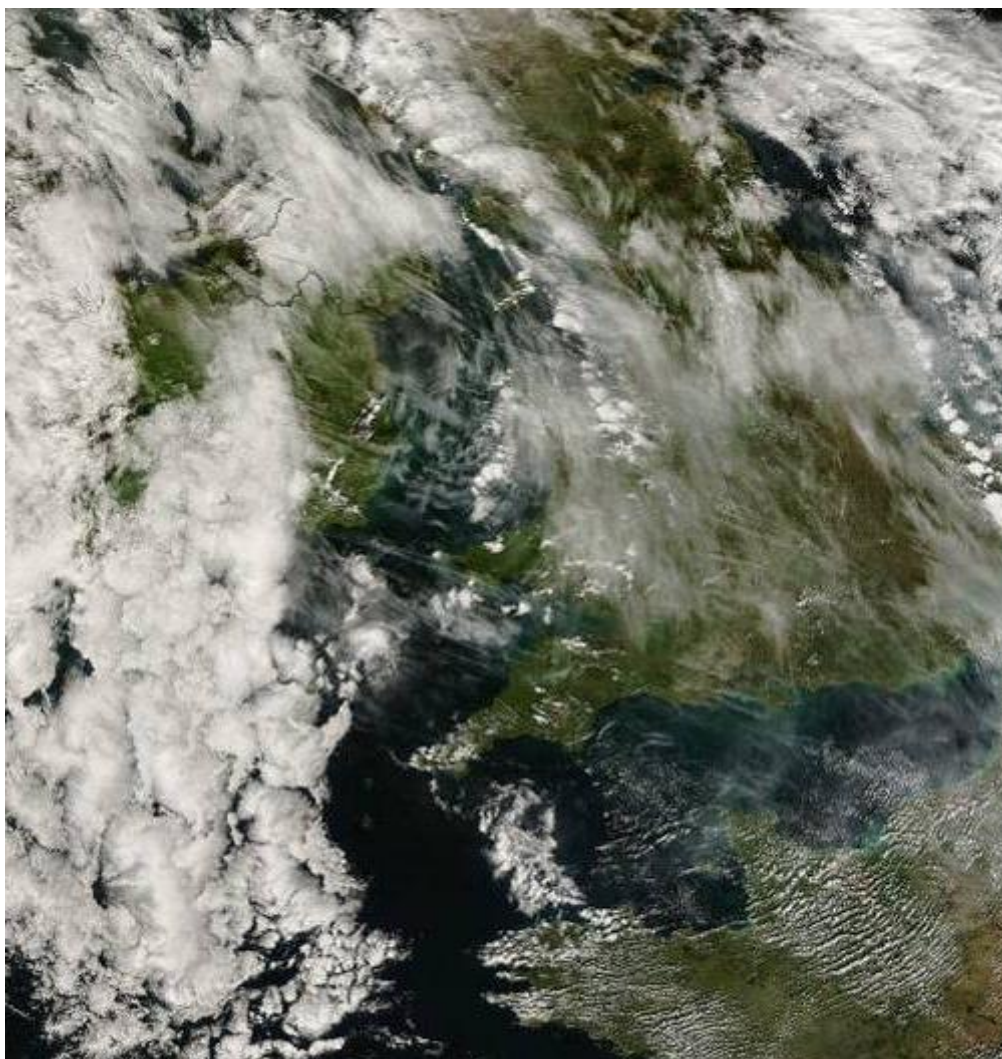


Keighley

4.12.1 Shot of England from Space on 18 Oct 2007

http://rapidfire.sci.gsfc.nasa.gov/subsets/?Europe_2_01/2007291/Europe_2_01.2007291.terra.1km.jpg

Europe_2_01 - Date: 2007/291 - 10/18, True color - Satellite: Terra - Pixel size: 1km



4.13 Newspaper coverage (UK)

This section includes 2 instances of UK coverage in the local media.

4.13.1 Northwich Chronicle - (Phil Morris)

Man on the trail of skyscape mystery Aug 31 2005

By Anthony Harvison, Northwich Chronicle

(http://iccheshireonline.icnetwork.co.uk/printable_version.cfm?objectid=15914499&siteid=50020)

ARE the skies being illicitly contaminated with a mysterious substance that may have serious effects on people's health?

One Cuddington man thinks so and is on a mission to find the truth.

Phil Morris, 50, is gravely concerned with what he perceives to be happening to the atmosphere in the North West and across the world.

The phenomena he refers to are known as 'chemtrails' - long-lasting, thick, white, expanding trails left by non-commercial planes, that eventually merge and blanket the skies.

'Ask yourself this,' he said, 'when did you last see clear blue skies over Lancashire and Cheshire with no clouds anywhere - without the pure natural skyscape being polluted by these trails and haze?'

Phil first noticed the phenomena, contrasted with contrails (condensation trails) which are normal water vapour trails left by commercial airliners that usually disappear within a minute, three-and-a-half years ago.

He started videotaping them and has amassed a significant collection of images to support his arguments.

He continued: 'The planes I have video-taped leave large crosses, grids, A and H shapes in the sky that spread out slowly over hours to create fake chemical clouds.'

