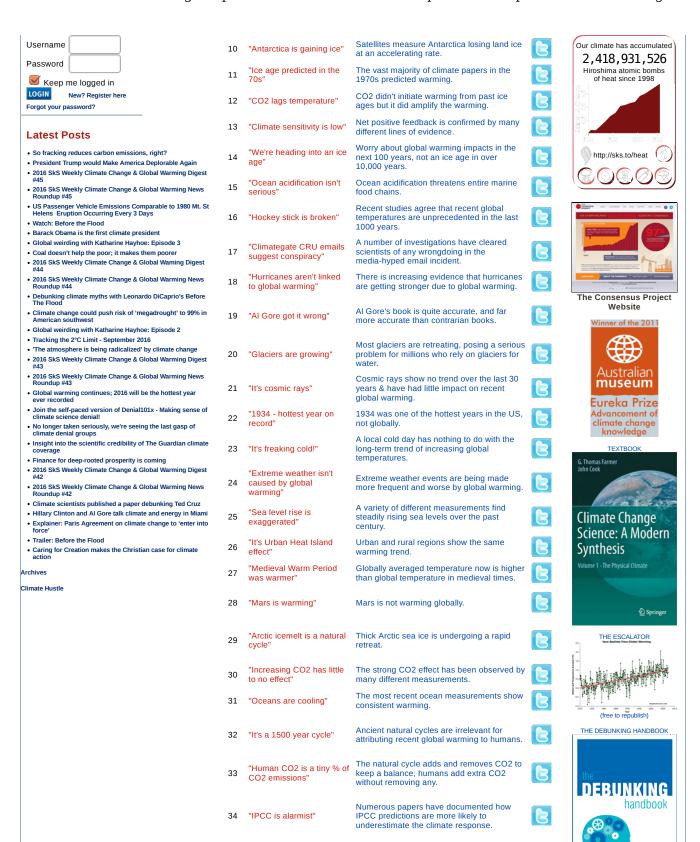


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Rising CO2 increases atmospheric water

vapor, which makes global warming much

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worse

"Water vapor is the most

powerful greenhouse gas'

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36	"Polar bear numbers are increasing"	Polar bears are in danger of extinction as well as many other species.	B	CLIMATE
37	"CO2 limits will harm the economy"	The benefits of a price on carbon outweigh the costs several times over.	B	CHANGE DENIAL Heads in the Sand
38	"It's not happening"	There are many lines of evidence indicating global warming is unequivocal.	B	
39	"Greenland was green"	Other parts of the earth got colder when Greenland got warmer.	B	HAYDN WASHINGTON and JOHN COOK
40	"Greenland is gaining ice"	Greenland on the whole is losing ice, as confirmed by satellite measurement.		The Scientific Guide to Global Warming Skepticism
41	"CO2 is not a pollutant"	Through its impacts on the climate, CO2 presents a danger to public health and welfare, and thus qualifies as an air pollutant	B	The Scientific Guide to Global Warming
42	"There's no empirical evidence"	There are multiple lines of direct observations that humans are causing global warming.	B	Skepticism
43	"CO2 is plant food"	The effects of enhanced CO2 on terrestrial plants are variable and complex and dependent on numerous factors	B	John Cook
44	"Other planets are warming"	Mars and Jupiter are not warming, and anyway the sun has recently been cooling slightly.	B	Smartphone Apps iPhone Android Nokia
45	"Arctic sea ice has recovered"	Thick arctic sea ice is in rapid retreat.		
46	"There's no correlation between CO2 and temperature"	There is long-term correlation between CO2 and global temperature; other effects are short-term.	B	
47	"We're coming out of the Little Ice Age"	Scientists have determined that the factors which caused the Little Ice Age cooling are not currently causing global warming	E	
48	"It cooled mid-century"	Mid-century cooling involved aerosols and is irrelevant for recent global warming.	B	
49	"Global warming stopped in 1998, 1995, 2002, 2007, 2010, ????"	Global temperature is still rising and 2010 was the hottest recorded.	B	
50	"CO2 was higher in the past"	When CO2 was higher in the past, the sun was cooler.	B	
51	"It warmed before 1940 when CO2 was low"	Early 20th century warming is due to several causes, including rising CO2.	B	
52	"Satellites show no warming in the troposphere"	The most recent satellite data show that the earth as a whole is warming.	B	
53	"it's aerosols"	Aerosols have been masking global warming, which would be worse otherwise.	B	
54	"2009-2010 winter saw record cold spells"	A cold day in Chicago in winter has nothing to do with the trend of global warming.	B	
55	"It's El Niño"	El Nino has no trend and so is not responsible for the trend of global warming.		
56	"Mt. Kilimanjaro's ice loss is due to land use"	Most glaciers are in rapid retreat worldwide, notwithstanding a few complicated cases.	B	
57	"It's not us"	Multiple sets of independent observations find a human fingerprint on climate change.	B	
58	"It's a natural cycle"	No known natural forcing fits the fingerprints of observed warming except anthropogenic greenhouse gases.	B	
59	"There's no tropospheric hot spot"	We see a clear "short-term hot spot" - there's various evidence for a "long-term hot spot".	B	

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Many thanks to Dr. Jan Dash, Director of the UU-UNO's Climate Portal for writing many of the one line responses in 'What the Science Says', with some edits by John Cook.

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