

Alarmist Claim:

“Carbon Dioxide Traps Heat!”

Let's see what the data say



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Climate Alarmists tell us that more CO₂ in the air from using fossil fuels is “trapping heat like a blanket.”

They tell us that this increasing CO₂ is the reason temperatures have been increasing since the 1950s

Meteorology of the Upper Atmosphere teaches that CO₂ is well-mixed to 109 km high...

So, is the Alarmist claim of more CO₂ “trapping heat” true?

Graphics taken from Alarmist Katharine Hayhoe's video presentation, "Earthkeeping: A Climate for Change"

https://youtu.be/0HbbE74MrUc?list=PLZlaemZC4oceZ4MUIG5Aa_v0llzoiTTch

Burning coal, gas and oil
produces carbon dioxide



8:35 / 25:17



"This blanket is made up of heat-trapping gases like Carbon Dioxide."

If the CO₂ is well mixed around the globe from the surface to 109 kilometers, or 67.7 miles...

<there's no reason to doubt this>

... and if it traps heat like a blanket, then we should see it in distinctly rising temperature measurements.

What do the measurements say?

The answer might be in the newspapers...

So you think you're cold? How does 88 below zero sound?

Doyle Rice, USA TODAY

Published 11:27 a.m. ET Jan. 17, 2018 | Updated 12:39 p.m. ET Jan. 17, 2018



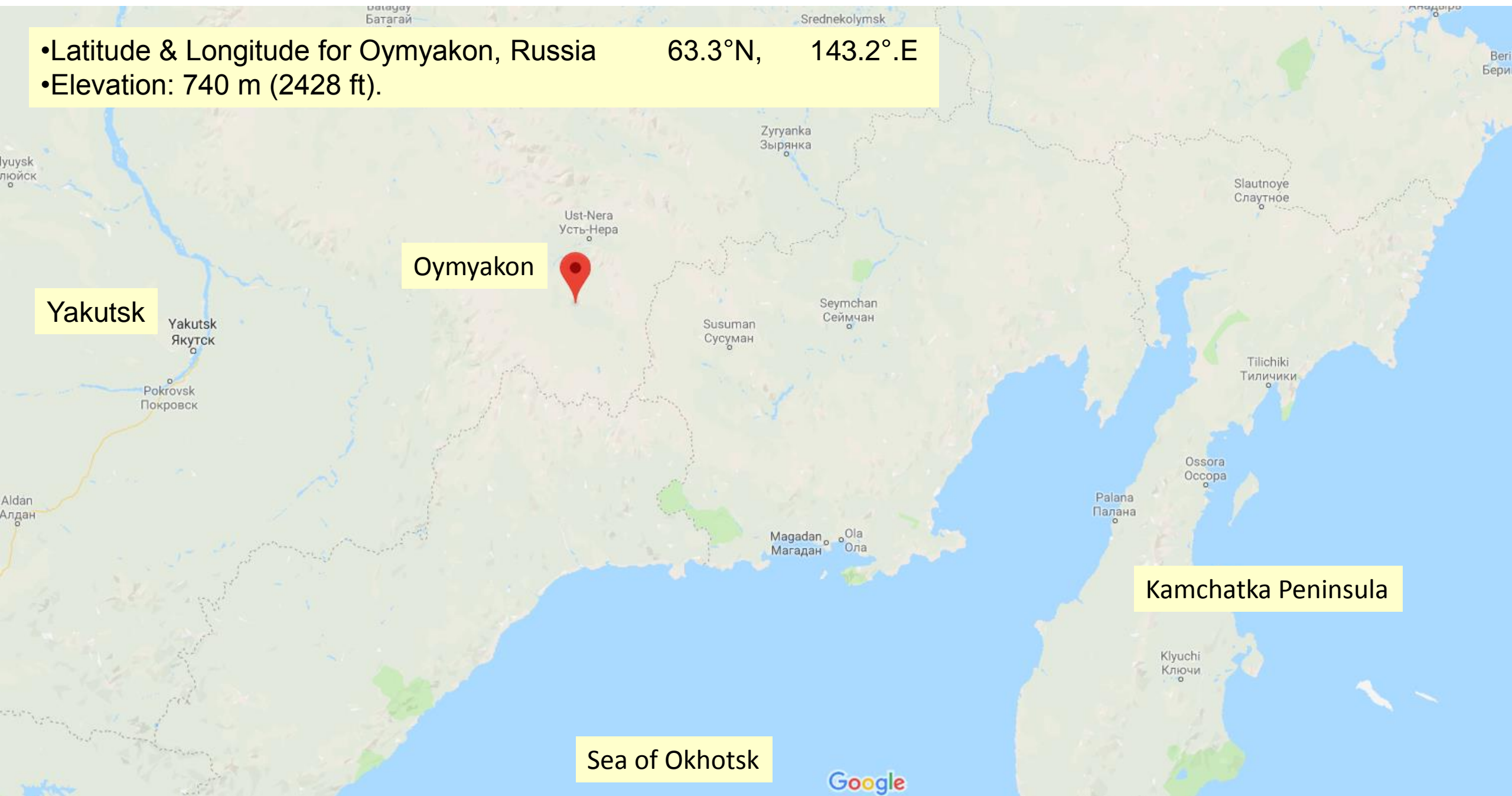
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There's cold, then there's Siberia cold.

