Global Atmospheric Shift: Algeria Emerges as a New Bread Basket

Data concerning the top 25 years with the most Sun-Spotless days since 1849 reveals that 2019 in the number 3 slot, even if the 2019 data is not yet included in the data shown below. The 1897 has just been eclipsed, no pun intended.
As the Grand Solar Minimum intensifies, forecasts for a falloff in global temperatures as solar activity continues to a 400-year low is taking place reducing crop yields through the continents.

Jet streams and cloud cells are starting to shift because of the weakening magnetosphere and the polar wander phenomenon has been speeding up as of late. Since this is multi-century cycle where the Intertropical Convergence Zone (ICTZ) is going to shift. We already see areas across the planet where it is going to become wetter or dryer, which can be confidently predicted based on the past six Grand Solar Minima.
We already see signs in the skies, such as changing vortex winds. It should be noted that when jet streams or cloud cells collide, they move to new places. This is exactly what happened during the formation of a rare tornado at 4,023 meters, or 13,200 feet above sea level in the mountains of Bolivia. This is the highest altitude tornado EVER RECORDED.

This rare tornado hit the area near El Alto International Airport in December 8th.
El Alto is near a large lake to the west, Lake Titicaca. This gives a good indication where it is on the west coast of South America.

Then there is also these strange water spouts in Indonesia. These types of tornado or water spouts are not normally seen along the equator like this, so this is another rare event.
Freak storms with several instances of strange precipitation, such as a month's worth of rain in Brisbane; a month's worth of rain in an hour, in Brazil; a years’ worth of rain in 48 hours in Djibouti; and a months’ worth of rain, in a day, in northern and central England.

These seem to be some kind of copy/paste climate events. These were considered rare events before, but are becoming common. These four recent events happened within the span of 30 days. When I starting to discuss these things in 2014 on my social media platforms, this was a once every 6 months is kind of a headline. Now, it has become 4 or 5 times per month. There has definitely been an uptick in the precipitation anomalies.
As for the vortices, there was a severe storm outbreak with 37 tornadoes on December 17, 2019. Question; how many tornadoes are generally experienced in the United States in December? Because to me 37 tornadoes seem to be a lot, especially that the season is going into the coldest part of the year.

Joey M. Marino
@WxJmar93

Here are the storm reports from yesterday's severe weather outbreak in the deep south. 37 tornado reports have been submitted so far. More to follow as the @NWS conducts surveys. #LAwx #MSwx #ALwx #TNwx @MyStateline
Although, it was Gulf moisture colliding with cool Arctic air at that time, but still, 27 tornadoes is the average in December over 25-years, which means that the recent single event eclipsed the record.

Even in 2018, there were 27 tornadoes for the entire month in Illinois in just a single storm session. If you look at the top five tornado outbreaks included 2015 and 2010 it is interesting because these extreme events are starting to pile up within the last few years.
So in order to get a good glimpse of the true totals over time, I looked in the 1910s, 1920s and 1930s, instead of a risk of looking at possibly altered data. I found this PDF about tornado occurrences in the US from 1913 to 1960. According to the records, in 1957 the number two position had 21 tornadoes in Illinois alone, with a total of 38 tornadoes for the month. This means that we really need to go back in time, literally, like in the 1950s to find these types of tornadic outbreaks that are well above the averages.

**Tornado Occurrences in the United States**

WASHINGTON, D.C.

Revised 1960

Table 3.--NUMBER OF TORNADOES, DAYS, DEATHS, AND DAMAGE FOR UNITED STATES BY MONTHS FOR YEARS, 1916-58 (Continued)

<table>
<thead>
<tr>
<th>Year</th>
<th>October</th>
<th>November</th>
<th>December</th>
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<tbody>
<tr>
<td></td>
<td>Num-ber</td>
<td>Days</td>
<td>Deaths</td>
</tr>
<tr>
<td>1953</td>
<td>6</td>
<td>4</td>
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</tr>
<tr>
<td>1954</td>
<td>15</td>
<td>8</td>
<td>2</td>
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<tr>
<td>1955</td>
<td>23</td>
<td>7</td>
<td>1</td>
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<tr>
<td>1956</td>
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<td>8</td>
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<tr>
<td>1957</td>
<td>17</td>
<td>11</td>
<td>2</td>
</tr>
<tr>
<td>1958</td>
<td>9</td>
<td>6</td>
<td>4</td>
</tr>
</tbody>
</table>

The graphic shown below is included in the PDF as well, so I encourage you to take a look at the linked file found at the end of this article, for you to see how much more professional they were then in their reports than they are now. All the months are listed according to where the winds were flowing, and where the tornadoes had touched down.
Average number of tornados by month in the U.S is shown in this graph. 27 were recorded in December, but it looks like there is a little uptick in January.

A list of the largest winter tornado outbreaks can also be found on the web, but this is a little strange, for me. They counted some of the same tornadoes that came down multiple times, and that is supposed to be the same tornado that lifted off and then came back.

So, in here, much higher totals were recorded. It also seems like they did not update this record to include the 2019, 2018, and the 2015 outbreaks. As can be seen, the second position includes records in 2008. There was also the 2011 record, but without 2015, 2018 and 2019.
You can clearly see that there has been a lot of activity in our atmosphere over the last decade that further increased, not only in number of events, but in intensity as well.

Another example that can be talked about are these Medicanes, or the Mediterranean Hurricane, that are supposed to be rare, but are now frequent. We have had two Medicanes in just a single month, and both of those landed in North Africa.

