





Oct 2005	Jan 2006	Apr 2006	Jul 2006	Oct 2006	Jan 2007	Apr 2007	Jul 2007	Oct 2007	Jan 2008	Apr 2008	Jul 2008	Oct 2008	Jan 2009	Apr 2009	Jul 2009	Oct 2009	Jan 2010									
<p><b>OR DATA THAT UJM ABOUT FREEDOM</b></p> <p><b>aid that PC is produce</b></p> <p>sk. Leave it to you to delete as</p> <p><b>le to release the CRU</b></p> <p>three tell anybody that</p> <p>[1109021312.txt]</p> <p>ing that science required disclose his methods for</p> <p>ate. Instead, <b>Mr. Mann</b></p> <p>close the mathematical</p> <p>ions. All the same, <b>Mr.</b></p> <p>his initial data, and doubts</p> <p>ie Wall Street Journal, 18</p> <p>ys is Mann's resistance or</p> <p>ta, all details of his statistical</p> <p>lann and others expressing</p> <p>any number that <b>David can</b></p> <p>sources like (Australia, NZ, Canada, Antarctica). Also should remove</p> <p>many of the early stations that we coded up in the 1980s.</p> <p><b>*3. Send them the raw data as is, by reconstructing it from [NASA's GISS' dataset known as] GHCN.</b> How could this be done? Replace the stations where the WMO ID agrees with what is in GHCN. This would be the raw data, but it would annoy them." [Jones-foathoughts.doc]</p> <p><b>Jan 4, 2007</b></p> <p><b>ANTHONY WATTS COMPLETES HIS USHCN SURFACE STATIONS SURVEY:</b></p> <p>BY 2009, 650 VOLUNTEERS JOIN THE PROJECT</p> <p>The project aims to photographically survey all 1,221 USHCN weather stations that are used for the US temperature record, the world's most "accurate." By spring 2009, over 70% of the network has been surveyed, and "89 percent of the stations ... fail to meet the National Weather Service's own siting requirements that stations must be 30 meters ... or more away from an artificial heating or radiating/refracting heat source." [17] The raw temperature data produced by the USHCN stations [used by GISS, CRU, NSDC, IPCC, and others] are not sufficiently accurate to use in scientific studies or as a basis for public policy decisions.... "The data currently used to claim that the twentieth century witnessed a statistically significant warming trend are unreliable." [132]</p>	<p><b>May 5, 2008</b></p> <p><b>FIRST FOI REQUEST TO CRU FOR AR4 INFO</b></p> <p>David Holland, an engineer seeking information on how authors, reviewers and editors of AR4 (the IPCC 2007 report) discharge their duties, submits an FOI request to CRU (whose BRIFPA and OSBORN were lead authors of the report). This proceeds as follows: May 6 - CRU Acknowledgment; June 3: CRU Refusal Notice; June 4: Holland Appeal; June 20: CRU Rejection of Appeal. [24]</p>	<p><b>May 9, 2008</b></p> <p><b>JONES: THINK WE CAN AVOID IPCC AR4 FOI REQUESTS</b></p> <p>JONES [to "Mike, Ray, Caspar"]: "2. You can delete this attachment if you want. Keep this quiet also, but this is the person who is putting in FOI requests for all emails. Keith [BRIFPA] and Tim [OSBORN] have written and received re Ch 6 of AR4 [IPCC 2007]. We think we've found a way around this." [1210367056.txt]</p>	<p><b>Nov 12, 2008</b></p> <p><b>SANTER: I'LL QUIT IF LLNL FORCES ME TO DISCLOSE</b></p> <p>SANTER at Lawrence Livermore National Laboratory says he is reviewing how to avoid FOI requests. A few days later he says he'll leave LLNL if the management does not support him in this.</p> <p>SANTER: "I will continue to refuse such data requests in the future. Nor will I provide McIntyre with computer programs, email correspondence, etc.... I will be consulting LLNL's Legal Affairs Office in order to determine how the DOE and LLNL should respond to any FOI requests that we receive from McIntyre. I assume that such requests will be forthcoming." [126500291.txt] "I hope LLNL management will provide me with their full support. If they do not, I'm fully prepared to seek employment elsewhere." [1228330629.txt]</p>	<p><b>Aug 7, 2007</b></p> <p><b>MCINTYRE DISCOVERS ERRORS IN GISS DATASET; HANSEN ADMITS 1930s WERE USA's HOTTEST YEARS IN 20TH CENTURY</b></p> <p>MCINTYRE discovers errors in the GISS data forcing HANSEN "to publish revised figures for US surface temperatures to show that the hottest years of the 20th century were not in the 1930s, as Hansen had claimed, but in the 1930s [before the record CO2 emissions of the post-war economic boom]...."</p> <p>"Steve McIntyre, a Canadian computer analyst, had noticed that Hansen had been adjusting his pre-1970 global temperature figures downwards by as much as 0.5 degrees, and his post-1970 figures upwards. Further doubts about the methodology of GISS arose ... when Hansen announced that October 2008 was the hottest on record - despite widespread evidence of plummeting temperatures. Detailed analysis by McIntyre and Anthony Watts, a US meteorologist, showed that scores of temperature records from Russia and elsewhere had not been based on October readings. GISS revised its figures once more, explaining that the Russian data had been obtained by another body." [51]</p>	<p><b>May 9, 2008</b></p> <p><b>JONES: EVERYONE DELETE E-MAILS RELATED TO IPCC AR4</b></p> <p>In an e-mail regarding "IPCC &amp; FOI", JONES instructs MANN to delete e-mails related to the IPCC AR4 (2007). GENE KEITH and CASPAR are to do the same. JONES' request is after the formal FOI request of May 5, 2008 and discussions with UEAs's FOI officer on May 9.</p> <p>JONES: "Mike, 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."</p> <p>MANN: "I'll contact Gene about this ASAP. His new email is: genevahl@xxxxxxxxxxx" [1212063122.txt]</p>	<p><b>Oct 26, 2008</b></p> <p><b>HOW TO HIDE 10 YEARS OF RECENT COOLING: DON'T SHOW IT</b></p> <p>KELLY to JONES: "Just updated my global temperature trend graphic for a public talk and noted that the level has really been quite stable since 2000 or so and 2008 doesn't look too hot." Later: "Yeah, it wasn't so much 1998 and all that that I was concerned about, used to dealing with that, but the possibility that we might be going through a longer - 10 year - period of relatively stable temperatures beyond what you might expect from La Nina etc. Anyway, I'll maybe cut the last few points off the filtered curve before I give the talk again as that's trending down as a result of the end effects and the recent cold-ish years." [1225026120.txt]</p>	<p><b>Dec 3, 2008</b></p> <p><b>JONES: UEA IS ON BOARD TO IGNORE FOI REQUESTS FROM MCINTYRE</b></p> <p>JONES: I DELETED LOADS OF E-MAILS 2 MONTHS AGO</p> <p>JONES: "When the FOI requests began here, the FOI person said we had to abide by the requests. It took a couple of half hour sessions - one at a screen, to convince them otherwise showing them what CA [climateaudit.org] was all about. Once they became aware of the types of people [McIntyre] we were dealing with, everyone at UEA (in the registry and in the Environmental Sciences school - the head of person quite well and the Chief Librarian - who deals with appeals....</p> <p>"The inadvertent email I sent last month has led to a Data Protection Act request sent by a certain Canadian [McIntyre], saying that the email mandated his scientific credibility with his peers: If he pays 10 pounds (which he hasn't yet) I am supposed to go through my emails and he can get anything I've written about him. About 2 months ago I deleted loads of emails, so have very little - if anything at all." [1228330629.txt]</p>	<p><b>Apr 26, 2007</b></p> <p>JONES sets out the options he was considering with regard to FOI requests he was facing (date taken from the file's last edit date):</p> <p>"Options appear to be:</p> <p>"1. Send them the data</p> <p>"2. Send them a subset removing station data from some of the countries who made us pay in the normals papers of Hulme et al. (1990s) and also any number that David can remember. This should also omit some other countries like (Australia, NZ, Canada, Antarctica). Also could extract some of the sources that Anders added in (31-38 source codes in I&amp;M 2003). Also should remove many of the early stations that we coded up in the 1980s.</p> <p>"3. Send them the raw data as is, by reconstructing it from [NASA's GISS' dataset known as] GHCN. How could this be done? Replace the stations where the WMO ID agrees with what is in GHCN. This would be the raw data, but it would annoy them." [Jones-foathoughts.doc]</p>	<p><b>2007</b></p> <p><b>FOURTH IPCC ASSESSMENT REPORT (AR4) AND THE IPCC'S '4,000 SCIENTISTS'</b></p> <p>Dr. William Schlesinger: Approximately 80% of IPCC scientists do not deal with climate. [84]</p> <p><b>THE NATIONAL POST, "NUMBERS RACKET," BY LAWRENCE SOLOMON:</b></p> <p>"This is the conclusion of 4,000 scientists appointed by governments from virtually every country in the world," asserted Mr. Rudd [Prime Minister of Australia], in making his case that the planet is in peril....</p> <p>"[Australian] John McLean scrutinized the lists that the IPCC used to arrive at its figures and found them to be riddled with duplications, such as the 383 authors who also acted as reviewers for the same sections in which their work appeared, and the authors and reviewers who were listed twice or thrice. Remove the duplications, and the total number of authors plus reviewers drops from 3,750 to 2,890....</p> <p>"Most importantly, the great majority of the reviewers commented on chapters that dealt with historical or technical issues... The exception was Chapter 9 - Understanding and Attributing Climate Change. An endorsement here would clearly be a bone fide endorsement of the IPCC's conclusion.</p> <p>"Chapter 9 had 53 authors and it received individuals, four commented favourably on the entire chapter and three on a portion of the chapter." "The 53 authors and seven favourable reviewers represent a total of 60 people, leading McLean to conclude: "There is only evidence that about 60 people explicitly supported the claim made by the IPCC that global warming represents a threat to the planet." [20]</p>	<p><b>Apr 26, 2007</b></p> <p><b>CANADA: POLAR BEAR NUMBERS UP</b></p> <p>"The latest government survey of polar bears roaming the vast Arctic expanses of northern Quebec, Labrador and southern Baffin Island show the population of polar bears has jumped to 2,100 animals from around 800 in the mid-1980s.</p> <p>"As recently as three years ago, a less official count placed the number at 1,400." [83]</p>	<p><b>Apr 23, 2007</b></p> <p>JONES sets out the options he was considering with regard to FOI requests he was facing (date taken from the file's last edit date):</p> <p>"Options appear to be:</p> <p>"1. Send them the data</p> <p>"2. Send them a subset removing station data from some of the countries who made us pay in the normals papers of Hulme et al. (1990s) and also any number that David can remember. This should also omit some other countries like (Australia, NZ, Canada, Antarctica). Also could extract some of the sources that Anders added in (31-38 source codes in I&amp;M 2003). Also should remove many of the early stations that we coded up in the 1980s.</p> <p>"3. Send them the raw data as is, by reconstructing it from [NASA's GISS' dataset known as] GHCN. How could this be done? Replace the stations where the WMO ID agrees with what is in GHCN. This would be the raw data, but it would annoy them." [Jones-foathoughts.doc]</p>	<p><b>Apr 6, 2007</b></p> <p><b>NASA: POLAR BEAR NUMBERS UP</b></p> <p>"The latest government survey of polar bears roaming the vast Arctic expanses of northern Quebec, Labrador and southern Baffin Island show the population of polar bears has jumped to 2,100 animals from around 800 in the mid-1980s.</p> <p>"As recently as three years ago, a less official count placed the number at 1,400." [83]</p>	<p><b>Apr 2008</b></p> <p><b>NASA: PACIFIC NOW IN ITS LONG TERM COOL PHASE</b></p> <p>Pacific switches to the cool phase of the Pacific Decadal Oscillation. The PDO is a long-term alternation of the Pacific between cool and warm periods. Unlike El Niño and La Niña, which may occur every 3 to 7 years and last from 6 to 18 months, the PDO can remain in the same phase for 20 to 30 years. The shift in the PDO can have significant implications for global climate. The Pacific was in the Oscillation's warm phase during most of the 1980s and 1990s (a time when the Earth was warming). [108] [107] (Also see [UN FAO 2001].)</p>	<p><b>Dec 3, 2008</b></p> <p><b>JONES: UEA IS ON BOARD TO IGNORE FOI REQUESTS FROM MCINTYRE</b></p> <p>JONES: I DELETED LOADS OF E-MAILS 2 MONTHS AGO</p> <p>JONES: "When the FOI requests began here, the FOI person said we had to abide by the requests. It took a couple of half hour sessions - one at a screen, to convince them otherwise showing them what CA [climateaudit.org] was all about. Once they became aware of the types of people [McIntyre] we were dealing with, everyone at UEA (in the registry and in the Environmental Sciences school - the head of person quite well and the Chief Librarian - who deals with appeals....</p> <p>"The inadvertent email I sent last month has led to a Data Protection Act request sent by a certain Canadian [McIntyre], saying that the email mandated his scientific credibility with his peers: If he pays 10 pounds (which he hasn't yet) I am supposed to go through my emails and he can get anything I've written about him. About 2 months ago I deleted loads of emails, so have very little - if anything at all." [1228330629.txt]</p>	<p><b>Oct 9, 2009</b></p> <p><b>BBC: WHAT HAPPENED TO GLOBAL WARMING?</b></p> <p>"For the last 11 years we have not observed any increase in global temperatures. And our climate models did not forecast it, even though man-made carbon dioxide, the gas thought to be responsible for warming our planet, has continued to rise." [42]</p>	<p><b>Oct 12, 2009</b></p> <p><b>ADMISSION: THE SUN AND/OR EL-NINO DRIVE CLIMATE SCHNEIDER: "As we enter an El Niño year and as soon [sic] as the sunspots get over their temporary-presumed-maximum, there will likely be another dramatic upward spike like 1992-2000."</b></p> <p>[1253550975.txt]</p> <p>Note the conditional "likely," meaning no spike is also possible. When it comes to driving temperatures, the Sun is given credit.</p>	<p><b>Oct 14, 2009</b></p> <p><b>WIGLEY: MANY DISHONEST IPCC PRESENTATIONS</b></p> <p>While JONES, MANN, TRENBERTH, KARL, HANSEN, SANTER, and others discuss the BBC article, WIGLEY rebukes MANN for producing a deceptive chart, and notes dishonest presentations by individual authors and the IPCC.</p> <p><b>WIGLEY: "The Figure you sent is very deceptive.</b> As an example, historical runs with PCM look as though they match observations - but the match is a fluke. PCM has no indirect aerosol forcing and a low climate sensitivity - compensating errors. In my (perhaps too harsh) view, there have been a number of dishonest presentations of model results by individual authors and by IPCC. This is why I still use results from MAGICC to compare with observed temperatures. At least here I can assess how sensitive matches are to sensitivity and forcing assumptions/uncertainties." [1255558867.txt]</p>	<p><b>Oct 9, 2009</b></p> <p><b>IPCC COPENHAGEN CONFERENCE</b></p>	<p><b>Dec 5, 2009</b></p> <p><b>TIMESONLINE.CO.UK: UK MET OFFICE TO COMMENCE 3 YEAR PROJECT TO RE-EXAMINE 160 YEARS OF CLIMATE DATA</b></p> <p>[NOTE: This requires the original raw data, which the CRU claims to have destroyed.]</p> <p>"The Met Office plans to re-examine 160 years of temperature data after admitting that public confidence in the science on man-made global warming has been shattered by leaked e-mails. The new analysis of the data will take three years, meaning that the Met Office will not be able to state with absolute confidence the extent of the warming trend until the end of 2012.</p> <p>"The Met Office database is one of three main sources of temperature data analysis on which the UN's main climate change science body relies for its assessment that global warming is a serious danger to the world. This assessment is the basis for next week's climate change talks in Copenhagen aimed at cutting CO2 emissions.</p> <p>"The Government is attempting to stop the Met Office from carrying out the re-examination, arguing that it would be seized upon by climate change sceptics.</p> <p>"The Met Office works closely with the University of East Anglia's Climatic Research Unit (CRU), which is being investigated after e-mails written by its director, Phil Jones, appeared to show an attempt to manipulate temperature data and block alternative scientific views.</p> <p>"The Met Office's published data showing a warming trend draws heavily on CRU analysis. CRU supplied all the land temperature data to the Met Office, which added this to its own analysis of sea temperature data." [31]</p>	<p><b>Nov 17, 2009</b></p> <p><b>CRU DOCUMENTS MADE PUBLIC ON THE INTERNET [1672]</b></p>	<p><b>Nov 13, 2009</b></p> <p><b>UEA DENIES MCINTYRE'S FOI REQUEST</b></p> <p>"[T]he Director of Information Services at the University of East Anglia [sends a letter] to Steve McIntyre refusing his request for temperature data under the UK's version of the Freedom of Information Act. The timing of the denial, which was a day after the last email in the Climatgate files, and the fact that the files were titled FOIA.zip and FOI2009.zip... provides [sic] a striking indication to the impetus of the leak." [1673:3]</p>	<p><b>Nov 24, 2009</b></p> <p><b>CEI FILES NOTICE OF INTENT TO SUE NASA GISS TO COMPLY WITH FOI REQUESTS AND RELEASE CLIMATE DOCUMENTS</b></p> <p>Chris Homer, for the Competitive Enterprise Institute, "filed three Notices of Intent to File Suit against NASA and its Goddard Institute for Space Studies (GISS), for those bodies' refusal - for nearly three years - to provide documents requested under the Freedom of Information Act." "These documents were requested in January 2007 and NASA/GISS have refused to date to comply with their legal obligation to produce responsive documents." [73]</p>	<p><b>Nov 8, 2009</b></p> <p><b>"GLOBAL WARMING ATE MY DATA"</b></p> <p>Faced with pressure to release data, the CRU Web site claims CRU no longer has the original, only its "value-added version" [29], evoking scorn.</p> <p>"The world's source for global temperature record admits it's lost or destroyed all the original data that would allow a third party to construct a global temperature record. The destruction (or loss) of the data comes at a convenient time for the Climatic Research Unit (CRU) in East Anglia - permitting it to snub FOIA requests to see the data.</p> <p>"The CRU has refused to release the raw weather station data and its processing methods for inspection - except to hand-picked academics - for several years. Instead, it releases a processed version, in gridded form. NASA maintains its own (GISSTEMP), but the CRU Global Climate Dataset, is the most cited surface temperature record by the UN IPCC. So any errors in CRU cascade around the world, and became part of 'the science.'" [28]</p>	<p><b>Nov 6, 2009</b></p> <p><b>WIGLEY: SINCE 1980 LAND WARMING DOUBLE THAT OF OCEAN</b></p> <p>WIGLEY: "We probably need to say more about this. Land warming since 1980 has been twice the ocean warming - and skeptics might claim that this proves that urban warming is real and important." [1257546975.txt]</p>	<p><b>Jan 17, 2010</b></p> <p><b>TIMESONLINE.CO.UK: WORLD MISLED OVER HIMALAYAN GLACIER MELTDOWN [174:1]</b></p>	<p><b>Jan 17, 2010</b></p> <p><b>TIMESONLINE.CO.UK: UK MET OFFICE TO COMMENCE 3 YEAR PROJECT TO RE-EXAMINE 160 YEARS OF CLIMATE DATA</b></p> <p>[NOTE: This requires the original raw data, which the CRU claims to have destroyed.]</p> <p>"The Met Office plans to re-examine 160 years of temperature data after admitting that public confidence in the science on man-made global warming has been shattered by leaked e-mails. The new analysis of the data will take three years, meaning that the Met Office will not be able to state with absolute confidence the extent of the warming trend until the end of 2012.</p> <p>"The Met Office database is one of three main sources of temperature data analysis on which the UN's main climate change science body relies for its assessment that global warming is a serious danger to the world. 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Apr 22, 1999 - Sep 22, 1999

