CLIMATEGATE: 30 YEARS IN THE MAKING "A LITTLE TRUTH REPELS MUCH FALSEHOOD, JUST AS A LITTLE FIRE BURNS A LOT OF WOOD." A STORY OF DECEPTION AND INTRIGUE On November 19, 2009 some 3,000 e-mails, files of software and other documents from University of East Anglia's Climatic Research Unit were covertly released onto the Internet. In his November 28, 2009 telegraph.co.uk article RU; lead author for the millennial paleoclimate section of the 2007 IPCC report. 'Climate change: This is the Worst Scientific Scandal of Our Generation", Christopher Booker summarized the far-reaching ramifications of what was exposed in those documents: TREVOR DAVIES: Pro-Vice Chancellor of University of East Anglia: former Director of CRU documents is that their authors are not just any old bunch of academics. Their importance cannot be overestimated, What we are looking at here is the small group of scientists who have for years been more influential in driving the worldwide alarm over global warming than any others, not least through the role they play at the heart of the UN's Intergovernmental Panel on Professor Philip Jones, the CRU's director, is in charge of the two key sets of data used by the IPCC to draw up its reports. Through its link to the Hadley Centre, part of the UK Met Office, which selects most of the IPCC's key scientific contributors, his global temperature record is the most important of the four sets of temperature data on which the IPCC and governments rely not least for their predictions that the world will warm to catastrophic levels unless trillions of dollars are spent to avert it. ilSS temperature dataset; has promoted theories of man-made global warming since the late 1970s. **GAVIN SCHMIDT:** Climatologist and climate modeller at NASA GISS; cofounder of realclimate.org. showing that, after 1,000 years of decline, global temperatures have recently shot up to their highest level in recorde Given star billing by the IPCC, not least for the way it appeared to eliminate the long-accepted Mediaeval Warm Period when **FHOMAS KARL:** Director of NOAA National Climatic Data Center; custodian of GHCN global temperature dataset. temperatures were higher they are today, the graph became the central icon of the entire man-made global warming **EUGENE WAHL:** Physical Scientist, NOAA Paleoclimatology Program, [104] Since 2003, however, when the statistical methods used to create the "hockey stick" were first exposed as fundamentally flawed by an expert Canadian statistician Steve McIntyre, an increasingly heated battle has been raging between Mann's supporters, calling themselves "the Hockey Team", and McIntyre and his own allies, as they have ever more devastatingly called into question the entire statistical basis on which the IPCC and CRU construct their case. senders and recipients of the leaked CRU emails constitute a cast list of the IPCC's scientific elite, including not just the Hockey Team", such as Dr Mann himself, Dr Jones and his CRU colleague Keith Briffa, but Ben Santer, responsible for a graph (MBH98 and MBH99); co-founder of realclimate.org. [102] ily controversial rewriting of key passages in the IPCC's 1995 report; Kevin Trenberth, who similarly controversially whose own GISS record of surface temperature data is second in importance only to that of the CRU itself. [16] As the leaked documents were analysed, three threads emerged that sent a shockwave through informed observers across the world. As Charlie Martin explained in "Global WarmingGate: What Does It Mean" [17], the e-mails suggested: the authors co-operated covertly to ensure that only papers favorable to CO2-forced AGW were published, and that VERSITY CORPORATION FOR ATMOSPHERIC RESEARCH, USA. editors and journals publishing contrary papers were punished. They also attempted to "discipline" scientists and journalists who published skeptical information. .. the authors manipulated and "massaged" the data to strengthen the case in favor of unprecedented CO2-forced AGW, and to suppress their own data if it called AGW into question. VIN TRENBERTH: Head of Climate Analysis Section, NCAR; lead author for 1995, 2001, and 2007 IPCC reports. .. the authors co-operated (perhaps the word is 'conspired') to prevent data from being made available to other researchers CASPAR AMMANN: Climate scientist in the Climate and Global Dynamics Division of NCAR; co-founder of realclimate.org. [102] through either data archiving requests or through the Freedom of Information Acts of both the U.S. and the UK. THE CLIMATEGATE TIMELINE AND THE TICKING TIME BOMB uncovered and published about the CRU emails by many researchers (see references), to visually show who said or did what when and, from simultaneous events, understand the context in which an event occurred. There is far more information than can be assembled in one place, and more continues to be uncovered (see in particular MOTHY CARTER: Research Professor; lead author of the 1995, 2001 and 2007 IPCC reports. [99] [124]), but hopefully some of the key material uncovered to date has been included. 2009 (with the bomb icons). The first sets out the shaky foundation underpinning the AGW enterprise, and the nd an admission of its failure. I ogether, they help explain why everything that occurred in between (as of science and skepticism", disagreement and skepticism ran strife throughout the 13 years of e-mails [124]. t the Scripps Institution of Oceanography; coordinating lead e story that emerges is not of a smoking gun, but of a 30-year time bomb whose fuse was lit in 1981, when-espite only a handful of scientists supporting it--the AGW theory was championed, without question, by the However, due to AGW's shaky foundation, it was only a matter of time before the growing divergence between or Climate Research and Dept. of Earth Science; coordinating lead author for the Paleoclimate chapter of the 2007 IPCC report. [101] real-world data and the AGW climate models, which had been considered beyond reproach, became self-evident and problematic. Offending data was massaged to fit the models to stave off questions and the losses that would <u> INSTITUTE FOR CLIMATE IMPACT RESEARCH</u> ensue to the billion dollar climate industry [98]. he data manipulation became so extreme that a CRU programmer tasked in 2006 with reproducing CRU's own published results using its own models and data was unable to do so after three years. Releasing the data and Head of Earth System Analysis, PIK; co-founder of realclimate.org. [105] RASMUS E. BENESTAD: Affiliations with the Norwegian Meteorological ate and the Oslo Climate Group; co-founder of realclimate.org. [102] egal FOI requests, if for no other reason than that some scientists were insisting that the world commit trillions of dollars to economic policies based on what they claimed their research showed. Lest there be any doubt that these scientists did anything wrong, Richard Lindzen, the Alfred P. Sloan Professor of 1eteorology at the Massachusetts Institute of Technology explains what the CRU documents reveal: "They are unambiguously dealing with things that are unethical and in many cases illegal. ... We have scientists manipulating raw emperature data. ... The willingness to destroy data rather than release it. The avoidance of Freedom of Information requests Consequently, while UEA and Pennsylvania State University said they were investigating the matter [69], the nine 160 years of temperature data, signalling its own lack of confidence in its CRU-based Observed temperature (5-year running mean) What about the "other independent temperature records": NASA's GISS and NOAA's GHCN? CRU and GISS get most of their raw data from the GHCN. Serious irregularities and questionable adjustments are start urface with the source GHCN data itself (see [50], [60], [62], [67], [72], [77], [114]). And so, like the Thre Musketeers, the CRU, GISS and NOAA's temperature records stand or fall together. Data fudging and secrecy aside, as Jones mentions, by 1998 the 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 eality grew so enormous that by October 12, 2009, Kevin Trenberth, in a fit of frustration, e-mailed his lleagues: "Where the heck is global warming? ... The fact is that we can't account for the lack of warming at the m elf-evident that blind faith and bankrupt logic are now masquerading as rational science. No matter how mu techno-babble is used to make today's predictive climate models sound impressive, they have all proved fatally wrong. The hockey team scientists admit they have no clue why this is so, although other scientists do (see These problems would have been publicized years ago if the AGW theorists didn't have powerful allies: policy ters in virtually every professional scientific body, editors of virtually major every scientific journal, and and a persistent campaign of vilification, intimidation, and ridicule. Science has come full-circle, taking a page from the medieval Church by using fear and persecution to silence ceptics. The oppressed have become the oppressors. Given that most professional scientific bodies and pee viewed journals have been active accomplices in this scandal, one wonders how many other so called scientific consensuses have been similarly engineered. EATEST MAN-MADE CO2 EMISSION NEW YORK TIMES: COOLING RING THE POST WAR ECONOMIC BO cientists are reviving the controversial notion S IT APPEARED IN 1980 DATA) at millions of cubic miles of Antarctic ice can etimes abruptly slip off the continent into the ets the terms of the CO2 induced global NEW YORK TIMES, 21.May.197. hilling of the world's climate." [2] "Scientists ponder why world's climate changing: Major cooling widely considered to be invertible." [2] Jan 1975 - Jan 1976 - Jan 1978 - Jan 1978 - Jan 1978 - Jan 1980 Apr 1980 Apr 1980 Oct 1980 Oct 1989 Jul 1989 Oct 1997 Apr 1989 Jul 1989 Oct 1997 Apr 1989 Jul 1989 Oct 1997 Jul 1997 Apr 1989 Jul 1989 Oct 1998 Jul 1989 Oct 1998 Jul 1989 Oct 1999 Jul 1989 Oct 1999 Jul 1989 Oct 1999 Jul 1989 Oct 1999 Jul 1999 Oct 1999 Oc trend will reduce agricultural productivity CLIMATOLOGIST SURVEY REVEALS NO CLEAR OUTLOOK TE COOLING SINCE 1940 AND NO CONSENSUS ON GLOBAL WARMING MAKES FRONT PAGE NEWS TEMPERATURE TRENDS AS RECENTLY AS 1976, A HANSEN et al publish "Greenhouse effects due to man-made NEW YORK TIMES: Global warming makes the fro perturbations of trace gases" in the journal Science and stated page following HANSEN sending them a copy of his E HELD BETWEEN 1978 AND 1980: Anthropogenic gases may alter our climate by plugging an atmospheric window for escaping tradition." [11] e" (see {1981}) published in the journal Sc ated the planet was getting noticeably warm In 1976 The National Defence University publish a report "Climate Change to the Year 2000", sponsored jointly by the NDU, the Department of Agriculture, and the NOAA, survey ilimatologists from 7 countries to estimate the no lemisphere temperature through to 2000. The gra were the results of the survey and speaks for itself. [12] "respected scientists publicly rebuked Hansen, aying he had gone far beyond what scientific evidence justified". [4,5,7 emphasis added]

ent future climate change". [5]