Oymyakon, Russia — already considered the world's coldest permanently inhabited town — sank to a mind-numbing 88 degrees below zero on Tuesday.

That's even colder than the average temperature on Mars, which is 80 below zero, according to Space.com.

- Latitude & Longitude for Oymyakon, Russia 63.3°N, 143.2°E
- Elevation: 740 m (2428 ft).





This USA Today story shows that the claim that additional CO2 is trapping heat is false.

The heat escaped to space.

Either heat is not being trapped, or USA Today is reporting False News.

Anastasia Gruzdeva, left, poses for a selfie with her friends on Jan. 13, 2018, as the temperature dropped to about 58 degrees below zero in Yakutsk, Russia. (Photo: Anastasia Gruzdeva, AP)

“This isn’t far from 89.9 degrees below zero, the coldest-ever officially recorded for a permanently inhabited settlement anywhere in the world and the frostiest in the Northern Hemisphere.”

WUWT

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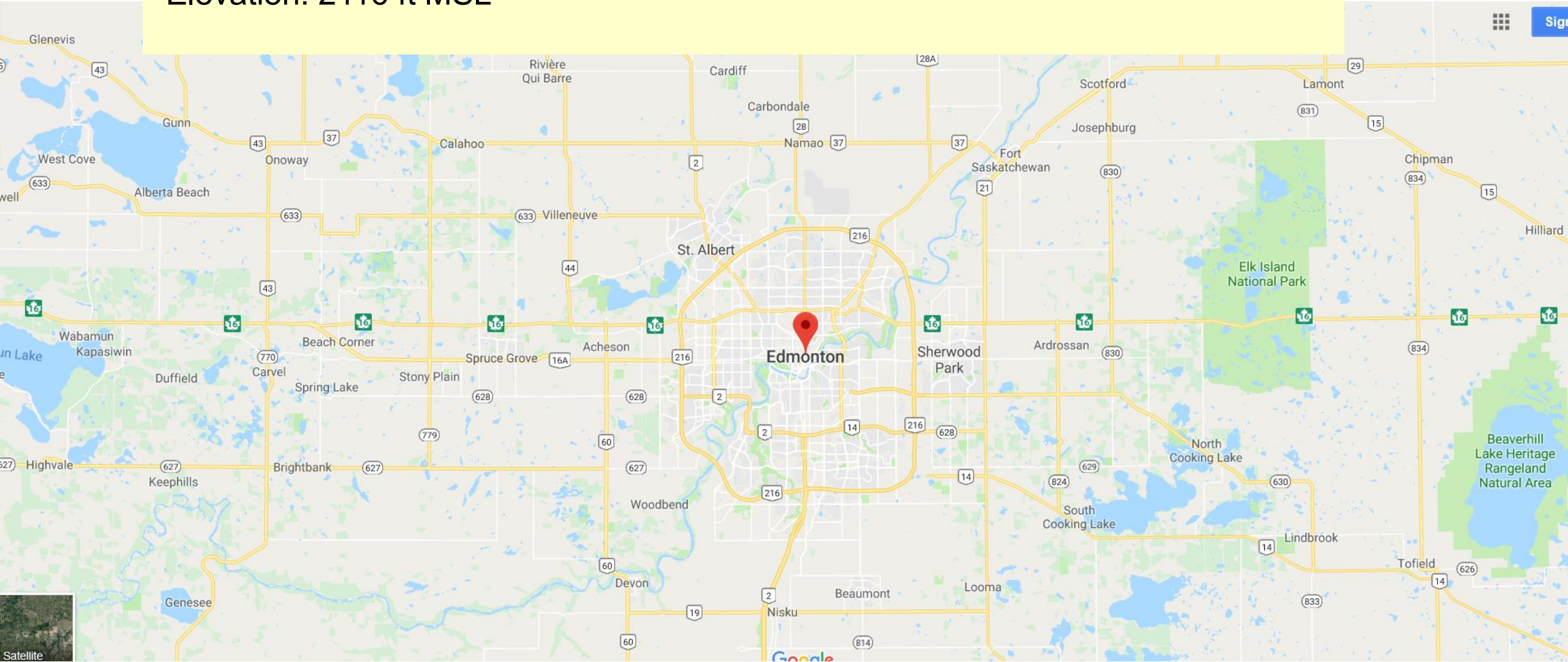
Edmonton Canada bests March 10th record low by -12 degrees, columnist questions climate situation