'They fall and thicken quickly leaving the telltale doughnut on a rope shape, they are pure white in daylight, and pale pink as the sun sets, while every other natural cloud had varying shades of white, grey and black plus colours as the sun sets.'

'They also drift at around only 5%-10% the speed of normal clouds, often in the opposite direction to all the other clouds.'

'When the sky is full of haze left by trails it can get extremely humid, even when there is no visible sun, and air feels stale.'

'I counted up to 50 planes last summer in one morning from sunrise to noon, and this happened on many occasions.'

Phil claims his health and his family's have been affected in some way by the chemtrails, tallying with reports from around the globe. Symptoms include head pains, severe ear-ache, stiff neck and shoulders, dizziness, sinus infections, lack of concentration and all-year-round flu symptoms.

In Phil's case, the symptoms got so bad that he went to hospital, fearing he had a brain tumour.

He said: 'I had a brain scan at the Countess of Chester Hospital, but it showed no problems and the doctors said I was fine. The problem now is my eight-year-old son also has the same 'brain ache' on the day or day after our skies are clogged with this haze, but on no other days.'

'I met a woman from Delamere Park, less than one mile away, with exactly the same head pains.'

Official sources - including Defra (the Department for Environment, Food and Rural Affairs), the Ministry of Defence, the Met Office and NASA - have played down Phil's concerns, stating the trails are nothing more than ice particles from water vapour at altitudes of 20,000-35,000ft.

'But they are patently not,' said Phil, 'as these trails often go right through and below much lower, wispy, normal clouds at 5,000-10,000ft only.'

So what could be the explanation?

There are hundreds of websites with photos from the US and Europe of chemtrails, with guesses, based on rainwater and soil samples, at the material being sprayed.

'Many websites in the US are convinced that US Air Force planes are spraying aluminium powder in a fibrous, expanding, spider-like mesh based on the thesis of H-Bomb inventor Ed Teller to trap Co2, deflect the sun's rays and reduce global warming, and barium for 3D topography radar imaging purposes for the military,' said Phil.

He admits there are lot of 'weird and wacky' conspiracy theorists out there but with the BBC and Guardian newspaper interested in following up his story, if hard evidence including actual trail samples can be obtained, it seems this is one trail that isn't going to go cold in a hurry.

4.13.2 Derby Telegraph (Andrew Johnson)

26 DERBY EVENING TELEGRAPH, Friday, June 24, 2005

Opinion Extra

Charmed life in air raid years

I READ the account of Jean Willett's wartime experiences in Derby's fire service and would take issue with the second paragraph, which said: "In the midst of the worst of Derby's wartime raids..."

I do not think that these are Ms Willett's words but those of your reporter.

I have lived in Derby all my life, apart from 12 months in 1939-40 and, from November 1942, for five years in the RAF.

To my knowledge, the worst air raid Derby experienced was when the canopy of Midland Station was destroyed and a number of people in nearby streets were killed.

Amongst other raids were the destruction of one house in Jackson Avenue, Mickleover, a bomb in Kenilworth Avenue and the attack on Rolls Royce by a single plane in 1942. Derby had a charmed life

ON THE TRAIL: One of the areas I have been researching recently is related to the pollution caused by aircraft. There are some quite controversial aspects to this subject.

In recent weeks and months, I have been noticing more and more persistent aircraft trails and these are not generally discussed in the media anywhere, except in passing.

It is therefore surprising to find that few, if any, people seem to have noticed the cross/X patterns which can sometimes be seen when these aircraft trails intersect. However, these crossing trails were glaringly illustrated to me at 9.45pm on Friday, June 10, as I took this photograph, looking west-north-west towards the setting sun.

I think I know what the explanation for these trails is, but few are prepared to entertain the idea.

Andrew Johnson,
Mear Drive,
Borrowash.

BY LETTER: Write to Opinion, Derby Evening Telegraph, Northcliffe House, Meadow Road, Derby, DE1 2DW.
BY FAX: Derby (01332) 253027.
BY PHONE: Call Derby 253026 between 1pm and 7am to dictate your letter. Speak slowly, leaving your name, address and telephone number. Spell names wherever necessary.
BY E-MAIL: opinion@derbytelegraph.co.uk

5. Appendix B - Planetary Changes

If an accurate view of the causes of climate change is to be obtained, it must be properly recognised that ALL planets (with an atmosphere) in the solar system seem to be undergoing change. Basic, referenced data is presented in this section and, once again, this should be *carefully reviewed* and *not ignored*. It can be seen that in the last 30 years, significant changes have been observed in ALL planets of the solar system. The significance of this should be obvious. A paper/article by Wm. Robert Johnston provides some additional comparisons to the ones shown below⁶.

5.1 Jupiter

5.1.1 April 2004 - Researcher predicts global climate change on Jupiter as giant planet's spots disappear

http://www.berkeley.edu/news/media/releases/2004/04/21_jupiter.shtml

“According to Marcus, the imminent changes signal the end of Jupiter’s current 70-year climate cycle. His surprising predictions are published in the April 22 issue of the journal Nature.”

