

Media Begins to Explain Earth's Changing Atmosphere



As expected, the media are starting to drip feed information about all these changes in our climate and their relation to the Sun's activity state. Researchers are starting to find patterns associated with extreme floods, so they are now finally admitting that this is a pattern, and as we know, if these events follow a pattern or a cycle, then it is not CO₂-induced.

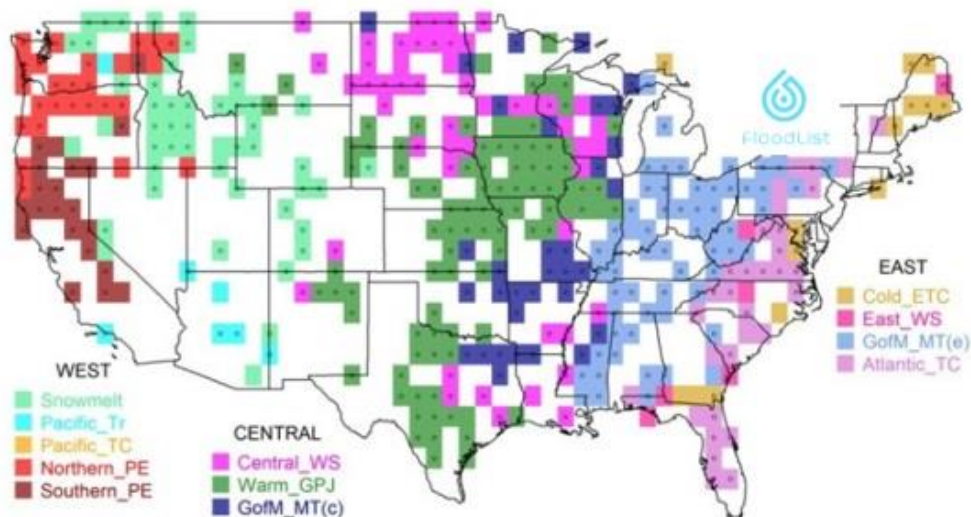
USA – Researchers Find Patterns Associated With Extreme Floods

14 MAY, 2019

Extreme floods across the continental United States are associated with four broad atmospheric patterns, a machine-learning based analysis of extreme floods found.

Researchers analyzed relatively rare floods in the United States, using a machine-learning algorithm to place the floods into groups based on atmospheric patterns that happen at the same time. They found that tropical moisture exports, tropical cyclones, low-pressure systems and melting snow are the primary patterns associated with extreme floods.

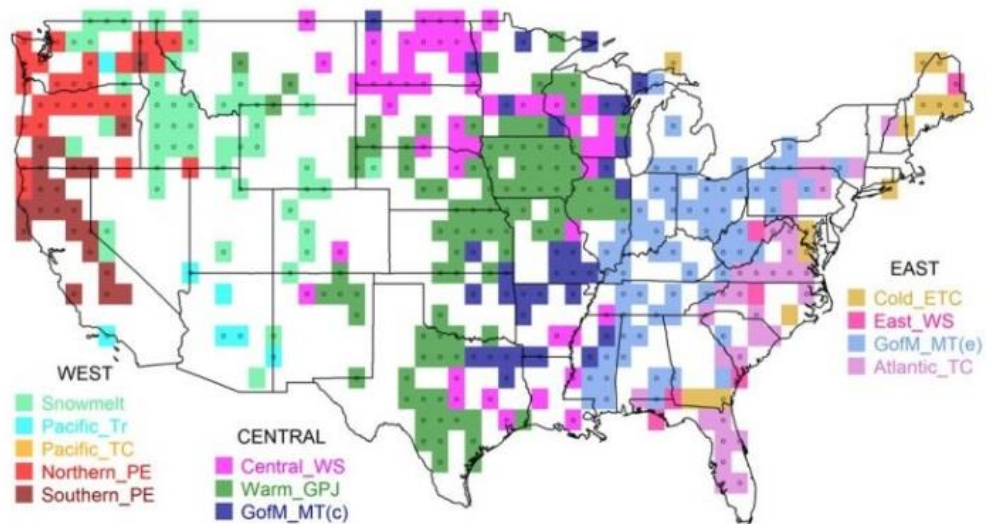
(b) Spatial Domain where each Pattern is Dominant



In this chart, Spatial Domain shows where each Pattern is Dominant, where researchers found cyclical activity in atmospheric flows that creates extreme floods; and even pinpoint which is an El Niño or a La Niña event.