Fuels, Miami Beach, US Dept. of Energy. [10]

arming will eventually occur". [10]

7.MAR.1979 -- Workshop on Global Effects of Carbon Dioxide from Fossil

nces to "assess the scientific basis for projection of possible future climatic

ohere" meets in response to a request by the Director of Office

eorological Organisation (WMO) and the International Council for

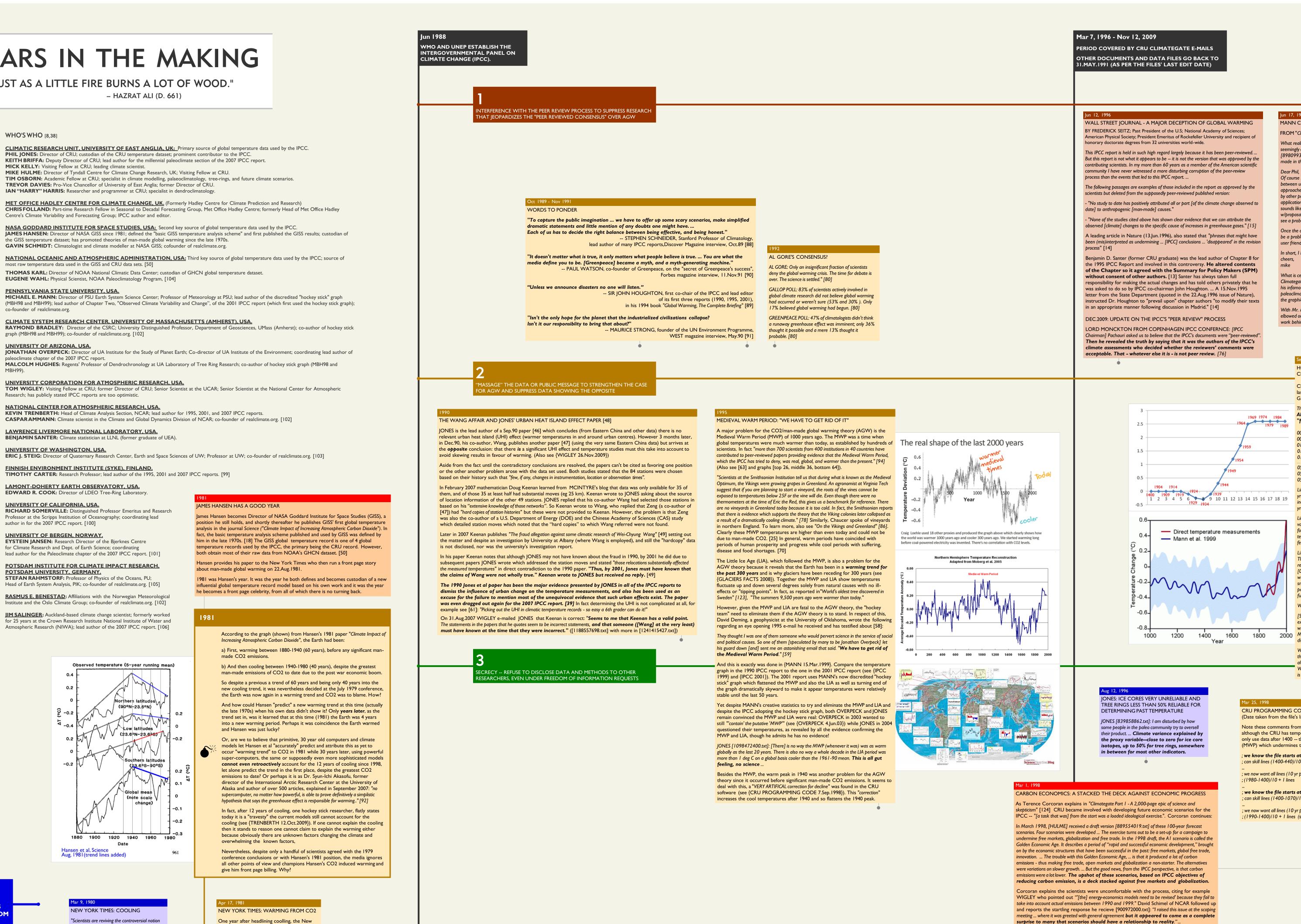
ICSU) concludes that the potential threats were sufficient to

o scientific uncertainties, the development of a management

3.IUL.1979 -- A study group convened by the National Academ

es resulting from man-made release of carbon dioxide into the

cience and Technology. HANSEN and A. Gilchirst (eorological office) were contributing scientists.



FIRST IPCC ASSESSMENT REPORT

years ago and Little Ice Age of 300 years ago.

d a major problem for the CO2/man-mad

" needed to eliminate them if the (

warming theory (AGW) so the "ho

(MCINTYRE MCKITRICK Nov 2003)) which

ce it appear temperatures were relative

MO AND LINEP ESTABLISHES THE INTERGOVERNMENTAL PANEL

See {WORDS TO PONDER Oct. 1989} for the comments of Sir John

Houghton, first co-chair of the IPCC and lead editor of the first three PCC reports (1990, 1995, 2001).

ANSEN: STOP WAFFLING, OTHER SCIENTISTS REBUKE HANSON

e evidence is pretty strong that the greenhouse effect is here". [4,5]

terest Hansen generated in the media was also well-timed with regard to a

or conference held in Toronto at the end of June 1988 organised by scientists

that the conference's call to reduce CO2 emissions by abbroxin

ions recommended by the Villach and Bellagio workshops of 1987, o

cludes that 'the contribution of science to this outcome was minimal'.... **M**

ientists were critical of the approach taken by Hansen and others

amaging the integrity of science. According to [climate historian

The media leap onto CO2 induced global warming and the number of

American newspaper articles about it rise tenfold in just one year. [4]

lved with the Villach and Bellagio workshops of 1987. [The Toron

e brought together 341 delegates, including 20 politici

st forest fires in a century, the Mississippi River falls so low that

EXECUTIVE COUNCIL IN GENEVA

MATE CHANGE (IPCC) AT THE 40TH SESSION OF THE WMO

PERATURES WARMING GLOBAL

SECOND IPCC ASSESSMENT REPORT

ssages in the 1995 IPCC report. See {WALL STREET JOURNA

A MAJOR DECEPTION OF GLOBAL WARMING 12.Jun.1996}.

BEFORE: "No study to date has positively attributed all or part [of

BEFORE: "When will an anthropogenic effect on climate be identified? I

AFTER: "The body of ... evidence now points to a discernible human

surprising that the best answer to this question is, 'We do not know.'

observed climate change to anthropogenic causes."

ULME was a contributing author of the 2001 IPCC Synthesis Report, including various

uch as 5.8 degrees Celsius. Capitalism clearly ruins everything."

GRAMMING CODE [DENSPLUS 1881 19602NETCDF.PRO] (Date taken from the file's last edit date) [23]: e know the file starts at yr 440, but we want nothing till 1400, so we e now want all lines (10 yr per line) from 1400 to 1980, which is ; (1980-1400)/10 + 1 lines can skill 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)

U.S. SENATE REPORT: OVER 400 PROMINENT SCIENTISTS DISPUTE MAN-MADE GLOBAL WARMING CLAIMS [report updated to 700 scientists in 2009][55]

is to try and reduce the warming.]

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

nade in the email cache of Michael Mann:

user friendly thing in the world.