5.1.2 March 2006 – Jupiter’s New Red Spot

http://science.nasa.gov/science-news/science-at-nasa/2006/02mar_redjr/



5.1.3 2008 Jupiter gets a brand-new Red Spot

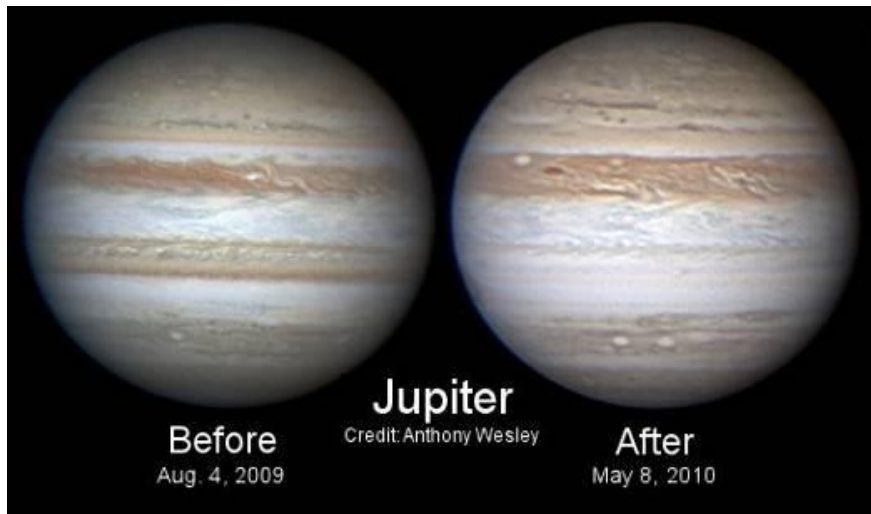
<http://hubblesite.org/newscenter/archive/releases/2008/23/image/a/>



⁶ <http://www.johnstonsarchive.net/environment/warmingplanets.html>

5.1.4 2010 - Big Mystery: Jupiter Loses a Stripe

http://science.nasa.gov/science-news/science-at-nasa/2010/20may_loststripe/



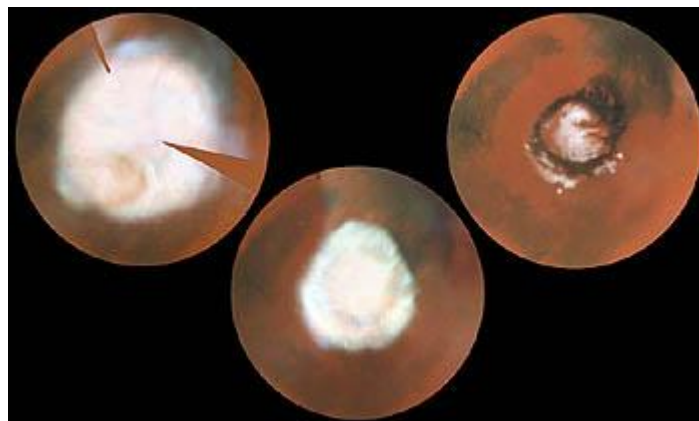
5.2 Venus

<http://www.colorado.edu/news/releases/1999/65.html>

"Our model shows Venus has changed dynamically in the recent past," said Bullock. "Since Venus and Earth have a number of similarities, there are implications here for our own future." An article by Bullock and Grinspoon regarding global change on Venus appears in the March issue of Scientific American.

5.3 Mars

<http://www.xtec.es/recursos/astronom/hst/hst2/9715b.htm>



"Particularly evident is the marked hexagonal shape of the polar cap at this season, noted previously by HST in 1995 and Mariner 9 in 1972; this may be due to topography, which isn't well known, or to wave structure in the circulation. This map was assembled from WFPC2 images obtained between Dec. 30, 1996 and Jan. 4, 1997."

5.4 Saturn: "Saturn's rotation puts astronomers in a spin"

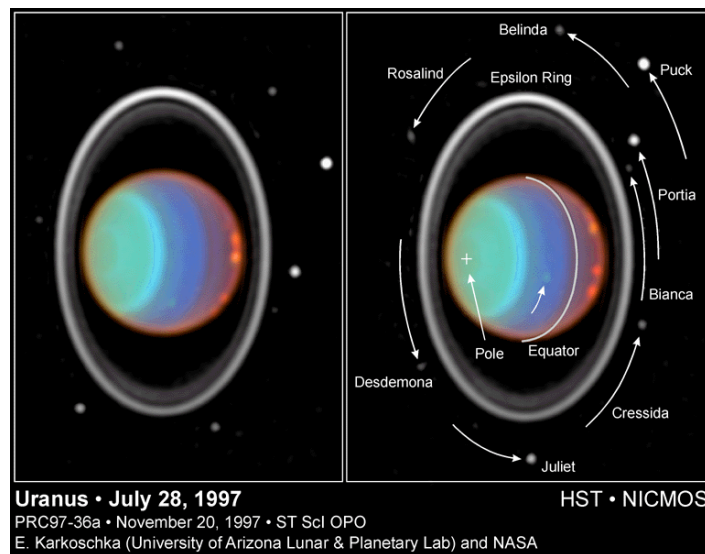
<http://www.newscientist.com/article/dn9100-saturns-rotation-puts-astronomers-in-a-spin.html>

The most commonly cited figure for Saturn's rotation period - 10 hours, 39 minutes and 22.4 seconds - was derived in 1980 from Voyager observations of radio waves generated by solar radiation hitting the planet's atmosphere. Yet Cassini has returned a result almost 8 minutes longer, a difference that defies easy explanation.