Such events are not CO₂ driven events but are natural cycles. This type of information is skipped by a lot of people or featured in national newspapers so you have to purposely seek it out online.

(b) Spatial Domain where each Pattern is Dominant



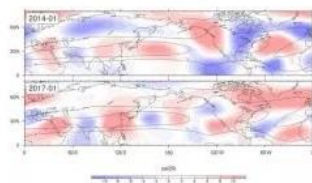
The most prominent atmospheric pattern for each grid cell is indicated by color on the map. White areas indicate insufficient data. Credit: University of Alabama

Some related articles are shown below. This article on “Scientists Link California Droughts and Floods to Distinctive Atmospheric Waves” shows that the event is a cycle; while the articles, “Study Finds More Extreme Storms Ahead for California” and “New Scale to Characterize Strength and Impacts of ARC Storms” indicate that the storms are intensifying.

I have written about this new classification of ARC storms before, which is at a 5+-level. They are therefore aware that the intensity of ARC storms is going to increase based on the intensification of the Grand Solar Minimum and the way Earth’s jet streams are bending and colliding in the atmosphere.

I think, they are somewhat preparing your minds for these changes, because they knew that a Grand Solar Minimum visits once every 400 years. So, this is their way of telling you that we are in ‘it’ again, and things are going to amplify.

Related



Scientists Link California Droughts and Floods to Distinctive Atmospheric Waves
11 April, 2017



Study Finds More Extreme Storms Ahead for California
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New Scale to Characterize Strength and Impacts of Atmospheric River Storms
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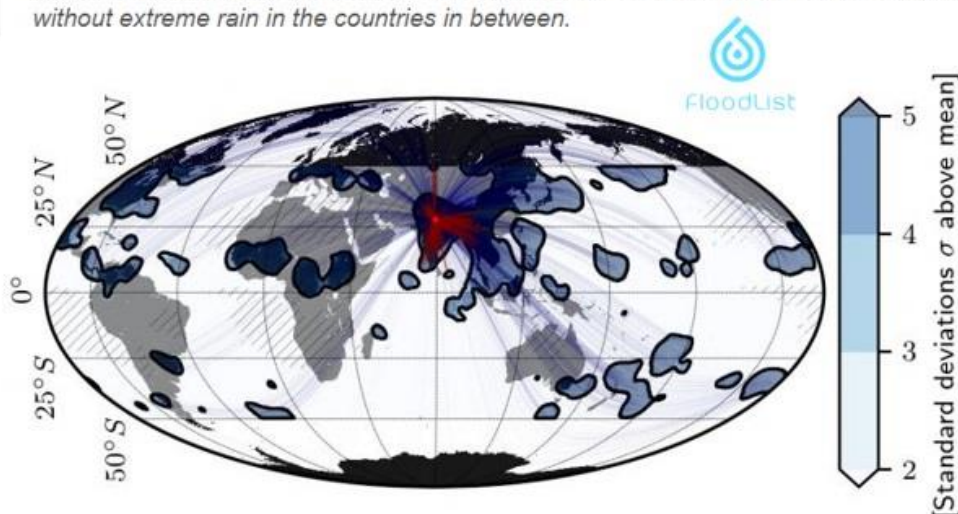
Interestingly, this article from January 2019 seems to warn us that “As a butterfly's wings, this will cause a typhoon on the other side of the planet” or something very similar. Remember that global patterns of extreme rainfall are linked to each other through the atmosphere, not overland. So, if we are seeing extreme atmospheric changes, we would also see extreme rainfall, hail, and wind events.