### SETTING THE STAGE FOR HIGH DRAMA AND INTRIGUE

In "Climatgate Part 2 - A 2,000-page epic of science and skepticism," Terence Corcoran explains how BRIFFA and MANN but heads over BRIFFA'S forthcoming paper, in which he "decided to mention uncertainties in tree-ring data while pushing the need for more work." [0923937760.txt]

Corcoran explains that BRIFFA was "struggling with Russian tree-ring results and the reports of Russian scientists on their difficulties. Their findings often contradicted the idea that the world is warmer today than hundreds or even thousands of years ago. Relatively high number of trees has been noted during 2500-1450 AD. There is no evidence of moving palm trunks in the north during the last century," wrote Rashit Hapantayev from Russia in October 1998 [0907973032.txt] - implying that warming has been common in the past and nothing unusual was happening today.

"The reference to 2500-1450 would appear to support the long-held scientific view on the existence of a Medieval Warm Period that might have been hotter than the 20th century. A couple of weeks later, another Russian, Eugene Vaganov, wrote in a paper saying that the warming in the middle of the 20th century is not extraordinary. The warming at the border of the 1st and 2nd millennia was [longer] ... and similar in amplitude. [0908297214.txt]. Mr. Briffa, in his Science paper, proposed his own 2,000-year record as an alternative to Mr. Mann's hockey stick ... The paper raises issues that cast doubt on Mr. Mann's version of climate history... When Mr. Mann saw the pre-publication version of Mr. Briffa's critical paper, he blew up..."

A series of heated e-mails ensue and it "appears, moreover, that Mr. Mann had interfered with the peer-review process of Mr. Briffa's article at Science magazine. One of Mr. Mann's associates, Raymond Bradley at the University of Massachusetts, on April 19, wrote to Science editor Julia Uppenbrink, saying, 'I would like to disassociate myself from Mike Mann's view regarding the climate warming article. Mr. Bradley sends a blind copy of this email to Mr. Briffa.' [See (BRADLEY 19 Apr. 1999)]

"The conflict eventually makes it up to Phil Jones, the head of CRU, who writes a stinging letter to Mr. Mann on May 6. You seem quite pissed off with us all in CRU... [Jones] then rips into Mr. Mann [accusing him] of 'slanging us all off to [the journal] Science.'" "[A month later, MANN offers an apology about which] Mr. Bradley, Mr. Mann's associate in Massachusetts and co-creator of the hockey stick graph, sends a private response to Mr. Briffa: 'Excuse me while I puke...'"

"At this point in the Climatgate emails, the stage has been set for a decade of high drama. Over the next 10 years, the emails become a zone of internal conflict and external battles to suppress criticism, ridicule critics and resist all outside interference with the official science story they had assembled. The late 20th century was the warmest in history, and the next 100 years could be a climate nightmare." "The Mann technique of aggressive intervention in the peer-review process over Mr. Briffa's work sets the tone for what would become a major strategy as all the scientists within the IPCC loop vaged war on any science and papers that contravened or questioned the official view." [124.txt]

Oct 5, 1999

### HOW TO HIDE COOLING: DON'T USE THE DATA

BRIFFA had been using Yamal tree ring data since late 1996, but by November 1997, he is "struggling with results." [124.txt] His data shows cooling after 1960, while the instrument record shows warming. (See also [142108839.txt]) [JONES 12 Aug. 1996]. OSBORN attributes the discrepancy to a "non-temperature signal". They go from 1402 to 1995, although we usually stop the series in 1960 because of the recent non-temperature signal that is superimposed on the tree-ring data that we use." [0939154709.txt]

The problem is that "the divergence raises the question that if the tree-ring reconstructions could not read the higher temperatures of today, how could the scientists be sure that there weren't higher temperatures throughout the last thousand years that have also gone undetected by the tree-rings." [1672] BRIFFA'S decline is raised at the (IPCC 1.Sep.1999) Arusha meeting, and to solve it, OSBORN advises MANN to remove all data after 1960 for the IPCC figure he is preparing, as explained by MCINTYRE (also see [60]):

"On Oct. 5, 1999, Osborn (on behalf of Briffa) sent Mann a revised version of the Briffa reconstruction with more low-frequency variability... a version that is identical up to 1960... [7] his version had an even larger late-20th century decline than the version shown at the Tanzania Lead Authors' meeting. Nonetheless, the First Order Draft, sent out a few weeks later [see (FIRST 27 Oct. 1999)] contained a new version of the proxy diagram, a version which contains the main elements of the eventual Third Assessment Report proxy diagram [see (IPCC 2001)]."

"The diagram [right] shows the IPCC version of the Briffa reconstruction (digitized from the IPCC 2001) compared to actual Briffa data (IPCC version 1939154709.txt)... [7] The decline [after 1960] in the Briffa reconstruction has, for the most part, been deleted from the IPCC proxy diagram [see green line in graph at right, and in close-up graph shown with (IPCC 2001)]. "Contrary to claims by various climate scientists, the IPCC Third Assessment Report did not disclose the deletion of the post-1960 values." "The deletion of the decline was repeated in the 2007 Assessment Report First Order and Second Order Drafts, once again without any disclosure." [54]

OSBORN also advises MANN to try changing the baseline (i.e., to massage the data) if a decline prior to 1960 appears. "Indeed, if the non-temperature signal that causes the decline in tree-ring density begins before 1960, then a short 1931-60 period might yield a more biased result than using a longer 1881-1960 period." [0939154709.txt]

Sep 23, 1999

### BRIFFA NOT HAPPY ABOUT CREATING "CONSENSUS" BY EXCLUDING DATA

BRIFFA: "My concern was motivated by the possibility of expressing an impression of more consensus than might actually exist. I suppose the earlier talk implying that we should not 'muddy the waters' by including contradictory evidence worried me." [0938125745.txt]

Oct 27, 1999

### IPCC "FIRST ORDER DRAFT" OF 2001 REPORT [54]

JONES announces he's successfully using MANN'S "Nature trick" (used to create the controversial MBH98 temperature record (see (MCINTYRE Nov2003) and (MANN23-Apr-98)) to hide a drop in proxy-based reconstructed temperatures. JONES: Subject: **Diagram for WMO Statement** "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) and from 1961 for Keith's to hide the decline." [094277075.txt]

See [36] for a full explanation of how this was done, and how the "trick" became part of the iconic hockey stick graph in the 2001 IPCC report; see (IPCC 2001).

Feb. 2003 - Sep 2009

### WIKIPEDIA'S CLIMATE DOCTOR

"[Climate modeler and realclimate.org co-founder William] Connolley took control of all things climate in the most used information source the world has ever known - Wikipedia. Starting in February 2003, just when opposition to the claims of the band members were beginning to gel, Connolley set to work on the Wikipedia site. He rewrote Wikipedia's articles on global warming, on the greenhouse effect, on the instrumental temperature record, on the urban heat island, on climate models, on global cooling. On Feb. 14, he began to erase the Little Ice Age; on Aug. 11, the Medieval Warm Period. In October, he turned his attention to the hockey stick graph. He rewrote articles on the politics of global warming and on the scientists who were skeptical of the band. Richard Lindzen and Fred Singer, two of the band's most distinguished members, were among his early targets, followed by others that the band especially hated, such as Willie Soon and Sallie Baliunas of the Harvard-Smithsonian Center for Astrophysics, authorities on the Medieval Warm Period." [09] (Also see [111])

"Connolley created or rewrote 5,428 unique Wikipedia articles" and was granted a senior editorial and administrative status at Wikipedia that enabled him to delete over 500 articles' and 'banned' more than 2000 Wikipedia contributors who 'ran afoul of him.'" [101 CONNOLLEYS administrator status was revoked by Wikipedia in September, 2009 for his involvement in an unrelated dispute. [112]

Mar 11, 2003

### THREATEN CLIMATE RESEARCH JOURNAL

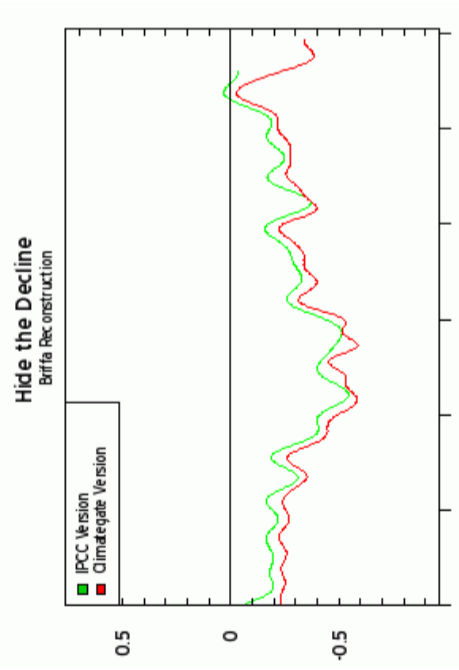
MANN e-mails JONES, HUGHES, BRIFFA, BRADLEY and others explaining how all along, the plan was to insist that those against the AGW theory publish in peer-review journals. However, now that Climate Research is publishing their papers, he suggests that he and his colleagues no longer cite papers from it or submit papers to it, while Jones says he'll boycott if it doesn't get a new editor. See [79] for full details.

On one hand, the team insists opposing views be aired in peer review journals, and on the other, takes action against editors who publish contrary articles - in this case a Willie Soon & Sallie Baliunas paper that "identifies the main cause of climate change as 'solar forcing,' not carbon dioxide (CO2)." [169] (See (SUN DETERMINED 9 Aug. 1996).)

MANN: "They've already achieved what they wanted—the claim of a peer-reviewed paper. There is nothing we can do about that now, but the last thing we want to do is bring attention to this paper, which will be ignored by the community on the whole..."

"This was the danger of always criticising the skeptics for not publishing in the 'peer-reviewed literature'. Obviously, they found a solution to that—take over a journal! So what do we do about this? I think we have to stop considering 'Climate Research' as a legitimate peer-reviewed journal. Perhaps we should encourage our colleagues in the climate research community to no longer submit to, or cite papers in, this journal. We would also need to consider what we tell or request of our more reasonable colleagues who currently sit on the editorial board..."

JONES: "I will be emailing the journal to tell them I'm having nothing more to do with it until they rid themselves of this troublesome editor. A CRU person is on the editorial board, but papers get dealt with by the editor assigned by Hans von Storch." [1047388489.txt]



Apr 12, 2002

### HOCKEY STICK AUTHOR: OUR WORK SHOULD BE CONSIDERED PRELIMINARY AND TREATED WITH CONSIDERABLE CAUTION

HUGHES, a co-author of the original hockey stick papers (MBH98 & MBH99), expresses reservations about over-reliance on their invention (also see [33]):

HUGHES: "All of our attempts, so far, to estimate hemispheres-scale temperatures for the period around 1000 years ago are based on far fewer data than any of us would like. None of the datasets used so far has anything like the geographical distribution that experience with recent centuries indicates we need, and no one has yet found a convincing way of validating the lower-frequency components of them against independent data. As Ed [Cook] wrote, in the tree-ring records that form the backbone of most of the published estimates, the problem of poor replication near the beginnings of records is particularly acute, and ubiquitous... Therefore, I accept that everything we are doing is preliminary, and should be treated with considerable caution." [1018647333.txt]

Apr 24, 2003

### OUT EDITORS THAT PUBLISH PAPERS YOU DON'T LIKE

WIGLEY explains to JONES, HULME and CARTER strategies for ousting the editor of Climate Research, which has published papers they don't agree with [1051190249.txt]:

WIGLEY: "PS Re CR [Climate Research], I do not know the best way to handle the specifics of the editing. Hans von Storch is partly to blame - he encourages the publication of crap science 'in order to stimulate debate'. One approach is to go direct to the publishers and point out the fact that their journal is perceived as being a medium for disseminating misinformation under the guise of refereed work. I use the word 'perceived' here, since whether it is true or not is not what the publishers care about - it is how the journal is seen by the community that counts. I think we could get a large group of highly credited scientists to sign such a letter - 50+ people."

"Note that I am copying this view only to Mike Hulme and Phil Jones. Mike's idea to get editorial board members to resign will probably not work - must get rid of von Storch too, otherwise holes will eventually fill up with people like Legates, Balling, Lindzen, Michaels, Singer, etc. I have heard that the publishers are not happy with von Storch, so the above approach might remove that hurdle too." (Von Storch subsequently resigns.)

Apr 23, 2003

SALINGER, TRENBERTH, WILBY, MANN, KARL, and 20 other "friends and colleagues" about their duty to act as the gate-keepers of what papers appear in scientific publications, even if the papers pass peer review:

SALINGER: "Ignoring bad science eventually reinforces the apparent 'truth' of that bad science in the public mind, if it is not corrected. As importantly, the 'bad science' published by CR is used by the sceptics' 'lobbies to 'prove' that there is no need for concern over climate change. Since the IPCC makes it quite clear that there are substantial grounds for concern about climate change [this is circular logic since the IPCC said so because of the hockey team's work!], it is not partially the responsibility of climate science to make sure only satisfactorily peer-reviewed science appears in scientific publications? - and to refute any inadequately reviewed and wrong articles that do make their way through the peer review process?" [1051230500.txt]

Jun 17, 2002

### COOK: WE KNOW OF PROBABLE FLAWS IN MANN'S WORK

BRIFFA is "sick to death" of MANN'S representations about his temperature data, which COOK agrees is problematic. See (MANN 19 Apr. 1999) and (MCINTYRE AND MCKITRICK Nov.2003) for background on MANN'S work.