5.5 Uranus

5.5.1 Huge storms hit the planet Uranus

http://abyss.uoregon.edu/~js/images/uranus_hst.gif



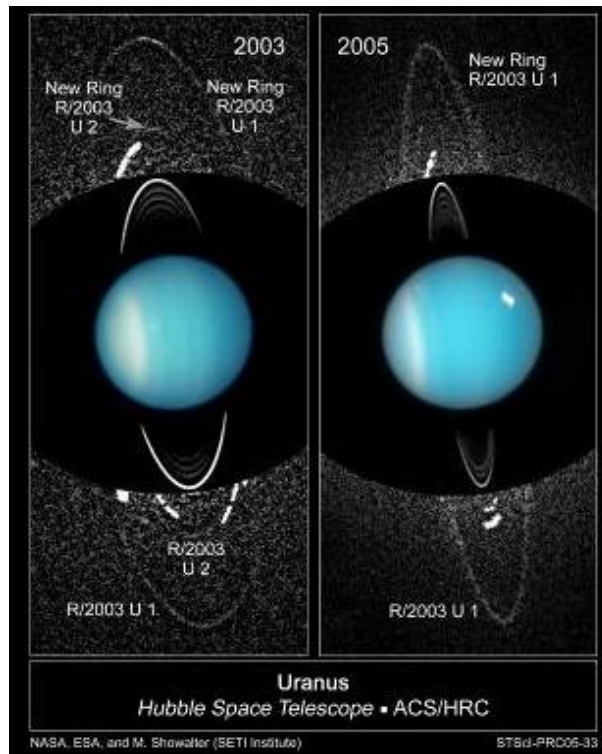
Infrared images from the Hubble Space Telescope reveal dramatic storm clouds moving in excess of 500 km/hr

http://science.nasa.gov/science-news/science-at-nasa/1999/ast29mar99_1/

Early visual observers reported Jupiter-like cloud belts on the planet, but when NASA's Voyager 2 flew by in 1986, Uranus appeared as featureless as a cue ball. In the past 13 years, the planet has moved far enough along its orbit for the sun to shine at mid-latitudes in the Northern Hemisphere. By the year 2007, the sun will be shining directly over Uranus' equator.

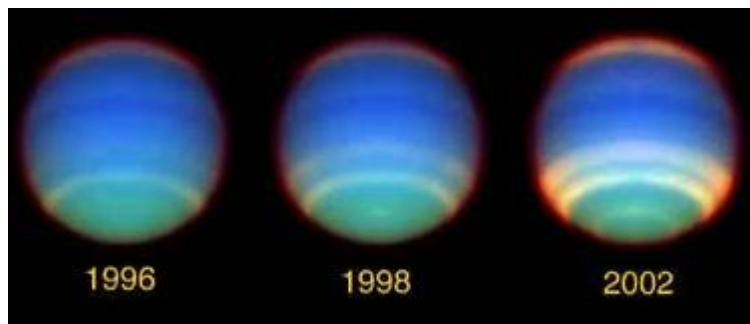
5.5.2 Bright Cloud in 2005

<http://www.nasaimages.org/luna/servlet/detail/NVA2~8~8~14190~114731:NASA-s-Hubble-Discovers-New-Rings-a>



5.6 Neptune

<http://www.news.wisc.edu/newsphotos/neptune.html>



Caption: A time series of images of the planet Neptune taken by the Hubble Space Telescope illustrate increasing cloudiness that is a hallmark of seasonal change. The growing bands of clouds in the southern hemisphere of the planet suggest seasonal change. Because the planet takes about 165 years to orbit the sun, the seasons on Neptune last more than 40 years.

5.7 Pluto: Pluto is undergoing global warming, researchers find

<http://web.mit.edu/newsoffice/2002/pluto.html>

Pluto is undergoing global warming, as evidenced by a three-fold increase in the planet's atmospheric pressure during the past 14 years, a team of astronomers from Massachusetts Institute of Technology (MIT), Williams College, the University of Hawaii, Lowell Observatory and Cornell University announced in a press conference today at the annual meeting of the American Astronomical Society's (AAS) Division for Planetary Sciences in Birmingham, AL.

5.8 Possible Mechanism Behind these Changes

Some have proposed that a “different physics” is behind these planetary changes. Perhaps this physics could explain the following facts (check them):

- Olympus Mons, 27km high volcano on Mars - latitude 19 degrees
- Solar Maximum - most sunspots occur at latitudes of 19.5 degrees
- Red Spot on Jupiter 19.5 degrees.
- Big Island of Hawaii - latitude 19 degrees
- Dark spot on Neptune - latitude 19 degrees
- Alpha & Beta Regio - Venusian volcanoes – latitude - 19.5 degrees.
- Strongest El Nino currents occur on latitude - 19 degrees.

