



















Add question

Why do flat-Earthers think the Earth is flat?

This question previously had details. They are now in a comment.

Michael Brenner

Studied Mechanical Engineering & Comparative Linguistics at Vienna University of Technology ·

Because of increasing and irrefutable evidence - in fact, none of the creators of the spinning space ball philosophy beginning with Copernicus presented any physical evidence, did any physical research, any experiments, any direct data collection, it was all a mathematical interpretation of the relative movements of celestial bodies, but as Einstein admitted:

"The struggle so violent in the early days of science between the views of Ptolemy and Copernicus would then be quite meaningless. Either coordinate system could be used with equal justification. The two sentences "the Sun is at rest and the earth moves" or "the Sun moves and the earth is at rest" would simply mean two different conventions concerning two different coordinate systems.

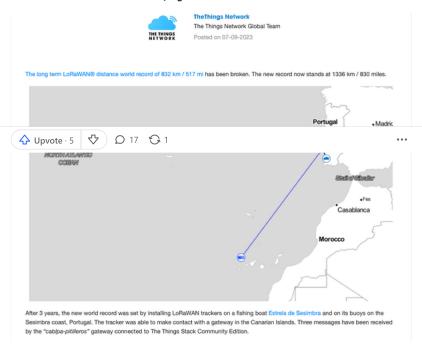
Copernicus was very much aware of that:

".....So far as hypotheses are concerned, let no one expect anything certain from **astronomy**, which cannot furnish it, lest he accept as the truth ideas conceived for another purpose, and depart from this study a greater fool than when he entered it. Farewell."

So, there is NO physical evidence to be gained from the skies that suggest earth is a spinning space ball, even Steven Hawking understood that:

Stephen Hawking 2007: "...to the question whether or not the motion of the Earth in space can be made perceptible in terrestrial experiments. We have already remarked... that all attempts of this nature led to a negative result...."

But there is more and more terrestrial evidence to the contrary: infrared photography shows objects at distances that would be completely impossible on a globe, and nowadays LoRa communications break *line of sight* records across 1300km:



This is direct line of sight at sea level, not bouncing off the ionosphere as globe defenders would be quick to infer:







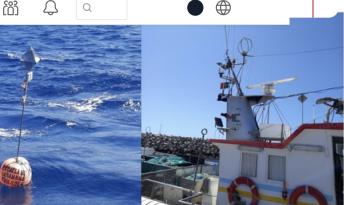












Nuno Cruz reports that the trackers were installed by the team of the Custodian project which is lead by Solvit and includes FIT/ISEL (where Nuno Cruz is a researcher), AirCentre DOCAPESCA, LOTAÇOR, NTNU, UAVISION and TERINOV. The project is funded by EEAGRANTS Blue Growth Programme.

The remarkable point of this record is that it is achieved at sea level. Reaching extended distances with LoRaWAN at sea level eliminates potential variables introduced by varying altitudes, providing a standardized and objective measure of the technology's capabilities. We do have to note that this is an exceptional achievement. The majority of The Things Stack-operated devices range between 25 and 100 meters (75-300 feet) from the gateway.

Then there is the "straight and level flight" pilots use all day long: very funny to observe how self employed pilots just shrug the notion of a globe off like "what curve, are you kidding me?" while employed pilots whose medical licence depends on parroting a curvature gospel get all bent outta shape here on Quora, posting expletive laced tirades against anyone touching their holy cow, the globe

Here's a flight instructor's view on that matter published in "New Scientist" August 1979

Infinity

The possibility of New Scientist having an infinite readership may be a publisher's dream, but it does not follow inevitably from publisher's dream, but it does not follow inevitably from the concept of an open Universe (Monitor, 28 June, p 1090). There is a flaw in Ellis and Bundrit's argument, namely in the premise that did be infinite. Although infinitely many subsets may be infinite of though infinitely many subsets may be infinitely and finite subsets are certainly possible. Taking the familiar example of the set of real numbers (infinite), one can infinite subsets are certainly possible. Taking the familiar example of the set of real numbers (infinite), one can infinite subsets the set of real numbers (infinite subsets) that also of any number of finite subsets (the numbers from 1 to 10, the numbers from 1 to 10, the numbers from 1 to 10, the numbers from 2 to 10 the number of finite subsets (the numbers is open or closed cannot be resolved by this argument; it may well be or programmer sitting in Zambia writing this letter! open and yet com-programmer sitting in Zambia writing this letter! Hanne Middlebrook Chingola Zambia

Motorway worms
The suggestion so often made
in recent years that birds
frequent motorways because
vibrations "cause the worm
population to surface"
(Letters, 2 August, p 389)
seems to me to be open to
doubts. In a letter to New
Scientist in 1970 (vol 47,
p 647) I asked just what the
motorway attraction for birds
could be, and I would put
two points to those who
answer this with the worm
take-away theory.

answer this with the worm take-away theory.
Although the sensitivity of worms to vibrations is well attested and the response of rapid emergence from soil often seen, the consequence of this must be either that worms should shun such worms should shun such unpleasant habitats altogether or would exist in these areas only in sparse populations as a result of their continuous surface surrender to waiting birds. Additionally, as my earlier letter mentioned, when traffic

Additionally, as my earlier letter mentioned, when traffi-density permits, eg early in the morning, it is on the motorway surface itself that the corvines in particular are seen to be pecking away in great numbers, and even bird brains will have learnt



Would examination of the crop contents of the unsuccessful avian traffic dodgers whose bodies are frequently seen at motorway edges tell us why birds choose to hang about there rather than stay in the fields?