BRIFFA: "I have just read this letter - and I think it is crap. I am sick to death of Mann stating his reconstruction represents the tropical area just because it contains a few (poorly temperature representative) 'target' series, such as the increasing trend of self-opinionated verbage he has produced over the last few years, and ... (letter say no more)"

COOK: "Of course, I agree with you. We both know the probable flaws in Mike's recon, particularly as it relates to the tropical stuff. Your response is also why I chose not to read the published version of his letter. It would be too aggravating... It is puzzling to me that a guy as bright as Mike would be so unwilling to evaluate his own work a bit more objectively." [1024334440.txt]

New 2003

MCINTYRE AND MCKITRICK EXPOSE HOCKEY STICK FLAWS WIGLEY: MANN'S 1998 PAPER "IS A VERY SLOPPY PIECE OF WORK"

STEVEN MCINTYRE and ROSS MCKITRICK publish their first paper, "Corrections to the Mann et al. (1998) Proxy Data Base and Northern Hemisphere Average Temperature Series." (MM03) in Energy & Environment exposing the "collation errors, unjustifiable truncation or extrapolation of source data, obsolete data, geographical location errors, incorrect calculation of principal components and other quality control defects" in MANN'S MBH98 hockey stick graph. [37]

In October, 2004 WIGLEY reads MM03 and e-mails JONES he thinks MANN'S paper is very sloppy: "I have just read the M&M stuff criticizing MBH. A lot of it seems valid to me. At the very least MBH is a very sloppy piece of work - an opinion I have held for some time. Presumably what you have done with Keith's better - or is it? I get asked about this a lot." [098472400.txt]

The graph from MM03 highlights the result after MANN'S hockey stick is corrected. Specifically, high temperatures at the end of the Medieval Warm Period (1400-1500) are restored (see (WEGMAN 14-Jul.2006)). The hockey stick graph, used in the 2001 IPCC report, removes the MWP and LIA, and makes it appear that there is alarming warming in recent years compared with purportedly stable temperatures in earlier centuries.

Mar 31, 2004

### JONES "REVIEWS" MORE PAPERS CRITICAL OF HIS OWN WORK

JONES: "Recently rejected two papers (one for JGR and for GRU) from people saying CRU has it wrong over Siberia. Went to town in both reviews, hopefully successfully. If either appears I will be very surprised, but you never know with GRU." [1080742144.txt]

FROM [85]: "One of those rejected papers about Siberian temperatures may have been by me [Lars Kanael]. The time is about right. I got it rejected because of nonsense from a reviewer, and the editor saw it as an attack on him when I criticized the quality of the review. After that, I gave up the idea of ever getting something AGW critical published in a journal."

Jul 8, 2004

### CONTROL PAPERS USED BY THE IPCC

JONES: "I can't see either of these papers being in the next IPCC report. Keith and I will keep them out somehow - even if we have to redefine what the peer-review/literature is!" [1089318616.txt] (Note: the papers were excluded from the IPCC report. See [81] for more about what took place.)

Feb 26, 2004

### JONES "REVIEWS" PAPER DEALING WITH HIS OWN WORK [077829152.txt]

JONES to MIKE: "Just agreed to review a paper for GRU - it is absolute rubbish. It is having a go at the CRU temperature data - not the latest version, but the one you used in MBH98!! We agreed (as of data for the region this person says has Urban Warming!) So easy review to do. Sent Ben the Soon et al. paper and he wonders who reviews these sorts of things. Says CRU hasn't a clue with editors or reviewers. By chance they seem to have got the right person with the one just received."

"Can I ask you something in CONFIDENCE - don't email around, especially not to Keith and Tim here. Have you reviewed any papers recently for Science that say that MBH98 [note that MBH98 is MANN'S own work] and MI03 have underestimated variability in the millennial record - from models or from some low-freq proxy data. Just a yes or no will do. Tim is reviewing them - I want to make sure he takes my comments on board, but he wants to be squeaky clean with discussing them with others. So forget this email when you reply."

Jun 23, 2005

### CONGRESS QUESTIONS IPCC ABOUT MANN'S METHODS

Joe Barton and Ed Whitfield, Chairmen, Subcommittee on Oversight and Investigations, officially raise the issue of MANN et al.'s "historical record of temperatures and climate change" with the IPCC Chairman because "recent peer-reviewed articles in Science, Geophysical Research Letters, Energy & Environment, among others, researchers question the results of this work." They state this is particularly important because they "understand that these studies of temperature proxies (tree rings, ice cores, corals, etc.) formed the basis for a new finding in the 2001 [IPCC] Third Assessment Report (TAR)."

Further, they explain that "we understand from the February 14 Journal and these other reports that researchers have failed to replicate the findings of these studies, in part because of problems with the underlying data and the calculations used in the report." Questions have also been raised concerning the sharing and dissemination of the data and methods used to perform the studies. For example, according to the January 2005 Energy & Environment, the information necessary to replicate the analyses in the studies has not been made fully available to researchers upon request.

This raises serious questions for their committee: "[O]ne concern relates to whether IPCC review has been sufficiently robust and independent. We understand that Dr. Michael Mann, the lead author of the studies in question, was also a lead author of the IPCC chapter that assessed and reported this very same work, and that two co-authors of the studies were also contributing authors to the same chapter." [1120393115.txt]

Feb 18, 2005

### MANN'S METHOD CREATES HOCKEY STICKS

The Wall Street Journal cites experts questioning the validity of MANN'S hockey stick graph, and the methods used to produce it:

"Statistician Francis Zwiers of Environment Canada (a government agency) notes that Mr. Mann's method 'preferentially produces hockey sticks when there are none in the data.' Other reputable scientists such as Berkeley's Richard Muller and Hans von Storch of Germany's GKSS Center essentially agree. [32]

Jan 21, 2005

### THREATEN GEOPHYSICAL RESEARCH LETTERS JOURNAL

HUGHES, MANN, WIGLEY, BRADLEY, JONES, BRIFFA and SCHMIDT discuss what to do about the journal Geophysical Research Letters (GRL), which had been printing papers they don't like. Its editor, James Salers is subsequently ousted.

WIGLEY: "This is truly awful. GRL has gone downhill rapidly in recent years. I think the decline began before Salers..."

"Proving bad behavior here is very difficult. If you think that Salers is in the greenhouse skeptics camp, then, if we can find documentary evidence of this, we could go through official ... channels to get him ousted. Even this would be difficult."

MANN: "It's one thing to lose 'Climate Research'. We can't afford to lose GRL. I think it would be useful if people begin to record their experiences w/ both Salers and potentially Mackwell [Editor in Chief, GRU] (I don't know him—he would seem to be complicit w/ what is going on here).

"If there is a clear body of evidence that something is amiss, it could be taken through the proper channels." [1106322460.txt]

Dec 10, 2004

### REALCLIMATE.ORG IS BORN

GAVIN SCHMIDT, MIKE MANN, ERIC STEIG, WILLIAM CONNOLLEY, STEFAN RAHMSSTORF, RAY BRADLEY, Amy Clement, REALCLIMATE.ORG, and CASPAR AMMANN establish realclimate.org, described by [73]:

SCHMIDT: "The idea is that we working climate scientists should have a place where we can mount a rapid response to supposedly 'bombshell' papers that are doing the rounds and give more context to climate related stories or events." [1102687002.txt]

Feb 16

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Jan 11, 2005

### FIRST CONTACT WITH FOI: THE SCHEMING STARTS

The moment JONES and WIGLEY first became aware of the Freedom of Information Act

RCOJ

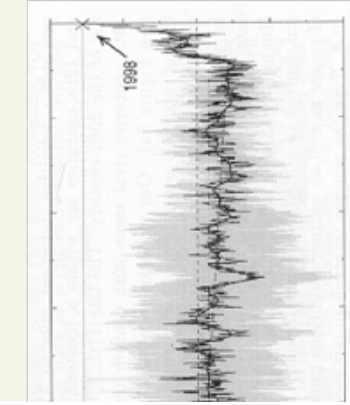
Corrected version: 20<sup>th</sup>



1998 - 2010

JUST SAY YOU DONT HAVE THE DATA EVEN IF YOU DO  
BRIFFA publishes BRIFFA2000 [156] which uses the now controversial Yamal tree ring measurement temperature data. In 1995 BRIFFA published that 1032 "was the coldest year of the millennium" however new data by Schweingruber showed "the opposite situation - a very warm 11th century". So in BRIFFA2000 he substituted his original data with the Yamal data without reporting the contradictory results. [157] "This Yamal data was used like crack cocaine by paleoclimatologists, and is critical in many spaghetti graph reconstructions..." [158]

Curious about this situation, MCINTYRE requests the data in 2006, but is refused. He finally obtains the data by luck in 2009 (see [MCINTYRE 26.Sep.2009]). In fact, as he explains, OSBORN even advised the editors of Science in 2006 that he (i.e. CRU) didn't "have any core measurement data... [though] the Climategate documents show that CRU had an extensive collection of Yamal measurement data... Not only did CRU actually have Yamal measurement data (which it had had since the 1990s) the CRU letters showed that CRU had funded collection of the Yamal data (at least in part)." [155]



S A GOOD YEAR  
d HUGHES republish their hockey stick in Geophysical (MBH99). This time, however, the hockey stick goes back to the Medieval Warm Period and Little Ice Age. [44]

or earlier). MANN is appointed Lead Author of Chapter 2, 'Variability and Change,' of the IPCC 2001 report, which MANN'S hockey stick on page 3 (see [IPCC 2001]).

MANN'S hockey stick is discredited (see [MCINTYRE AND 3]). However, the graph had become the de facto "proof" of global CO2 induced man-made climate change. The hockey stick is later in the 2007 report.

2001

UN FAO: EARTH WARMS AND COOLS EVERY 30 YEARS  
The UN Food and Agriculture Organization sought to understand the effect of climate change on long-term fluctuations of commercial catches and reported that several independent measures showed "a clear 55-65 year periodicity" (i.e. approx 30 year warming then cooling) over both short terms (150 years) and long terms (1500 years). [146:] The report also highlighted that the current "latitudinal... epoch of the 1970-1990s" is in its final stage and a "meridional epoch... is now in its initial stage." [146:2] Latitudinal circulations have corresponded to warm periods and meridional circulations to cool ones.

2001  
THIRD IPCC ASSESSMENT REPORT (TAR): THE HOKEY STICK ARRIVES ON STAGE  
In its 1990 report, the IPCC used the temperature graph created by Hubert Lamb, CRU's first Director [125], which showed the Medieval Warm Period, 1000 years earlier, and the Little Ice Age 300 years earlier. Both the MWP and LIA were global phenomena, and a major problem for the CO2/man-made global warming theory. The hockey team needed to eliminate them. And this is what was done. [50] [127]

In fact, DEMING was actually told that "We must get rid of the Medieval Warm Period" (see [MEDIEVAL WARM PERIOD 1995]). In [MANN 4.Jun.03], Mann writes: "... 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...' [054736277.txt]

On March 15, 1999, MANN publishes the hockey stick graph in MBH99. It flattens the MWP and LIA, and then turns dramatically skyward to make it appear that temperatures were relatively stable in earlier centuries.

By September 1, 1999 (or earlier) MANN is appointed Lead Author of Chapter 2, "Observed Climate Variability and Change," of the IPCC 2001 report, which substitutes Mann's hockey stick (shown here) for Lamb's 1990 graph. The hockey stick is featured prominently on page 3 of the "Summary for Policymakers." Though Mann's hockey stick is discredited 2 years later (see [MCINTYRE AND MCKITRICK Nov.2003]), it becomes de facto "proof" of purported catastrophic CO2 induced man-made climate change, and is given persistent prominence by Al Gore.

The authors of the 4 data sets used in this graph are all key individuals party to the CRU e-mails. There are 2 data sets from MANN, 1 data set from JONES and 1 from BRIFFA (who is embroiled in his own hockey stick fiasco; see [BRIFFAS YAMAL 26.Sep.2009]). For an explanation of manipulations in this graph, see [36]; for explanations of other tampering and a close-up [60]; see [HOW TO: 5.Oct.1999] and [MANN 1.Sep.1999].

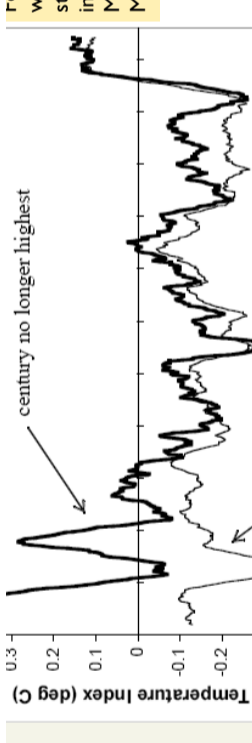
The hockey stick was not used in the 2007 report, but the players remain the same, with BRIFFA taking over from MANN, as explained by MCINTYRE in "IPCC AR4" [56].

"The lead author for the millennial paleotemperature section was Keith Briffa... The Team features prominently in the chapter - a search on Mann turns up 92 mentions; BRIFFA 36 mentions; JONES 36 mentions. Like MANN before him, BRIFFA used his position as Lead Author to publicize his own work."

From 1998 to 2004, JONES and Jan Palutik serve as Co-Directors of the University of East Anglia's CRU. In 2005 JONES becomes sole Director. He is also custodian of the IPCC temperature record, the primary data set relied on by the IPCC. [19]

1998 - 2010  
DAVIES is Dean of the School of Environmental Sciences, University of East Anglia (he is presently Pro-Vice-Chancellor of UEA).

the IPCC. It is now claimed because of temperature data [31]. Because most all of their raw data from why all 3 datasets are unreliable.



For a layman's explanation of the MCINTYRE and PALUTIK paper and why it proves MANN'S hockey stick is statistically invalid (i.e. the hockey stick is a fabrication), as well as a riveting account of the mainstream of intrigue the M&M paper unleashed, see [53]. In 2005, MCINTYRE and MCKITRICK publish more papers (following further disclosures about Mann) they claim "are a definitive resolution of issues first raised in MM03." [57]

2005  
JONES: WE'VE GOT 25 YEARS WORK IN THE DATA. WHY SHOULD I GIVE IT?  
JONES, whose research is publicly funded, claims ownership when asked to disclose his data and methods. From "The Dog Eat Global Warming" by Patrick J. Michaels. "Warwick, Hughes an Australian scientist, wondered where that '+' came from, so he politely wrote Phil Jones in early 2005, asking for the original data, Jones's response to a fellow scientist attempting to replicate his work was, 'We have 25 years or so invested in the work. Why should I make the data available to you, when your aim is to try and find something wrong with it?'"

"Repead that statement, for it is breathtaking in its anti-scientific thrust. In fact, the entire purpose of replication is to 'try and find something wrong'..."

"Then the story changed. In June 2009, Georgia Tech's Peter Webster told Canadian researcher Stephen McIntyre that he had requested raw data, and Jones freely gave it to him. So McIntyre promptly filed a Freedom of Information Act request for the same data. Despite having been invited by the National Academy of Sciences to present his analyses of millennial temperatures, McIntyre was told that he couldn't have the data because the wasn't an academic. So his colleague Ross McKittrick, an economist at the University of Guelph, asked for the data. He was turned down, too. [27]

2004  
INTERNATIONAL ASTRONOMICAL UNION: WARMING DUE TO SUN COOLING COMING  
"A symposium of the International Astronomical Union [2004] concluded that it is the Sun that is chiefly responsible for the warming of the late 20th century, [93] and that it would be markedly less active in the coming half-century, resulting in global cooling.

Currenty, 5 years later, that IAU prediction is holding firmly.

2003

CO2 DOES NOT DRIVE TEMPERATURE - IT IS THE OTHER WAY AROUND. FIRST TEMPERATURE INCREASES THEN CO2 INCREASES  
"In the 1990's the classic Vostok ice core graph showed temperature and carbon in lock step moving at the same time. It made sense to worry that carbon dioxide did influence temperature. But by 2003 new data came in and it was clear that carbon lagged behind temperature... After temperatures rise, on average it takes 800 years before carbon starts to move (see graph). The extraordinary thing is that the lag is well accepted by climatologists, yet virtually unknown outside these crates." [148]

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Feb 21, 2005

HOW TO HIDE COOLING: HAVE A BIAS FC PRODUCES HOCKEY STICKS, AND KEEP M OF INFORMATION  
JONES: "Francis Zwiers is [3]hill inside. He's hockey sticks.... The IPCC comes in for a lot of six appropriate!"