5.9 Local Interstellar Medium

This could also be affecting the climate. http://ae-www.usc.edu/bio/dons/ds_biosk.html

Research on the properties of the Local Interstellar medium have been carried out in scattered periods beginning in 1978. The NASA Space Physics Division has shown a persistent pernicious bias against work on the effects of the neutral gas in the LISM in the United States, from the time of the formation of the Division. The dominant role of neutral hydrogen in the formation of the termination shock in the collision of the solar wind with the LISM has only recently been recognized by the particles and fields research community, which has been supported primarily by the Space Science Division. The most important contributions to research in this program are papers (48), which presents a calibration independent method of determining absolute LISM density, and (89), which presents the first evidence for a large increase in the LISM neutral atomic hydrogen density from Voyager measurements of the 50 AU region, suggesting the approach to the termination shock (89). See 19, 20, 21, 48, 64, 82, 89.

6. Appendix C - Weather Anomalies - Geoengineering already in Use

6.1 Radar Anomalies

6.1.1 Australia

	<p>http://www.adelaidenow.com.au/news/south-australia/bizarre-speculation-circles-weather-bureau/story-e6frea83-1225848781810</p> <p>The anomalies first began on January 15 when an "iced doughnut" appeared over Kalgoorlie in WA.</p> <p>Satellite imagery showed there was no cloud over the area at the time to explain the unusual phenomenon but farmers' online comments claimed it was "unusually hot" all day.</p> <p>It was followed by a bizarre red star over Broome on January 22 and a sinister spiral burst over Melbourne described by amateur radar buffs as the Ring Of Fire Fault.</p>
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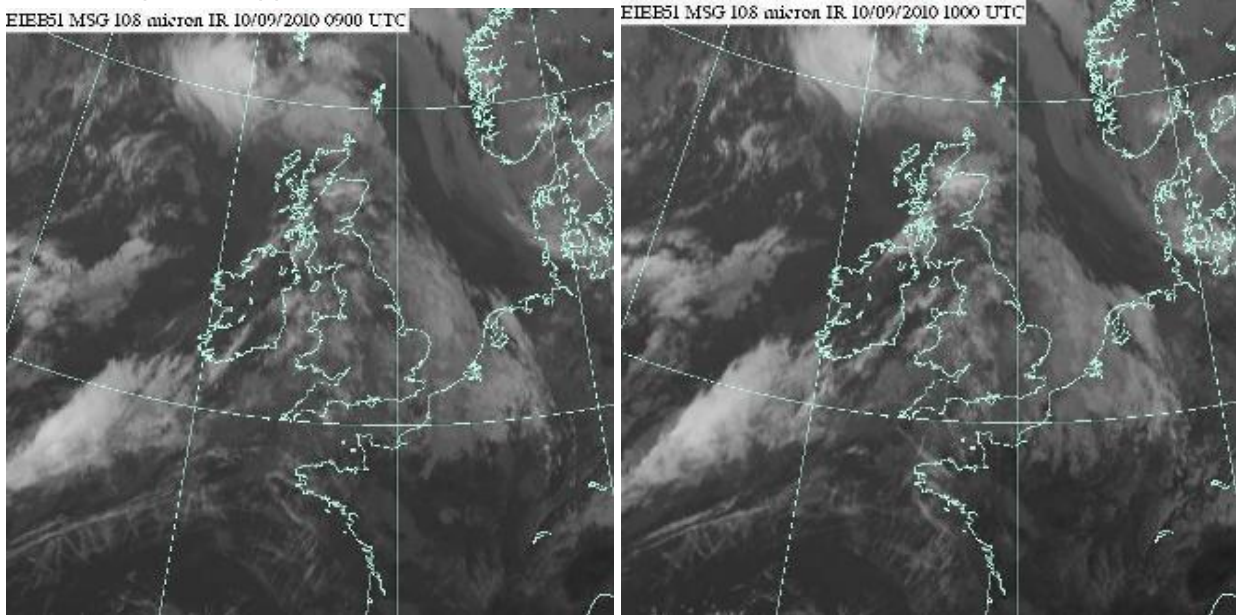
6.1.2 USA

http://members.tripod.com/~DELTA_9/index3.html

6.1.3 UK - Infra Red Photo Weather Anomalies – 10 Sep 2010, Met Office

Note criss-cross lines – west of Bay of Biscay (bottom left of photo) – original source:
http://www.metoffice.gov.uk/satpics/latest_uk_ir.html

This criss/cross pattern appeared between 0400 and 1600 hours.



Video of frames. <http://www.youtube.com/watch?v=rMfCO1U0jJw>

6.2 Weather Anomaly Photos from the Ground (Many more available)

http://weatherwars.info/?page_id=32 and http://weatherwars.info/?page_id=44 or on links shown below



This image was taken the morning of Nov 17, 2004 from a plane departing New York's JFK airport.

