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## Climate Science Glossary

### Term Lookup

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

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### Term Lookup

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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...



### 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	<a href="#">Climate's changed before</a>	4.3%
2	<a href="#">It's the sun</a>	4.2%
3	<a href="#">It's not bad</a>	3.9%
4	<a href="#">There is no consensus</a>	3.1%
5	<a href="#">It's cooling</a>	3.1%
6	<a href="#">Models are unreliable</a>	2.9%
7	<a href="#">Temp record is unreliable</a>	2.3%
8	<a href="#">Animals and plants can adapt</a>	2.2%
9	<a href="#">It hasn't warmed since 1998</a>	1.9%
10	<a href="#">Antarctica is gaining ice</a>	1.8%
11	<a href="#">Ice age predicted in the 70s</a>	1.8%
12	<a href="#">CO2 lags temperature</a>	1.8%
13	<a href="#">Climate sensitivity is low</a>	1.7%
14	<a href="#">We're heading into an ice age</a>	1.7%
15	<a href="#">Ocean acidification isn't serious</a>	1.6%
16	<a href="#">Hockey stick is broken</a>	1.6%
17	<a href="#">Climategate CRU emails suggest conspiracy</a>	1.6%
18	<a href="#">Hurricanes aren't linked to global warming</a>	1.5%
19	<a href="#">Al Gore got it wrong</a>	1.5%
20	<a href="#">Glaciers are growing</a>	1.5%
21	<a href="#">It's cosmic rays</a>	1.5%
22	<a href="#">1934 - hottest year on record</a>	1.4%
23	<a href="#">It's freaking cold!</a>	1.3%
24	<a href="#">Extreme weather isn't caused by global warming</a>	1.3%
25	<a href="#">Sea level rise is exaggerated</a>	1.3%
26	<a href="#">It's Urban Heat Island effect</a>	1.2%
27	<a href="#">Medieval Warm Period was warmer</a>	1.1%
28	<a href="#">Mars is warming</a>	1.1%
29	<a href="#">Arctic icemelt is a natural cycle</a>	1.1%
30	<a href="#">Increasing CO2 has little to no effect</a>	1.0%
31	<a href="#">Oceans are cooling</a>	1.0%
32	<a href="#">Climate scientists are in it for the money</a>	1.0%

Winner of the 2011





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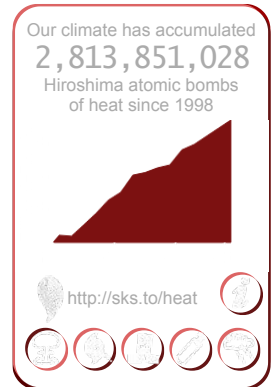
- Cranky Uncle crowdfunding campaign launches!
- UN report: Pollution from planned fossil fuel production would overshoot Paris climate goals
- 2019 SkS Weekly Climate Change & Global Warming News Roundup #48
- Video: Is CO2 actually dangerous?
- Skeptical Science New Research for Week #47, 2019
- Harnessing gamification to defeat climate misinformation
- 2019 SkS Weekly Climate Change & Global Warming News Roundup #47
- New report finds costs of climate change impacts often underestimated
- Skeptical Science New Research for Week #46, 2019
- Here Are 3 Climategate Myths That Have Not Aged Well
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- Video: Dorian's Deadly Stall – How Climate Change is Weaponizing Hurricanes
- Talking about climate science at SAP TechEd in Barcelona
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- A small electric plane demonstrates promise, obstacles of climate-friendly air travel
- Canada's ClimateData Web Portal: Normal Science, Not Fake
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- Brief overview of new IPCC report on oceans and ice risks

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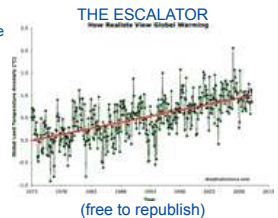
[Climate Hustle](#)