"PS I'm getting fassled by a couple of peopl station temperature data. Don't any of you the UK has a Freedom of Information Act"

The e-mail includes copies of 6 articles explain full disclosure, but that MANN was refusing to review:

"This should have produced a healthy scientific deb algorithm by which he arrived at his conclu Mann was forced to publish a retraction of some of about his statistical methods have since grown. - 17 February, 2005"

"The WSJ highlights what Regaldo and McIntyre sa analysis, and his code. So this is what I say to Dr. M deep concern over peer review, give up your data, with a smile on your face." - Kevin Vranes, Science 1

"Mann's work doesn't meet that definition who use Mann's curve in their arguments a argument. One of Pournelle's Laws states 'You can make up your data.' I will now add another Pournel anything if you can keep your algorithms se February 2005" [1109021312.txt]

"Dr. [Edward] Statistics at Ge Committee on S Statistical Assoc become involve global-warming bono. He conc who also agree the Board of the entirely vindic THE COMMI" "In general, w obscure and ) McKitrick) to "In our further reconstruction, by virtue of suggest that connected or they might of "It is importa though they i interacting w research mater we judge that necessarily fr Moreover, the y believes that p hottest decac millennium c

2008 - 2009  
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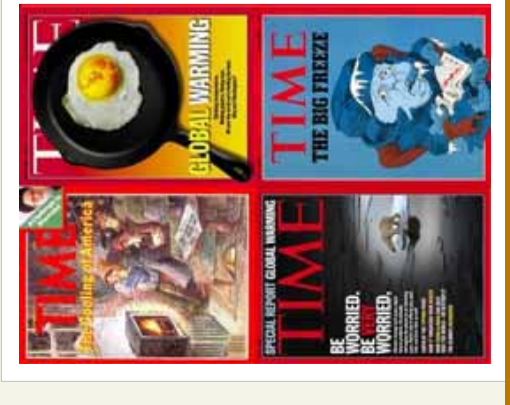
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**Mar 7, 1996 - Nov 12, 2009**  
**PERIOD COVERED BY CRU E-MAILS**  
**OTHER DOCUMENTS AND DATA FILES GO BACK TO**  
**MAY 31, 1991 (AS PER THE FILES' LAST EDIT DATE)**

**SS RESEARCH**  
**ROPOGENIC GLOBAL**



**Nov. 11, 1991**  
**GREENPEACE CO-FOUNDER: TRUTH DOESN'T MATTER, ONLY WHAT PEOPLE BELIEVE**  
**PAUL WATSON** (founder of Greenpeace): "It doesn't matter what is true, it only matters what people believe is true.... You are what the media define you to be. [Greenpeace] became a myth, and a myth-generating machine." [90] [135]

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**Jun 12, 1996**

**WALL STREET JOURNAL: "A MAJOR DECEPTION OF GLOBAL WARMING."**  
**BY FREDERICK SEITZ**

"This IPCC report, like all others, is held in such high regard largely because it has been peer-reviewed. That is, it has been read, discussed, modified, and approved by an international body of experts. These scientists have laid their reputations on the line. But, this report is not what it appears to be -- it is not the version that was approved by the contributing scientists listed on the title page. In my more than 60 years as a member of the American scientific community, including service as president of both the National Academy of Sciences and the American Physical Society, I have never witnessed a more disturbing corruption of the peer-review process than the events that led to this IPCC report....

"The following passages are examples of those included in the report as approved by the scientists but deleted from the supposedly peer-reviewed published version:

- None of the studies cited above has shown clear evidence that we can attribute the observed [climate] changes to the specific cause of increases in greenhouse gases."
- "No study to date has positively attributed all or part [of the climate change observed to date] to anthropogenic [man-made] causes." [15]
- "A leading article in Nature [June 13 [1996]], while dismissive of IPCC critics, had to admit that phrases that might have been (mis)interpreted as undermining ... [IPCC] conclusions ... "disappeared" in the revision process." [14]

"[Dr. Benjamin] Santer was lead author of Chapter 8 for the 1995 IPCC Report and involved in [his] major controversy. He altered contents of the Chapter so it agreed with the Summary for Policymakers (SPM) without consent of other authors." [13] "Santer ... has always taken full responsibility for making the actual changes, although he has not been forthcoming in revealing who instructed him to make such revisions and who approved them after they were made. He has, however, told others privately that he was asked [prevalled upon?] to do so by IPCC co-chairman John Houghton.... [A] November 15 letter from the State Department.... [interviewed] Dr. Houghton to 'prevail upon' chapter authors to modify their texts in an appropriate manner following discussion in Madrid." [14]

**DECEMBER 12, 2009: UPDATE ON THE IPCC'S "PEER REVIEW" PROCESS**  
**LORD CHRISTOPHER MONCKTON, REPORTING FROM THE COPENHAGEN IPCC CONFERENCE:** "IPCC Chairman Rajendra Pachauri asked us to believe that the IPCC's documents were 'peer-reviewed'. Then he revealed the truth by saying that it was the authors of the IPCC's climate assessments who decided whether the reviewers' comments were acceptable. That -- whatever else it is -- is not peer review." [76]

**Jun 17, 1998**

**MANN COMES ON BOARD: "I LIKE THE IDEA. INCLUDE ME IN"**

From "Climategate Part 1 - A 2,000-page epic of science and skepticism":  
 "What really rocked the paleoclimate work at CRU, and ultimately shook the IPCC, was a seemingly out-of-the-blue email [0938093932.txt on June 17, 1998, from Michael Mann to Phil Jones, then head of East Anglia's CRU Centre. Before then, no mention had been made in the email cache of Michael Mann... Dear Phil,  
 Of course I'll be happy to be on board. I think the opportunity for some direct collaboration between us (me, and you/lim/kath) is ripe, and the plan to compare and contrast different approaches and data and synthesize the different results is a good one. Though sidetracked by other projects recently, I remain committed to doing this with you guys, and to exploring applications to synthetic datasets with manufactured biases/acc remains high priority. It sounds like it would fit into the proposal you mention. There may be some overlap w/proposals we will eventually submit to NSF (renewal of our present funding), etc. by I don't see a problem with that in the least.  
 Once the collaboration is officially in place, I think that sharing of codes, data, etc. should not be a problem. I would be happy to make mine available, though can't promise its the most user friendly thing in the world.  
 In short, I like the idea. Include me in, and let me know what you [n]eed from me (v, etc.).  
 cheers,  
 mike

"Exactly what those words mean is hard to know. It must be science talk. What is certain from the Climategate emails is that world climate science, and the Climategate emails, would never be the same thereafter. Mr. Mann [who had just published his infamous paper [see [MANN 1998]] quickly rose to the dominant figure in the paleoclimate effort.... The core of that paper was a graphic that would come to be known as the graphic "hockey stick" presentation of the temperature over the past centuries."  
 "With Mr. Mann on board, everybody else seemed to go overboard. In the emails, he soon showed out Keith Briffa as the prime tree-ring guru. The Mann hockey stick, and the science work behind it, would end up consuming thousands of email hours over the next decade." [124:1]

**Sep 22, 1999**

**MANN: I HAVE LESS CONFIDENCE IN YOUR DATA THAN SOME OF MY FRIENDS**

MANN: "I should join Chris, through no fault probably through ME, my thoughts very clear others, definitely over my own [Mann et al. 0938018124.txt]

**Sep 22, 1999**

**BRIFFA: JUST AS WARM 1000 YEARS AGO**

BRIFFA: "I believe that the recent warmth v matched about 1000 years ago." [0938018

**Apr 19, 1999**

**BRADLEY: NO CONSENSUS EVEN AT CRU, AND WE ARE NOT GATEKEEPERS**

BRADLEY is so offended by some comments of MANN that he tides this e-mail "CENSORED!!!!". He also makes clear that there is no consensus even among UEA/CRU scientists, and doesn't like the "gatekeeper" role many have assumed.

**May 6, 1999**  
**MANN WAN**  
**MANN TO JO**  
 others: "I trust us all proper cr doing here." [0

**Sep 22, 1999**

**MANN: I HAVE LESS CONFIDENCE IN YOUR DATA THAN SOME OF MY FRIENDS**

MANN: "I should join Chris, through no fault probably through ME, my thoughts very clear others, definitely over my own [Mann et al. 0938018124.txt]

**Sep 22, 1999**

**BRIFFA: JUST AS WARM 1000 YEARS AGO**

BRIFFA: "I believe that the recent warmth v matched about 1000 years ago." [0938018

**Sep 1, 1999 - Sep 22, 1999**

**MANN: IPCC DOESN'T WANT TO UNDERMINE CONSENSUS**

**SEPTEMBER 1-3, 1999:** IPCC Arusha meeting to consider "zero-order draft" of TAR (MANN in attendance). [0929985154]

**SEPTEMBER 22, 1999:** MANN, JONES, BRIFFA and FOLLAND (copy to KARL) discuss "IPCC Revisions."

MCINTYRES "IPCC AND THE TRICK".

"No minutes of this meeting are available, but Climatgate correspondence on Sep 22-23 [0938018124.txt], 1999 provides some contemporary information about the meeting." [The IPCC was also structuring the Summary for Policy-makers, and a proxy diagram showing temperature history over the past 1000 years was a 'clear favourite.' [FOLLAND, 0938018124.txt]

"[A] version of the proxy diagram was presented at the Tanzania meeting showing the late twentieth century decline." "The emails etc that the late 20th century decline in the Briffa reconstruction was perceived by IPCC as 'diluting the message'; that 'everyone in the IPCC thought that the Briffa decline was a 'problem' and a 'potential distraction/derailment', that this was then the most important issue in chapter 2 of the IPCC report and that there was 'pressure' on Briffa and other authors to show a 'nice tidy story of 'unprecedented warming' in thousand years or more."

"By this time, it appears [from the e-mails] that each of the three [IPK authors (Jones, Mann and Briffa) had experimented with different approaches to the 'problem of the decline...." "[One] approach is perhaps evidenced in programming changes a week earlier [Sep 13 1999], in which programs in the osborn-treeb/mann/oldprog director appear to show efforts to 'correct' the calibration of the Briffa reconstruction, which may or may not be relevant to the eventual methodology to 'hide the decline' (used by the IPCC, which is working similar, but not identical, to that used by JONES two weeks later in [JONES 16.Nov.1999], as explained in [54]).

"The final IPCC diagram (2.2.1) is shown ... [IPCC 2001] in this rendering the Briffa reconstruction is obviously no longer 'a problem' a potential distraction/derailment' and does not 'dilute the message'. Mann has given any 'folder' to the skeptics, who obviously did not have a 'fild day' with the decline." [54] [The main fiddle was to simply delete the offending data (see [HOW TO HIDE 5.Oct.1999] and [IPCC 2001]).

**Sep 13, 1999**

**HOW TO HIDE COOLING: BURY IT IN SOFTWARE**

CRU PROGRAMMING CODE [CALIBRATE\_CORRECTMXD.F

**Sep 7, 1998**

**HOW TO HIDE COOLING: BURY IT IN SOFTWARE "FUDGE FACTORS"**

(Date from BRIFFA, SEP98\_EPRO file's last edit.)  
 After 1940, Earth cooled, while atmospheric CO2 increased: the opposite of what should have happened according to AGW theory. Buried in two CRU files of software code was what the programmer described as a "fudge factor" and labeled as a "VERY ARTIFICIAL correction for decline." This code is shown below.

\*\*\*\*\* APPLIES A VERY ARTIFICIAL CORRECTION FOR DECLINE \*\*\*\*\*  
 YrInc=[1400/findeg]^(19^5)+1904  
 YrInc=[0.0,0.0,-0.1,-0.25,-0.30,-0.1,0.3,0.8,1.2,1.7,2.5,2.6,2.6,2.6,2.6]\*0.75; fudge factor"

"These two lines of code establish a twenty-element array (YrInc) comprising the year 1400 (base year, but not sure why needed here) and nineteen years between 1904 and 1994 in half-decade increments. Then the corresponding 'fudge factor' (from the valid) matrix) is applied to each interval.... [N]ot only are temperatures biased to the upside later in the century (though certainly prior to 1960), but a few mid-century intervals are being biased slightly lower...." [22]

As seen in the graph [153], when the above "correction" is applied, it lowers the warm temperatures in the 1930s, and raises the cool temperatures after 1940, softening the 1940 warm peak [GRAPH 153]. [See [34] [35] [22] [153] for more information.]

The 1940 "warming blip" has always been a problem. See [WIGLEY 27.Sep.09] where WIGLEY and JONES discuss how to reduce the 1940 "warming blip". This time the solution is to try to reduce warm temperatures as opposed to the above attempt to increase cool temperatures.

**Mar 25, 1998**

**CRU PROGRAMMING CODE [IDENSPPLUS188119602NETCDF.PRO] [23]**

(Date from the file's last edit.)  
 Note these comments from the programming code specifically say that while the CRU has temperature data going back to 440 and 1070, it only uses data after 1400, that is, after the Medieval Warm Period that undermines the Anthropogenic Global Warming (or man-made global warming) hypothesis.

: we know the file starts at yr 440, but we want nothing till 1400, so we can skip lines (-1400:440)/10 + 1 header line

: we now want all lines (10 yr per line) from 1400 to 1980, which is (-1980:1400)/10 + 1 lines

: we know the file starts at yr 1070, but we want nothing till 1400, so we can skip lines (-1400:1070)/10 + 1 header line

: we now want all lines (10 yr per line) from 1400 to 1991, which is (-1990:1400)/10 + 1 lines (since 1991 is on line beginning 1990)

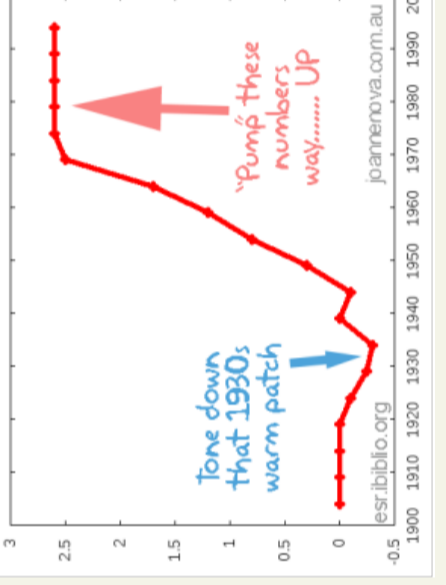
**Nov 22, 1996**

**SAVE TIME - JUST MAKE UP THE TEMPERATURES**

**Dr. [John] Daly** uncovered an eleven-year signal in the temperature data set from the island of Tasmania. [169] In a 1996 e-mail to the CRU, Daly explains: "The transform result shows a sharp spike at the 11 year point...." "It would appear that the [11 year] solar cycle does indeed affect temperature..." "I tried the same run on the [smoothed] CRU global temperature set.... [The 11 year pulse is still there...." [0839635440.txt]

"In his effort to correlate the data, Dr. Wigley concludes that the solar signal is strong enough to convince him that solar forcing is a major factor in climate change: (4) Causes. Here, ice cores are more valuable... But the main external candidate is solar, and more work is required to improve the "paleo" solar forcing record and to understand how the climate system responds both globally and regionally to solar forcing." [0839635862.txt]

"What is significant about this paragraph is that it identifies the main cause of climate



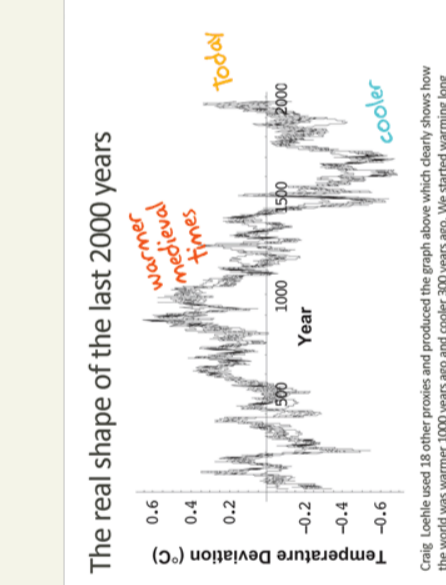
**Aug 9, 1996**

**SUN DETERMINED AS MAJOR CLIMATE FACTOR: RESULTS SUPPRESSED**

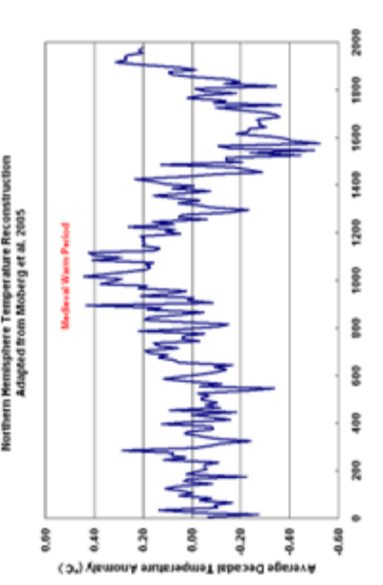
"Dr. [John] Daly uncovered an eleven-year signal in the temperature data set from the island of Tasmania. [169] In a 1996 e-mail to the CRU, Daly explains: "The transform result shows a sharp spike at the 11 year point...." "It would appear that the [11 year] solar cycle does indeed affect temperature..." "I tried the same run on the [smoothed] CRU global temperature set.... [The 11 year pulse is still there...." [0839635440.txt]

"In his effort to correlate the data, Dr. Wigley concludes that the solar signal is strong enough to convince him that solar forcing is a major factor in climate change: (4) Causes. Here, ice cores are more valuable... But the main external candidate is solar, and more work is required to improve the "paleo" solar forcing record and to understand how the climate system responds both globally and regionally to solar forcing." [0839635862.txt]

"What is significant about this paragraph is that it identifies the main cause of climate



Crut. Little used 18 other proxies and produced the graph above which clearly shows how the world was warmer 2000 years ago and cooler 300 years ago. We started warming long before cool powered electricity was invented. There's no correlation with CO2 levels.