Research Reveals Large Scale Global Patterns of Extreme Rainfall

31 JANUARY, 2019

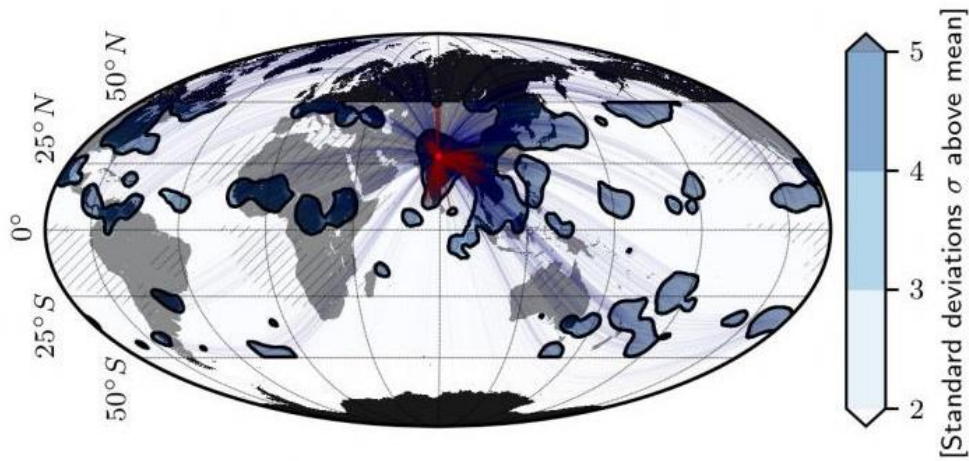
An analysis of satellite data has revealed **global patterns of extreme rainfall**, which could lead to better forecasts and more accurate climate models.

*These **patterns connect through the atmosphere rather than over land** – for example, extreme rainfall in Europe can precede extreme rainfall in India by around five days, without extreme rain in the countries in between.*



Somehow, they are linking everything back to central India and are saying that five days in advance of extreme rainfalls can be predicted in different countries, depending on the atmospheric flows, which are expected to go out of flow.

These articles are also informing you to anticipate another changes as explained by this chart below. Notice that they are no longer calling it ‘rainfall events’, but ‘extreme rainfall events’, to prepare you for any extreme events to come, like these extreme rainfalls that we are seeing now.



For extreme rainfall events in Northern India (red diamond), the red lines show local weather patterns, and the blue lines show global patterns linking extreme rainfall events represented by the blue shapes. In particular, the blue shapes over Europe indicate that extreme rainfall in Northern India can be predicted from preceding events in Europe. Credit: Boers et al. 2019

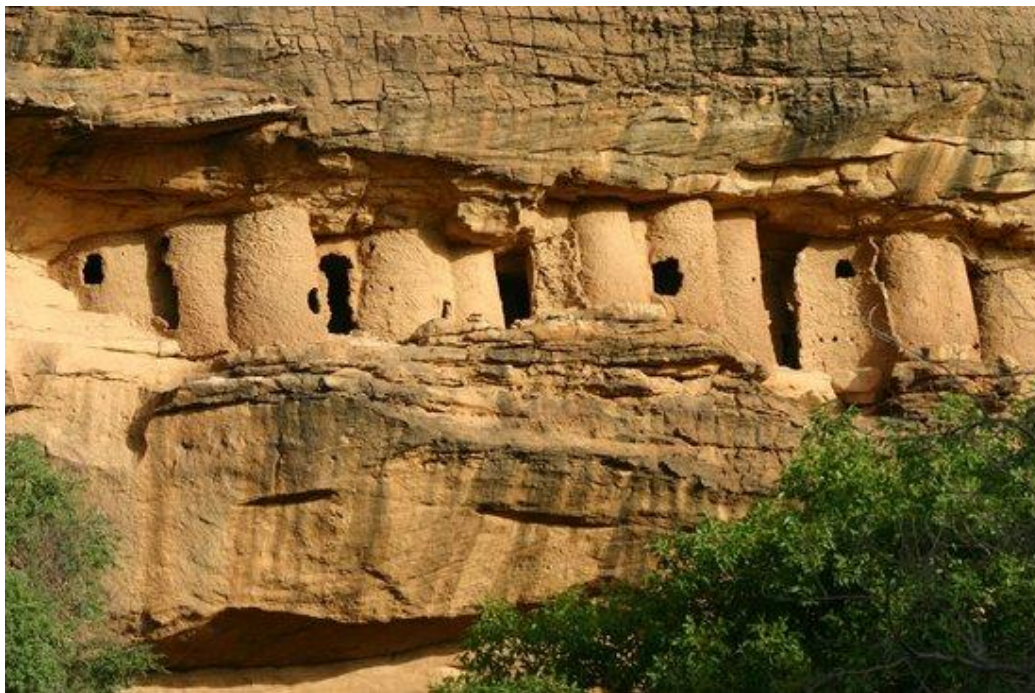
Also, look at some of the driest places on our planet, like Mali in western Africa, specifically, the Djenne Mosque. This is incredibly famous and beautiful, that reminds us of Timbuktu.



