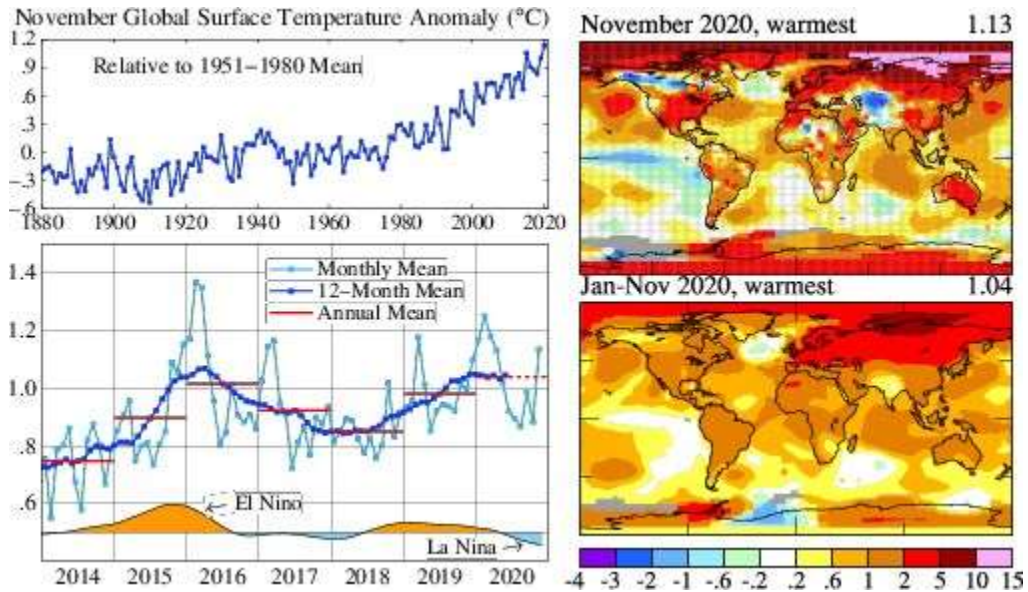


## Facebook Posts Not Tweeted

December 14, 2020

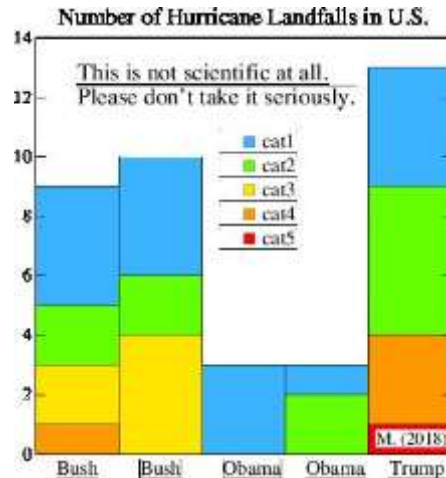
Although La Nina is getting stronger, both November 2020 and Jan-Nov 2020 had record highs. 2020 will most likely be the warmest year on record (since 1880). The Arctic region was extremely warm, melting sea ice.