**1995**

**MEDIEVAL WARM PERIOD: "WE HAVE TO GET RID OF IT"**

A major problem for the Anthropogenic (i.e., Man-made) Global Warming theory is the Medieval Warm Period of a thousand years ago. The MWP was a time when global temperatures were much warmer than today's. Indeed "more than 700 scientists from 400 institutions in 40 countries have contributed to peer-reviewed papers providing evidence that the Medieval Warm Period, which the IPCC has tried to deny, was real, global, and warmer than the present." [94] (Also see [63] and graphs [top 26, middle 36, bottom 64])

During the MWP, Chaucer spoke of vineyards in northern England [128] [129]. "All over the city of London there are little memories of the vineyards that grew in the [MWP]." [137] "An agronomist at Virginia Tech suggests that if you are planning to start a vineyard, the roots of the vines cannot be exposed to temperatures below 25°F or the vines will die. Even though there were no thermometers at the time of Eric the Red, this gives us a benchmark for reference. In fact, the Smithsonian reports that there is evidence which supports the theory that the Viking colonies later collapsed as a result of a dramatically cooling climate." [78] (To learn more, see "On the Vikings and Greenland" [86].) Clearly these high MWP temperatures could not have been due to man-made CO2. [25] In general, warm periods have coincided with human prosperity and progress, while cool periods have coincided with suffering, disease, and famine. [70]

Following the MWP was the Little Ice Age: a time when the River Thames froze (evidenced in paintings) and in social events held on the river [136]). The LIA proves Earth has been steadily warming for centuries (see [GLACIER FACTS 2008]), contradicting the claim that recent warming is anomalous. In addition, there was the 3,000 year Holocene Maximum of 7,000 years ago when temperatures were also significantly higher than today's. [138] [123]. Together, the H.C, MWP, and LIA show that global temperatures fluctuate several degrees from natural causes with no ill-effects.

However, because the Medieval Warm Period and Little Ice Age were fatal to the AGW theory, the hockey team needed to erase them. With reference to this, David Deming, a geophysicist at the University of Oklahoma, wrote the following concerning a 1995 e-mail he received, and about which he has testified [58]:

"They thought I was one of them, someone who would pervert science in the service of social and political causes. So one of them let his guard down. A major person working in the area of climate change and global warming sent me an astonishing email that said 'We have to get rid of the Medieval Warm Period.' [59]

And this is what MANN'S 1999 hockey stick graph accomplished: [36] [127] Compare the temperature graph from the 1990 IPCC report with the one in the 2001 IPCC report (see [IPCC 1999] and [IPCC 2001]). The 2001 report used MANN'S now discredited hockey stick graph that flattened the MWP and LIA to make it appear that modern global temperatures were unusually high.

Despite MANN'S creativity, both OVERPECK and JONES remained convinced the MWP and LIA were real. In 2003 Overpeck wanted to "contain" the putative "MWP" (see [OVERPECK 4.Jun.2003]), while in 2004, Jones contested MWP and LIA temperatures, based on feelings rather than facts:

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**OLOGIES, EVEN WHEN**











1,300 in the most recent years [in the NCLC data]... [A]nd in the mid 1940s temp data file, it drops to about 1,000, most below 60 degrees latitude, where temperatures are naturally warmer. [1681] And so, like the Three Musketeers, the CRU, GISS and NOAA temperature records stand or fall together.

Data fudging and secrecy aside, by 1998, Earth had stopped warming and begun cooling, despite record levels of CO2 (large blue event box with a bomb icon). This divergence between AGW theory and reality grew so enormous that by October 12, 2009, Kevin Trenberth, in a fit of frustration, e-mailed his colleagues: "Where the heck is global warming?" "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 reason he gave for their inability to account for cooling was that "[T]he data are surely wrong. Our observing system is inadequate." In other words, the findings indicating cooling were wrong, but the climate models, predicting warming, were correct. This, arguably, is the key revelation of ClimateGate. It makes self-evident that blind faith and bankrupt logic are now masquerading as rational science. No matter how much techno-babble is used to make today's climate models sound impressive, they have all proved wrong. The hockey team scientists admit they have no clue why this is so, though other scientists do (see "Climate Corrections" [92]).

These problems would have been publicized years ago if the AGW theorists didn't have powerful allies: policy makers in virtually every professional scientific body, editors of virtually every major scientific journal, and reporters and editors at virtually all mainstream media outlets. Few provided unbiased, impartial forums where alternate views and evidence were aired and debated. Instead, most took official positions, invariably with an air of authority, and spared no effort to ensure that voices against the artificial consensus were quashed by editorial fiat and a persistent campaign of vilification, intimidation, and ridicule.

Twenty-first Century science has borrowed a page from the medieval Church in using fear and persecution to silence skeptics. The oppressed have become the oppressors. Given that most professional scientific bodies and peer-reviewed journals have been active accomplices in this scandal, one wonders how many other "scientific consensususes" have been similarly engineered.

## 1974 ANOTHER ICE AGE?

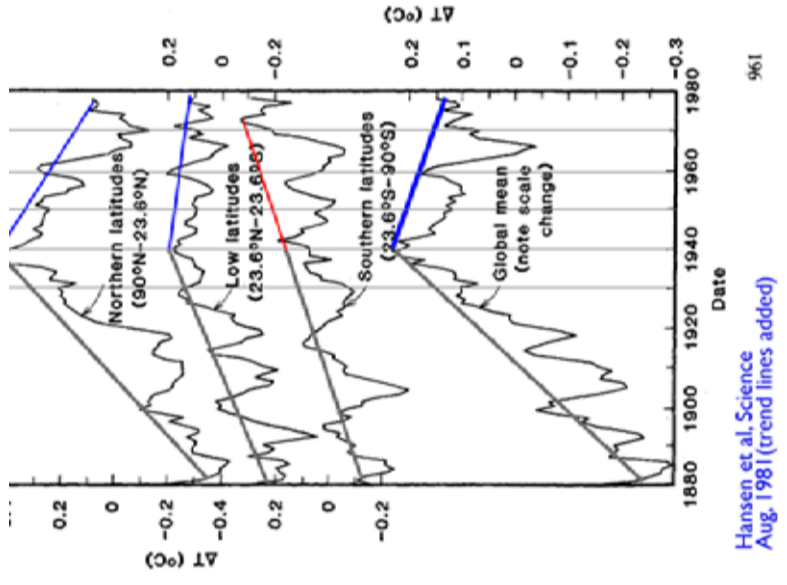
TIME MAGAZINE (June 24, 1974): "Climatological Casanovas are becoming increasingly apprehensive, for the weather aberrations they are studying may be the harbinger of another ice age." [1]

NEW YORK TIMES (May 21, 1975): "Scientists ponder why world's climate is changing. Major cooling widely considered to be inevitable." [2]

NEWSWEEK (April 28, 1975): "The Cooling World - "[A]most unanimous in the view that the trend will reduce agricultural productivity for the rest of the century." [3]

INTERNATIONAL WILDLIFE (July 1975): "[T]he threat of a new ice age must now stand alongside nuclear war as a likely source of wholesale death and misery for mankind." -- Nigel Calder [150] See [135] for media coverage of warming and cooling spanning 114 years.

## 1940 - 1980 GLOBAL COOLING DESPITE THE GREATEST MAN-MADE CO2 EMISSIONS BOOM (AS IT APPEARED IN 1980 DATA)



Hansen et al. Science Aug. 1981 (trend lines added) 961

Mar. 9, 1980

NEW YORK TIMES: COOLING March 9, 1980: "Scientists are reviving the controversial notion that millions of cubic miles of Antarctic ice can sometimes abruptly slip off the continent into the sea, resulting in extreme increases in global ocean levels and precipitating a dramatic chilling of the world's climate." [2]

b) Cooled from 1940 to 1980 (40 years), despite the greatest increase in man-made emissions of CO2 up to that date, due to the post-war economic boom.

Regardless of a previous warming trend of 60 years, and being 40 years into a cooling trend, it was decided at the July, 1979 conference that the Earth was again undergoing warming, and that CO2 was to blame. How? How could HANSEN have predicted a warming trend at this time, the late 1970s, when his own data didn't show it? Only years later, once a seeming trend had set in, was it declared that Earth was in a warming period. Was this a coincidence? Was HANSEN lucky? Are we to believe that "simple climate model[s]" [133] constructed 30 years ago let Hansen et al accurately predict global warming and attribute it to CO2, when these, and later, more sophisticated models run on powerful super-computers, all failed to predict the global cooling that has been happening for more than a decade now (despite ever-higher levels of atmospheric CO2)? Or is it as Syun-ichi Akasofu, former director of the world-leading International Arctic Research Center at the University of Alaska, and author of over 500 articles, explained in September 2007: "[N]o supercomputer, no matter how powerful, is able to prove definitively a simplistic hypothesis that says the greenhouse effect is responsible for warming." [92]

In fact, after 12 years of cooling, one hockey stick researcher flatly states today that it is a "travesty" models cannot account for the cooling (see [TRENBERTH 12, Oct. 2009]). If these models cannot explain the cooling, it stands to reason they cannot explain the warming, because unknown factors changing the climate are overwhelming the known.

Yet, while only a handful of scientists agreed with the 1979 conference conclusions or HANSEN'S 1981 position, the news media ignored all other points of view, and championed Hansen's CO2 induced warming, giving him front-page billing. Why?

Apr. 17, 1981

NEW YORK TIMES: WARMING FROM CO2 One year after headlining cooling, the New York Times flip-flops, and in an op-ed piece sets the terms of the CO2-induced global warming debate. "[B]y the time we were certain that a carbon dioxide induced climate change was occurring, it would be too late to prevent it." [6]

Feb. 21, 1978 - Nov. 1980

DESPITE COOLING SINCE 1940, AND NO CONSENSUS ON FUTURE TEMPERATURE TRENDS, A NUMBER OF CONFERENCES ON HOW CO2 SUPPOSEDLY IMPACTS CLIMATE ARE HELD BETWEEN 1978 AND 1980

Many of the individuals directly involved in the ClimateGate e-mails (including JONES, WIGLEY, and HANSEN) attend these are now major players in the IPCC itself. [13]

FEBRUARY 21, 1978: "Carbon Dioxide, Climate and Society," a workshop sponsored by WHO, UNEP and SCOPE. [10:1]

FEBRUARY 12, 1979: First World Climate Conference organized by the World Meteorological Organization calls "on all nations to unite in efforts to understand climate change and to plan for it, but does 'not call for action to prevent future climate change.' [5]

MARCH 7, 1979: A Miami Beach workshop on the global effects of carbon dioxide from fossil fuels is conducted by the U.S. Department of Energy. [10:1]

JULY 23, 1979: A study group convened by the National Academy of Sciences to "assess the scientific basis for projection of possible future climatic changes resulting from man-made release of carbon dioxide into the atmosphere" meets in response to a request by the Director of the Office of Science and Technology, HANSEN and A. Gihrist (of the UK Meteorological office) are contributing scientists. Despite acknowledging significant gaps in knowledge, and omitting "the role of the biosphere in the carbon cycle" from their deliberations, "warming will eventually occur." [10:2]

NOVEMBER, 1980: "[A conference] in Villach, Austria, in 1980 organised jointly by the United Nations Environment Programme (UNEP), World Meteorological Organisation (WMO) and the International Council for Science (ICSU) also concluded that the potential threats were sufficient to warrant an international programme of co-operation in research but that, due to scientific uncertainties, the development of a management plan for CO2 would be premature." [5]

Aug. 22, 1981

GLOBAL WARMING MAKES THE FRONT PAGE Global warming makes the front page after HANSEN provides a New York Times reporter with a preview copy of his paper "Climate Impact of Increasing Atmospheric Carbon Dioxide" to be published in the Journal Science [4], in which he makes dramatic predictions about CO2 greenhouse effects [7].

"Many scientists were critical of the approach taken by HANSEN and others for damaging the integrity of science. According to [Spencer] Weart, 'respected scientists publicly rebuked Hansen, saying he had gone far beyond what scientific evidence justified.'" [5]

Oct. 9, 1985

THE IPCC IS CONCEIVED

A second conference in Villach, critical to placing the climate change issue firmly on the international political agenda, and the subsequent establishment of the IPCC, concludes that the need for government action is more urgent than previously thought. According to a statement of the three organizing bodies: "As a result of the increasing concentrations of greenhouse gases, it is now believed that in the first half of the next century a rise of global mean temperature could occur which is greater than any in man's history." "[Wendy E.] Franz points out that these conclusions were far bolder than any that had gone before, and stood in stark contrast to the conclusion of a US National Research Council report, published just two years earlier in 1983, which 'advocated "caution not panic", and weighed in against the development of policies to limit CO2 emissions.'" [5]

According to John McLean, citing Franz's paper "The Development of an International Agenda for Climate Change." [170] "[I]n the time the 100 attendees participated as individuals rather than representatives of their countries, and they were selected by the three sponsoring agencies.

"These agencies pressured the attendees for policy recommendations with the UNEP representative asking for a recommendation about moving away from fossil fuels, the WMO asking for clear statements about the state of knowledge and for advice to policy makers and the ICSU asking for 'necessary policies at the national and international level'. That one sponsoring organization was already asking for a movement away from fossil fuel and another asking for certain 'necessary' policies shows that they had decided on the conclusion even before the conference began. But these were not the only ones. Franz says that the chairman, James Bruce, told the participants to 'develop a consensus statement on the present state of our scientific knowledge of increases in CO2 and other radiatively active gases, and the physical and socio-economic impacts, and to develop sound recommendations for action by countries and by international agencies, based on this scientific consensus.'" [130]

Authors of CRU e-mails, including JONES and WIGLEY, attended this conference. [13]

1989

US GLOBAL CHANGE RESEARCH PROGRAM ESTABLISHED WITH AN INITIAL BUDGET OF \$140 MILLION. (TODAY, \$2 BILLION IS SPENT ANNUALLY ON US CLIMATE RESEARCH)

"The Program is broad in scope, encompassing the full range of earth system changes, including climatic, volcanic, seismic, ecological, and biological changes... [and] addresses both natural phenomena and the effects of human activity. Global warming, an issue that has received much public attention this past year, is an important element of this Program." "However, global warming has occurred in pre-industrial areas. The potential for future global warming, and the relative contributions of natural processes and human influences are still poorly known." "In FY 1989, funding for focused global change research activities totals \$133.9 million." [131:2]

Today research funding exceeds \$2 billion annually, as compared to \$23 million by Exxon over 10 years (just \$2 million per year). "In total, over the last 20 years, by the end of fiscal year 2009, the US government will have poured in \$32 billion for climate research--and another \$3.6 billion for development of climate-related technologies." [131:1] (See also [142]).

1989

UK MET OFFICE ESTABLISHES HADLEY CENTRE FOR CLIMATE PREDICTION; HAS CLOSE TIES WITH IPCC AND CRU

John Houghton, Director General of the UK's Met Office and chair of the IPCC Working Group I, is "instrumental in [establishing] the Met Office's offshoot the Hadley Centre for Climate Prediction." [130]

"The Hadley Centre has a very close relationship with the IPCC on several fronts. In conjunction with the Climatic Research Unit (CRU) of the University of East Anglia the Hadley Centre supplies the IPCC with a key temperature dataset... Hadley Centre has also provided climate modelling for most, if not all of the IPCC's report... The pivotal chapter of the 2007 [IPCC] report, the chapter in which human activity was blamed for warming, had 53 authors of whom 10 were from the Hadley Centre. At one stage the IPCC even had offices in the Hadley Centre building." [130]

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Jun 1988

WMO AND UNEP ESTABLISH THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE (IPCC)

"Bert Bolin, the first chairman of the IPCC was already heavily committed to the notion of man-made warming, having worked previously for the UNEP, WMO, the Brundtland Report, the SCOPE 2.9 report (on which the first IPCC report was largely based) and, very crucially, having documented that the Villach conference reached a consensus that man-made emissions of carbon dioxide were to blame for variations in climate. [130]

John Houghton, of the UK's Met Office and seemingly as much a believer in man-made warming as Bolin, [was] appointed to chair IPCC Working Group I, whose role was to look for evidence of climate change and attribute causes (as if that blame hadn't been predetermined)." [130]

Jun 1988

HANSEN: STOP WAFFLING; OTHER SCIENTISTS REBUKE HANSEN

"The present hysteria formally began in the summer of 1988, although preparations had been put in place at least three years earlier... James Hansen, director of the Goddard Institute for Space Studies, in testimony before Sen. Al Gore's Committee on Science, Technology and Space, said, in effect, that he was 99 percent certain that temperature had increased and that there was some greenhouse warming. He made no statement concerning the relation between the two." [151] Afterwards, HANSEN tells journalists that it is time to "stop waffling, and say that the evidence is pretty strong that the greenhouse effect is here." [4] [15]

The media leap onto CO2 induced global warming, and the number of American newspaper articles about it rise tenfold in just one year. [4]

"The interest Hansen generated in the media was also well-timed with regard to a major conference held in Toronto at the end of June 1988 [the World Conference on the Changing Atmosphere] organised by scientists involved with the Villach and Belgium workshops of 1987. This conference brought together 341 delegates, including 20 politicians and ambassadors, 118 policy and legal advisers and senior government officials, 73 physical scientists, 50 industry representatives and energy specialists, 30 social scientists and 50 environmental activists from 46 countries." [5] According to Franz, the conference's challenge to reduce CO2 emissions by about 20 percent of 1988 levels by 2004 had minimal scientific support. [5]

"Many scientists were critical of the approach taken by Hansen and others for damaging the integrity of science. According to [climate historian Spencer] Weart, 'respected scientists publicly rebuked Hansen, saying he had gone far beyond what scientific evidence justified.'" [5] See also [151].

