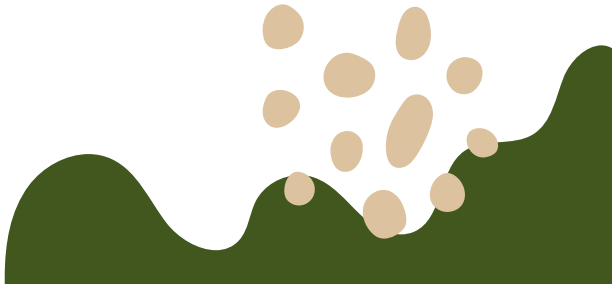


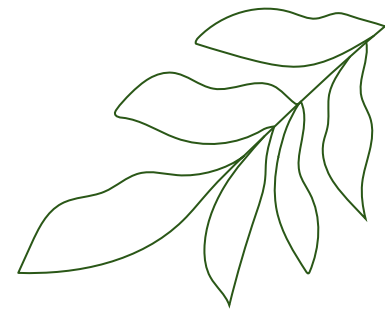
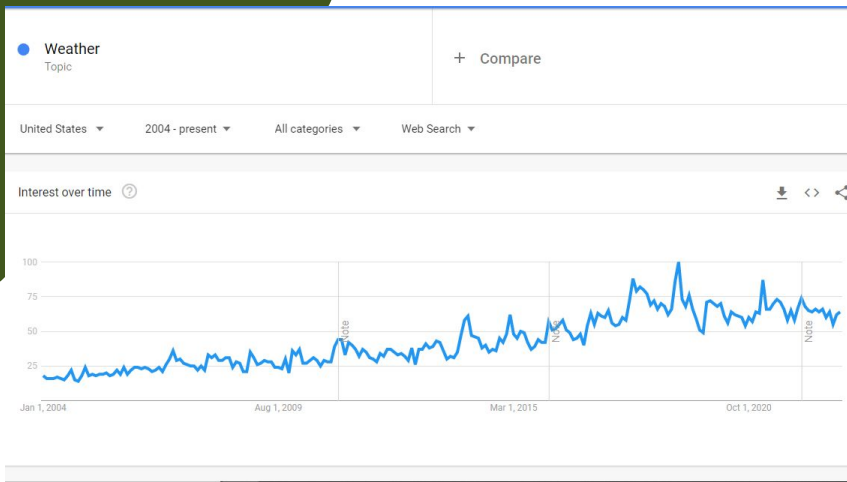
NGRREC:

**Communicating
about Climate Change**



The Widespread Use of the Internet as a Source of News and Information

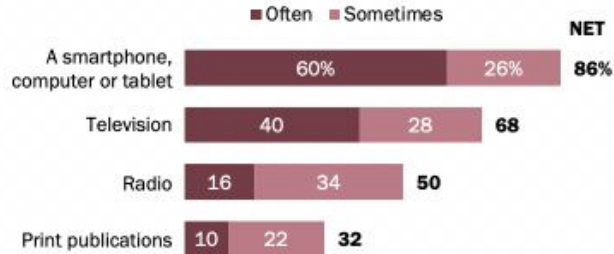
- Radio, TV, and newspapers were used pre-internet
- Rapid growth of the internet the past 20 years
 - More use of internet for information



- 5 billion people on the internet now, compared to 745 million in 2004
- Pew research survey of 9220 adults show that 86% of adults get their news from the internet

Large majority of Americans get news on digital devices

% of U.S. adults who get news ____ from ...



Source: Survey of U.S. adults conducted Aug. 31-Sept. 7, 2020.