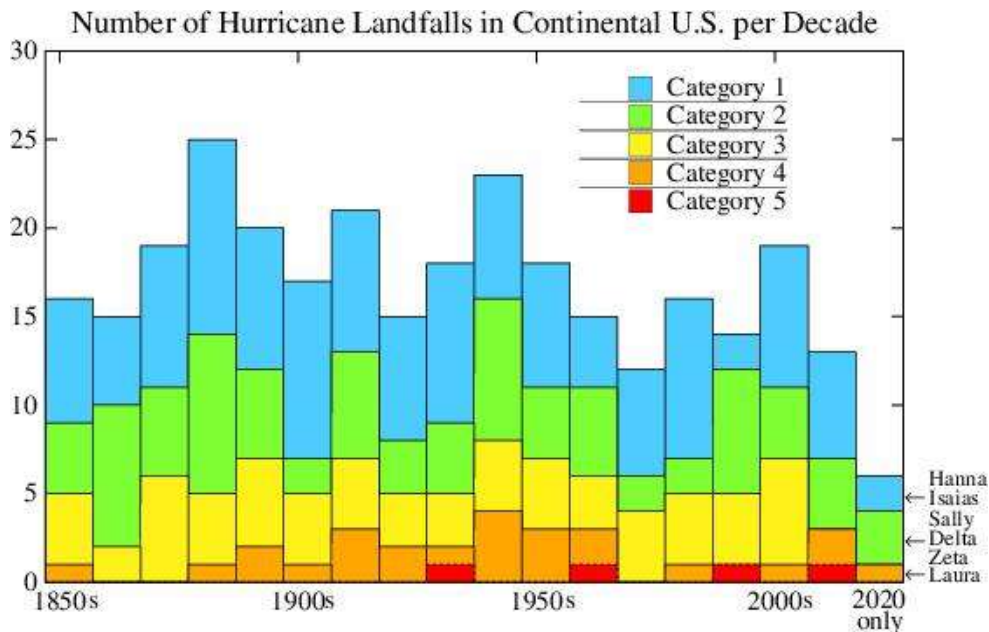
November 30, 2020

Part 2, but just for fun. Hurricane Michael made a landfall in Florida in October 2018, but 'I'm not sure I've even heard of a category 5' says Donald Trump in September 2019.

<https://www.youtube.com/watch?v=DVB6fqr4SFI>



2020 Atlantic hurricane season ends today. As Tony DelGenio pointed out a few months ago, this (one year, U.S. only numbers compared to the old times with no good observations) may not mean anything. I am just showing that we had many this year, thinking of many people who lost their houses and are suffering even now, hidden by the election and pandemic news.



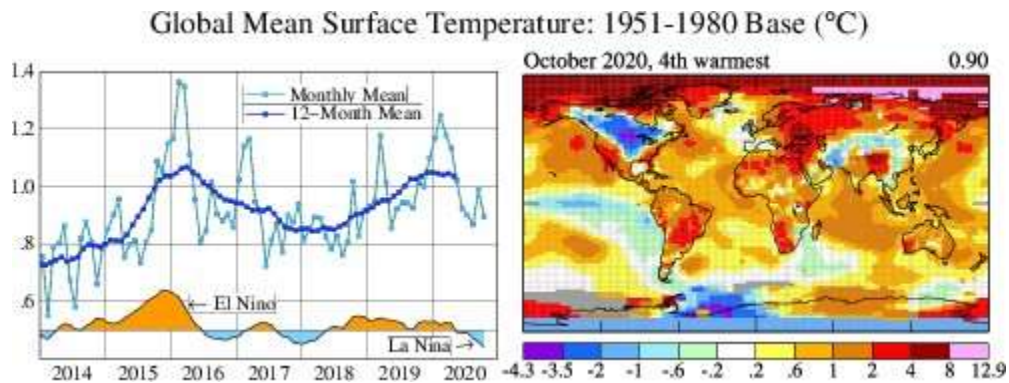
**November 15, 2020**

Tony DelGenio, I never ate a "Murder Hornet" in Japan. Here is a photo of a blue bee a Japanese friend of mine sent me last night saying her husband took it and it brings happiness.