This is located in the area of Mopti, colored red on the right chart; or you can see it in Mali, colored orange on the left chart. The other portion of western Africa is in white to give you a good indication of where one of the driest areas on our planet is.



Then, if you look at the Bandiagara cliffs, something very similar with the Anasazi cliff dwellings in New Mexico Arizona region of the four corners of the United States can be seen, so obviously, something happened there in the past. I feel all of these dolmens and cliff dwellings were to run from either plasma discharge, extreme winds or some types of atmospheric anomalies on our planet in the past. These structures are seen all around the world. Turkey, for example, built all those underground cities in Cappadocia. Is it because something cyclic in nature will return?



There is also another highlight in history regarding salt and its value that I want to point out. These days, it is easy for us to obtain salt, and Mopti was known as one of the largest salt producers and the wealthiest regions on the planet, when they were dealing with salt several thousand years ago.

The caravans that came through for the salt trade, and the salt blocks that were traded were equal in weight to gold. That is how valuable salt was, and it will be the same in the future when power grids are down for long periods of time. Now, however, we are more interested in buying pink Himalayan sea salt lamps at a local store, than learning the secrets they kept while mining salt in the desert, two millennia ago.



I brought up this topic because, Mali, one of the driest places on the planet flooded with rain damaged in the refugee camps. This story would have been probably ignored by the media if it did not damage refugee camps.

Looking at the before and after images, you can see that that rain did not just create a puddle, but it has filled up miles and miles of the inland Delta. I understand that they have seasonal rainfalls there, but this is completely in the wrong place for a seasonal rainfall as it does not usually flood in these areas, that is why refugee camps are built there, because they would not put refugees in a flood risk zone, yet this place flooded.

Mali – Floods and Rain Damage Refugee Camps

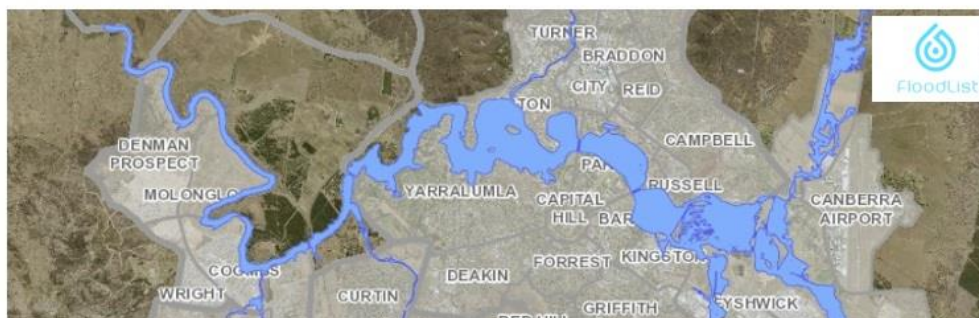
The International Organization for Migration (IOM) reported on 25 June, 2019, that recent heavy rains in the **Mopti region of Mali** have caused floods, aggravating the already precarious situation of the 50,254 internally displaced persons (IDPs) in the region.



Other anomalies are starting to surface as well, as governments across the planet become more aware of the effects of the Grand Solar Minimum intensification. Case in point, Australia updated the flood maps for Canberra, the most comprehensive flood risk assessment map ever, and, take note, they doubled the areas that were showing flood risk. So, why did they have to go to the uber and double, instead of just reclassifying it as a once in a century or once in a two-century flood? What are they planning for? The link for the new flood assessment risk map is listed for you at the end of this article so you can do more research yourself.

Australia – Updated Flood Maps for Canberra Released

New flood maps for Canberra provide the **most comprehensive flood risk information ever** available to the Territory, Minister for Planning and Land Management Mick Gentleman said on 04 December, 2018.



