

• Look up a Term

• CLAM Bake

Climate Science Glossary

Term Lookup

Enter a term in the search box to find its definition.

Settings

Use the controls in the far right panel to increase or decrease the number of terms automatically displayed (or to completely turn that feature off).

Term Lookup

Term:

Define

Settings

☒ Beginner

☒ Intermediate

☒ Advanced

☐ No Definitions

Definition Life:

20 seco

All IPCC definitions taken from *Climate Change 2007: The Physical Science Basis. Working Group I Contribution to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, Annex I, Glossary, pp. 941-954. Cambridge University Press.*



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MOST USED

Climate Myths

and what the science really says...

1 Climate's changed before

2 It's the sun

3 It's not bad

4 There is no consensus

5 It's cooling

6 Models are unreliable

7 Temp record is unreliable

8 Animals and plants can adapt

9 It hasn't warmed since 1998

10 Antarctica is gaining ice

View All Arguments...

IPCC FACTS

the consensus project

PRUDENT PATH

OA not OK

Interactive History of Climate Science

Guide to RCPs

TREND CALCULATOR

Lessons from Predictions

CLIMATE MYTHS FROM POLITICIANS

CLIMATE MISINFORMERS

Skeptic Arguments

This is a list of every skeptic argument encountered online as well as how often each argument is used. [How this is calculated...](#)

1 Climate's changed before

2 It's the sun

3 It's not bad

4 There is no consensus

5 It's cooling

6 Models are unreliable

7 Temp record is unreliable

8 Animals and plants can adapt

9 It hasn't warmed since 1998

10 Antarctica is gaining ice

11 CO2 lags temperature

12 Ice age predicted in the 70s

13 Climate sensitivity is low

14 We're heading into an ice age

15 Ocean acidification isn't serious

16 Hockey stick is broken

17 Climategate CRU emails suggest conspiracy

18 Hurricanes aren't linked to global warming

19 Al Gore got it wrong

20 Glaciers are growing

21 It's cosmic rays

22 1934 - hottest year on record

23 It's freaking cold!

24 Extreme weather isn't caused by global warming

25 Sea level rise is exaggerated

26 It's Urban Heat Island effect

27 Medieval Warm Period was warmer

28 Mars is warming

29 Arctic icemelt is a natural cycle

30 Increasing CO2 has little to no effect

31 Oceans are cooling

32 It's a 1500 year cycle

33 Human CO2 is a tiny % of CO2 emissions

34 IPCC is alarmist

35 Water vapor is the most powerful greenhouse gas

36 Polar bear numbers are increasing

37 CO2 limits will harm the economy

38 It's not happening

39 Greenland was green

40 Greenland is gaining ice

41 CO2 is not a pollutant

4.3%

4.3%

4.0%

3.2%

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2.9%

2.4%

2.2%

2.0%

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0.8%

0.8%

0.8%

past

sun

impacts

consensus

cooling

model

temp

species

1998

antarctica

lag

1970s

sensitivity

iceage

acid

hockey

climategate

hurricane

gore

glacier

cosmic

1934

cold

extreme

sealevel

uhi

mwp

mars

arcticcycle

greenhouse

oceanheat

1500cycle

co2

underestimat

vapor

bear

economy

warming

green

greenland

pollutant

CLIMATE SCIENCE LEGAL DEFENSE FUND

FOR THE PROTECTION OF THE SCIENTIFIC ENGINEER

Summer '16 Fundraiser

FREE COURSE

Making sense of climate science denial

ENROL NOW!