Sean

The Effect of Social Media on Natural Disasters

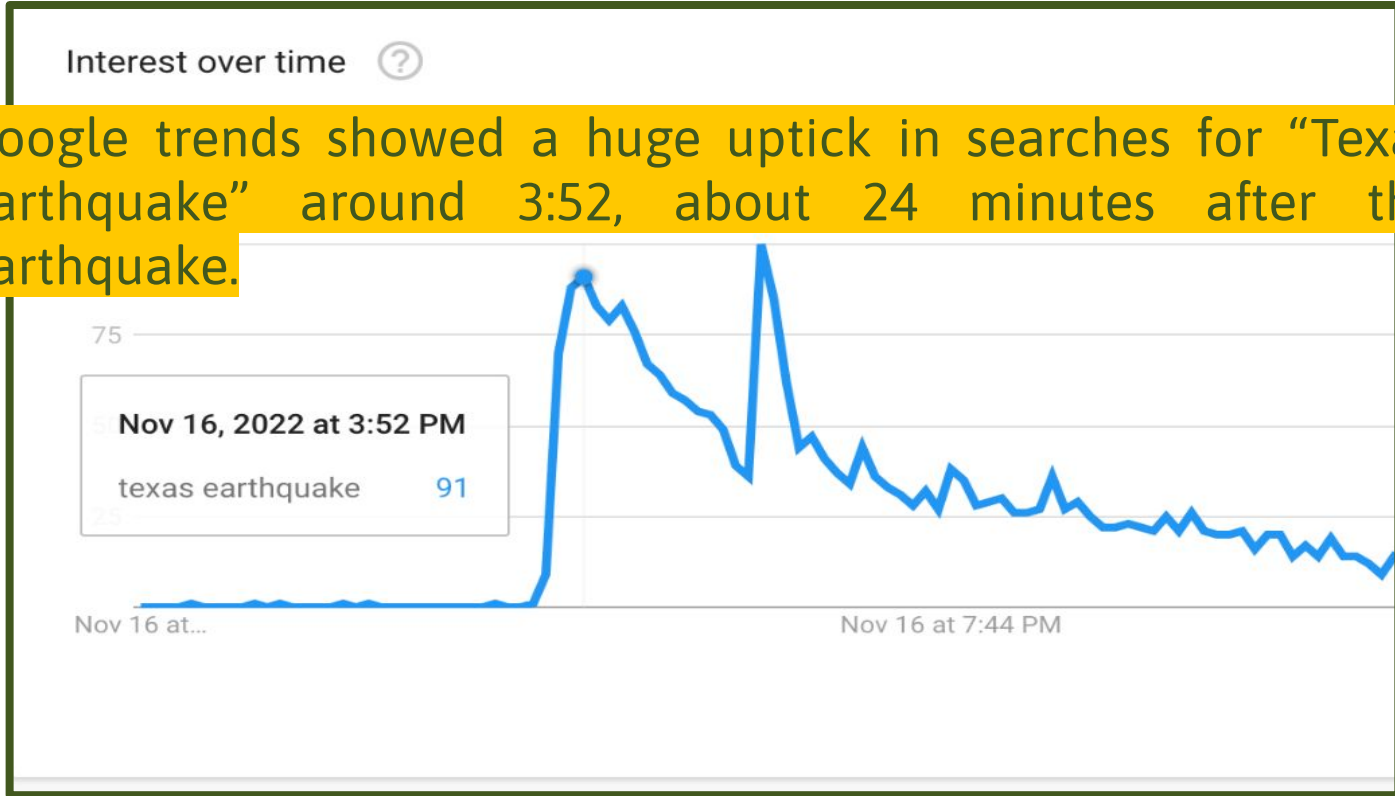


An earthquake in Texas 11/16 was a good example of the effects of social media on natural disasters. The Earthquake was one of the biggest that Texas had ever seen. The magnitude of this Earthquake was 5.4 stretching from West Texas to Austin Texas. The largest being 6.0 magnitude in 1931.



Interest over time ?

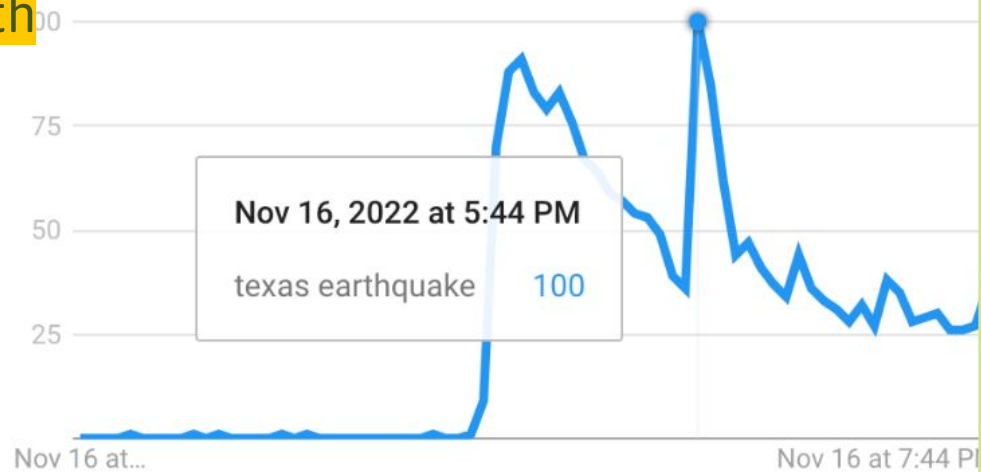
Google trends showed a huge uptick in searches for “Texas Earthquake” around 3:52, about 24 minutes after the earthquake.