FROM "Climategate Part 1 - A 2,000-page epic of science and skepticism" [124]:

hat really rocked the baleoclimate work at CRU, and ultimately shook the IPCC, was a

398099393.txt], then head of East Anglia's CRU centre. Before then, no mention had been

-of-the-blue email on June 17, 1998, from Michael Mann to Phil Jones

course I'll be happy to be on board. I think the opportunity for some direct collaboration

is (me, and you/tim/keith) is ripe, and the plan to compare and contrast different

posals we will eventually submit to NSF (renewal of our present funding), etc. by I don't

ce 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

hort, I like the idea. Include me in, and let me know what you eed from me (cv, etc.).

limategate emails, would never be the same thereafter. Mr. Mann [who had just published is infamous paper (see {MANN 1998})] quickly rose to be the dominant figure in the

t is certain from the Climategate emails is that world climate science, and the

raphic "hockey stick" presentation of the temperature over the past centuries.

ved out Keith Briffa as the prime tree-ring guru. The Mann hockey stick, and the scie

OW TO HIDE COOLING: BURY IT IN SOFTWARE "FUDGE FACTORS"

CRU SOFTWARE HAS "ARTIFICIAL FUDGE FACTOR" TO "CORRECT DECLINE"

RU PROGRAMMING CODE [BRIFFA_SEP98_E.PRO] (Date taken from the file's

he programmer (Keith Briffa?) entitled the "adjustment" routine "Apply a VER RTIFICAL correction for decline!!" And he or she wasn't kidding. ... Here

rloc=[1400,findgen(19)*5.+1904]

: APPLY ARTIFICIAL CORRECTION

"fudge factor" (notice the [programmer] actually called it that in his REM statement)

rladj=[0,,0,,0,,0,,0,,-0.1,-0.25,-0.3,0,,-0.1,0.3,0.8,1.2,1.7,2.5,2.6,2.6,\$

if n_elements(yrloc) ne n_elements(valadj) then message, 'Oooops

doc = [1400, 1904, 1909, 1914, 1919, ... 1974, 1979, 1984, 1989, 1994]

d-century intervals are being biased slightly lower. [22]).

adj, or, the "fudge factor" array as some arrogant programmer likes to call it is the

will take each element in both arrays and "guess" at the points in between them to create a

ction will cause the valid temperature readings (yrloc) to skew towards the valadj values

s the opposite of the CO2/man-made warming (AGW) theory. The 1940 warm peo

WIGLEY and JONES discuss how to reduce the 1940 "warming blip" – this time the "solution"

GLOBAL WARMING ON TRITON, NEPTUNE, MARS ALSO

24.JUN.1998: Global warming on Neptune's largest moon, Triton. [95]

26.JAN.2007: Simultaneous gobal warming on Mars and Earth. [96]

8.MAY.2007: Neptune warming steadily from 1980 to 2004. [97]

Over 400 prominent scientists from more than two dozen countries recently voiced significant objections to major aspects of the so-called "consensus" on man-made global warming. These scientists, many of whom are current and former participants in the

• Dr. Kiminori Itoh; IPCC Expert Reviewer, award-winning environmental physical chemist: "[Warming fears are the] worst scientific scandal in the history ... When people come to know what the truth is, they will feel deceived by

• Dr. Philip Lloyd (2009); IPCC Co-coordinating Lead Author and author of over 150 papers: "It isn't necessary to list all the changes I have identified between what the scientists actually said and what the policy makers who wrote the Summary

• Dr. Paul Reiter, IPCC participant, malaria expert, Centers for Disease Control and Prevention, professor of entomology and tropical disease at the Pasteur Institute. He resigned from the IPCC and had to threaten legal acti

• Andrei Kapitsa; Russian geographer and Antarctic ice core researcher: "The Kyoto theorists have put the cart before the horse. It is global warming that triggers higher levels of carbon dioxide in the atmosphere, not the other

• Dr. Kenneth Green (2009); IPCC Expert Reviewer: "A Death Spiral for Climate Alarmism ... We can expect climate crisis industry to grow increasingly shrill, and increasingly hostile toward anyone who questions their authority."

• Dr Vincent Gray; Expert Reviewer of every draft of the IPCC reports since 1990, climate researcher and author of more than 100 papers: "The claims of the IPCC are dangerous unscientific nonsense."

people offering their consensus, I participated in that. Each person who is an author writes one or two pages in conjunction with someone else...but ultimately, it is written by representatives of governments, of environmental organizations."

UN IPCC (Intergovernmental Panel on Climate Change), criticized the climate claims made by the UN IPCC. [ClimateGate lets the public understand why scientists made the following comments back in 2007 or earlier].

• Dr Tom Segalstad (2009); Head of geology at Oslo University: "Most leading geologists throughout the world know that the IPCC's view of Earth processes are implausible if not impossible". [60]

for Policy Makers said they said. The process is so flawed that the result is tantamount to fraud. As an authority, the IPCC should be consigned to the scrapheap without delay. [65]

en a thorn for the "hockey team" and 11 years later in {WIGLEY 27.Sep.09}

smoothing effect on the data. This technique is often used when dealing with natural data

What the heck does all of this mean? First, let's plot the values in the valadj array.

[See graph at top left. Notice how the period between 1934 to 1974 are dramaticall

ition for the manipulated temperature readings. (As you can see, not only o

***** APPLIES A VERY ARTIFICIAL CORRECTION FOR DECLINE******

es and data and synthesize the different results is a good one. Though sidetracked

RECONSTRUCTED (50 YEAR LOWPASS)

CRU AND WE ARE NOT GATEKEEPERS

comments of MANN that he subjects this

it there is no consensus even

absurd. I have worked with the UEA

deed. I know that they have broad

refer to them as "the UEA group", as

As for thinking that it is "Better that nothing

though they all march in lock-step

nents among themselves, so to

MANN: IPCC DOESN'T WANT TO UNDERMINE CONSENSUS

Iraft" of TAR (MANN in attendence) [929985154.txt]

OM MCINTYRE'S "IPCC AND THE 'TRICK' " [54]:

version of the proxy diagram was presented at the Tanzai

wing the late twentieth century decline. [But] the BRIFFA re-

it] appears [from the e-mails] each of the three [IPCC] authors (Jo

and Briffa) had experimented with different approaches to a

rrect" the calibration of the Briffa reconstruction

ot be relevant to the eventual methodology to "hide

rendering, the Briffa reconstruction is obviously no longer "a problem of

wo weeks later in {JONES 16.Nov.1999} as explained in [54]] ...

The final IPCC diagram (2.21) is shown [in {IPCC 2001}]. In this

V TO HIDE COOLING: BURY IT IN SOFTWARE

(Date taken from the file's last edit date) [23]:

was corrected onwards from.

CRU PROGRAMMING CODE [CALIBRATE_CORRECTMXD.PRO]

should be identical prior to 1920 or 1930 or whenever the decline

e decline [including] perhaps programming change

"clear favourite". [FOLLAND, 9380 | 8 | 24.txt]. ...

information about the meeting. ...

.Sep.99: MANN, JONES, BRIFFA and FOLLAND (copy to

22-23 [938018124.txt], 1999 provides some contemporary

CC was already structuring the Summary for Policy-makers and a pro

ram showing temperature history over the past 1000 years was a

eived by IPCC as "diluting the message" that "everyone

to show a "nice tidy story" of "unprecedented warming in a

20+ years and have great respect for

ail "CENSORED!!!!!". He also makes

proper credit for what we're doing here.

DATA THAN SOME THINK

MANN [9380 | 8 | 24.txt]: I should

int out that Chris, through no

ny own (Mann et al) series. ...

A: JUST AS WARM 1000

BRIFFA [9380] 8 [24.txt]: The

probably matched about 1000

BRADLEY is so offended by some

Mann et. al. 1998 contains data errors 1000 1200 1400 1600 1800 2000 1400 1450 1500 1550 1600 1650 1700 1750 1800 1850 1900 1950 MANN, BRADLEY and HUGHES republish their hockey stick in Geophysical Research Letters (GRL) (MBH99). This time, however, the hockey stick goes back to year 1000 and flattens both the Medieval Warm Period (MWP) and Little Ice Age (LIA). [44] By I.Sep.1999 (or earlier) MANN is appointed Lead Author of Chapter 2, "Observed nate Variability and Change", of the IPCC 2001 report, which prominently features MANN's hockey stick on page 3 (see {IPCC 2001}). Nov.2003, MANN's hockey stick is discredited (see {MCINTYRE AND MCKITRICK Nov.2003}) however the graph had become the defacto "proof" of

"Climategate Part 2 - A 2,000-page epic of science and skepticism" [124], Terence

rcoran explains that BRIFFA was "struggling with Russian tree-ring results and to

ncoming paper, in which he "decided to mention uncertainties in tree-ring data

of Russian scientists on their difficulties. Their findings often contradicted the idea

in the past and nothing unusual was happening today." Corcoran continues:

of a Medieval Warm Period that might have been hotter than the 20th ce

e of weeks later [Hanntemirov wrote about] another Russian, Eugene Vaganov

saying that "the warming in the middle of the 20th century is not extraordinar [

. Mann's associates, Raymond Bradley at the University of Massachusetts, on A

this email to Mr. Briffa." [See {BRADLEY 19.Apr.1999}].