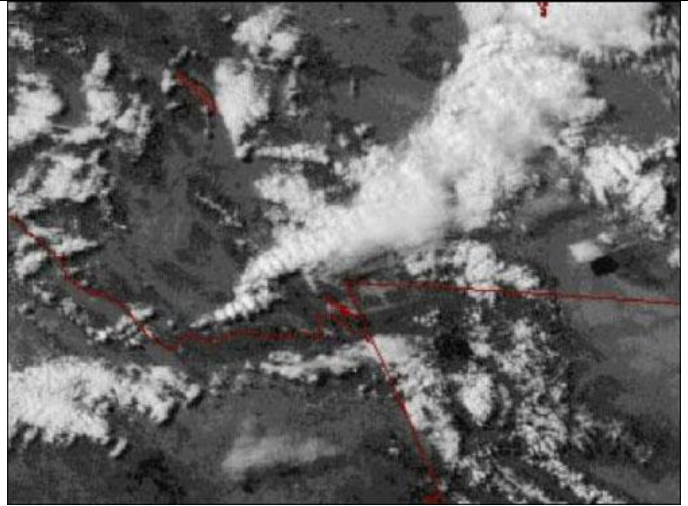
2004-'Hole in sky' amazes scientists – Alabama
<http://news.bbc.co.uk/1/hi/sci/tech/3394461.stm>



Battle Creek Michigan 21 September - 2004 Nearing sunset



2004 - Orlando Florida late in the day prior to Christmas Eve. Blooming "contrails" evident with a striking oval imprint deposited into the cloud field.



http://weatherwars.info/?page_id=73

Note Square Cloud: Scott Stevens writes:

"June 7, 20040108Z Southern - Montana/East Idaho/NW Montana.

6.3 Hurricane Erin on 9/11

The research of Dr Judy Wood, former professor of Mechanical Engineering at Clemson University (South Carolina), into the destruction of the World Trade Centre, lead her to post a collection of data about Hurricane Erin⁷. Few people are aware that this category 3 storm, comparable in diameter to Hurricane Katrina, was closest to New York City at about 8am on the morning of 9/11/2001⁸. In the morning weather reports, only 2 out of 4 local news channels reported the presence of the Hurricane⁹— even though it had been moving, in a fairly straight line, towards New York City since its encounter with Bermuda on 7th Sep 2001¹⁰. (This is noteworthy because storm swells would have posed a risk of flooding – potentially to New York's subway system, had the hurricane remained where it was on 9/11/01. Oddly, on 12 Sep 2001, the Hurricane made a right hand turn and moved off east, towards Newfoundland.)

Understanding the possible reason for the presence of this hurricane is difficult – as one has to re-analyse, at a fundamental level, the official story of 9/11 – especially in relation to the way the WTC complex was destroyed. This has been the subject of most of the rest of Dr Judy Wood's analysis of 9/11 data and evidence, which resulted in her submitting a "qui tam" case for science fraud¹¹ against some of the contractors whom NIST employed to contribute to the 10,000 pages of reports entitled "The Collapse of the World Trade Centre Towers".

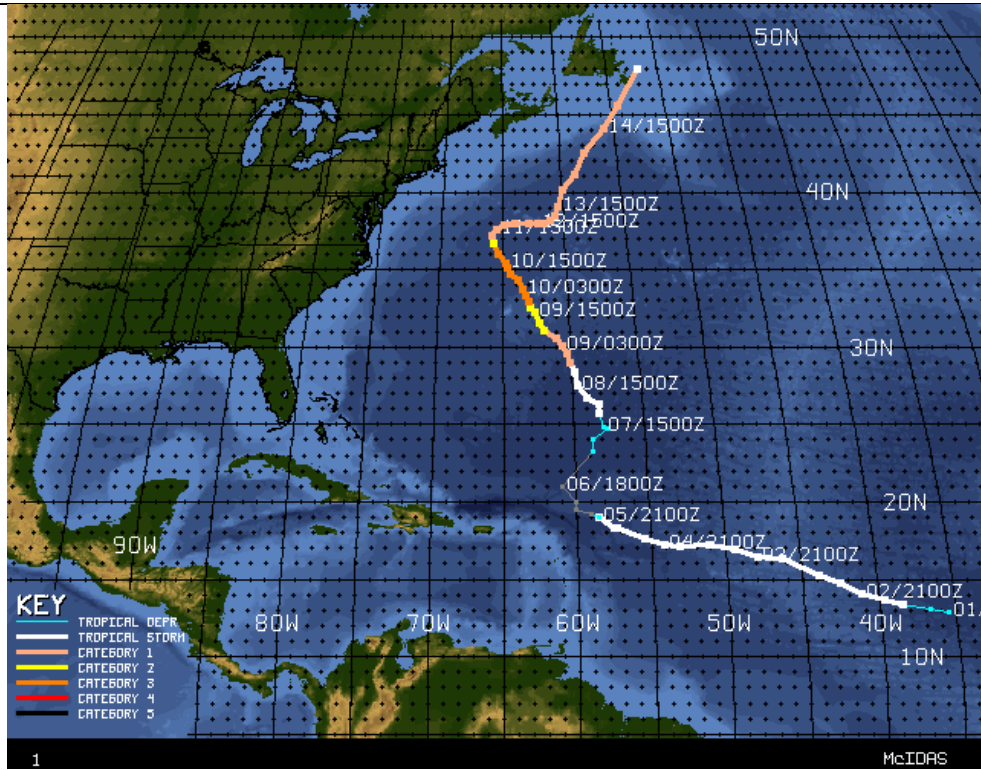
⁷ <http://www.drjudywood.com/articles/erin/>