VERSION 1.1 / 21.JAN.2010

Unless noted, emphasis has been added.

UPDATES AND PRINTABLE FORMATS AVAILABLE FROM:

http://joaohenry.com.au/global-warming/climategate-30-year-timeline/

© 2010 Mohib Ebrahim / timelines [at] sent.com

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# CLIMATEGATE: 30 YEARS IN THE MAKING

## NOTES AND REFERENCES

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- Printed, the chart's full size is 94" x 34" (two A0 landscape pages). At this size, the text is 9 pt. Smaller sizes can be printed in tile format using Adobe Acrobat (full product, not free reader) or downloaded pre-tiled for various page sizes. Murals should be printed at 200% size, and will be readable from 3' away.
- On screen, you can zoom in and out, scroll vertically to see a given time period, or horizontally to see a given theme.
- CRU documents are referenced by document name, such as [I120593I15.txt] or [HARRY\_READ\_ME.TXT]. These documents can be found at the following:

<http://www.eastangliaemails.com>  
<http://www.climate-gate.org>  
<http://johncostella.webs.com>

- References in curved brackets { } (e.g., {MCINTYRE AND MCKITRICK 2003}) are to dated event boxes.
  - All spelling, punctuation, and grammatical errors in quotations of CRU e-mails are found in the originals.
  - All quotations have been italicized. Unless noted, all emphasis within quotes has been added.
  - Numbered references are below.
- 

- [1] "Another Ice Age," *Time*, New York, June 24, 1974  
<http://www.time.com/time/magazine/article/0,9171,944914,00.html>
- [2] Noel Sheppard, "150 Years of Global Warming and Cooling at the New York Times," *NewsBusters*, Alexandria, March 26, 2007  
<http://newsbusters.org/node/11640>
- [3] Peter Gwynne, "The Cooling World," *Newsweek*, New York, April 28, 1975  
[http://www.denisdutton.com/cooling\\_world.htm](http://www.denisdutton.com/cooling_world.htm)
- [4] Alex Evens, David Stern, "Climate Change: The State of the Debate," Center on International Cooperation, New York, October 2007.  
<http://www.cic.nyu.edu/internationalsecurity/docs/LondonAccordclimatepaper.pdf>
- [5] Tony Gilland, "Digging up the roots of the IPCC," *Spiked*, London, June 28, 2007  
<http://www.spiked-online.com/index.php/site/printable/3540/>



- [6] David Burns, "Climate and CO<sub>2</sub>," *New York Times*, New York, April 17, 1981  
<http://www.ldeo.columbia.edu/edu/eesj/casestudies/globwarm.html>
- [7] Joshua Good, "NASA Climatologist: Bush Censored Me," *BannedMagazine.com*, Tampa, January 24, 2007  
<http://www.bannedmagazine.com/JamesHansen.0001.htm>
- [8] "ClimateGate Who's Who," *MagicJava TV*, [Uploaded] November 27, 2009  
[http://www.youtube.com/watch?v=Cu\\_ok37HDuE&feature=player\\_embedded](http://www.youtube.com/watch?v=Cu_ok37HDuE&feature=player_embedded)
- [9] Marcel Leroux, "Global Warming: Myth or Reality?" *Springerlink*, Heidelberg, 2005, pg. 30  
 1. <http://www.springerlink.com/content/tx341p/>  
 2. <http://www.springerlink.com/content/t2188m57813305g7/fulltext.pdf>
- [10] "Carbon Dioxide and Climate: A Scientific Assessment," National Academy of Sciences, Washington D.C., 1979, pg. 20  
 1. [http://www.atmos.ucla.edu/~brianpm/download/charney\\_report.pdf](http://www.atmos.ucla.edu/~brianpm/download/charney_report.pdf)  
 2. pg. 1 and 3
- [11] W. Wang et al, "Greenhouse Effects Due to Man-Made Perturbations...", *Science*, Washington D.C., November 12, 1976  
[http://pubs.giss.nasa.gov/docs/1976/1976\\_Wang\\_etal.pdf](http://pubs.giss.nasa.gov/docs/1976/1976_Wang_etal.pdf)
- [12] "Climate Change to the Year 2000," National Defense University, 1976  
<http://www.climate4you.com/ClimateAndHistory%201950-1999.htm#1976: Forecasting climate change to the year 2000>
- [13] Tim Ball, "The Scientists Involved in Deliberately Deceiving the World on Climate," *Canada Free Press*, November 30, 2009  
<http://canadafreepress.com/index.php/article/17364>
- [14] October 21, 1996 Letter to the *Bulletin of the American Meteorological Society*, Boston, January, 1997  
<http://www.sepp.org/Archive/contro/ippcccont/amsltr.htm>
- [15] Frederick Seitz, "A Major Deception on Global Warming," *Wall Street Journal*, New York, June 12, 1996  
<http://www.sepp.org/Archive/contro/ippcccont/Item05.htm>
- [16] Christopher Booker, "Climate change: this is the worst scientific scandal of our generation," *Telegraph*, London, November 28, 2009  
<http://www.telegraph.co.uk/comment/columnists/christopherbooker/6679082/Climate-change-this-is-the-worst-scientific-scandal-of-our-generation.html>
- [17] Charlie Martin, "Global WarmingGate: What Does It Mean?" *Pajamas Media*, November 22, 2009  
<http://pajamasmedia.com/blog/global-warminggate-what-does-it-mean/>
- [18] History, "GISS Surface Temperature Analysis," *Goddard Institute for Space Studies*, New York, January 13, 2009  
<http://data.giss.nasa.gov/gistemp/>
- [19] "History of the Climatic Research Unit," East Anglia, nd  
<http://www.cru.uea.ac.uk/cru/about/history/>



- [20] Lawrence Solomon, "Numbers racket," *National Post*, Toronto, November 6, 2009  
1. <http://network.nationalpost.com/np/blogs/fullcomment/archive/2009/11/06/lawrence-solomon-numbers-racket.aspx>  
2. <http://network.nationalpost.com/np/blogs/fpcomment/archive/2009/11/07/lawrence-solomon-numbers-racket.aspx>
- [21] Lorrie Goldstein, "'Botch after botch after botch,'" *Toronto Sun*, Toronto, November 29, 2009  
[http://www.torontosun.com/comment/columnists/lorrie\\_goldstein/2009/11/29/11967916-sun.html](http://www.torontosun.com/comment/columnists/lorrie_goldstein/2009/11/29/11967916-sun.html)
- [22] Marc Sheppard, "CRU's Source Code: Climategate Uncovered," *American Thinker*, El Cerrito, November 25, 2009  
[http://www.americanthinker.com/2009/11/crus\\_source\\_code\\_climategate\\_r.html](http://www.americanthinker.com/2009/11/crus_source_code_climategate_r.html)
- [23] "Climategate: hide the decline -- codified," *Watt's Up With That*, Chico, November 25, 2009  
<http://wattsupwiththat.com/2009/11/25/climategate-hide-the-decline-codified/>
- [24] Steve McIntyre, "Fortress CRU," *Climate Audit*, Toronto, June 20, 2008  
<http://www.climateaudit.org/?p=3193>
- [25] David Evans, "A Simple Proof that Global Warming Is Not Man-Made," *Jo Nova*, Perth, November 29, 2009  
<http://joannenova.com.au/2009/11/a-simple-proof-that-global-warming-is-not-manmade/>
- [26] Joanne Nova, "The Skeptics Handbook II," *Jo Nova*, Perth, November, 2009  
<http://joannenova.com.au/2009/11/skeptics-handbook-ii-global-bullies-want-your-money/>
- [27] Patrick Michaels, "The Dog Ate Global Warming," *National Review*, New York, September 23, 2009  
<http://article.nationalreview.com/?q=ZTBiMTRIMDQxNzEyMmRhZjU3ZmYzODI5MGY4ZWl5OWM=>
- [28] Andrew Orłowski, "Global Warming ate my data," *The Register*, London, August 13, 2009  
[http://www.theregister.co.uk/2009/08/13/cru\\_missing/](http://www.theregister.co.uk/2009/08/13/cru_missing/)
- [29] Steve McIntyre, "CRU Responds," *Climate Audit*, Toronto, August 11, 2009  
<http://www.climateaudit.org/?p=6789>
- [30] "Shocker -- CRU's Jones: GISS is inferior," *Watts Up with That*, Chico, November 29, 2009  
<http://wattsupwiththat.com/2009/11/29/shocker-crus-jones-giss-is-inferior/>
- [31] Ben Webster, "Met Office to re-examine 160 years of climate data," *Times*, London, December 5, 2009  
<http://www.timesonline.co.uk/tol/news/environment/article6945445.ece>
- [32] "Hockey Stick on Ice," *Wall Street Journal*, New York, February 18, 2005  
[http://online.wsj.com/article\\_email/SB110869271828758608-1djeoNmlah4n5yta4GHaqylm4.html](http://online.wsj.com/article_email/SB110869271828758608-1djeoNmlah4n5yta4GHaqylm4.html)
- [33] Steven Hayward, "Scientists Behaving Badly," *Weekly Standard*, Washington D.C., December 14, 2009  
<http://www.weeklystandard.com/Content/Public/Articles/000/000/017/300ubchn.asp>



- [34] Robert Greiner, "Climategate: The Smoking Code ," *Watts Up With That*, Chico, December 4, 2009  
<http://wattsupwiththat.com/2009/12/04/climategate-the-smoking-code/>
- [35] Robert Greiner, "The Smoking Code, part 2," *Watts Up With that*, Chico, December 5, 2009  
<http://wattsupwiththat.com/2009/12/05/the-smoking-code-part-2/>
- [36] Marc Sheppard, "Understanding Climategate's Hidden Decline," *American Thinker*, El Cerrito, December 6, 2009  
[http://www.americanthinker.com/2009/12/understanding\\_climategates\\_hid.html](http://www.americanthinker.com/2009/12/understanding_climategates_hid.html)
- [37] McIntyre, McKittrick, "Corrections to the Mann et al. (1998)...," *Energy & Environment*, Brentwood, November 2003
- [38] "If the CRU leak was an inside whistleblower, here's the line-up of potential suspects heroes," *Climate Change Fraud*, November 23, 2009  
<http://www.climatechange-fraud.com/editorials/5657-if-the-cru-leak-was-an-inside-whistleblower-heres-the-line-up-of-potential-suspects-heroes>
- [39] Vincent Gray, "There Was Proof of Fraud All Along," *Pajamas Media*, El Segundo, November 27, 2009  
<http://pajamasmedia.com/blog/vincent-gray-on-climategate-there-was-proof-of-fraud-all-along-pjm-exclusive/>
- [40] Wegman, Scott, Said, "Ad Hoc Committee Report On The 'Hockey Stick' Global Climate Reconstruction," July 14, 2006  
<http://www.uoguelph.ca/~rmckitri/research/WegmanReport.pdf>
- [41] Wikipedia entry for Edward Wegman  
[http://en.wikipedia.org/wiki/Edward\\_Wegman](http://en.wikipedia.org/wiki/Edward_Wegman)
- [42] Paul Hudson, "What happened to global warming?" *BBC News*, London, October 9, 2009  
<http://news.bbc.co.uk/2/hi/8299079.stm>
- [43] M. Mann, R. Bradley, M. Hughes, "Global-scale temperature patterns and climate forcing over the past six centuries," *Nature*, London, April, 1988  
<http://www.geo.umass.edu/faculty/bradley/mann1998.pdf>
- [44] M. Mann, R. Bradley, M. Hughes, "Northern Hemisphere Temperatures...," *Geophysical Research Letters*, Washington D.C., March 15, 1999  
<http://www.geo.umass.edu/faculty/bradley/mann1999.pdf>
- [45] Christopher Booker, "Climategate reveals 'the most influential tree in the world,'" *Telegraph*, London, December 5, 2009  
<http://www.telegraph.co.uk/comment/columnists/christopherbooker/6738111/Climategate-reveals-the-most-influential-tree-in-the-world.html>
- [46] Jones, Groisman, Coughlan, Plummer, Wang, Karl, "Assessment of urbanization effects...," *Nature*, London, September 13, 1990  
<http://www.informath.org/apprise/a5620/b90.pdf>
- [47] W. Wang, Z. Zeng, T. Karl, "Urban Heat Islands in China," *Geophysical Research Letters*, Washington D.C., December, 1990  
<http://www.informath.org/apprise/a5620/b23.pdf>
- [48] Aubrey Blumsohn, "Climate Science Fraud at Albany University?" *Watts Up With That*, Chico, May 2, 2009  
<http://wattsupwiththat.com/2009/05/03/climate-science-fraud-at-albany-university/>



- [49] Douglas Keenan, "The fraud allegation against some climatic research of Wei-Chyung Wang," *Energy & Environment*, Brentwood, December, 2007  
<http://www.informath.org/pubs/EnE07a.pdf>
- [50] Willis Eschenbach, "The Smoking Gun At Darwin Zero," *Watts Up With That*, Chico, December 8, 2009  
<http://wattsupwiththat.com/2009/12/08/the-smoking-gun-at-darwin-zero/>
- [51] "PROFILE: James Hansen," *Times Online*, London, December 6, 2009  
<http://www.timesonline.co.uk/tol/news/environment/copenhagen/article6945890.ece>
- [52] "Report Raises New Questions About Climate Change Assessments," U.S. House Committee On Energy And Commerce, Washington D.C.,  
[http://republicans.energycommerce.house.gov/108/home/07142006\\_Wegman\\_fact\\_sheet.pdf](http://republicans.energycommerce.house.gov/108/home/07142006_Wegman_fact_sheet.pdf)
- [53] "Caspar and the Jesus paper," *Bishop Hill*, New York, August 11, 2008  
<http://bishophill.squarespace.com/blog/2008/8/11/caspar-and-the-jesus-paper.html>
- [54] Steve McIntyre, "IPCC and the 'Trick,'" *Climate Audit*, Toronto, December 10, 2009; updates: December 11, 2009  
<http://climateaudit.org/2009/12/10/ipcc-and-the-trick/>
- [55] "Over 400 Prominent Scientists...," U.S. Senate Committee on Environment & Public Works, Washington D.C., December 20, 2007  
<http://epw.senate.gov/public/index.cfm?FuseAction=Minority.SenateReport>
- [56] Steve McIntyre, "IPCC AR4," *Climate Audit*, Toronto, April 29, 2007  
<http://climateaudit.org/2007/04/29/ipcc-ar4/>
- [57] Steve McIntyre, "FAQ 2005," *Climate Audit*, Toronto, 2005  
<http://climateaudit.org/faq/>
- [58] "Statement of Dr. David Deming," U.S. Senate Committee on Environment & Public Works," Washington D.C., June 12, 2006  
[http://epw.senate.gov/hearing\\_statements.cfm?id=266543](http://epw.senate.gov/hearing_statements.cfm?id=266543)
- [59] David Deming, "Global Warming, the Politicization of Science, and Michael Crichton's 'State of Fear,'" *Journal of Scientific Exploration*, June 2005  
<http://www.sepp.org/Archive/NewSEPP/StateFear-Deming.htm>
- [60] David Rose, "Special Investigation: Climate change emails row deepens...," *Mail Online*, London, December 13, 2009  
<http://www.dailymail.co.uk/news/article-1235395/SPECIAL-INVESTIGATION-Climate-change-emails-row-deepens--Russians-admit-DID-send-them.html>
- [61] "Picking out the UHI in climatic temperature records – so easy a 6th grader can do it!" *Watts Up With That*, Chico, December 9, 2009  
<http://wattsupwiththat.com/2009/12/09/picking-out-the-uhi-in-global-temperature-records-so-easy-a-6th-grader-can-do-it/>
- [62] Jeff Id, "GHCN Antarctic, 8X Actual Trend – Uses Single Warmest Station," *The Air Vent*, December 13, 2009  
<http://noconsensus.wordpress.com/2009/12/13/ghcn-antarctic-warming-eight-times-actual/>
- [63] Rudolf Kipp, "The Medieval Warm Period – a global phenomenon ... or ...data manipulation?" *Watts Up With That*, Chico, November 29, 2009  
<http://wattsupwiththat.com/2009/11/29/the-medieval-warm-period-a-global-phenomena-unprecedented-warming-or-unprecedented-data-manipulation/>