V TO HIDE COOLING: DON'T USE THE DATA

lue "non-temperature signal" [0939 | 54709.txt]:

ort proxy diagram [see {IPCC 2001}].

e to Science editor Julia Uppenbrink, saying, 'I would like to disassociate myself from

nn's view' regarding the climate warming article. Mr. Bradley sends a blind copy

ict eventually makes it up to Phil Jones, the head of CRU, who writes a stinging

Mann on May 6. "You seem quite pissed off with us all in CRU," said M

int in the Climategate emails, the stage has been set for a decade of high dran

next 10 years, the emails become a zone of internal conflict and extern

story they had assembled: The late 20th century was the warmest in history, o

100 years could be a climate nightmare. The Mann technique of aggressive

pling with results "[124]. The problem BRIFFA faced was that after 1960 his data shows

OSBORN: They go from 1402 to 1995, although we usually stop the series in 1960 because of

d likely had similar discrepancies. His decline was raised at the {IPCC 1.Sep.1999}

er Draft, sent out a few weeks later [see {FIRST 27.Oct. | 999}] contained a new ver

roxy diagram, a version which contains the main elements of the eventual Third Assessment

[graph at right] shows the IPCC version of the Briffa reconstruction (digitized from the IPCC

PCC proxy diagram [green line in graph at right and in close-up graph shown with

pears. In other words, message the data if it still shows a decline [0939154709.txt]:

en a short 1931-60 period might yield a more biased result than using a longer 1881-1960 period

TO HIDE COOLING: USE MANN'S "NATURE" TECHNIQUE

_ statement. In other words, message the data if it shows a decline [942777075.txt]

years (ie from 1981 onwards) amd from 1961 for Keith's **to hide the decline**.

ersial MBH98 temperature record -- see {MCINTYRE Nov.2003} and {MAN

just completed **Mike's Nature** trick of adding in the real temps to each series for the last 20

became part of the iconic hockey stick graph of in the 2001 IPCC report {see IPCC 2001}.

ring measurement temprature data. Despite years

ttempts the data finally became availabl

BRIFFA: NOT HAPPY ABOUT CREATING CONSENSUS BY EXCLUDING DATA

more concensus than might actually exist . I suppose the earlier talk implying that we

should not 'muddy the waters' by including contradictory evidence worried me.

CC "FIRST ORDER DRAFT" OF 2001 REPORT [54]

if the non-temperature signal that causes the decline in tree-ring density begins before 1960,

compared to actual Briffa data from [0939154709.txt]. The most obvious [difference] is, of

nat the decline [after 1960] in the Briffa reconstruction has, for the most part, been delete

IPCC figure he was preparing, as explained by MCINTYRE in [54] (also see [60]):

the recent non-temperature signal that is superimposed on the tree-ring data that we use.

The problem, however, is this divergence meant other parts of BRIFFA's temperature

cooling while the instrument record shows warming. The conclusion is the discrepancy is

obbress criticism, ridicule critics and resist all outside interference with the official

coran explains how BRIFFA and MANN butt heads over BRIFFA's

October 1998 [907975032.txt] — implying that

hile pushing the need for more work. [923937760.txt]".

of Mr. Briffa's critical paper, he blew up. ..

STABLE AND THEN COOLING GLOBAL TEMPERATURES **DESPITE GREATEST MAN-MADE CO2 EMISSIONS EVER** 5.Jul.2005: "the world had cooled from 1998. OK it has but it is only 7 years 08: "the [temperature] level has really been quite stable since 2000

THIRD IPCC ASSESSMENT REPORT (TAR): THE HOCKEY STICK ARRIVES ON STAGE

ctor [25] and shows Medieval Warm Period (MWP) of 1000 years ago and Little Ice

an-made global warming theory (AGW) so the "hockey team" needed to

n if the CO2/man-made global warming theory was going to hold. And this

300 years ago. Both the MWP and LIA were global phenomena and a major problem

mate.org co-founder, William Connolly] took control of all things climate in the most used inform

world has ever known -Wikibedia starting in February 2003, just when obbosition to the

the greenhouse effect, on the instrumental temperature record, on the urban heat

and ... Using This editorial clout, this 40-something scientist of minor relevance go

especially hated, such as Willie Soon and Sallie Baliunas of the Harvard-Smithsonian Center for

tear down scientists of great accomplishment. ... Richard Lindze

Astrophysics, authorities on the Medieval Warm Period. [109 & 111 $_{\odot}$

N CLIMATE RESEARCH JOURNAL

new editor. (See [79] for full details.)

ose same papers [1047388489.txt]:

currently sit on the editorial board.

nd members were beginning to gel. **He rewrote Wikipedia's articles on global warmi**i

on climate models, on global cooling. On Feb. 14, he began to erase the Little l

most distinguished climate scientists, were among his early targets, followed by others that the b

rred' more than 2000 Wikipedia contributors who 'ran afoul of him'. [110]

LLEY was finally revoked of his administrator status in Sep.2009. [112]

e-mails JONES, HUGHES, BRIFFA, BRADLEY and others explain

MANN suggests he and his colleagues not to cite or submit pa

imate Research while IONES says he'll boycott the journal if they don't

on the one hand the team insist opposing views be aired in peer review

ANN: They've already achieved what they wanted—the claim of a peer-review

g attention to this paper, which will be ignored by the community on the who

urnals, and on the other hand they take action against editors who publish

er. There is nothing we can do about that now, but the last thing we want to do is

eer-reviewed literature". Obviously, they found a solution to that

encourage our colleagues in the climate research community to no

ES: I will be emailing the journal to tell them I'm having nothin

1400 1500 1600 1700 1800 1900 2000

TICK AUTHOR: OUR WORK SHOULD BE CONSID

PRELIMINARY AND TREATED WITH CONSIDERABLE CAUTI

enturies indicates we need, and no one has yet found a convincing we

[Cook] wrote, in the tree-ring records that form the

olication near the beginnings of records is particularly

reliminary, and should be treated with considerable caution

one of most of the published estimates, the problem

JGHES, a co-author of the orginal hockey stick papers (MBH98 &

199), expresses reservations about over reliance on their invention

ating the lower-frequency components of them against independent data

Corrected version: 20th

. century no longer highest MA

to do with it until they rid themselves of this troublesome ed

er submit to, or cite papers in, this journal. We would also need

nsider what we tell or request of our more reasonable colleagues who

rson is on the editorial board, but papers get dealt with by tl

as the danger of always criticising the skeptics for not publishing

as a legitimate beer-reviewed journal **Perhaps we should**

e CONNOLLEY] 'created or rewrote 5,428 unique Wikipedia articles' and was granted a

orial and administrative status at Wikipedia that enabled him to delete 'over 500 articles'

TERNATIONAL ASTRONOMICAL UNION: VARMING DUE TO SUN; COOLING COMING ymposium of the International Astronomical Union [2004] hat it is the Sun that was chiefly responsible fo the previous half-century; and cooling will result. [93] 5 years later both predictions are holding firmly.

TEMPERATURES BEFORE 1900

EWING PAPERS CRITICAL TO OWN

ne's reviewing a that is critical of BRIFFA's

OOK asks BRIFFA for help to put down a

OK: "Review- confidential REALLY

... I got a paper to review (submitted to the

RGENT", Now something to ask from you.

e regression) is wrong, biased, lousy, horribl

ir assistance here is greatly appreciated.

ERPECK: CONTAIN THE MWP

"contain" the putative "MWP"

IANN confirms DEMING's 1995 statement -- see {MEDIEVAL

See {MEDIEVAL WARM PERIOD 1995}, {IPCC 1990} and {IPCC

because impression of global warming will be muted, i.e.

ONES: 20 years (1981-2000) isn't 30 years, but the rationale for 3

rears isn't that compelling. The original argument was for 35 years

seem less positive than before if we change to newer

normals, so the impression of global warming will be muted.

gram we have to give it out??

warming won't look so dramatic. [1105019698.txt]:

2001} to understand how critically important this admission is.

WARM PERIOD 1995} -- when he (MANN) refers to an earli

Peck" memo to "contain" the MWP [1054736277.txt]:

MANN: ... addresses a good earlier point that Peck made

w/regard to the memo, that it would be nice to try to

etc. They use your Tornetrask recon as the

nain whipping boy. ... If published as is, thi

paper could really do some damage. It is also

won't be easy to dismiss out of hand as the

math appears to be correct theoretically, .

work [1054756929.txt]:

the editor of peer reviewed journal Climate Research which

published papers they don't agree with [1051190249.txt]:

credentialed scientists to sign such a letter – 50+ people.

SALINGER: Ignoring bad science eventually reinforces the apparent 'truth' of t

nce in the public mind, if it is not corrected. As importantly, the 'bad so

d by CR is used by the sceptics' lobbies to 'prove' that there is no ne

ern over climate change. Since the IPCC makes it quite clear that there are

COOK: WE KNOW OF PROBABLE FLAWS IN MANN'S \

NN 19.Apr. 1999) and (MCINTYRE AND MCKITRIC

death of Mann stating his reconstruction represents the

tropical area just because it contains a few (poorly

Nov.2003} for background on MANN's work. [1024334440.txt]:

BRIFFA: I have just read this lettter - and I think it is crap. **I am sick to**

temperature representative) tropical series. He is just as capabl

s bright as Mike would be so unwilling to evaluate his own work a bit

TYRE AND MCKITRICK EXPOSE HOCKEY STICK FLAWS

ntrol defects" in MANN's MBH98 hockey stick graph. [37]

rears as compared to stable temperatures in previous centuries.