⁸ <http://911digitalarchive.org/REPOSITORY/IMAGES/PHOTOS/1867.pipeg>

⁹ <http://www.youtube.com/watch?v=WDVYIDaXsFg>

¹⁰ <http://cimss.ssec.wisc.edu/tropic/archive/2001/storms/erin/erin.track.gif>

¹¹ http://www.drjudywood.com/articles/NIST/Qui_Tam_Wood.shtml



The enlarged section shows the plume of material rising from the destroyed WTC complex.

6.4 The HAARP project and Ionospheric Heaters

This is the High Frequency Active Auroral Research Program (<http://www.haarp.alaska.edu/haarp/>). The programme is described as “... a scientific endeavor aimed at studying the properties and behavior of the ionosphere, with particular emphasis on being able to understand and use it to enhance communications and surveillance systems for both civilian and defense purposes.” The site that the HAARP facility is built

on is owned by the US Department of Defence and a “2.5 MW diesel generator [which] will be used to power the HF transmitters.¹²”

HAARP is that is a very large project, whose purpose is to “inject” large quantities of energy into the atmosphere.. It is interesting to note, however, “*The first HAARP research experiment was conducted in cooperation with the NASA WIND Satellite on November 16-17, 1996. The first comprehensive research campaign was conducted during early March 1997.*” (<http://www.haarp.alaska.edu/haarp/haarpFactSheet.html>). These dates seem to match quite well with the time when the persistent aircraft trails started to become more widespread and prevalent.

Bernard Eastlund's patent¹³, on which HAARP is based should be studied, bearing in mind several similar facilities *are already in operation*. (With at least HAARP in Alaska and EISCAT in Norway¹⁴)

¹² <http://www.haarp.alaska.edu/haarp/haarpFactSheet.html>

¹³ <http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=/netahtml/PTO/srchnum.htm&r=1&f=G&l=50&s1=4,686,605.PN.&OS=PN/4,686,605&RS=PN/4,686,605>

¹⁴ <http://www.eiscat.se/about/whatisiscat>

7. Appendix D - A Partial Answer to Environmental Pollution and Destruction

7.1 Investment in Energy Alternatives

It is clear from the data presented that SRM will achieve little or nothing. If an aerosol technique were to be used, it will just add more pollutants to the environment – along with all the soot and other undesirable emissions that already pollute our air. The real problems are much, much different – and deeper and wider - than those assumed to be caused by CO2 emissions (or any other emissions for that matter).

It is now time for a fundamental change in thinking and a realization of “how things really are” at the moment. From other research, it becomes clear than much less polluting – even non-polluting - and perhaps limitless energy sources have been perniciously (and fatally) suppressed.

7.2 Cold Fusion – killed off by Vested Energy Interests

Collection of Research	http://www.lenr-canr.org
Cold Fusion Champion Murdered	http://www.infinite-energy.com/whoarewe/gene.html
Fire From Water Documentary Interviewing Scientists who worked on Cold Fusion Experiments	http://freedomvideo.org/2010/05/fire-from-water/

7.3 Salter's Duck – killed off in the 1980's

Salter has drawn some attention with his “cloud maker” idea. However, he does not seem to talk about this very much now: <http://www.vestaldesign.com/blog/2006/09/conspiracy-salters-duck/>

7.4 Meyer Cell – Efficient Water Splitter – Emission-less Car

Inventor Poisoned - <http://www.top-alternative-energy-sources.com/stanley-meyer.html>

7.5 Safe Hydride Storage System for Hydrogen Car - Illegal

Illegal because of the Hydride it uses - <http://www.youtube.com/watch?v=CkVjONutBQ0>

7.6 Other Energy Issues

2 - hour presentation by the author of this document – various topics covered.

Part 1 - <http://blip.tv/file/4406457>

Part 2 - <http://blip.tv/file/4407809>

8. Appendix E - How Sound Is the Basis for AGW Conclusions?

In this section other data is presented which must be properly reviewed before any SRM research or proposals are progressed any further. This data *must* be taken into proper consideration *before* government policies are suggested or adopted. Further, this data shows that existing government policy should be immediately reviewed and repealed as it does not address the problems it is supposed to address. For example, taxpayers' money which has been spent on initiatives such as "Act on CO2" should be refunded or diverted into alternative research.

8.1 Critics of AGW

- Dr David Bellamy – who suddenly didn't get any more phone calls from the BBC when he started to point out the flaws in the AGW science¹⁵.
- Dr Tim Ball (University of Winnipeg)¹⁶
- Harold Lewis is Emeritus Professor of Physics, University of California has recently said "global warming is the greatest and most successful pseudoscientific fraud I have seen in my long life" and "I think it is the money, exactly what Eisenhower warned about a half-century ago. There are indeed trillions of dollars involved, to say nothing of the fame and glory (and frequent trips to exotic islands) that go with being a member of the club".¹⁷
- Newscaster Peter Sissons criticised the BBC for failing to be more skeptical about AGW¹⁸.
- Chris Landsea (Resigned from IPCC) – who have now admitted some data they used came from a mountaineering magazine article and a student's dissertation¹⁹.