33	It's a 1500 year cycle	1.0%
34	Human CO2 is a tiny % of CO2 emissions	0.9%
35	IPCC is alarmist	0.9%
36	Water vapor is the most powerful greenhouse gas	0.9%
37	Polar bear numbers are increasing	0.9%
38	CO2 limits will harm the economy	0.8%
39	It's not happening	0.8%
40	Greenland was green	0.8%
41	CO2 is not a pollutant	0.8%
42	Greenland is gaining ice	0.8%
43	CO2 is plant food	0.7%
44	There's no empirical evidence	0.7%
45	Arctic sea ice has recovered	0.7%
46	Other planets are warming	0.7%
47	It's clouds	0.7%
48	There's no correlation between CO2 and temperature	0.6%
49	We're coming out of the Little Ice Age	0.6%
50	It cooled mid-century	0.6%
51	Global warming stopped in 1998, 1995, 2002, 2007, 2010, ????	0.6%
52	CO2 was higher in the past	0.6%
53	It warmed before 1940 when CO2 was low	0.6%
54	Satellites show no warming in the troposphere	0.6%
55	It's aerosols	0.5%
56	2009-2010 winter saw record cold spells	0.5%
57	It's a natural cycle	0.5%
58	It's El Niño	0.5%
59	Mt. Kilimanjaro's ice loss is due to land use	0.5%
60	It's not us	0.5%
61	There's no tropospheric hot spot	0.5%
62	It's Pacific Decadal Oscillation	0.5%
63	2nd law of thermodynamics contradicts greenhouse theory	0.5%
64	Scientists can't even predict weather	0.4%
65	IPCC were wrong about Himalayan glaciers	0.4%
66	Greenhouse effect has been falsified	0.4%
67	Clouds provide negative feedback	0.4%
68	CO2 limits will hurt the poor	0.4%
69	The science isn't settled	0.4%
70	Sea level rise predictions are exaggerated	0.4%
71	It's the ocean	0.4%
72	IPCC were wrong about Amazon rainforests	0.4%
73	Corals are resilient to bleaching	0.4%
74	Volcanoes emit more CO2 than humans	0.4%
75	CO2 effect is saturated	0.3%
76	Greenland ice sheet won't collapse	0.3%
77	500 scientists refute the consensus	0.3%
78	CO2 is just a trace gas	0.3%
79	It's methane	0.3%
80	CO2 has a short residence time	0.3%
81	Humidity is falling	0.3%
82	CO2 measurements are suspect	0.3%
83	Springs aren't advancing	0.3%
84	Neptune is warming	0.3%
85	Jupiter is warming	0.3%
86	CO2 is not increasing	0.3%
87	It's land use	0.3%
88	Scientists tried to 'hide the decline' in global temperature	0.3%
89	Record snowfall disproves global warming	0.3%
90	They changed the name from 'global warming' to 'climate change'	0.2%
91	Solar Cycle Length proves its the sun	0.2%
92	Pluto is warming	0.2%
93	CO2 is coming from the ocean	0.2%
94	CO2 is not the only driver of climate	0.2%
95	Peer review process was corrupted	0.2%
96	IPCC overestimate temperature rise	0.2%
97	Arctic was warmer in 1940	0.2%
98	Renewable energy is too expensive	0.2%
99	CO2 limits will make little difference	0.2%
100	Southern sea ice is increasing	0.2%
101	Sea level rise is decelerating	0.2%
102	Phil Jones says no global warming since 1995	0.2%
103	Lindzen and Choi find low climate sensitivity	0.2%
104	It's microsite influences	0.2%
105	Humans are too insignificant to affect global climate	0.2%
106	Infrared Iris will reduce global warming	0.2%
107	Dropped stations introduce warming bias	0.2%
108	It's too hard	0.2%
109	It's not urgent	0.2%
110	It's albedo	0.2%
111	Tree-rings diverge from temperature after 1960	0.2%
112	It's soot	0.2%
113	Roy Spencer finds negative feedback	0.2%
114	Hansen's 1988 prediction was wrong	0.2%
115	It's global brightening	0.2%
116	Earth hasn't warmed as much as expected	0.2%