ITYRE and MCKITRICK publish their first paper, "Corrections to the Mann et

hockey stick graph, used in the 2001 IPCC report, removes the MWP and

ittle Ice Age and makes it appear as though there is alarming warming in recen.

r a layman's explanation of the MCINTYRE and MCKITRICK paper and why

Varwick Hughes, an Australian scientist, wrote JONES in early

2005, asking for the original data that JONES and WIGLEY

We have 25 years or so invested in the work. Why

ad that statement, for it is breathtaking in its anti-scie

I lones freely gave it to him. So McInture promptly filed

edom of Information Act request for the same data

should I make the data available to you, when you

aim is to try and find something wrong with it?

used that led to the IPCC to claim "a warming of 0.6° +/- 0.2

in the 20th century." JONES revused and replied:

oves MANN's hockey stick is statistically invalid, i.e. the hockey stick is an

of regressing these data again any other "target" series, such as the

e the specifics of the editoring. Hans von Storch is partly to blam

One approach is to go direct to the publishers an

ot what the publishers care about — it is how the journal is seen I

t happy with yon Storch, so the above approach might

remove that hurdle too. [He indeed subsequently resigned].

ommunity that counts. I think we could get a large group of highly

e that I am copying this view only to Mike Hulme and Phil Jones.

like's idea to get editorial board members to resign will

successfully. If either appears I will be ve

surprised, but you never know with GR

when I critized the quality of the revie

xcluded from the IPCC report See [81] for

more about what took place.]

NES to MIKE quietly discuss reviews of papers that deal with their own work [1077829152.txt]:

ES: Just agreed to review a paper for GRL - it is absolute rubbish. It is having a go at the CRU

person says has Urban Warming! So easy review to do. Sent Ben the Soon et al. paper and he wonders who

n I ask you something in CONFIDENCE - don't email around, especially not to Keith and Tim here. Have you leved any papers recently for Science that say that MBH98 [note that MBH98 is MANN's own

perature data - not the latest vesion, but the one you used in MBH98!! We added lots of data in for the region

these sorts of things. Says GRL hasn't a clue with editors or reviewers. By chance they seem to have got the

OOK: WE KNOW FOR CERTAIN WE KNOW NOTHING ABOUT VON STORCH: TIME TO TOSS THE HOCKEY IONES HOPES CLIMATE COOK e-mails BRIFFA with a suggestion for a new paper: "Northern Hemisphere"

Andy Revkin, of the New York Times, tells peratures Over The Past Millennium: Where Are The Greatest Uncertainties?", by himself, "BRIFFA, ESPER, OSBORN, D'ARRIGO, BRADLEY(?), JONES (??), doesn't take it further than that.

(DEC.2009): HADLEY CENTER PROBABLY TAMPERED not listed in the [HadCRUT] survey often does not show any substantial warming. ... ologists [used] data of stations located in large populated centers that are influenced ban-warming effect ... it was necessary to recalculate all global**temperature data** in order to assess the scale of such exaggeration. [74] "What the Russians are suggesting here, in other words, is that the entire

interacting with the statistical community.

ACIER FACTS FROM REPORTED BY NASA, UNEP, AMS AND OTHERS IN 2008 & 2009 aciers have been receding since the end of the Little Ice Age, 300 years ago (See {MEDIEVAL WARM PERIOD 95). Gangotri Glacier image shows its retreat since 1780 [116]. Within this 300 year trend, glaciers also advance

than warming globally. ... There's a localized phenomenon at play." [120, NASA][118]

Aug. 2009) and {IONES 26. Feb. 2004}] Moreover, the work has been sufficiently politic t this community can hardly reassess their public positions without losing credibility. verall, our committee believes that Mann's assessments that the decade of ne 1990s was the hottest decade of the millennium and that 1998 was the hottest year of the millennium cannot be supported by his analysis. [40,52] en academic journals; member of numerous editorial boards; author of more than 160

IOW TO HIDE 10 YEARS OF RECENT COOLING: DON'T SHOW ELLY to JONES [1225026120.txt]: Just updated my global temperature trend c for a public talk and noted that **the level has really been quite** table since 2000 or so and 2008 doesn't look too hot. ... it wasn't xpect from La Nina etc. nyway, I'll maybe cut the last few points off the filtered curve before give the talk again as that's trending down as a result of the end effects and

IGLEY: MANY DISHONEST IPCC PRESENTATIONS

Copenhagen aimed at cutting CO2 emissions.

RATE SCEPTICS' PEER REVIEW BIDS: MISSION ACCOMPLISHED

Wigley, Mann and Jones's line began to experience increasing difficulty in publ

lliunas, for example, has disappeared from the scientific scene.

their results. This happened to me [Patrick |. Michaels] and to the University of Alabama's Ro

ncer, who also hypothesized that global warming is likely to be modest. Others surely stop

ying, tiring of summary rejections of good work by editors scared of the mob. Sall

DM [85]: It is exactly as we feared. If I [Arthur Rorsch] were to submit an article from a f

skeptics and even here they don't seem to be bothering with journals at all recent

who wanted to publish in a scientific journal, we would always get a rejection; withou

n. I was not the only Dutch researcher that happened to. Climate skeptics every

mate scientists lists of journals to read. It is the journal of choice of climate

TRENBERTH: WHERE THE HECK IS GLOBAL WARMING?

as stopped for 10-12 years, but also that they can not account

for this dilemma: all the data is now wrong [1255352257.txt]:

TRENBERTH discusses BBC's article (see {BBC 9.Oct.2009}) and

confirms {JONES 5.Jul.2005} and {KELLY 26.OCT.2008}, that v

of warming; that is, none of the models forecast this situation. His reas

TRENBERTH: "Hi all, Well I have my own article on where the heck is glob

past two days for the coldest days on record. ... The high the last 2 days was belonger

This is the kind of bankrupt logic and blind faith we now see masquera

Are we to believe that data collected by primitive 30 year old instrume

in the 1980s, upon which was the basis for the entire global warmin

enterprise (and his premise), is more accurate than billions of dollar

state-of-the-art land, in oceans, air and space instruments (i.e. the

development we have no temperature data we can rely on?

'observing system") because these no longer show warming? In ot

0 500 1000 1500 20

INTYRE EXPOSES BRIFFA'S YAMAL

After some trying for 4 years, MCINTYRE finally obtains, by

ee {BRIFFA 2000}). He discovers BRIFFA only used 12

es and this produced a hockey stick warming graph

c, the Yamal tree ring measurement data used by BRIF

rmore, he found that only one freak tree of the

UEA. So I'm no entirely confident the numbers are correct. One

houldn't be deleting emails unles this was 'normal' deleting

ils manageable! McIntyre hasn' paid his £10, so nothing loc

d why. Keith has got all the latter - an there have been at least

to the FOI Commissioner's Office, IPCC is a international

has anythin to do with our core business - and it doesn't!

ger have the raw data -- only their "messaged" data. In other w "trust us"! From **"Global Warming ate my data"** [28]:

CRU) in East Anglia - permitting it to snub FoIA requests to see the data.

any errors in CRU cascade around the world, and become part of "the science"

re all using is this. IPCC is exempt from any countries FOI - the skeptics ha

and skeptics might claim that this pro

CO.UK: [UK] MET OFFICE TO RE-EXAMINE 160 YEARS OF

E: This requires the **original raw data** which, according to the CRU is no

Met Office plans to re-examine 160 years of temperature data after admitting that pub

new analysis of the data will take three years, meaning that the Met Office

able to state with absolute confidence the extent of the warming trend until the end of 2

N's main climate change science body relies for its assessment that global warm.

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.

let Office database is one of three main sources of temperature data analysis on whi

rious danger to the world. This assessment is the basis for next week's climate change talks in

that urban warming is real and importar

pen told this. Even though we (MOHC CRI III IFA) possibly hold relevant info the IPCC is no

ir remit (mission statement, aims etc) therefore we don't have an obligation to pass it on.

CRU has refused to release the raw weather station data and its processing me

rocessed version, in gridded form. NASA maintains its own (GISSTEMP), but the CR

bal Climate Dataset, is the most cited surface temperature record by the UN IPCO

r inspection - except to hand-picked academics - for several years. Instead, it re

ade Susan aware of these - all came fro David Holland. Accordi

organization, so is above any national FOI. Even if UEA hold

anything about IPCC, we are not obliged to pass it on, unless

king would b to look on CA, but I'm not doing that. I did get

from the FOI person here early yesterday to tell me

warming? We are asking that here in Boulder where we have broken recon

records for these days ... This is January [winter] weather [in early autumn

The fact is that we can't account for the lack of warming at the

should be even more warming: but the data are surely wrong. Ou

observing system is inadequate.