8.2 "Climategate" (Hadley CRU) – Admitted Science Fraud

This did receive some small media coverage earlier in 2010, but due to the significance of the data revealed, it was not proportionate.

8.2.1 Manipulation of evidence:

I've just completed Mike's Nature trick of adding in the real temps to each series for the last 20 years (ie from 1981 onwards) amd from 1961 for Keith's to hide the decline.

8.2.2 Private doubts about whether the world really is heating up:

The fact is that we can't account for the lack of warming at the moment and it is a travesty that we can't. The CERES data published in the August BAMS 09 supplement on 2008 shows there should be even more warming: but the data are surely wrong. Our observing system is inadequate.

8.2.3 Suppression of evidence:

Can you delete any emails you may have had with Keith re AR4? Keith will do likewise. He's not in at the moment – minor family crisis. Can you also email Gene and get him to do the same? I don't have his new email address. We will be getting Caspar to do likewise.

8.2.4 Fantasies of violence against prominent Climate Sceptic scientists:

Next time I see Pat Michaels at a scientific meeting, I'll be tempted to beat the crap out of him. Very tempted.

¹⁵ http://www.bbc.co.uk/wear/content/articles/2007/03/27/climate_countdown_david_bellamy_feature.shtml

¹⁶ <http://australianconservative.com/2010/10/michael-coren-with-dr-tim-ball/>

¹⁷ <http://blogs.telegraph.co.uk/news/jamesdelingpole/100058265/us-physics-professor-global-warming-is-the-greatest-and-most-successful-pseudoscientific-fraud-i-have-seen-in-my-long-life/>

¹⁸ <http://www.dailymail.co.uk/news/article-1199104/Peter-Sissons-BBC-standards-falling--bosses-scared-it.html#ixzz0LDzY3uNe&C>

¹⁹ <http://www.climatechangeinfo.org/ClimateChangeDocuments/LandseaResignationLetterFromIPCC.htm>

8.2.5 Attempts to disguise the inconvenient truth of the Medieval Warm Period (MWP):

.....Phil and I have recently submitted a paper using about a dozen NH records that fit this category, and many of which are available nearly 2K back—I think that trying to adopt a timeframe of 2K, rather than the usual 1K, addresses a good earlier point that Peck made w/ regard to the memo, that it would be nice to try to “contain” the putative “MWP”, even if we don’t yet have a hemispheric mean reconstruction available that far back....

8.3 Many Scientists Do Not Agree with AGW Theory

8.3.1 Breaking: Less Than Half of all Published Scientists Endorse Global Warming Theory

http://epw.senate.gov/public/index.cfm?FuseAction=Minority.Blogs&ContentRecord_id=b35c36a3-802a-23ad-46ec-6880767e7966

Of 528 total papers on climate change, only 38 (7%) gave an explicit endorsement of the consensus. If one considers "implicit" endorsement (accepting the consensus without explicit statement), the figure rises to 45%. However, while only 32 papers (6%) reject the consensus outright, the largest category (48%) are neutral papers, refusing to either accept or reject the hypothesis. This is no "consensus."

8.3.2 Notes on “Global Warming”

<http://www.cs.uni.edu/~okane/warming.html>

I could not resist including this cartoon (see section 5.1 for a good reference).



8.3.3 Ice In The Greenhouse: Earth May Be Cooling, Not Warming

<http://www.odu.edu/ao/instdv/quest/Greenhouse.html>

Indeed, there are signs from some natural systems that global warming is under way. Observations of the pack-ice thickness of the Arctic Ocean from submarines with upward-looking sonar, for example, show a thinning trend since the 1970s. The margin of permafrost is moving north, and the vegetation in the high northern parts of the world is changing toward more temperate forms. But it is by no means clear whether these signs indicate real, worrying proof of manmade, permanent and potentially disastrous climate change, or just regular, naturally occurring variations in the Earth’s climate system.

Jens Bischof is author of Ice Drift, Ocean Circulation And Climate Change and is a research assistant professor in Old Dominion’s Department of Ocean, Earth and Atmospheric Sciences.

8.3.4 100 Scientists tell Obama he is wrong.

http://www.cato.org/special/climatechange/alternate_version.html

"Few challenges facing America and the world are more urgent than combating climate change. The science is beyond dispute and the facts are clear."

— PRESIDENT-ELECT BARACK OBAMA, NOVEMBER 19, 2008

With all due respect Mr. President, that is not true.

We, the undersigned scientists, maintain that the case for alarm regarding climate change is grossly overstated. Surface temperature changes over the past century have been episodic and modest and there has been no net global warming for over a decade now.^{1,2} After controlling for population growth and property values, there has been no increase in damages from severe weather-related events.³ The computer models forecasting rapid temperature change abjectly fail to explain recent climate behavior.⁴ Mr. President, your characterization of the scientific facts regarding climate change and the degree of certainty informing the scientific debate is simply incorrect.