- [64] "The Medieval Warm Period - A global Phenomenon," *Science Skeptical Blog*, 2009  
<http://pages.science-skeptical.de/MWP/MedievalWarmPeriod.html>
- [65] Philip Lloyd, "End 'authority' on climate change," *Business Day*, South Africa, November 23, 2009  
<http://www.businessday.co.za/articles/Content.aspx?id=87726>
- [66] K. Emanuel, J. Layzer, S. Ansolabehere, R. Prinn, R. Lindzen, "Great Climategate Debate," *Mit World*, Cambridge, December 10, 2009 (time index: 17:25)  
<http://mitworld.mit.edu/video/730>
- [67] K. Emanuel, J. Layzer, S. Ansolabehere, R. Prinn, R. Lindzen "Great Climategate Debate," *Mit World*, Cambridge, December 10, 2009 (time index: 26:03)  
<http://mitworld.mit.edu/video/730>
- [68] No item.
- [69] "anything short of the absolute pursuit of science cannot be accepted or tolerated," *Watts Up With That*, Chico, December 15, 2009  
<http://wattsupwiththat.com/2009/12/15/anything-short-of-the-absolute-pursuit-of-science-cannot-be-accepted-or-tolerated/>
- [70] Kelvin Kemm, "Scientific evidence of global warming blows hot and cold," *Business Report*, Cape Town, December 8, 2009  
<http://www.br.co.za/index.php?fSectionId=561&fArticleId=5277396>
- [71] Joanne. Nova, Anthony Watt, "News on the new Non Scientist – Updated: now with bullying," *Jo Nova*, December 15, 2009  
<http://wattsupwiththat.com/2009/12/15/news-on-the-new-non-scientist/>
- [72] 1. "A Warming Bias in the U.S. Temperature Record???" (Review), *CO2 Science*, Tempe, December 16, 2009  
<http://www.co2science.org/articles/V12/N50/C1.php>
2. "Three Decades of Near-Surface and Lower-Troposphere Temperature Measurements," (Review), *CO2 Science*, Tempe, December 9, 2009  
<http://www.co2science.org/articles/V12/N49/C1.php>
- [73] Chris Horner, "'Climate Gate' Development: CEI Files Notice of Intent to Sue NASA," *American Spectator*, Arlington, November 24, 2009  
<http://spectator.org/blog/2009/11/24/climate-gate-development-cei-f>
- [74] Jeff Id, "Russian IEA claims CRU tampered with climate data – cherrypicked warmest stations," *Watts Up With That*, Chico, December 16, 2009  
<http://wattsupwiththat.com/2009/12/16/russian-iea-claims-cru-tampered-with-climate-data-cherrypicked-warmest-stations/>
- [75] James Delingpole, "Climategate goes SERIAL: now the Russians confirm...," *Telegraph.co.uk*, London, December 16, 2009  
<http://blogs.telegraph.co.uk/news/jamesdelingpole/100020126/>
- [76] "Lord Monckton reports on Pachauri's eye opening Copenhagen presentation," *Watts Up With That*, Chico, December 17, 2009  
<http://wattsupwiththat.com/2009/12/17/lord-monckton-reports-on-pachauris-eye-opening-copenhagen-presentation/>
- [77] "World-wide Data Manipulation Scandal Emerging," (all articles on page), *Ice Cap*, Hudson, December 12, 2009  
[http://icecap.us/index.php/go/joes-blog/are\\_we\\_feeling\\_warmer\\_yet/](http://icecap.us/index.php/go/joes-blog/are_we_feeling_warmer_yet/)



- [78] Dexter Wright, "Climategate's Stubborn Facts," *American Thinker*, El Cerrito, December 16, 2009  
[http://www.americanthinker.com/2009/12/climategates\\_stubborn\\_facts.html](http://www.americanthinker.com/2009/12/climategates_stubborn_facts.html)
- [79] Patrick Michaels, "How to Manufacture a Climate Consensus," *Wall Street Journal*, New York, December 17, 2009  
[http://online.wsj.com/article/SB10001424052748704398304574598230426037244.html?mod=googlenews\\_wsj](http://online.wsj.com/article/SB10001424052748704398304574598230426037244.html?mod=googlenews_wsj)
- [80] Lawrence Solomon, "They call this a consensus?" *National Post*, Toronto, June 2, 2007  
<http://www.financialpost.com/story.html?id=c47c1209-233b-412c-b6d1-5c755457a8af#ixzz0a0MsVhIW>
- [81] Steve McIntyre, "Climategatekeeping #2," *Climate Audit*, Toronto, December 17, 2009  
<http://climateaudit.org/2009/12/17/climategatekeeping-2/>
- [82] Barry Napier, "Russians Are Right! Met Office Uses Selective Data," *Canada Free Press*, December 17, 2009  
<http://canadafreepress.com/index.php/article/18055>
- [83] Don Martin, "Polar bear numbers up, but rescue continues," *National Post*, Toronto, March 6, 2007  
<http://www.nationalpost.com/news/story.html?id=1ea8233f-14da-4a44-b839-b71a9e5df868>
- [84] Paul Chesser, "William Schlesinger on IPCC...", *Watts Up With That*, Chico, February 17, 2009  
<http://wattsupwiththat.com/2009/02/17/william-schlesinger-on-ipcc-something-on-the-order-of-20-percent-have-had-some-dealing-with-climate/>
- [85] "More evidence of gatekeeping," *Bishop Hill*, New York, December 17, 2009  
<http://bishophill.squarespace.com/blog/2009/12/17/more-evidence-of-gatekeeping.html>
- [86] Terese Brasen, "On the Vikings and Greenland," *Watts Up With That*, Chico, October 26, 2009  
<http://wattsupwiththat.com/2009/10/26/on-the-vikings-and-greenland/>
- [87] "Antarctica's ice story has been put on ice," *Watts Up With That*, Chico, October 8, 2009  
<http://wattsupwiththat.com/2009/10/08/antarcticas-ice-story-has-been-put-on-ice/>
- [88] 1. "Stephen Schneider" (bio-sketch), *EconomicExpert.com*, Montreal, 2004  
<http://www.economicexpert.com/a/Stephen:Schneider.html>
2. Stephen Schneider editorial reprinted from the *Detroit News*, November 22, 1989  
[http://stephenschneider.stanford.edu/Publications/PDF\\_Papers/DetroitNews.pdf](http://stephenschneider.stanford.edu/Publications/PDF_Papers/DetroitNews.pdf)
- [89] 1. Thomas Derr, "The Politics of Global Warming," *First Things*, New York, August/September, 2007  
<http://www.firstthings.com/article/2007/08/001-the-politics-of-global-warming-16>
2. Piers Akerman, "Stern's report scare-mongering," *Daily Telegraph*, Sydney, November 5, 2006  
<http://www.dailytelegraph.com.au/news/opinion/sterns-report-scare-mongering/story-e6frezz0-1111112469535>
- [90] L. Spencer, J. Bollwerk, R. Morais, "The not so peaceful world of Greenpeace," reprinted from *Forbes Magazine*, New York, November 11, 1991  
<http://www.highnorth.no/Library/Movements/Greenpeace/ge-ar-gr.htm>



- [91] Jeff Wells, "Some people call me Maurice," *Rigorous Institution*, Mountain View, April 21, 2005  
<http://rigorousintuition.blogspot.com/2005/04/some-people-call-me-maurice.html>
- [92] 1. Syun-Ichi Akasofu, "Climate Corrections," *Wall Street Journal*, New York, September 21, 2007  
<http://uncw.edu/preeng/files/fun/global%20warming/Climate%20Corrections.pdf>
2. Syun-Ichi Akasofu (bio-sketch), Fairbanks, October 2, 2007  
<http://people.iarc.uaf.edu/~sakasofu/index.php>
- [93] 1. Christopher Monckton, "An open letter from The Viscount Monckton of Brenchley..." *American Thinker*, El Cerrito, October 18, 2008  
[http://www.americanthinker.com/2008/10/an\\_open\\_letter\\_from\\_the\\_viscou\\_1.html](http://www.americanthinker.com/2008/10/an_open_letter_from_the_viscou_1.html)
2. Christopher Monckton, "Scare Watch: 'Global warming' will kill 6 billion," *Science & Public Policy Institute*, Haymarket, March 16, 2009  
[http://scienceandpublicpolicy.org/scarewatch/6\\_billion.html](http://scienceandpublicpolicy.org/scarewatch/6_billion.html)
- [94] Christopher Monckton, "SPPI Monthly CO2 Report: May," *Science & Public Policy Institute*, Haymarket, June 9, 2009  
[http://scienceandpublicpolicy.org/monthly\\_report/monthly\\_co2\\_report\\_may.html](http://scienceandpublicpolicy.org/monthly_report/monthly_co2_report_may.html)
- [95] "MIT researcher finds evidence of global warming on Neptune's largest moon," *MIT News*, Cambridge, June 24, 1998  
<http://web.mit.edu/newsoffice/1998/triton.html>
- [96] Lawrence Solomon, "Look to Mars for the truth on global warming," *Canada.com* (reprinted from *National Post*), Toronto, January 26, 2007  
<http://www.canada.com/nationalpost/story.html?id=edae9952-3c3e-47ba-913f-7359a5c7f723>
- [97] "Neptune News," *World Climate Report*, May 8, 2007  
<http://www.worldclimaterreport.com/index.php/2007/05/08/neptune-news/>
- [98] Richard Lindzen, "Climate of Fear: Global-warming alarmists intimidate dissenting scientists...", *Wall Street Journal*, New York, April 21, 2006  
<http://www.opinionjournal.com/extra/?id=110008220>
- [99] Timothy Carter (bio-sketch), *Potsdam Institute for Climate Impact Research*, Potsdam, February 19, 2009  
[http://www.pik-potsdam.de/infodesk/education/alter-net/2008/04-09.2008/carter/carter\\_cv](http://www.pik-potsdam.de/infodesk/education/alter-net/2008/04-09.2008/carter/carter_cv)
- [100] Richard Somerville (bio-sketch), *Richard Somerville.com*, Carlsbad, 2007-2010  
<http://richardsomerville.com/>
- [101] Eystein Jansen (bio-sketch), *International Geological Congress*, International Union of Geological Sciences, Washington D.C., 2008  
<http://33igc.org/coco/entrypage.aspx?t=climate%2Bchange&containerid=11714&parentid=11078&entrypage=true&guid=1&Inodeid=7&pageid=5002&ObjectID=11948>
- [102] Founders (bio-sketches), *Real Climate*, Washington D.C., December 6, 2004  
<http://www.realclimate.org/index.php/archives/category/extras/contributor-bios/>
- [103] Eric Steig (bio-sketch), University of Washington, Seattle, May 26, 2006  
<http://earthweb.ess.washington.edu/~steig/>



- [104] Eugene Wahl (bio-sketch), National Environmental, Satellite, Data, and Information Service, November 4, 2008  
<http://www.ncdc.noaa.gov/paleo/cv/cv2-wahl.html>
- [105] Stefan Rahmstorf (bio-sketch), Potsdam Institute for Climate Impact Research, Potsdam, nd  
<http://www.pik-potsdam.de/~stefan/>
- [106] "Top New Zealand climate scientist sacked for talking to media," *Climate Realists*, Ashford, April 25, 2009  
<http://climaterrealists.com/index.php?id=3315>
- [107] "La Nina and Pacific Decadal Oscillation Cool the Pacific," *Earth Observatory*, Greenbelt, April 29, 2008  
<http://earthobservatory.nasa.gov/IOTD/view.php?id=8703>
- [108] "Oscillation Rules as the Pacific Cools," [NASA] *Jet Propulsion Laboratory News*, December 9, 2008  
<http://www.jpl.nasa.gov/news/news.cfm?release=2008-231>
- [109] Lawrence Solomon, "Wikipedia's climate doctor," *Financial Post*, Toronto, December 19, 2009  
<http://www.financialpost.com/opinion/story.html?id=2361926>
- [110] Steve McIntyre, "Climategatekeeping: Wikipedia," *Climate Audit*, Toronto, December 19, 2009  
<http://climateaudit.org/2009/12/19/climategatekeeping-wikipedia/>
- [111] Lawrence Solomon, "The Opinionator," *National Post*, Toronto, March 3, 2008  
<http://network.nationalpost.com/np/blogs/fpcomment/archive/2008/05/03/who-is-william-connolley-solomon.aspx>
- [112] "More on Wikipedia and Connolley – he's been canned as a Wiki administrator," *Watts Up With That*, Chico, December 19, 2009  
<http://wattsupwiththat.com/2009/12/19/more-on-wikipedia-and-connolley-hes-been-canned-as-a-wiki-administrator/>
- [113] Lawrence Solomon, "Statistics needed," *National Post*, Toronto, November 28, 2006  
<http://www.nationalpost.com/story.html?id=22003a0d-37cc-4399-8bcc-39cd20bed2f6&k=0>
- [114] Willis Eschenbach, "Darwin Zero Before and After," *Watts Up With That*, Chico, December 20, 2009  
<http://wattsupwiththat.com/2009/12/20/darwin-zero-before-and-after/>
- [115] Tim Mitchell (bio-sketch), Tyndall Centre for Climate Change, East Anglia, nd  
<http://web.archive.org/web/20040217140147/http://www.cru.uea.ac.uk/~timm/personal/index.html>
- [116] Gangotri glacier image showing retreats to 2001, National Snow and Ice Data Center, Boulder, nd  
<http://nsidc.org/glims/glaciermelt/images/gangotri4.jpg>
- [117] Don Easterbrook (bio-sketch), Western Washington University, Bellingham, December 12, 2009  
<http://www.ac.wvu.edu/~dbunny/research/global/215.pdf>
- [118] Christopher Booker, "Stubborn glaciers fail to retreat, awkward polar bears continue to multiply," *Telegraph*, London, November 23, 2008  
<http://www.telegraph.co.uk/comment/columnists/christopherbooker/3563714/Stubborn-glaciers-fail-to-retreat-awkward-polar-bears-continue-to-multiply.html>



- [119] "Glaciers are growing around the world, including the United States," *Ice Age Now*, October 20, 2009  
[http://www.iceagenow.com/Growing\\_Glaciers.htm](http://www.iceagenow.com/Growing_Glaciers.htm)
- [120] 1. "New Study Turns Up the Heat on Soot's Role in Himalayan Warming," *NASA News and Features*, Washington D.C., December 14, 2009  
<http://www.nasa.gov/topics/earth/features/himalayan-warming.html>  
 2. "Wide Spread and Complex Climatic Changes Outlined...," United Nations Environment Programme, Nairobi, November 13, 2008  
<http://www.unep.org/Documents.Multilingual/Default.asp?DocumentID=550&ArticleID=5978&l=en>
- [121] Ashish Tripathi, "Gangotri: From here to eternity," *Times of India*, March 24, Delhi, 2008  
[http://timesofindia.indiatimes.com/No\\_threat\\_to\\_Gangotri/articleshow/2892632.cms](http://timesofindia.indiatimes.com/No_threat_to_Gangotri/articleshow/2892632.cms)
- [122] "2009 Arctic Sea Ice Extent exceeds 2005 for this date," *Watts Up With That*, Chico, September 21, 2009  
<http://wattsupwiththat.com/2009/09/21/2009-arctic-sea-ice-extent-exceeds-2005-for-this-date/>
- [123] Roger Highfield, "World's oldest tree discovered in Sweden," *Telegraph*, London, April 17, 2008  
<http://www.telegraph.co.uk/science/science-news/3339982/Worlds-oldest-tree-discovered-in-Sweden.html>
- [124] Terence Corcoran, "A 2,000-page epic of science and skepticism," *National Post*, Toronto, Part 1: December 18, 2009; Part 2: December 21, 2009  
<http://network.nationalpost.com/np/blogs/fpcomment/archive/2009/12/18/terence-corcoran-a-2-000-page-epic-of-science-and-skepticism-part-1.aspx>  
<http://network.nationalpost.com/np/blogs/fpcomment/archive/2009/12/21/terence-corcoran-a-2-000-page-epic-of-science-and-skepticism-part-2.aspx>
- [125] Steve McIntyre, "Where did IPCC 1990 Figure 7c Come From?" *Climate Audit*, Toronto, May 9, 2009  
<http://climateaudit.org/2008/05/09/where-did-ipcc-1990-figure-7c-come-from-httpwwwclimateauditorgp3072previewtrue/>
- [126] Christopher Monckton's Speech before the Minnesota Free Market Institute, St. Paul, October 15, 2009 (see second URL for pdf. presentation)  
<http://www.youtube.com/watch?v=stij8sUybx0>  
[http://www.friendsofscience.org/assets/documents/monckton\\_2009.pdf](http://www.friendsofscience.org/assets/documents/monckton_2009.pdf)
- [127] Marc Sheppard, "UN Climate Reports: They Lie," *American Thinker*, El Cerrito, October 5, 2009  
[http://www.americanthinker.com/2009/10/un\\_climate\\_reports\\_they\\_lie.html](http://www.americanthinker.com/2009/10/un_climate_reports_they_lie.html)
- [128] Alan Caruba, "Climategate: A Willful Ignorance," *CNSNews.com*, Alexandria, December 7, 2009  
<http://www.cnsnews.com/commentary/article/58137>
- [129] Mike Shumlach, "The real 'Climategate' creates climate smokescreen," *The Martlet*, Victoria, December 2, 2009  
<http://www.martlet.ca/article/20606-the-real-climategate-creates-climate>
- [130] John McLean, "Climate Science Corrupted," *Science & Public Policy Institute*, Haymarket, November 20, 2009  
[http://scienceandpublicpolicy.org/images/stories/papers/originals/climate\\_science\\_corrupted.pdf](http://scienceandpublicpolicy.org/images/stories/papers/originals/climate_science_corrupted.pdf)