1500cycle
co2
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vapor
bear
economy
warming
green
pollutant
greenland
plant
evidence
arctic
planets
correlate
lia
midcentury
stopped
pastco2
pre1940
troposphere
aerosols
winter
cycle
elnino
kiilimanjaro
agw
hotspot
pdo
thermo
weather
himalaya
falsify
cloud
poor
settled
seapredict
ocean
amazon
bleach
volcano
saturate
icecollapse
500
trace
methane
residence
humidity
co2data
spring
neptune
jupiter
co2up
landuse
decline
snowfall
name
sci
pluto
oceanco2
driver
peerreview
overestimate
arctic1940
expensive
limits
southice
sealevelrise
1995
lindzenchoi
microsite
significant
iris
dropped
toohard
urgent
albedo
diverge
soot
negspencer
hansen1988
bright
inertia



The Consensus Project Website



117	<a href="#">Arctic sea ice loss is matched by Antarctic sea ice gain</a>	0.2%	seaice
118	<a href="#">It's a climate regime shift</a>	0.2%	shift
119	<a href="#">Solar cycles cause global warming</a>	0.2%	solarcycle
120	<a href="#">Less than half of published scientists endorse global warming</a>	0.1%	schulte
121	<a href="#">A drop in volcanic activity caused warming</a>	0.1%	volcanodrop
122	<a href="#">Plant stomata show higher and more variable CO2 levels</a>	0.1%	stomata
123	<a href="#">Over 31,000 scientists signed the OISM Petition Project</a>	0.1%	oism
124	<a href="#">Ice isn't melting</a>	0.1%	icemelt
125	<a href="#">Sea level is not rising</a>	0.1%	searise
126	<a href="#">IPCC 'disappeared' the Medieval Warm Period</a>	0.1%	ipccmwp
127	<a href="#">Climate is chaotic and cannot be predicted</a>	0.1%	chaos
128	<a href="#">It's ozone</a>	0.1%	ozone
129	<a href="#">Climate 'Skeptics' are like Galileo</a>	0.1%	galileo
130	<a href="#">The IPCC consensus is phoney</a>	0.1%	hulme
131	<a href="#">Freedom of Information (FOI) requests were ignored</a>	0.1%	foi
132	<a href="#">Tuvalu sea level isn't rising</a>	0.1%	tuvalu
133	<a href="#">Naomi Oreskes' study on consensus was flawed</a>	0.1%	oreskes
134	<a href="#">Renewables can't provide baseload power</a>	0.1%	baseload
135	<a href="#">Trenberth can't account for the lack of warming</a>	0.1%	trenberth
136	<a href="#">Ice Sheet losses are overestimated</a>	0.1%	iceloss
137	<a href="#">CRU tampered with temperature data</a>	0.1%	tamper
138	<a href="#">Melting ice isn't warming the Arctic</a>	0.1%	amplify
139	<a href="#">Breathing contributes to CO2 buildup</a>	0.1%	breath
140	<a href="#">Soares finds lack of correlation between CO2 and temperature</a>	0.1%	soares
141	<a href="#">Satellite error inflated Great Lakes temperatures</a>	0.1%	greatlake
142	<a href="#">We're heading into cooling</a>	0.1%	futurecool
143	<a href="#">Murry Salby finds CO2 rise is natural</a>	0.1%	salby
144	<a href="#">Most of the last 10,000 years were warmer</a>	0.1%	10000
145	<a href="#">The sun is getting hotter</a>	0.1%	acrim
146	<a href="#">97% consensus on human-caused global warming has been disproven</a>	0.1%	robust97
147	<a href="#">It's waste heat</a>	0.1%	waste
148	<a href="#">A grand solar minimum could trigger another ice age</a>	0.1%	solarminimum
149	<a href="#">Water vapor in the stratosphere stopped global warming</a>	0.1%	stratosphere
150	<a href="#">CO2 emissions do not correlate with CO2 concentration</a>	0.1%	co2conc
151	<a href="#">An exponential increase in CO2 will result in a linear increase in temperature</a>	0.1%	linear
152	<a href="#">It warmed just as fast in 1860-1880 and 1910-1940</a>	0.1%	trends
153	<a href="#">Record high snow cover was set in winter 2008/2009</a>	0.1%	snowcover