A. G. J. Evans

Londo

How did the Soay sheep manage to turn into a rare breed of Welsh mountain sheep (13 July, p 191); Shetland breed, and was originally introduced to St. Kilda by the Norsemen several hundred years ago. I do not know how many exist now, but certainly there are some Soays at the Rare Breed Survival Centre at Guiting Power in the Cotswidds. K. Campin Tunbridge Wells

Earthly

Earthly
Andrew Hill ("Darwin rules—
OK?", 12 July, p 127) says
"... even in the Spectator,
such as the Say of the Say of

laws clearly secultative riving common-sense observation. The Sun and Moon move across the inner surface of this sphere, and hence perforce go around the Earth. This means that students of navigation must unlearn a lot of the confused dogma they learned in school. Most of

them find this remarkably easy, because dogma is as may be, but the real world is as we perceive it to be. If Andrew Hill will look in the Journal of Navigation he will find that the Earth-centred Universe is alive and well, whatever his readings of the Spectator may suggest.

Cellulose
Your interesting Monitor
article on the green turtle's
ability to digest cellulose
touches on the strange rarity
of cellulose-digesting systems
in animals. But isn't it too
sweeping to say that "No
animal possesses the enzyme
to digest it" (2 August,
p 366.)

to digest it "(2 August, p. 366.) Is it not that termites Is it not four families harbour cellulose-digesting protozoans (themselves animals), and that members of the *Iermitidae* even these, *Also, don't the herbivorous gastropods secrete cellulases?

E. H. O. Martin Nottingham

Aldermaston

Aldermaston
Perhaps the difficulties being experienced by AWRE
Aldermaston (2 August, 9 547) in recruiting suitable health physicists are not merely the result of suitable health physicists see their role as protectors of life and

atomic weapons. Robert Jones Pembroke College Oxford

Pembroke College Oxfor

Apology
We inadvertently omitted a section of Dr P. K. Bridges's letter about psychosurgery (2 August, p 350). It reads: P 1002, right column, line 10 on. Following surgery, our patients are temporarily incontinent only very rarely, a few elderly patients are disorientated for a time and none ever have difficulties with coordination. It would be more accurate to state that one ever have the state of the coordination of the coordination of the coordination. It would be more accurate to state that the coordination of the coordination of the coordination. It would be more accurate to state that the coordination. It would be more accurate to state that it is a state of the coordination. It would be more accurate to state that the third column (p 391) should be "emotions".



MOUNTAINDENE

Here's the text again: "One can of course believe anything one likes as long as the consequences of that belief are trivial, but when survival depends on belief, then it matters that beliefs correspond to manifest reality. We therefore teach navigators that the stars are fixed to the celestial sphere, which is centered on a fixed earth and around which it rotates in accordance with laws clearly deducible from common sense observation. The Sun and the



















d +h^ earth.

iearnea in school. Most of them fina this remarkably easy, because μogma is as it may be, but the real world is as we perceive it to be." (Royal Air Force College, in 'New Scientist', Aug.

NASA also calculates straight and level flights over a stationary earth:

"3 CONCLUDING REMARKS: This report derives and defines a set of linearized system matrices for a rigid aircraft of constant mass, flying in a stationary atmosphere over flat, non-rotating earth. Both generalized and standard linear system equations are derived $from\ nonlinear\ six-degree-of-freedom\ equations\ of\ motion\ and\ a\ \textit{large\ collection\ of}$ nonlinear observation (measurement) equations. (National Aeronautics and Space Edwards, California, January 8, 1987)"

These are NOT simplifications as often claimed, because leaving out the rotating part would make all these calculations completely worthless, and it also says that they are based on observations and measurements.

Also, all images showing a curved horizon from airborne vehicles are lens artefacts, not as seen by the persons posting these fake curves, something media darling deGrasse Tyson emphatically pointed out:



"You don't see the curvature of the Earth if you're 2mm above this beach ball! You just don't! That stuff is flat!"

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1 of 293 answers



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Add comment



Ewan Brown · Oct 4

"did any physical research, any experiments, any direct data collection, it was all a mathematical interpretation of the relative movements of celestial bodies" sorry, I got this far before I burst out laughing. You should really try to. It contradict y (more)



♦ 1 ♡

Michael Brenner 8 · Oct 4

Well, why not enlighten us about the experiments Copernicus, Kepler, Newton (and Einstein for that matter) did with regard to motion of massive bodies!



Ewan Brown I don't need to - You talked about them already - observing the movement of...



Mike Shellenberger Jr. · Oct 3

Not 1 shred of evidence proves that
is flat NONE. Is a PROVEN GLOBE AND SPACE IS REAL AND ENDLESS. STOP BELIEVING IN DEBUNKED CONSPIRACY THEORIES WITH ZERO EVIDENCE TO BACK UP YOUR CLAIMS ABOUT FLAT (more)