97:00:00

1 of 3

11/09/2016 10:45 AM

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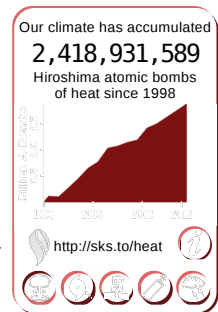
- So fracking reduces carbon emissions, right?
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- 2016 SkS Weekly Climate Change & Global Warming News Roundup #45
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- 2016 SkS Weekly Climate Change & Global Warming Digest #43
- 2016 SkS Weekly Climate Change & Global Warming News Roundup #43
- Global warming continues; 2016 will be the hottest year ever recorded
- Join the self-paced version of Denial101x - Making sense of climate science denial!
- No longer taken seriously, we're seeing the last gasp of climate denial groups
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- 2016 SkS Weekly Climate Change & Global Warming Digest #42
- 2016 SkS Weekly Climate Change & Global Warming News Roundup #42
- Climate scientists published a paper debunking Ted Cruz
- Hillary Clinton and Al Gore talk climate and energy in Miami
- Explainer: Paris Agreement on climate change to 'enter into force'
- Trailer: Before the Flood
- Caring for Creation makes the Christian case for climate action

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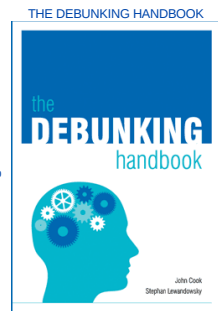
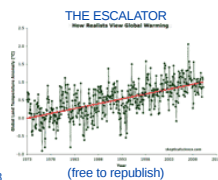
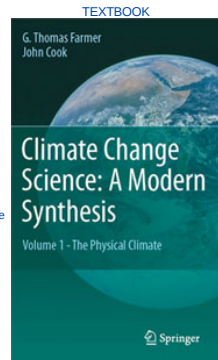
[Climate Hustle](#)

- 42 There's no empirical evidence
- 43 CO₂ is plant food
- 44 Other planets are warming
- 45 It's clouds
- 46 Arctic sea ice has recovered
- 47 There's no correlation between CO₂ and temperature
- 48 We're coming out of the Little Ice Age
- 49 It cooled mid-century
- 50 Global warming stopped in 1998, 1995, 2002, 2007, 2010, ????
- 51 CO₂ was higher in the past
- 52 It warmed before 1940 when CO₂ was low
- 53 Satellites show no warming in the troposphere
- 54 It's aerosols
- 55 2009-2010 winter saw record cold spells
- 56 It's El Niño
- 57 It's not us
- 58 Mt. Kilimanjaro's ice loss is due to land use
- 59 It's Pacific Decadal Oscillation
- 60 It's a natural cycle
- 61 There's no tropospheric hot spot
- 62 Scientists can't even predict weather
- 63 IPCC were wrong about Himalayan glaciers
- 64 2nd law of thermodynamics contradicts greenhouse theory
- 65 Greenhouse effect has been falsified
- 66 Clouds provide negative feedback
- 67 CO₂ limits will hurt the poor
- 68 The science isn't settled
- 69 Sea level rise predictions are exaggerated
- 70 It's the ocean
- 71 IPCC were wrong about Amazon rainforests
- 72 Corals are resilient to bleaching
- 73 CO₂ effect is saturated
- 74 Volcanoes emit more CO₂ than humans
- 75 Greenland ice sheet won't collapse
- 76 CO₂ is just a trace gas
- 77 It's methane
- 78 CO₂ has a short residence time
- 79 500 scientists refute the consensus
- 80 Humidity is falling
- 81 CO₂ measurements are suspect
- 82 Neptune is warming
- 83 Springs aren't advancing
- 84 Jupiter is warming
- 85 It's land use
- 86 Scientists tried to 'hide the decline' in global temperature
- 87 CO₂ is not increasing
- 88 Record snowfall disproves global warming
- 89 They changed the name from 'global warming' to 'climate change'
- 90 Solar Cycle Length proves its the sun
- 91 CO₂ is not the only driver of climate
- 92 Peer review process was corrupted
- 93 CO₂ is coming from the ocean
- 94 Pluto is warming
- 95 IPCC overestimate temperature rise
- 96 Renewable energy is too expensive
- 97 Arctic was warmer in 1940
- 98 Southern sea ice is increasing
- 99 Sea level rise is decelerating
- 100 CO₂ limits will make little difference
- 101 Lindzen and Choi find low climate sensitivity
- 102 It's microsite influences
- 103 Phil Jones says no global warming since 1995
- 104 Humans are too insignificant to affect global climate
- 105 Infrared Iris will reduce global warming
- 106 It's too hard
- 107 Dropped stations introduce warming bias
- 108 It's not urgent
- 109 It's albedo
- 110 Tree-rings diverge from temperature after 1960
- 111 Roy Spencer finds negative feedback
- 112 It's soot
- 113 Hansen's 1988 prediction was wrong
- 114 Earth hasn't warmed as much as expected
- 115 It's global brightening
- 116 Arctic sea ice loss is matched by Antarctic sea ice gain
- 117 It's a climate regime shift
- 118 Solar cycles cause global warming
- 119 Plant stomata show higher and more variable CO₂ levels
- 120 Less than half of published scientists endorse global warming
- 121 Over 31,000 scientists signed the OISM Petition Project
- 122 Ice isn't melting
- 123 A drop in volcanic activity caused warming
- 124 IPCC 'disappeared' the Medieval Warm Period
- 125 Sea level is not rising
- 126 Climate is chaotic and cannot be predicted
- 127 The IPCC consensus is phoney
- 128 Freedom of Information (FOI) requests were ignored
- 129 It's ozone
- 130 Climate 'Skeptics' are like Galileo
- 131 Tuvalu sea level isn't rising
- 132 Renewables can't provide baseload power
- 133 Naomi Oreskes' study on consensus was flawed
- 134 Trenberth can't account for the lack of warming