This was how the storm front looked in Algeria as Medicane Trudy made landfall and later in the month Medicane Scott over Egypt.
Shortly before that, Medicane Scott made landfall in Egypt. The result of the precipitation is record grain production and blooming of deserts and mountains in those areas, which are out of the ordinary in arid lands.
During the landfall of the Medicane in Egypt, a cyclone rolled in over Oman from the Arabian Sea. This is just one of the unusual cyclones that Oman and Yemen has seen these last couple of years.

(BELOW) Mammatus cloud formations in Algeria.

An amazing capture of mammatus cloud formations, as seen yesterday over Algeria.

Photo sent to us by Bob Alem. Posted with permission.

The contours of the storm as it lands can be seen clearly upon closer look; and had brought 15-foot waves in the Mediterranean.

Medicane "Trudy" (Detlef, Bernardo) makes landfall in Algeria

Posted by Julie Celestial on November 12, 2019 at 12:31 UTC (1 month ago)
Categories: Cyclones, Featured articles
With the increasing precipitation Northern African nations are seeing record crop production in these areas.
I understand that this is from mid-November, before winter, but this is in Algeria and North Africa, so they should not get that much of snowfall. But as shown in some of these images, heavy snowfall pervaded in Algeria in early November. It’s a progression in a cycle.

Heavy snowfall blocks multiple major roads in Algeria

Posted by Julie Celestial on November 14, 2019 at 00:47 UTC (1 month ago)
Categories: Ice & snow, Newsflash, Severe storms

This continued to progress as more and more rainfall came down. The good thing is, they're having record grain production in Algeria and Tunisia.
Remember the incredibly rare Saharan snowstorm. This event happens once in a 50-year event, but now, it was experienced during the winner of 2016-2017, the same snowfall event in the same location occurred again in the winter of 2017-2018.

**Snow covers northern Algeria's desert for the second winter in a row**

Posted by Teo Blašković on January 8, 2018 at 23:38 UTC (1 year ago)
Categories: Earth changes, Editors' picks, Ice & snow

Then recently, another heavy snowfall during the winter of 2018-2019. Does this make you wonder as well?
On a more serious note, with all these climatic shifting, what is going to happen when food prices rise? I think we should learn from what is happening in Iran. They had 3x increase in fuel taxes, which sent the country ablaze that even the rough and tough military they have could not control.

The angry crowds were uncontrollable so they had to cut the Internet. What is going to happen when it is their food price that is rising?

This is why I like the idea of sharing tips on how we can improve agriculture during the Grand Solar Minimum, reframed by the corporate media as global climate change. This way, unnecessary panic can be prevented, especially when you understand that this is a multi-decade event and there's nothing you can do about it. This is not going to go away no matter how much global taxes you pay.

It comes down to us, the people, to be more innovative in our solutions. They were able to come up with ideas to grow citrus in Nebraska in the middle of winter, so we should be able to come up with ingenious solutions as well.
Farm Futures @FarmFutures · 1h
How can you help reduce global climate change?
Breeder's Journal: There are things farmers can do that would make a difference.
farmprogress.com/management/how... #ClimateChange #farm #agriculture

Citrus
In The Snow

"He proved the professors wrong."
The greenhouse in the snow with virtually no heating or cooling costs, and you can duplicate it anywhere in the world!

By Russ Finch
China and the EU’s unified defense forces are vying for what was the Roman grain growing area of North Africa. Obviously, this is a solution to bring this area online by using underground water sources, such as tapping the primary water from Libya, and putting out canal systems to get two full grow seasons out of it, and be able to turn that into a new breadbasket.

This is also why there’s so much interest in North Africa. The rain patterns are increasing there, resulting to increased grain production, so now, the investment increases in the area.

Looking back through history is a solution as well, when we look back we find a stone art that is almost the same as what was seen in Chaco Canyon, also seen in Tassili National Park in Algeria.

Prof Susan Oosthuizen @DrSueOosthuizen · Dec 14
#LandscapesTheyKnew A prehistoric antelope waking up to the weekend - carved into the rock 12,000-6,000 years ago at Algeria’s Tassili n Ajjer National Park (photo Wiki; more detail via) africanrockart.org/wp-content/upl...
This area has been inhabited since the last interglacial, 108,000-115,000 years ago, which means that people have survived in that same area, indicating that is a place where the rains will return. That part of Africa used to be a Savanna 7,000 years ago, with animals and forests. That was only 7,000 years ago, can you imagine back to the last interglacial?

This brings me to the Richat structure where N. African deserts seems to have enormous amount of ruins, out of place buildings and unusual geologic phenomenon. You might be familiar with the Richat structure, but I have never seen images of it at night. This image is from night viewer in NASA.
Talking to David Stig Hansen, who runs 20 years in Taiwan, sparked my interest about looking at the Richat structure. He has gone very deep into analyzing and searching the desert for anomalous ruins, water canals, or what seemed to be abandoned habitation.

He has an entire playlist of content about this, so if you are into this kind of information, hidden history, you might want to take a look at his work.

Thanks for reading, I hope you got something out of the article. If you like more content like this, I produce the tri-weekly Mini Ice Age Conversations podcast of a 30-minute in-depth analysis on the GSM you can take on the go through out your day.

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NEW ADAPT 2030 Climate Revolution
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For the ADAPT 2030 Grand Solar Minimum newsletter jump over to Oilseedcrops.org where you can enter your email and sign up. Move your mouse around for about 10 seconds and this box will pop up.

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