The maps identify which areas are more likely to be flooded during a major flood event, **known as a 1% Annual Exceedance Probability (AEP) flood – previously referred to as a 1-in-100 year flood**. They include comprehensive information on the probable depth and relative hazard of the water during a 1% AEP flood, down to the individual block level.

Anyway, this article, "Human-influenced climate change is behind the floods in South China, but not Chennai", is also very interesting. How is the science so precise that they can even peg which of the floods are human induced or CO₂-induced? Do you think that is how good science is? With phenomenal hail accumulations, they are careful not to talk about any CO₂ driven event because this was purely an atmospheric compression event. I am, however, warning you; this is the beginning. If this is a snowstorm in the middle of winter, and your city is completely blocked, you are going to run out of food if you do not have food in your homes. If this is a snowstorm like Buffalo, you would be stranded in your home for a month, or more. Are you confident you can survive in your home in a month? Do you have enough food in your house right now?

Related



Human-Influenced Climate Change Behind 2015 Floods in South East China but not Chennai, Says Report
21 December, 2016



Phenomenal hail accumulations after massive hailstorm hits Guadalajara, Mexico

July 01, 2019

An unusually strong hailstorm hit Guadalajara, one of Mexico's most populous cities, on June 30, 2019, dumping massive amounts of hail and trapping vehicles in ice up to 1 and 2 m (3 - 6 feet) high. "I've never seen such scenes in Guadalajara,"...

The media was so quick to dismiss this, saying that this is just floating hail and water and nothing to worry about, but there are more atmospheric anomalies that are happening at the moment. The statistical chances to have extremely rare tornadoes in three parts of the world in three days should almost be an impossibility; but, extremely rare and large tornado struck southern Taiwan in Linbian Township and Wanhua; then, an EF-2 tornado hit Bendigo, Victoria, and Australia; and then another rare tornado hit Liaoning Province in China. People were caught off guard by these events because they have never seen these before so they did not know what to do. Even in these articles, they admitted that tornadoes in these regions are rare.



Extremely rare, large tornado hits southern Taiwan

A large tornado hit southern Taiwan around 07:00 UTC (15:00 LT) on July 1, 2019, injuring at least two people. Several homes were destroyed and more than 7 000 customers left without power in two villages (Zhen'an in Linbian Township and Wanhua in Nanzhou...

July 01, 2019



Rare EF-2 tornado hits Bendigo, Victoria, Australia

The Australian Bureau of Meteorology has confirmed that a tornado near Bendigo, Victoria, on June 29, 2019 was at least EF-2 intensity with wind gusts in excess of 200 km/h (124 mph). The tornado flattened one house, snapped big trees in half and sent debris flying...

July 02, 2019



Rare tornado hits China's Kaiyuan City, killing 6 people and injuring at least 190

A large tornado hit China's northeastern city of Kaiyuan, Liaoning Province at 17:15 LT (09:15 UTC) on July 3, 2019, killing 6 people and injuring at least 190. Provincial weather authorities said [tornadoes in this region are rare](#). According to local media...

July 03, 2019

News about this freak hailstorm was picked up by every single publication across the planet, from business publications, all the way to regular mainstream media. This has had unbelievable media coverage.



Freak summer hailstorm buries Guadalajara, Mexico, in up to 5 feet of ice — see the incredible...

[Market Watch](#) · 3 days ago

What the **hail**? One of **Mexico**'s most populous cities got hit with a freak summer hailstorm on Sunday,...



Freak summer hail storm engulfs city's cars, streets in up to 6 feet of ice

[Detroit Free Press](#) · 3 days ago

Guadalajara, the capital city of the Mexican state Jalisco, was battered with a freak summer **hail**...

This was indeed an incredible storm, “Phenomenal hail accumulations after massive hailstorm hits Guadalajara, Mexico.” The accumulations totaled 5 feet, but the media was trying to dismiss this after it got so much attraction. Their final report was, it was just a hail that got somewhere a little deep and then it started to mount, causing the water to rise pushing the hail up, so it looked deeper than it was. Therefore, it was just water under the ice.