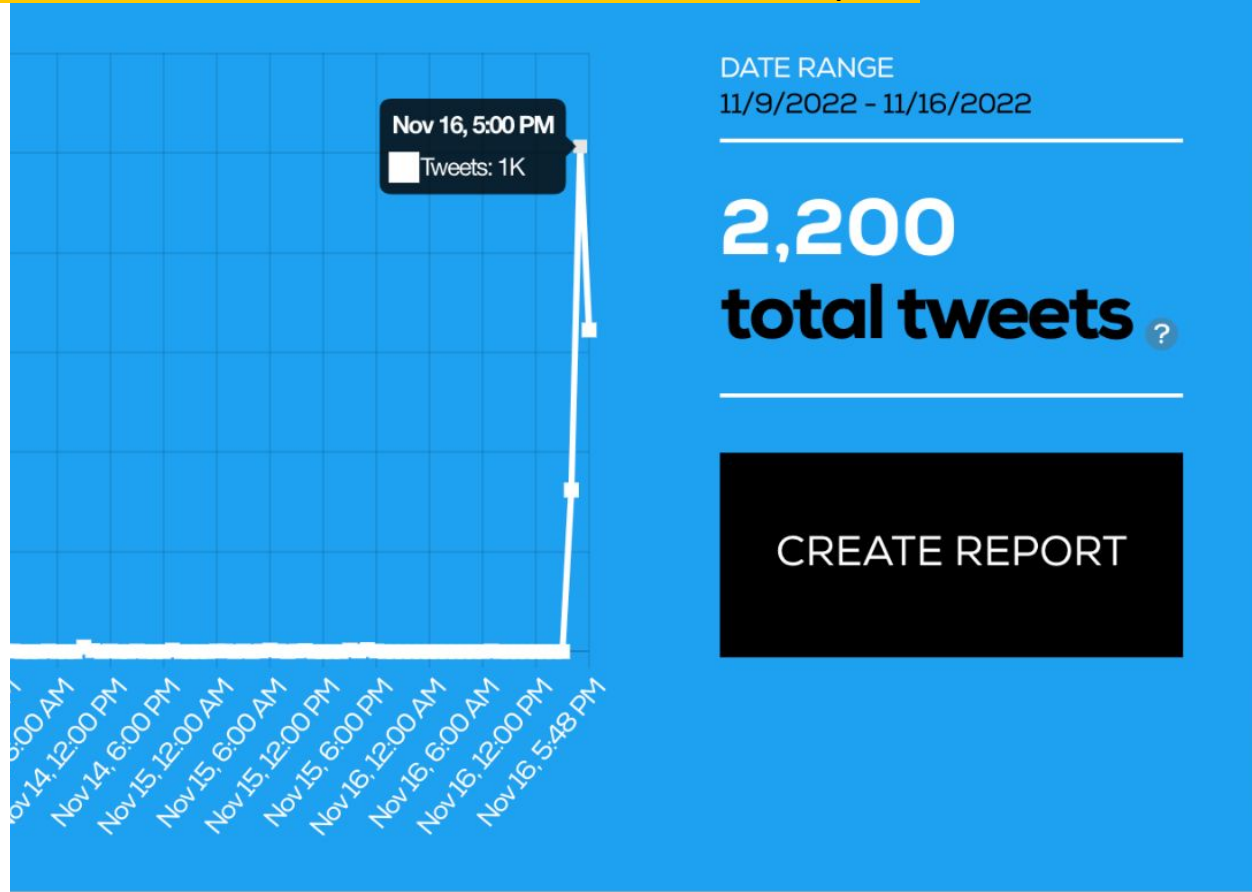
Google Trend Results

Interest over time ?

There's also a spike on google trends around 5:44pm bigger than the previous so we can assume people are discussing the aftermath



When "Texas Earthquake" was inserted into Tweet Binder to find the number of tweets, the results revealed a significant increase. The evidence demonstrates that there were 1,000 tweets at 5:00 p.m.