Horsman is restating KELLY in this e-mail) [greenpeace.txt]: SMAN: One particular thing you said - and we agreed - was about the IPCC

d in his own hockey stick fiasco, see {BRIFFA'S YAMAL 26.Sep.2009}). For an anation of manipulations in this graph see [36] and for other data tampering, including close-up graph [68], see {HOW TO 5.Oct.99} and {MANN 1.Sep.1999}. ckey 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 paleoclimate section was Keith Briffa ... the Team features mentions. Like MANN before him, BRIFFA used his position as Lead Author to publicize his own work

global temperature record used by the IPCC to inform world governme IONES MAR.2004 [1080742144.txt]: Recently rejected two paper GRL) from people saying CRU has it wrong over Siberia. Went to town in botl

Decadal Oscillation (PDO). The PDO is a long-term to 7 years and last from 6 to 18 months, the PDO

nation of the Pacific between cool and warm periods Unlike El Niño and La Niña, which may occur every can remain in the same phase for 20 to 30 years. $ext{T}$ Where are the headlines? Where are the press releases? Where is all the ttention? The ice melt across during the Antarctic summer (Octobe

23.DEC.2009 REVISION [DRAFT A] UPDATES AND OTHER FORMATS AVAILABLE FROM:

15.Mar.1999 MANN publishes the hockey stick graph in MBH99 which flattened the nd also the LIA as well as turning the end of the graph dramatically skyward to make $\frac{2}{6}$ it appear temperatures were relatively stable until the last 50 years. Sep.1999 (or earlier) MANN is appointed Lead Author of Chapter 2, "Observed Climate

ere) for Lamb's 1990 graph. The hockey stick was featured prominently on page 3

IN. ... What I am suggesting is strictly an empirical comparison of published stick and start over" [1096382684.txt]: of study that needs to be done before the next IPCC [2007] assessment." ows the paper will come to [1062592331.txt (expletives removed)]: COOK: Without trying to prejudice this work, but also because of what I almost think I v to be the case, the results of this study will show that we can probably say a fa it about <100 year extra-trobical NH temberature variability (at least as far a elieve the proxy estimates), but honestly know fu**-all about what the > 100 ear variability was like with any certainty (i.e. we know with certainty that we know fu**-all). ... Publish, retire, and don't leave a forwarding address ... you don't want to do it, just say so and I will drop the whole idea like a hot potato.

STICK AND START OVER OSBORN that von Storch ({WIGLEY 24.Apr.2003}) says it's time to "toss the hockey REVKIN: again, takeaway msg is that mann method during period used to calibrate your method. so it could be correct, but could be very wrong as well. it's time to toss hockeystick and start again,

WEGMAN REPORT: MCINTYRE & MCKITRICK RIGHT, MANN WRONG eray and Commerce Committee of the U.S. House of Representatives asked [Edwa Wegman] to assess ... the statistical validity of work by Michael Mann. Wegman accepted Dr. William Schlesinger: 80% of IPCC scientists do e [assignment] pro bono. He conducted his third-party review by assembling an expert anel of statisticians, who also agreed to work þro bono. Wegman also consulted outs isticians, including the Board of the American Statistical Association. At its conclusion Wegman entirely vindicated the Canadian critics and repudiated Mann's work. [113] In general, we found MBH98 and MBH99 [by Mann et al.] to be somewhat the criticisms of MM03/05a/05b [Mcl-

R. LINDZEN, ALERED P. SLOAN PROFESSOR OF ATMOSPHERIC SCIENCE AT MIT: Scientists

ent from the alarmism have seen their grant funds disappear, their work derided, and thems

led as industry stooges, scientific hacks or worse. ... And then there are the peculiar standards

THREATEN GEOPHYSICAL RESEARCH LETTERS JOURNAL

subsequently ousted. [1106322460.txt]:

Union] channels to get him ousted. Even this would

fundamental problem w/ GRL now, unfortunately...

IMATE.ORG IS BORN

Gavin Schmidt, Mike Mann, Eric Steig, William

nnolley, Stefan Rahmstorf, Ray Bradley, Amy

ent, Rasmus Benestad, Caspar Ammann es

ounked 'Hockey Stick'" [73] [1102687002.txt]

hierarchy has yet been compromised!

NGRESS QUESTIONS IPCC ABOUT MANN'S METHODS

be Barton and Ed Whitfield, Chairmen, Subcommittee on Oversight and Invest

change" with the IPCC Chairman because "recent peer-reviewed articles in Science,

v finding in the 2001 [IPCC] Third Assessment Report (TAR)." [1120593115.txt]

and methods used to perform the studies. For example, according to the

to whether IPCC review has been sufficiently robust and independent. We

nderstand that Dr. Michael Mann, the lead author of the studies in ques

thus would invalidate the methods [32]:

e moment JONES and WIGLEY first became aware of the FOI Act from a UEA leaflet, they

NES: As you're no longer an employee I would use this argument if anything comes along.

heir wording, computer code would be covered by the FOIA. My concern was if Sarah is/was sti

oyed by UEA. I guess she could claim that she had only written one tenth of the code and release ever

eedom of Information Acts. IONES solution: Delete the dat

MANN's solution: Claim intellectual property rights of peer

JONES: The two MMs [McIntyre and McKitrick] have been after the

n act, which I will hide behind. Tom Wigle

hide behind that. IPR should be relevant here, but I can see me

MANN: Yeah, there is a freedom of information act in the U.S.

o an argument with someone at UEA who'll say we must adhei

CRU station data for years. If they ever hear there is a Freedom of

nformation Act now in the UK, I think I'll delete the file rather

model code. He has retired officially from UEA so he can

reviewed research [1107454306.txt]:

WIGLEY: I got a brochure on the FOI Act from UEA. Does this mean that, if someone asks for a computer

immediately start planning how to get around it [1106338806.txt]:

ign with people, so I will be hiding behind them.

da (a government agency) notes that Mr.

& Environment, the information necessary to replicate the analyses in the

onsequently this raises serious questions for their committee: "**one concern relates**

physical Research Letters, Energy & Environment, among others, researchers question

searchers have failed to replicate the findings of these studies, in par

statistically significant. Today, in 2009,

O HIDE COOLING: HAVE A BIAS FO

DATA THAT PRODUCES HOCKEY STICKS

JONES [1109021312.txt]: Francis Zwiers is till

you to delete as appropriate!

propriate" [1109021312.txt]:

UK has a Freedom of Information Act!

face. – Kevin Vranes, Science Policy, 18 February 2005

onside. He said that PCIs produce hockey

sticks. ... The IPCC comes in for a lot of stick. Leave it to

e the CRU station data and he also suggests the others "delete

ONES: PS I'm getting hassled by a couple of people to release the CRU

station temperature data. Don't any of you three tell anybody that the

ne e-mail includes copies of 6 articles which all explain science requires

hich he arrived at his conclusions. All the same, Mr. Mann was forced to

SJ highlights what Regaldo and McIntyre says is Mann's resistance

o this is what I say to Dr. Mann and others expressing deep of

er review: give up your data, methods and code freely and with a smile on you

Mann's work doesn't meet that definition [of science], and those who

your data." I will now add another Pournelle's Law: **"You can prove anythi**i

use Mann's curve in their arguments are not making a scientific

argument. One of Pournelle's Laws states "You can prove anything if you can

you can keep your algorithms secret." --Jerry Pournelle, 18 February 2005

is should have produced a healthy scientific debate. Instead, **Mr. Mann tried t**

shut down debate by refusing to disclose the mathematical algorithm by

disclosure but MANN was refusing to disclose his methods for review

ally raise the issue of MANN et al's "historical record of temperatures

HUGHES, MANN, WIGLEY, BRADLEY, IONES, BRIFFA, SCHMIDT

hat to do about the journal Geophysical Research Letter

his is truly awful. GRL has gone downhill rapidly in recent y

ink that Saiers [Editor, GRL] is in the greenhouse

ences w/ both Saiers and potentially Mackwell [Editor in

't know him-he would seem to be complicit w/what is

re is a clear body of evidence that something is amiss,

n through the proper channels. I don't that the entire AGU

m not sure that GRL can be seen as an honest broker in the

which han been printing papers the they don't like. It's editor,

e in scientific journals for articles submitted by those who raise questions about accepted clima:

hastily prepared papers appeared, claiming errors in our study, with our responses delayed months

strange reluctance to actually find out how climate really behaves. [98]

'SICAL RESEARCH LETTERS ... MISSION ACCOMPLISHED

ntly display a poster at their recent meeting [1132094873.txt]

very careful to answer any questions that come up to an

r not, and if so, any comments you'd like us to include.

the file's last edit date). Following is from [22]:

modified to look more like the observed temperatures

Others, such as mxdgrid2ascii.pro, issue this warning:

In the other hand, you might want to visit the thread and post i

lf. We can hold comments up in the queue and contact y

t whether or not you think they should be screened throug

O HIDE COOLING: BURY IT IN THE SOFTWARE

Plotting programs such as [data4sweden.pro] print this reminder to the user price

IMPORTANT NOTE: The data after 1960 should not be used. The tree-ring densit

tend to show a decline after 1960 relative to the summer temperat

ratures then (sic) they should be which will incorrectly imply the

graph. The issue of why we don't

reconstruction is more skilful than it actually is. See Osborn et al. (2004).

le locations. **In this data set this "decline" has bee**n

U PROGRAMMING CODE [DATA4SWEDEN.PRO] (Date taken from

"published" one way or another. **The GRL leak may have been plugged up now w/ new editor leadership there**, but these guys always have "Climate Research" and "Energy and Environment", and

go there if necessary. They are telegraphing quite clearly where they are going w/ all of this...

longer. The delay permitted our paper to be commonly referred to as "discredited." Indeed, there is

Infirms to IONES, BRIFFA, OSBORN that the GRL "leak has been plugged" but now they

ew Scientist were to publish articles critical of the IPCC ("Carbon omissions"

"Climate report 'was watered down'") within days. Eystein Jansen (co-

learns of them and e-mails Richard Somerville inviting t

A's to join a campaign against New Scientist [71] [1173359793.txt]:

estion is that a strongly worded letter to New Scientist, signed by a

blished another article, about which MANN told JONES [1179416

ely dismissive of the contrarians on just about every point, including the H

IONES: I'm having a dispute with the new editor of Weather. I've

ournals and I'll be resigning from the RMS.