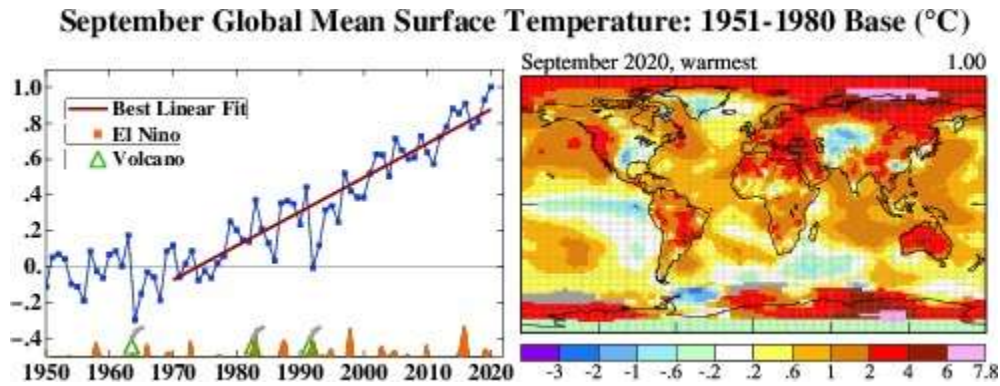
**November 13, 2020**

October 2020 was the 4th warmest October since reliable global temperature data started in 1880, but the La Nina is getting stronger, so the globe will probably get cooler for next several months. Locally it is difficult to predict whether we will have a warm or cold winter. In October it was extremely cold in the central Canada/U.S. while it was very hot in California and Arizona.



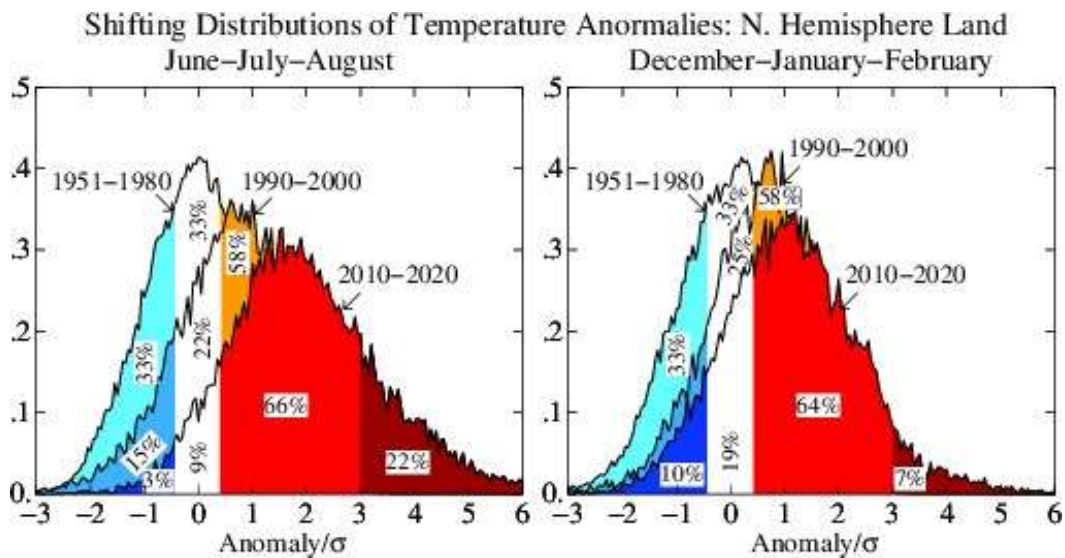
## October 14, 2020

Was it warm in September? Not so much in NYC, but globally it was the warmest September since reliable global temperature data began in 1880. It was 1.00C warmer than the 1951-1980 mean or 1.25C warmer than the pre-industrial level.