- 0.7% evidence
- 0.7% plant
- 0.7% planets
- 0.7% arctic
- 0.6% correlate
- 0.6% lia
- 0.6% midcentury
- 0.6% stopped
- 0.6% pastco2
- 0.6% pre1940
- 0.6% troposphere
- 0.5% aerosols
- 0.5% winter
- 0.5% elnino
- 0.5% agw
- 0.5% kilimanjaro
- 0.5% pdo
- 0.5% cycle
- 0.5% hotspot
- 0.4% weather
- 0.4% himalaya
- 0.4% thermo
- 0.4% falsify
- 0.4% cloud
- 0.4% poor
- 0.4% settled
- 0.4% seapredict
- 0.4% ocean
- 0.4% amazon
- 0.4% bleach
- 0.4% saturate
- 0.3% volcano
- 0.3% icecollapse
- 0.3% trace
- 0.3% methane
- 0.3% residence
- 0.3% 500
- 0.3% humidity
- 0.3% co2data
- 0.3% neptune
- 0.3% spring
- 0.3% jupiter
- 0.3% landuse
- 0.3% decline
- 0.3% co2up
- 0.3% snowfall
- 0.3% name
- 0.2% sci
- 0.2% driver
- 0.2% peerreview
- 0.2% oceanco2
- 0.2% pluto
- 0.2% overestimate
- 0.2% expensive
- 0.2% arctic1940
- 0.2% southice
- 0.2% sealevelrise
- 0.2% limits
- 0.2% lindzenchoi
- 0.2% microsite
- 0.2% 1995
- 0.2% significant
- 0.2% iris
- 0.2% toohard
- 0.2% dropped
- 0.2% urgent
- 0.2% albedo
- 0.2% diverge
- 0.2% negspencer
- 0.2% soot
- 0.2% hansen1988
- 0.2% inertia
- 0.2% bright
- 0.2% seaice
- 0.2% shift
- 0.2% solarcycle
- 0.1% stomata
- 0.1% schulte
- 0.1% oism
- 0.1% icemelt
- 0.1% volcanodrop
- 0.1% ipccmwp
- 0.1% searise
- 0.1% chaos
- 0.1% hulme
- 0.1% foi
- 0.1% ozone
- 0.1% galileo
- 0.1% tuvalu
- 0.1% baseload
- 0.1% oreskes
- 0.1% trenberth