Phenomenal hail accumulations after massive hailstorm hits Guadalajara, Mexico

Posted by Teo Blašković on July 1, 2019 at 07:44 UTC (2 days ago)

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Categories: Editors' picks, Featured articles, Newsflash, Severe storms, Weather phenomena



Then they tried to switch the narrative at the middle of the story, to try to dismiss the actual thickness of the hailstorm. But look at this image. These are people walking across the ice. It also stopped those 18-wheeler trucks and buried them. So, how capable are our modern infrastructure to deal with these types of events? Are we ready to deal with a 5-foot hailstorm or a 5-foot snowstorm week after week?



These stories saying that it's just a bunch of water under there pushing the hail up, and that this is a flood with only a few inches of hail floating on water, I do not see any water under the hail.



Joint Cyclone Center @JointCyclone · Jun 30

Gigantic huge #hail accumulations to after the severe #hailstorm in #Guadalajara, #Mexico this morning, June 30th.



I even dug a little deeper to validate this information, and I came across this image of a woman, bottom image, and cars which looked like they were pushed or dislodged by an avalanche or a mudslide.



WEATHER/ METEO WORLD @StormchaserUKEU · Jun 30

WOW....Gigantic #hail accumulations in Guadalajara, #Mexico this morning 30th of June....! Source Boletin Meteo #severeweather #ExtremeWeather



More discussions on flooding and drought are found in my new book, *Climate Revolution*. Jet streams are now going vertical and are completely out of their flows. The magnetosphere is weakening, and magnetic poles are on the move; then there is this new phenomenon called the 'equatorial vortex', which is where a lot of heat spikes are pulled up from equatorial regions.

Maybe you are more familiar with polar vortex that pulls cool air down from the Arctic, but this new evolving term, 'equatorial vortex', was just used a couple of years ago to explain the heat. The equatorial vortex is doing the same thing that the polar vortex is doing, only from the equatorial bands, bringing warmer air up into places like Norway and Greenland. Again, these anomalies are not brought on by global warming, but by the Grand Solar Minimum, in a 400 or 2,000 year cycle.

Flooding and Droughts

"In a Grand Solar Minimum, cosmic ray added cloud layers trigger larger flash floods, hailstorms and due to jet stream disturbances with mixing of atmospheric layers, local long-duration precipitation events (atmospheric compression events) resulting in the 'once in a 200 year flood' you are seeing planet wide in 2019". David DuByne



Earth's Jet Streams as of 2019, which will continue to move further out of flow as we progress through 2023. Food production will become more unreliable.

However, somewhat counterintuitively, during Grand Solar Minima, cooler phases are historically prone to drought as jet streams move to new locations with singular heat waves and wild fires due to the 'Equatorial Vortex' pulling hot air from equatorial bands to northern latitudes.

These anomalies will get more intense in the future, and this is explained completely in Climate Revolution.

Climate Revolution

The Grand Solar Minimum



Understand - Prepare - Adapt – Thrive

How the Sun will Affect Society, Economy and Food Prices

By David DuByne, Bill & Richard Porter

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

Climate Revolution is a 'must read' for the understanding of our Sun driven climate as we progress deeper into the new Eddy Grand Solar Minimum. Weather extremes leading to Global food scarcity and high food prices are here now, and this book describes the expected changes, how to survive & thrive during future challenging times with practical preparations.

NEW ADAPT 2030 Climate Revolution
<https://payhip.com/b/3sVi/af5d15cc7ddd65e>

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Grand Solar Minimum Climate Updates

Our Sun is repeating a 400 year cycle which will effect global crop yields. Food prices will increase everywhere on this planet.

Sign up now to understand how the Grand Solar Minimum will affect your life as it intensifies from this point forward?

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Mini Ice Age Conversations

United States Aug. 21, 19

*** Today's Story Links ***

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Research Reveals Large Scale Global Patterns of Extreme Rainfall
<http://floodlist.com/forecasting-warning-systems/research-reveals-large-scale-global-patterns-of-extreme-rainfall>

Updated Flood Maps for Canberra Released
<http://floodlist.com/forecasting-warning-systems/research-reveals-large-scale-global-patterns-of-extreme-rainfall>

Mali Floods
<http://floodlist.com/africa/mali-floods-rain-idp-camps-june-2019>

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