II his data [1237496573.txt]:

ONSHIPS TO CO2 "ARGUABLE"

t's botch after botch after botch.

ONES advises KARL he's managed to convince UEA to ignore FOI requests from

ICINTYRE (i.e. "people... with ClimateAudit" website). Others in Australia are doing

ne same, he says. MCINTYRE's work discredited MANN's "hockey stick graph" and

Think I've managed to persuade UEA to ignore all further FOIA re

non and Martin Manning) about the availability of the responses to reviewer's at the

oubt JONES was reluctant to release data to him [1182255717.txt]:

prious stages of the AR4 drafts. They are most interested here re Ch 6 on paleo.

s considering vis a vis FOI requests he was

Date taken from the file's last edit date):

Send them a subset removing station data from the subset of the state of th

some of the countries who made us pay in the

number that David can remember. This should a

source codes in I&M 2003). Also should

Send them the raw data as is, by reconstruc

from [NASA's GISS' dataset known as] GHCN.

arly stations that we coded up in the 1980s

vld this be done? Replace all stations where the WMO with what is in GHCN. **This would be the raw do**

normals papers of Hulme et al. (1990s) and also any

rely is the worst project I've ever attempted. Eeeel

least, arguable ... I still believe the "Western US" series and

lemispheric mean temperature is perhaps a "Pandora's box" that we might open at our peril!

rom "Botch After Botch After Botch" [21] and "Climategate: hide the decline - codified" [23]:

m I the first person to attempt to get the CRU databases in working order?!!

as I can see, this renders the (weather) station counts totally meaningless.

gical Society (RMS). Why? SANTER is opposed to disc

omplained about him to the RMS Chief Exec. If I don't get him to

ack down, I won't be sending any more papers to any RMS

ANTER: If the RMS is going to require authors to make ALL data

calculations - I will not submit any further papers to RMS journals.

Y READ ME.TXTI: This file appears to be a CRU programmer's three year journal of his efforts to try and

duced and any other papers that cite the CRU papers are based on data the CRU themselves can't verify.

the CRU at East Anglia University is considered by many as the world's leading climate research agency. ...

OBAR AIRPORT AWS (data from an Australian weather station) cannot start in 1962, it didn't open until 1993!

de and the models *Harry failed and could not duplicate CRU's own results.* If Harry can't, it means CRU cannot reproduce

te of time. Since reproducibility is the backbone of peer reviewed science, this failure means any "peer reviewed" paper CRU

read the programmer's comments below, remember, this is only a fraction of what he says [in the HARRY_READ_Me.txt file]. These

nck to the gridding. I am seriously worried that **our flagship gridded data product** is produced by Delaunay triangulation - apparently

- Getting seriously fed up with the state of the Australian data. so many new stations have been introduced, so many false references.. so many

ith a somewhat cynical shrug, I added the nuclear option — to match every WMO possible, and turn the rest into new stations ... In

other words what CRU usually do. It will allow bad databases to pass unnoticed, and good databases to become bad ...

- You can't imagine what this has cost me - to actually allow the operator to assign false WMO (World Meteorological

linear as well. As far as I can see, this renders the station counts totally meaningless. It also means that we cannot say exactly how the gridded data is arrived at from a statistical perspective ... Of course, it's too late for me to fix it too. Meh.

ecise data are the backbone of climate science. Reading "HARRY_READ_Me.txt" it's clear the CRU's files were a mess. ... [And

m. Wheras cloudreg is, and I immediately found a mistake! ... a loop that, for

David Holland, an engineer, had been seeking

formation on how authors, reviwers and

equest proceeded as follows: May 6 - CRU

Notice, June 4 - Holland Appeal, June 20 - CR

Acknowledgement, June 3 - CRU Refusal

DNES to "Mike, Ray, Caspar" [1210367056.txt]: 2. You can dele

on who is putting in FOI requests for all emails Keith [BRIFI

CC 2007]. We think we've found a way around this.

this [1226500291.txt, 1228330629.txt].

iture. Nor will I provide McIntyre with computer

4 I'm fully prepared to seek employment elsewher

ograms, email correspondence, etc. ... I will be consulting

ANTER: I will continue to refuse such data requests in the

IL's Legal Affairs Office in order to determine how the DOE and

MCINTYRE DISCOVERS ERRORS IN GISS DATASET

HANSEN ADMITS 1930s ARE US' WARMEST 20TH CENTURY YEARS

MCINTYRE discovers errors in the GISS data forcing HANSEN to revise

entury were not in the 1990s, as HANSEN had claimed, but in the 19

ACINTYRE] had noticed that HANSEN had been adjusting his pre-1970

widestread evidence of blummeting temperatures. Detailed and

owed that scores of temperature records from Russia and elsewhere had

erature figures downwards by as much as 0.5 degrees, and his

MCINTYRE and Anthony Watts [wattsupwiththat.com], a US meteorolog

en HANSEN announced that October 2008 was the hotte

-- before the record CO2 emissions of the post-war economic boom.

the GISS US surface temperature data. The hottest years of the 20th

is attachment if you want. Keep this quiet also, but this is the

that are all those monthly files? DON'T KNOW, UNDOCUMENTED. Wherever I look, there are data files, no info about what they are

eir own results and, therefore, it would seem there is no point anyone else even trying -- CRU themselves have proven it's

nating lead author (CLA) of the Paleoclimate chapter in 2007 IPCC

IONES and FOSTER (copies to TRENBERTH, MANN, SALINGER, SCHMIDT, and

hers) discuss FOSTER'S recommendations for reviewers that JGR [Journal

agues who "know the sorts of things to say" despite JGR's rules (actually

ompson [4]<davet@xxxxxxxxxxxxx Col State Univ

asterling [5]<David.Easterling@xxxxxxxxxxxxx> NCDC

ave Easterling. 10 get a spread, 10 go with 3 US, Ul

bout our comment and the awful original, without any prompting.

ysical Research] he requires for a paper he's submitted. They recomr

e-mail email itself) prohibit this. See {Wegment Report 14.Jul.006} [1249503274.t

(emphasis added): 3) Suggested Reviewers to Include – Please list the names

not list colleagues who are close associates, collaborators, or fan

allace [3] < wallace@xxxxxxxxxxxxx U Washington [May not be most responsive]

ANN: ONLY TRUST PEER REVIEWED SKEPTICISM; NOT MCINTYRE'S SKEPTICISM

NN to REVKIN (NY TIMES) [1254259645.txt]: Skepticism is essential for the functioning of

e. ... But legitimate scientific skepticism is exercised through formal scientific circles, in par

McIntyre who operate almost entirely outside of this system are not to be trusted

EY: BRIFFA IS IN A MESS OVER YAMAL

tough time explaining his way out of it [1254756944.txt]:

he is too close to the issue and probably quite pissed of. ...

WIGLEY: But Keith does seem to have got himself into a mess. ... how does

w does he explain the apparent "selection" of the less well-replicated

he issue of with-holding data is still a hot potato, one that affects

CRU TEMPERATURE DATA IS BETTER THAN THE NASA GISS DATA

ANSEN'S GISS record at NASE [1254850534.txt]:

ONES: HAVE DELETED LOADS OF E-MAILS 2 MONTHS AGO

JONES: When the FOI requests began here, the FOI person said we had to abide by the

ests. It took a couple of half hour sessions - one at a screen, to convin

em otherwise showing them what CA [climateaudit.org] was all about.

n the registry and in the Environmental Sciences school - the l

person quite well and the Chief Librarian - who deals with appeals....

emails, so have very little - if anything at all.

mail regarding "IPCC & FOI", JONES instructs MANN to delete e-mails

ed to the IPCC AR4 (2007). GENE, KEITH and CASPAR are to do the

. JONES' request is **after** the formal FOI request of 5.May.2008 **and aft** ssions with UEA's FOI officer on 9.May.2008 [1212063122.txt]:

S: Mike, Can you delete any emails you may have had with Keith re

ONES: EVERYONE DELETE E-MAILS RELATED IPCC AR4

chool and a few others) became very supportive. I've got to know the FOI

e inadvertent email I sent last month has led to a Data Protection Act request sent by a

eers! If he pays 10 pounds (which he hasn't yet) I am supposed to go through my emails

tain Canadian [McIntyre], saying that the email maligned his scientific credibility with his

I he can get anything I've written about him. About 2 months ago I deleted loads of