Anthony Watts / March 15, 2009

UPDATE: The author's (Lorne Gunter) claim of breaking the all time March record by -12 degrees is only partially correct. The phrase "smashing the previous March low" should have read "smashing the previous March **10th** low". Mr. Gunter erred in his statement.

The official all time March record Tmin occurred in 2003 and was -42.2°C details [here](#) from Environment Canada (Thanks to reader K Stricker for the link).

- Latitude & Longitude for Edmonton, Alberta, 53.54° N, 113.49° W
- Elevation: 2116 ft MSL



On 10 March 2009, Edmonton, Alberta and the entire region broke the all time minimum low temperature record for March by a whopping 12 degrees Celsius.



NEWS	OPINION	SPORTS	BUSINESS	ARTS	LIFE	CAREERS	OBITS	CLASSIFIEDS	DRIVING
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Global warming's no longer happening

So why are eco types moaning about record highs while ignoring record lows?

By Lorne Gunter, [The Edmonton Journal](#)

So far this month, at least 14 major weather stations in Alberta have recorded their lowest-ever March temperatures. I'm not talking about daily records; I mean they've recorded the lowest temperatures they've ever seen in the entire month of March since temperatures began being recorded in Alberta in the 1880s.

This past Tuesday, Edmonton International Airport reported an overnight low of -41.5 C, smashing the previous March low of -29.4 C set in 1975. Records just don't fall by that much, but the airport's did. Records are usually broken fractions of degrees. The International's was exceeded by 12 degrees.



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Edmonton shatters cold record

CIGDEM ILTAN, EDMONTONJOURNAL.COM 12.14.2009 |



EDMONTON — Edmonton's weather boasted two dubious distinctions Sunday: it was colder here than anywhere else in North America and it marked the coldest Dec. 13 in the city's history.

Environment Canada recorded a frigid minus 46.1 C, or minus 58.4 C with the wind chill, at the Edmonton International Airport at 5 a.m., said meteorologist Pierre Lessard.

The old record of minus 36.1 C was set last year. "To break a temperature by 10 degrees is very exceptional," said Lessard.

The temperature record from Edmonton's city centre was also broken Sunday, said meteorologist John McIntyre.

In March 2009 and again in December 2009. Edmonton, Alberta broke the record low for the date.

The 12 March 2009 event broke the extant record by 12C or a full 20F.

According to the Edmonton Journal writer, “Records are usually broken fractions of degrees. The International’s was exceeded by 12 degrees.”

This record was set at Edmonton’s International Airport.

Many times airports tend to be warmer than their surroundings because of the presence of concrete, tarmac, aircraft, and airport structures.

It’s obvious that the old record was smashed decisively by the cold conditions

It is also obvious that claims more CO2 is trapping heat are false.

The temperature observation itself shows “the CO2 blanket effect“ is vanishingly small.