


# Climate Change: Grand Solar Minimum May Bring Global Cool-down

 [thenewamerican.com/tech/environment/item/34804-climate-change-grand-solar-minimum-may-bring-global-cool-](https://www.thenewamerican.com/tech/environment/item/34804-climate-change-grand-solar-minimum-may-bring-global-cool-down)

By James Murphy

## Climate Change: Grand Solar Minimum May Bring Global Cool-down

As globalists and their media advocates continue to propagandize apocalyptically about climate change and so-called anthropogenic global warming, some scientists are warning that another type of climate change is on its way. Earth may be in for conditions similar to the Little Ice Age, as it seems that the Sun is entering a prolonged solar minimum according to a prominent scientist.

Dr. Valentina Zharkova, a professor of mathematics at Northumbria University in Newcastle, England, who also has a doctorate in astrophysics, is warning of a coming Grand Solar Minimum (GSM), similar to the Maunder Minimum that occurred from the mid-16th century until the early 17th century and coincided with a time on Earth known as the Little Ice Age.

“The Sun is approaching a hibernation period,” said Professor Zharkova. “Less sunspots will be formed on the solar surface and thus less energy and radiation will be emitted toward the planets and Earth.”

“But this is only the start of GSM,” Zharkova stressed. “there is more to come in the next 33 years.”

While solar minima are part of the natural 11-year solar cycle, scientists have observed that approximately every 400 years, the Sun enters a phase of deep and extended minima that can last for decades. There are now multiple warning signs that such an extended solar minimum is on its way.

A UC-San Diego study in late 2017 conducted by Dr. Dan Lubin, a research physicist at Scripps Institute of Oceanography, also predicted that a prolonged period of solar minima was imminent.

From the study: “Over the past decade there has been increasing realization and concern that the steady and high solar luminosity of the past century may transition to greater variability later this century. Specifically, the Sun may descend into a period of low magnetic activity analogous to the historical Maunder Minimum.”

Also, in 2018, NASA's Langley Research Center reported that its SABER (Sounding of the Atmosphere using Broadband Emission Radiometry) instrument aboard its TIMED (Thermosphere, Ionosphere, Mesosphere, Energetics and Dynamics) satellite confirmed that the Earth's thermosphere was cooling significantly, signaling solar minimum.

“The thermosphere always cools off during Solar Minimum,” said Martin Mlynczak, one of SABER's principal investigators. “It's one of the most important ways the solar cycle affects our

planet.”

So, Zharkova isn't out on a limb saying that the Earth can expect lower solar output for a few decades. Nevertheless, that doesn't stop the climate-hysteric community from attacking her conclusions. Climate scientists — so called — like to dismiss the work of Zharkova and even the influence of solar activity on the climate. Media commonly dismisses warnings of a possible GSM as a “conservative myth.”

One solar scientist, Matthew Owens from the University of Reading, believes that any cooling effect of a GSM will be “vastly offset” by anthropogenic global warming: “Thus, there will probably be no detectable effect [from a GSM] on global climate.”

Zharkova, however, believes that a prolonged GSM would have profound effects on the Earth's climate — man-made global warming or not. Not only would global temperature drop, but agricultural seasons could be shorter for several decades. “We can only hope that the mini ice age will not be as severe as it was during the Maunder minimum,” Zharkova said.

“This would dramatically effect food harvests in middle latitudes, because the vegetables and fruits will not have enough time for harvesting.”

Those shorter growing seasons could lead to famine, according to Zharkova. “So it could lead to a food deficit for people and animals, as we have seen in the past couple of years when the snow in Spain and Greece in April and May demolished the veggie fields, and the UK had a deficit of broccoli, and other fruits and veggies.”

But the warnings from Zharkova and other Sun experts that a GSM is here are being studiously ignored by the mainstream media. If mentioned at all, the warnings are ultimately poo-pooed by an army of climate hysterics who claim that she doesn't know what she's talking about. Zharkova isn't even a climate-change skeptic. She has said in the past that any hiatus in global warming brought on by solar minimum only gives us a little more time to deal with the so-called problem of global warming.

“I hope global warming will be overridden by this effect, giving humankind and the Earth thirty years to sort out our pollution,” Zharkova said in 2017. “We have to be sorted out by that time and prepare everything on Earth for the next big solar activity.”

Still, her science must be denounced by the climate-hysteric mob because it doesn't agree with their apocalyptic visions and their political agenda.

*Image: MATJAZ SLANIC via iStock / Getty Images Plus*

*James Murphy is a freelance journalist who writes on a variety of subjects, with a primary focus on the ongoing anthropogenic climate-change hoax and cultural issues. He can be reached at [This email address is being protected from spambots. You need JavaScript enabled to view it.](mailto:This email address is being protected from spambots. You need JavaScript enabled to view it.)*