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## Your opinions

### Climate predictive models have failed

In the Dec. 4 Sun-News, Dr. G. Thomas Farmer, PhD says that we shouldn't ignore results of the latest UN Intergovernmental Panel Climate Change report, in particular General Circulation Models, which he says have been extensively tested, and in this regard he is absolutely correct.

I have been a user of computer predictions of the future state of the atmosphere as student and as operational forecaster since 1963, with experience in their use readers and Farmer might appreciate.

Climate predictive models have stunningly failed to predict current temperatures; to see how poorly, Google (Roy Spencer Senate EPW Testimony 2013,) scroll down to "73 model results," and observe how badly they perform.

Model predictions are colored lines; measurements by weather balloons and satellites on the bottom show the absolutely awful model predictions.

Another facet of climate predictions shows how well climate predictions perform in the real world; specifically, the May, 2013 Atlantic Hurricane Season Forecast prediction of "a well above-average to hyperactive hurricane season."

Result: a spectacular forecast bust with only two short-lived Category 1 hurricanes; Humberto and Ingrid were hurricane strength for fewer than 48 hours each, lowest number of hurricanes since 1982.

This year no hurricanes reached "major" hurricane strength, first time this happened since 1994.

Examination of the record shows no increase in hurricane numbers or strengths.

When the 2014 hurricane sea-

son starts, it will have been 3,142 days since a Category 3 or stronger storm has hit the USA, longest such stretch since 1900 AD.

Dr. G Thomas Farmer, PhD, will likely call me, and others skeptical of the global warming agenda, "deniers," but poor model performance is there for anyone with curiosity to examine.

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