154	<a href="#">CERN CLOUD experiment proved cosmic rays are causing global warming</a>	0.1%	CERN
155	<a href="#">Mauna Loa is a volcano</a>	0.1%	mauna
156	<a href="#">Adapting to global warming is cheaper than preventing it</a>	0.1%	adaptcheap
157	<a href="#">Deniers are part of the 97%</a>	0.1%	fringe
158	<a href="#">Venus doesn't have a runaway greenhouse effect</a>	0.1%	venus
159	<a href="#">Skeptics were kept out of the IPCC?</a>	0.0%	ipccskeptic
160	<a href="#">Water levels correlate with sunspots</a>	0.0%	watersun
161	<a href="#">Positive feedback means runaway warming</a>	0.0%	runaway
162	<a href="#">It's planetary movements</a>	0.0%	planetary
163	<a href="#">Antarctica is too cold to lose ice</a>	0.0%	toocold
164	<a href="#">CO2 increase is natural, not human-caused</a>	0.0%	co2increase
165	<a href="#">Warming causes CO2 rise</a>	0.0%	warmco2
166	<a href="#">No warming in 16 years</a>	0.0%	16years
167	<a href="#">Coral atolls grow as sea levels rise</a>	0.0%	atoll
168	<a href="#">It's internal variability</a>	0.0%	variable
169	<a href="#">CO2 was higher in the late Ordovician</a>	0.0%	ordovician
170	<a href="#">Scientists retracted claim that sea levels are rising</a>	0.0%	searetract
171	<a href="#">Renewable energy investment kills jobs</a>	0.0%	jobs
172	<a href="#">Schmittner finds low climate sensitivity</a>	0.0%	schmittner
173	<a href="#">CO2 limits won't cool the planet</a>	0.0%	limitscool
174	<a href="#">It's CFCs</a>	0.0%	cfc
175	<a href="#">Greenland has only lost a tiny fraction of its ice mass</a>	0.0%	icefraction
176	<a href="#">Ben Santer rewrote the 1995 IPCC report</a>	0.0%	santer
177		0.0%	
178	<a href="#">DMI show cooling Arctic</a>	0.0%	dmi
179	<a href="#">It's a climate shift step function caused by natural cycles</a>	0.0%	stepfunction
180	<a href="#">It's only a few degrees</a>	0.0%	fewdegrees
181	<a href="#">Royal Society embraces skepticism</a>	0.0%	royalsoc
182	<a href="#">CO2 only causes 35% of global warming</a>	0.0%	35percent
183	<a href="#">IPCC graph showing accelerating trends is misleading</a>	0.0%	accelerate
184	<a href="#">It's satellite microwave transmissions</a>	0.0%	microwave
185	<a href="#">Sea level fell in 2010</a>	0.0%	slr2010
186	<a href="#">Arctic sea ice extent was lower in the past</a>	0.0%	pastarctic
187	<a href="#">Climate change isn't increasing extreme weather damage costs</a>	0.0%	damagecosts
188	<a href="#">Ljungqvist broke the hockey stick</a>	0.0%	ljungqvist
189	<a href="#">Underground temperatures control climate</a>	0.0%	underground
190	<a href="#">Removing all CO2 would make little difference</a>	0.0%	removeco2
191	<a href="#">Humans survived past climate changes</a>	0.0%	survived
192	<a href="#">IPCC human-caused global warming attribution confidence is unfounded</a>	0.0%	confidence
193	<a href="#">UAH atmospheric temperatures prove climate models and/or surface temperature data sets are wrong</a>	0.0%	uah
194	<a href="#">Postma disproved the greenhouse effect</a>	0.0%	postma
195	<a href="#">Hansen predicted the West Side Highway would be underwater</a>	0.0%	highway

196	<a href="#">Heatwaves have happened before</a>	0.0%	<a href="#">heatwave</a>
197	<a href="#">Great Barrier Reef is in good shape</a>	0.0%	<a href="#">gbr</a>
198	<a href="#">We didn't have global warming during the Industrial Revolution</a>	0.0%	<a href="#">industrial</a>
199	<a href="#">Loehle and Scafetta find a 60 year cycle causing global warming</a>	0.0%	<a href="#">loehle</a>

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