EY: BE GOOD TO REMOVE PART OF THE 1940 WARMING

BBC: WHAT HAPPENED TO GLOBAL WARMING? [42]

But it is true. For the last 11 years we have not observed any increase

gh man-made carbon dioxide, the gas thought to be responsible f

abal temperatures. And our climate models did not forecast it, eve

ADMISSION: THE SUN AND/OR EL-NINO DRIVE CLIMATE

SCHNFIDER [1255550975.txt]: As we enter an El Nino year and as

Note also the word "likely" betraying they actually have no ide

what drives climate up, but their best guess is that it is the Sun

soon, as the sunspots get over their temporary--presumed--

racation ... there will likely be another dramatic upward spike like

een a thorn for them for 11 years (see {CRU

ONES explains why UK's CRU temperature record and data is more accurate than

As explained on wattsupwiththat.com: "Many of [JONES'] points about problems with the NASA

eith explain the McIntyre plot that compares Yamal-12 with Yamal-all? And

hronology rather that the later (better replicated) chronology? ... Perhaps these

an be explained clearly and concisely — but I am not sure Keith [BRIFFA] is able to a

er review process. A necessary though not in general sufficient condition for taking a scientific

m seriously is that it has passed through the legitimate scientific peer review process. those su

thermore, if skepticism is published in a peer review journal, MANN says he dismisses

IES reply (emphasis added): Agree with Kevin that Tom Karl has too much to do. To

Santer in common! Dave Thompson is a good suggestion. I'd go for or

nyway because it will be in a "discredited contrarian journal".

is semi retired and like Mike Wallace may not be responsive to requests from JC

dom. At Science and Nature, such papers are commonly refused without review as being without

ention to the discrepancies in MBH98 and MBH99, and not to

do paleoclimatic temperature reconstruction. ... In our further exploration of the social network of authorships in temperature reconstruc we found that at least 43 authors have direct ties to Dr. Mann by virtue of coauthored papers with him. Our findings from this analysis suggest that authors in area of paleoclimate studies are closely connected and thus 'independent studies' may not be as independent as they might appear on the surface. is important to note the isolation of the paleoclimate community; even ugh they rely heavily on statistical methods they do not seem to be

eat majority of the reviewers dealt with hi chnical issues - matters that didn't support the IP onclusions on man-made climate change. The exc Chapter 9 had 53 authors and received commented favourably on the entire char

FOURTH IPCC ASSESSMENT REPORT (AR4) &

IPCC'S "4,000 SCIENTISTS"

not deal with climate. [84]

FROM "Numbers Racket" [20]:

been based on October readings. GISS revised its figures once more, explaining work appeared, and the authors and reviewers that the Russian data had been obtained by another body. [51] wice or thrice. Remove the duplications and

ners discuss the BBC article, WIGLEY rebukes MA WIGLEY: Mike, The Figure you sent is very deceptive. As ample, historical runs with PCM look as though they matc tions-but the match is a fluke. PCM has no indirect aero authors and by IPCC. This is why I still use results from MAGICC

The Met Office works closely with the University of East Anglia's Climatic Research Unit (CRL nich is being investigated after e-mails written by its director, Phil Jones, appeared to show a attempt to manipulate temperature data and block alternative scientific views. Met Office's published data showing a warming trend draws heavily on CRU analysis. CR pplied all the land temperature data to the Met Office, which added this to its own analysis of sea temperature data.

HTTP://JOANNENOVA.COM.AU/GLOBAL-WARMING/CLIMATEGATE-30-YEAR-TIMELINE/

The period 1880-1884 is the zero reference base.

0.2 1860 1880 1900 1920 1940 1960 1980 2000

Wendy Franz and Tony Gilland on the history of the IPCC:

ng to a joint statement but out by the three organising bodies, the conference

ow believed that in the first half of the next century a rise of global mean

concluded: "As a result of the increasing concentrations of greenhouse gases,

hese conclusions were far bolder than any that had gone before, and stoo

temperature could occur which is greater than any in man's history."

way round. ... A large number of critical documents submitted at the 1995 U.N. conference in Madrid vanished without a trace. As a result, the discussion was one-sided and heavily biased, and the U.N. declared global warming to be a scientific fact."

to have his name removed from the IPCC: "That is how they make it seem that all the top scientists are agreed. ... We have done the studies and challenged the alarmists - but they continue to ignore the facts, and perpetuate the lies." • Dr. Patrick J. Michaels, IPCC Expert Reviewer, former Virginia State Climatologist and University of Virginia professor of environmental sciences: "Nowhere in the traditionally refereed scientific literature do we find any support for Gore's hypothesis. ... [Instead] NASA climate firebrand James E. Hansen said in 1989 that scientists had to choose 'the right balance between being effective and honest' about global warming." • Dr. John Christy; IPCC Lead Author in 2001, says on CNN, May 2, 2007 UN scientists attempting to distort the science for political purposes: "I was at the table with three Europeans, and we were having lunch. And they were talking about their role as [IPCC] lead authors ... [and] how they were trying to make the report so dramatic that the United States would just have to sign that Kyoto Protocol." Dr. Christopher W. Landsea, IPCC Author and Reviewer, atmospheric scientist, expert with NOAA's National Hurricane Centre. Resigned from the IPCC Fourth Assessment Report charging the UN with playing politics wit Hurricane science: "I am withdrawing because I have come to view the part of the IPCC to which my expertise is relevant as having become politicized. ... I personally cannot in good faith continue to contribute to a process that I view as both being motivated by pre-conceived agendas and being scientifically unsound."

• Dr. Richard Lindzen, Former IPCC Lead Author, an Alfred P. Sloan Professor of Meteorology, MIT: "Controlling carbon is kind of a bureaucrat's dream. If you control life. ... [The IPCC is] not 2,500 the provision of funding but some (limited but genuine) role in setting he research agenda etc. Shell's interest is not in basic science. Any work they support must have a clear and relevance to 'real-world' activities. **They are particularly interested in**

RU SOLICITS FUNDING FROM SHELL, BP AND ESSO

tting CRU's research agenda.

tists questioning the CO2/man-made global warming theory (AGW) ar

nely dismissed as being in the pay of Big Oil. However, in 2000 CRU not

ven considers a strategic partnership which would also give Shell a role in

pect that the climate change team in Shell International is probably the be

all-shell-memo.doc]: What ensued was necessarily a rather speculative

CELLY meets with Shell several times in the Summer of 2000 and summarizes his

ussions to HULME and ORIORDAN [962818260.txt, 968691929.txt]:

licits funding from Shell (after already trying BP and Esso [947541692.txt]),

LY explains to Paul Horsman of Greenpeace the purpose of the IPCC

ibility and Change", of the IPCC 2001 report, which substituted MANN's hockey stick eting as a 'strategic partnership' with the TC, broadly equivalent to a

hopefully successfully. If either appears I will be very surprised, but y

and retreat every +/-30 years [117] and are now slowing their retreat: "Gangotri's drawdown - 20 metres per annum in 🔇 the '70s - is now mere six metres a year. ... Even if Gangotri retreats at 20 m per annum, it will last for 1,500 years." [121] American Meteorological Society (AMS) reports are glaciers shrinking only in the eastern Himalayas. In the u Kush and the Karakoram, they are "thickening and expanding". In fact glaciers are growing around the $oldsymbol{w}$

[118, 119] India has 9,575 glaciers; none of the 50 monitored ones show a particularly high rate of retreat. [121] 3) And in the eastern Himalayas, NASA GISS and UNEP report soot from densely populated south Asian cities is to me: "Soot's Role in Himalayan Warming ... Over areas of the Himalayas, the rate of warming is more than five times faster

med, the Pacific was locked in its wa

anuary) of 2008-2009 was the lowest ever recorded in the satellite history. Such was the finding reported last week by Marco Tedesco and Andrew Monaghan in the journal Geophysical Research Letters. [87] and in the Arctic: Today [19.Feb.2009] the National Snow and Ice Pata Center (NSIDC) admitted that they've underreported Arctic ice extent by 500,000 sq km. That's the size of 10 states! [119] Also "[21.Sep.]2009 Arctic Sea Ice Extent exceeds 2005." [122]

cuments were requested in January 2007 and NASA/GISS have refus date to comply with their legal obligation to produce responsive documents.

"CLIMATEGATE - 30 YEARS IN THE MAKING"

NOTES AND REFERENCES

- Printed, the chart's full size is 94" x 34" (two A0 landscape pages). At this size the text is 9pt. Smaller sizes can be printed in tile format using Adobe Acrobat (full product not free reader) or they can be downloaded pre-tiled for various page sizes. Murals should be printed at 200% size and will be readable from 3' away.
- Viewed on screen, you can zoom in and out, scroll vertically to see everything in a given time period or horizontally across time to see everything related to a particular theme.
- CRU documents are referenced by the document name, such as [1120593115.txt] or [HARRY_READ_ME.TXT]. These are located at:
 http://www.eastangliaemails.com
 http://www.climate-gate.org
- References in {}, such as {MCINTYRE AND MCKITRICK Nov.2003} refer to an event box on the chart with the given date.
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