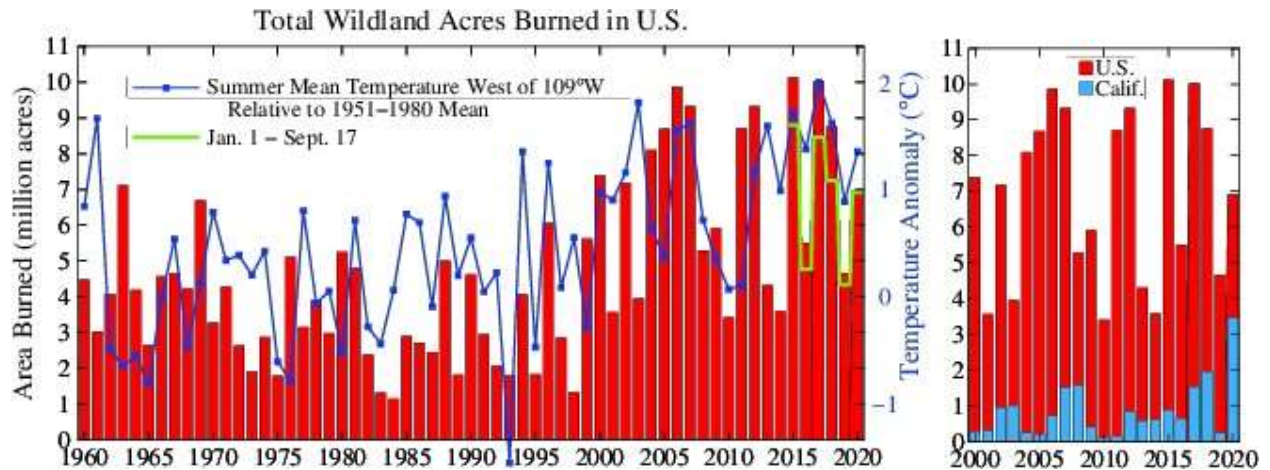
## September 25, 2020

Don't you think we have more numbers of hot summers and warm winters than when we were young? This figure is a little complicated (at least to make), but I hope you can tell that we are getting a larger chance of hot summers and warm winters.



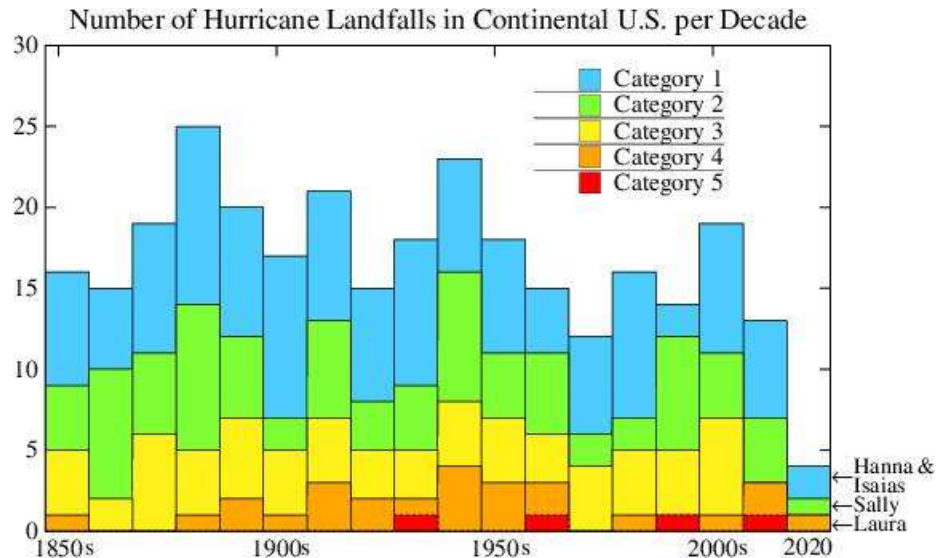
**September 18, 2020**

I don't know how reliable the data in the early years are, but anyway I plotted the number of acres burned and the summer temperature anomalies in the Western U.S. Correlations? Please judge yourself. Year 2020 is not too special so far, but then why are they talking about it on TV everyday? I think it is because California is burning! P.S. Yuk's house is only a mile away from Bobcat Fire, but he is planning to go home Monday.



**September 16, 2020**

Don't you think too many hurricanes are visiting the U.S. this year? Each bar in this figure is for 10 years, but the last bar is only for 2020 and it may grow more by the end of the year.





**September 14, 2020**

[Anthony Delgenio](#), [Mike Fraietta](#): Mike do you know Yuk Yung of Caltech? He lives in a nice house on a hill side, NE of Pasadena, He had to evacuate yesterday, and this is a photo he took before leaving home. It is very scary!



**July 22**

[Mike Fraietta](#) Makoto went to Tarrytown again on Monday and took several photos of NEOWISE, and I edited one of them so that you can see it better.