- [131] 1. Joanne Nova, "Climate Money," *Jo Nova*, Perth, July 21, 2009  
[http://scienceandpublicpolicy.org/images/stories/papers/originals/climate\\_money.pdf](http://scienceandpublicpolicy.org/images/stories/papers/originals/climate_money.pdf)
2. "Our Changing Planet: A US Strategy for Global Change Research," U.S. Global Change Research Program, Washington D.C., 1989  
<http://www.usgcrp.gov/usgcrp/Library/OCPstrategy1989.pdf>  
<http://www.usgcrp.gov/usgcrp/Library/default.htm>
- [132] Anthony Watt, "Is the U.S. Surface Temperature Record Reliable?" The Heartland Institute, Chicago, 2009 (See second URL for related article.)  
[http://wattsupwiththat.files.wordpress.com/2009/05/surfacestationsreport\\_spring09.pdf](http://wattsupwiththat.files.wordpress.com/2009/05/surfacestationsreport_spring09.pdf)  
<http://wattsupwiththat.com/test/>
- [133] "Earth is Cooling...No It's Warming," *Earth Observatory*, Greenbelt, December 24, 2009  
[http://earthobservatory.nasa.gov/Features/GISSTemperature/giss\\_temperature2.php](http://earthobservatory.nasa.gov/Features/GISSTemperature/giss_temperature2.php)
- [134] "Carbon Emissions Trading Markets Worldwide," Bharat Book Bureau, Mumbai, May, 2009  
<http://www.bharatbook.com/Market-Research-Reports/Carbon-Emissions-Trading-Markets-Worldwide.html>
- [135] "Climate Change Alarmism Timeline 1895-2009," *An Honest Climate Debate*, August 2, 2009  
<http://anhonestclimatedebate.wordpress.com/2009/08/02/climate-change-alarmism-timelin/>
- [136] Martin Durkin. Dir., *The Great Global Warming Swindle* (video), WAG TV, London, March 9, 2007, time index: 7:19, (9:27 in UR-linked segment)  
<http://www.youtube.com/watch?v=BeY8oqAGhyA&feature=Playlist&p=EA20B42EAE54782A&index=0&playnext=1>
- [137] Ibid, time index: 8:52 (1:01 in UR-linked segment)  
<http://www.youtube.com/watch?v=QKWA9V5UQMk&feature=Playlist&p=EA20B42EAE54782A&index=1>
- [138] Ibid, time index: 9:16 (1:25 in UR-linked segment)  
<http://www.youtube.com/watch?v=BeY8oqAGhyA&feature=Playlist&p=EA20B42EAE54782A&index=0&playnext=1>
- [139] Ibid, time index: 35:31 (7:45 in UR-linked segment)  
<http://www.youtube.com/watch?v=latZM6zi5IU&feature=Playlist&p=EA20B42EAE54782A&index=3>
- [140] Ibid, time index: 35:45 (8:00 in UR-linked segment)  
<http://www.youtube.com/watch?v=latZM6zi5IU&feature=Playlist&p=EA20B42EAE54782A&index=3>
- [141] Ibid, time index: 40:47 (3:00 in UR-linked segment)  
<http://www.youtube.com/watch?v=dBIGTISqhiU&feature=Playlist&p=EA20B42EAE54782A&index=4>
- [142] Ibid, time index: 43:00 (5:15 in UR-linked segment)  
<http://www.youtube.com/watch?v=dBIGTISqhiU&feature=Playlist&p=EA20B42EAE54782A&index=4>
- [143] Ibid, time index: 1:05:55(8:15 in UR-linked segment and continued in second UR-linked segment)  
<http://www.youtube.com/watch?v=Q4ljk0qv9Ew&feature=Playlist&p=EA20B42EAE54782A&index=6>  
<http://www.youtube.com/watch?v=ehOIYKXWOhU&feature=Playlist&p=EA20B42EAE54782A&index=7>



- [144] Marlo Lewis, *Policy Peril: Straight Talk About Global Warming* (video), Competitive Enterprise Institute, Washington D.C., July 17, 2009, time index 23:58  
<http://ceiondemand.org/2009/07/17/policy-peril-global-warming/>
- [145] Michael Crichton, "Aliens cause global warming" (speech), California Institute of Technology, Pasadena, January 17, 2003  
<http://www.michaelcrichton.net/speech-alienscauseglobalwarming.html>
- [146] 1. Leonid Klyashtorin, "Climate Change and Long-Term Fluctuations..." (abstract), Food and Agriculture Organization of the UN, Rome, 2001  
[http://www.fao.org/documents/pub\\_dett.asp?pub\\_id=61004&lang=en](http://www.fao.org/documents/pub_dett.asp?pub_id=61004&lang=en)
2. "Chapter 2: Dynamics Of Climatic And Geophysical Indices"  
<http://www.fao.org/docrep/005/Y2787E/y2787e03.htm#bm03>
- [147] David Douglas and John Christy, "A Climatology Conspiracy?" *American Thinker*, El Cerrito, December 27, 2009  
[http://www.americanthinker.com/2009/12/a\\_climatology\\_conspiracy.html](http://www.americanthinker.com/2009/12/a_climatology_conspiracy.html)
- [148] Joanne Nova, "The 800 year lag – graphed," *Jo Nova*, Perth, August 30, 2008  
<http://joannenova.com.au/global-warming/ice-core-graph/>
- [149] Climategate Documentary, *Yleisradio* TV1, Helsinki, December 7, 2009, time index 1:39  
<http://www.youtube.com/watch?v=YVDHbOu7Sq8&NR=1>
- [150] P.J. O'Rourke, *All the Trouble in the World*, Boston, 1994, pg. 167  
[http://books.google.com/books?id=Ouyr7shT8tsC&pg=PA167&lpg=PA167&dq=%22he+threat+of+a+new+ice+age+must+now+stand+alongside+nuclear+war%22+Nigel+calder&source=bl&ots=JEXyyYE5vs&sig=beQ07lpLnzXOqDg2E\\_vW62gGTXk&hl=en&ei=YH8-S6bhKY6mswPXI9HJBA&sa=X&oi=book\\_result&ct=result&resnum=1&ved=0CAcQ6AEwAA#v=onepage&q=%22he%20threat%20of%20a%20new%20ice%20age%20must%20now%20stand%20alongside%20nuclear%20war%22%20Nigel%20calder&f=false](http://books.google.com/books?id=Ouyr7shT8tsC&pg=PA167&lpg=PA167&dq=%22he+threat+of+a+new+ice+age+must+now+stand+alongside+nuclear+war%22+Nigel+calder&source=bl&ots=JEXyyYE5vs&sig=beQ07lpLnzXOqDg2E_vW62gGTXk&hl=en&ei=YH8-S6bhKY6mswPXI9HJBA&sa=X&oi=book_result&ct=result&resnum=1&ved=0CAcQ6AEwAA#v=onepage&q=%22he%20threat%20of%20a%20new%20ice%20age%20must%20now%20stand%20alongside%20nuclear%20war%22%20Nigel%20calder&f=false)
- [151] Richard Lindzen, "Global Warming: The Origin and Nature of the Alleged Scientific Consensus," Cato Institute, Washington D.C., Spring 1992  
<http://www.cato.org/pubs/regulation/regv15n2/reg15n2g.html>
- [152] "Right for 27 years: 1981 Hansen study finds warming trend that could raise sea levels," *Climate Progress*, Washington DC., August 27, 2008  
<http://climateprogress.org/2008/08/27/right-for-27-years-1981-hansen-study-finds-warming-trend-that-could-raise-sea-levels/>
- [153] Joanne Nova, "CRU Data-Cooking: Recipe Exposed!" *Jo Nova*, November 30, 2009  
<http://joannenova.com.au/2009/11/cru-data-cooking-recipe-exposed/>
- [154] 1. "Global Warming Petition Project FAQ," *Petitionproject.org*, Cave Junction, nd  
[http://www.petitionproject.org/frequently\\_asked\\_questions.php](http://www.petitionproject.org/frequently_asked_questions.php)
2. "Qualifications of Signers," *Petitionproject.org*, Cave Junction, nd  
[http://www.petitionproject.org/qualifications\\_of\\_signers.php](http://www.petitionproject.org/qualifications_of_signers.php)
- [155] Steve McIntyre, "Difference in Yamal Versions 'Not Insignificant,'" *Climate Audit*, Toronto, January 4, 2010  
<http://climateaudit.org/2010/01/04/difference-in-yamal-versions-not-insignificant/>



- [156] Keith Briffa, "Annual climate variability in the Holocene: interpreting the message of ancient trees," *Quaternary Science Reviews*, Oxford, January 1, 2000  
<http://post.queensu.ca/~biol527/Briffa%20and%20Keith%202000.pdf>  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6VBC-40378TB-8&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&\\_docanchor=&view=c&\\_acct=C000050221&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=1c920ab5c89ecd8ebf8f4bd564eddcde](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VBC-40378TB-8&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&_docanchor=&view=c&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=1c920ab5c89ecd8ebf8f4bd564eddcde)
- [157] Steve McIntyre, "The Euro Hockey Team and Yamal," *Climate Audit*, Toronto, October 27, 2006  
<http://climateaudit.org/2006/10/27/the-euro-hockey-team-and-yamal/>
- [158] Steve McIntyre, "Fresh Data on Briffa's Yamal #1," *Climate Audit*, September 26, 2009  
<http://climateaudit.org/2009/09/26/briffas-yamal-crack-cocaine-for-paleoclimatologists/>
- [159] Olive Crook, "More on Climategate," Clive Crook, *The Atlantic*, Washington D.C., November 30, 2009  
[http://clivecrook.theatlantic.com/archives/2009/11/more\\_on\\_climategate.php](http://clivecrook.theatlantic.com/archives/2009/11/more_on_climategate.php)
- [160] Kenneth Green, "A Death Spiral for Climate Alarmism, Redux?" *Master Resource*, Houston, September 30, 2009  
<http://masterresource.org/?p=5036>
- [161] "More Than 700 International Scientists Dissent..." U.S. Senate Committee on Environment & Public Works, Washington D.C., December 11, 2008  
[http://epw.senate.gov/public/index.cfm?FuseAction=Minority.Blogs&ContentRecord\\_id=2674E64F-802A-23AD-490B-BD9FAF4DCDB7](http://epw.senate.gov/public/index.cfm?FuseAction=Minority.Blogs&ContentRecord_id=2674E64F-802A-23AD-490B-BD9FAF4DCDB7)
- [162] Patrick Michaels, "Sound and Fury: The Science and Politics of Global Warming," Cato Institute, Washington D.C., 1992, pg. 81-83  
[http://books.google.com/books?id=of7ImKM9XxwC&pg=PA26&lpg=PA26&dq=%22Sound+and+Fury%22+folland&source=bl&ots=jwrKektd4e&sig=C2iGmyspzxf2OZl0Bjfqm3BkvxE&hl=en&ei=wLFHS4Nag56yA9qifYP&sa=X&oi=book\\_result&ct=result&resnum=1&ved=0CAYQ6AEwAA#v=onepage&q=&f=false](http://books.google.com/books?id=of7ImKM9XxwC&pg=PA26&lpg=PA26&dq=%22Sound+and+Fury%22+folland&source=bl&ots=jwrKektd4e&sig=C2iGmyspzxf2OZl0Bjfqm3BkvxE&hl=en&ei=wLFHS4Nag56yA9qifYP&sa=X&oi=book_result&ct=result&resnum=1&ved=0CAYQ6AEwAA#v=onepage&q=&f=false)
- [163] "Quotes on Global Warming Theory," Association of British Drivers, Kenley, nd  
<http://www.abd.org.uk/resources/quotes/gwt.htm>
- [164] Steve McIntyre, "Short Bio: Steven McIntyre," Toronto, nd  
<http://www.uoguelph.ca/~rmckitri/research/stevebio.doc>
- [165] Ross McKittrick (curriculum vitae), University of Guelph, Guelph, nd  
<http://www.uoguelph.ca/~rmckitri/cv.html>
- [166] Stephen Schneider (bio-sketch), Stanford University, Stanford, nd  
<http://stephenschneider.stanford.edu/Biography/BioFrameset.html?http://stephenschneider.stanford.edu/Biography/Biography.html>
- [167] Patrick Courrielche, "Peer-to-Peer Review: How 'Climategate' Marks the Maturing of..." *Big Journalism*, Los Angeles, January, 2010  
  1. <http://bigjournalism.com/pcourrielche/2010/01/08/peer-to-peer-review-how-climategate-marks-the-maturing-of-a-new-science-movement-part-i/>
  2. <http://bigjournalism.com/pcourrielche/2010/01/10/peer-to-peer-review-part-ii-how-climategate-marks-the-maturing-of-a-new-science-movement/>
  3. <http://bigjournalism.com/pcourrielche/2010/01/12/peer-to-peer-review-part-iii-how-climategate-marks-the-maturing-of-a-new-science-movement/>



- [168] "Primary United States Climate Centers Now Caught In Data Manipulation," KUSI News, San Diego, January 14, 2010
1. <http://www.kusi.com/weather/colemanscorner/81532492.html>
  2. <http://www.kusi.com/weather/colemanscorner/81559212.html>
  3. <http://wattsupwiththat.com/2010/01/14/john-colemans-hourlong-news-special-global-warming-the-other-side-now-online-all-five-parts-here/>
- [169] "Dexter Wright, "Climategate: How to Hide the Sun," *American Thinker*, El Cerrito, January 14, 2010  
[http://www.americanthinker.com/2010/01/climategate\\_how\\_to\\_hide\\_the\\_su.html](http://www.americanthinker.com/2010/01/climategate_how_to_hide_the_su.html)
- [170] Wendy Franz, "The Development of an International Agenda for Climate Change," IIASA Interim Report, Laxenberg, September, 1997  
<http://www.iiasa.ac.at/Admin/PUB/Documents/IR-97-034.pdf>
- [171] Joseph D'Aleo, "Climategate: Leaked Emails Inspired Data Analyses..." (preliminary introduction), *Science & Public Policy Institute*, Haymarket, 2010  
<http://icecap.us/images/uploads/NOAAroleinclimategate.pdf>
- [172] 1. "GHCN Database Adjustments," *Save Capitalism*, December 2, 2009  
<http://savecapitalism.wordpress.com/2009/12/02/ghcn-database-adjustments/>
2. "GHCN and Adjustment Trends," *Save Capitalism*, December 12, 2009  
<http://statpad.wordpress.com/2009/12/12/ghcn-and-adjustment-trends/>
3. Jeff Id, "CRU #2 – Why we look at data and code," *The Air Vent*, December 30, 2009  
<http://noconsensus.wordpress.com/2009/12/30/cru-2-why-we-look-at-data-and-code/>
4. E.M. Smith, "GHCN -- GISTemp Interactions --The Bolivia Effect," *Musings from the Chiefio*, January 8, 2010  
<http://chiefio.wordpress.com/2010/01/08/ghcn-gistemp-interactions-the-bolivia-effect/g>
- [173] 1. Joseph D'Aleo, "2008 Coldest Year Since 2000 and Clearly Not a Top Ten Warmest Year," *Icecap*, Hudson, January 11, 2009 (source graph re-colored)  
[http://icecap.us/index.php/go/joes-blog/2008\\_coldest\\_year\\_since\\_2000\\_and\\_clearly\\_not\\_a\\_top\\_ten\\_warmest\\_year/](http://icecap.us/index.php/go/joes-blog/2008_coldest_year_since_2000_and_clearly_not_a_top_ten_warmest_year/)
2. Ross McKittrick, "The Graph of Temperature vs. Number of Stations", University of Guelph, Guelph, nd  
<http://www.uoguelph.ca/~rmckitri/research/nvst.html>
- [174] 1. Jonathan Leake, Chris Hastings, "World misled over Himalayan glacier meltdown," *Sunday Times*, London, January 17, 2010  
<http://www.timesonline.co.uk/tol/news/environment/article6991177.ece>
2. "Sifting climate facts from speculation," *New Scientist*, London, January 13, 2010  
<http://www.newscientist.com/article/mg20527432.800-sifting-climate-facts-from-speculation.html>