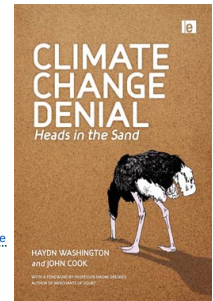
The Consensus Project Website



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135	CRU tampered with temperature data	0.1%
136	Ice Sheet losses are overestimated	0.1%
137	Melting ice isn't warming the Arctic	0.1%
138	Breathing contributes to CO ₂ buildup	0.1%
139	Soares finds lack of correlation between CO ₂ and temperature	0.1%
140	Satellite error inflated Great Lakes temperatures	0.1%
141	Murry Salby finds CO ₂ rise is natural	0.1%
142	We're heading into cooling	0.1%
143	The sun is getting hotter	0.1%
144	Most of the last 10,000 years were warmer	0.1%
145	It warmed just as fast in 1860-1880 and 1910-1940	0.1%
146	Record high snow cover was set in winter 2008/2009	0.1%
147	Water vapor in the stratosphere stopped global warming	0.1%
148	An exponential increase in CO ₂ will result in a linear increase in temperature	0.1%
149	CO ₂ emissions do not correlate with CO ₂ concentration	0.1%
150	It's waste heat	0.1%
151	CERN CLOUD experiment proved cosmic rays are causing global warming	0.1%
152	Mauna Loa is a volcano	0.1%
153	Deniers are part of the 97%	0.1%
154	Venus doesn't have a runaway greenhouse effect	0.1%
155	Antarctica is too cold to lose ice	0.0%
156	Skeptics were kept out of the IPCC?	0.0%
157	Positive feedback means runaway warming	0.0%
158	It's planetary movements	0.0%
159	Water levels correlate with sunspots	0.0%
160	CO ₂ was higher in the late Ordovician	0.0%
161	CO ₂ increase is natural, not human-caused	0.0%
162	Coral atolls grow as sea levels rise	0.0%
163	It's internal variability	0.0%
164	No warming in 16 years	0.0%
165	Scientists retracted claim that sea levels are rising	0.0%
166	Schmittner finds low climate sensitivity	0.0%
167	Warming causes CO ₂ rise	0.0%
168	Renewable energy investment kills jobs	0.0%
169	It's CFCs	0.0%
170	CO ₂ limits won't cool the planet	0.0%
171	It's a climate shift step function caused by natural cycles	0.0%
172	Greenland has only lost a tiny fraction of its ice mass	0.0%
173	Ben Santer and the 1995 IPCC report	0.0%
174	DMI show cooling Arctic	0.0%
175	Royal Society embraces skepticism	0.0%
176		0.0%
177	97% consensus on human-caused global warming has been disproven	0.0%
178	It's only a few degrees	0.0%
179	A grand solar minimum could trigger another ice age	0.0%
180	It's satellite microwave transmissions	0.0%
181	Sea level fell in 2010	0.0%
182	CO ₂ only causes 35% of global warming	0.0%
183	Arctic sea ice extent was lower in the past	0.0%
184	IPCC graph showing accelerating trends is misleading	0.0%
185	Adapting to global warming is cheaper than preventing it	0.0%
186	We didn't have global warming during the Industrial Revolution	0.0%
187	Postma disproved the greenhouse effect	0.0%
188	UAH atmospheric temperatures prove climate models and/or surface temperature data sets are wrong	0.0%
189	Ljungqvist broke the hockey stick	0.0%
190	Removing all CO ₂ would make little difference	0.0%
191	Heatwaves have happened before	0.0%
192	Loehle and Scafetta find a 60 year cycle causing global warming	0.0%
193	Underground temperatures control climate	0.0%
194	Hansen predicted the West Side Highway would be underwater	0.0%
195	Humans survived past climate changes	0.0%

tamper
iceloss
amplify
breath
soares
greatlake
salby
futurecool
acrim
10000
trends
snowcover
stratosphere
linear
co2conc
waste
CERN
mauna
fringe
venus
toocold
ipccskeptic
runaway
planetary
watersun
ordovician
co2increase
atoll
variable
16years
searetract
schmittner
warmco2
jobs
cfc
limitscool
stepfunction
icefraction
santer
dmi
royalsoc



The Scientific Guide to Global Warming Skepticism



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