An example post on Twitter from a news channel about the earthquake supports my past assumption posted around 4:22pm, nearly an hour after the earthquake with 265 retweets and 1,105 likes.

ksat.com

San Antonio residents feel a shake following 5.4 magnitude West Texas earthq...

According to San Antonio police, residents in high rise buildings near downtown felt what was likely effects from a 5.4 magnitude earthquake that occurred in ...

4:22 PM · Nov 16, 2022

265 Retweets **147** Quote Tweets **1,105** Likes



Influencers/non influencers engagement and activity using twitter hashtags

Username/ # of followers

United Nations	16,089,781
UN Development	1,848,583
Un Environment Programme	1,257,331
International Human Rights Foundation	873,700

**#Climate
Action**

**#Global
Warming**

Times Now	10,311,164		
World Economic Foundation	4,286,194		
Business Standard	2,226,832		
Money Control	1,350,837		

#GLOBALWARMING




TIMES NOW 
@TimesNow
 Official

Blistering Heatwave Throws Life Out Of Gear: Times Now Explains Reasons And Implications Of Early Extreme Summer

[#TNDIGITALVIDEOS](#)
[#HeatWave](#) [#Summer](#)
[#GlobalWarming](#)

11:26



United Nations 
@UN

The work & dedication of millions of volunteers around the world have been essential to ensure inclusion, drive [#ClimateAction](#) & help advance the [#GlobalGoals](#).

On Volunteer Day, join [@UNVolunteers](#) in thanking those who dedicate their lives to others. unv.org/international-...



Tweet your reply

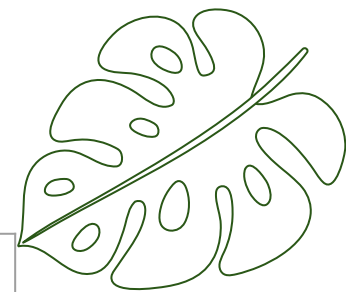


#CLIMATEACTION

Username

of followers

A.J Cahoun	125
BigCam	416
Black Wolf	267
Bol'd	549



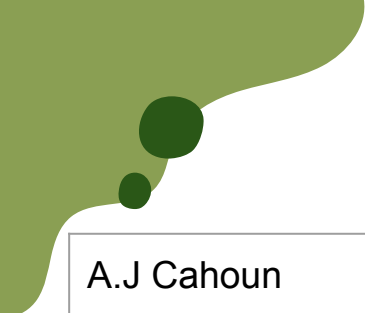
**#Climate
Hysteria**

Username

of followers

Ultra Magic Mike	58,390
“El Viejo” Malvaje	29,700
The Silenced Majority	18,336
Terminal Angler	15,370

**#Climate
Hoax**



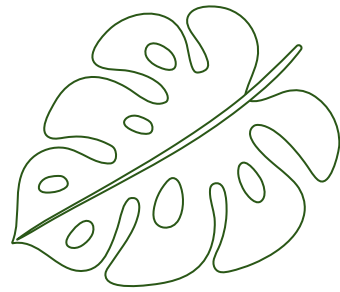
#CLIMATEHYSTERIA



Boi'd 
@Boi_dBoi_d

Replying to @BazzMa4 and @fvdemocratie

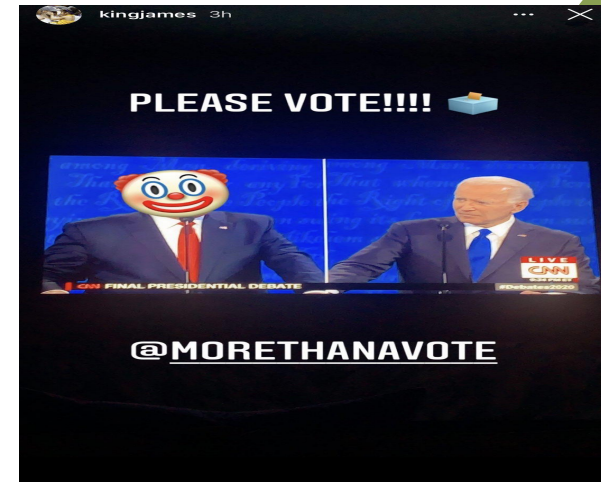
In science there's never consensus about anything. That's what science is all about. #Climatehysteria is now multi trillion \$\$ industry with paid scientists parroting each other, no critical journalist dares to challenge all afraid of losing their jobs or funding.

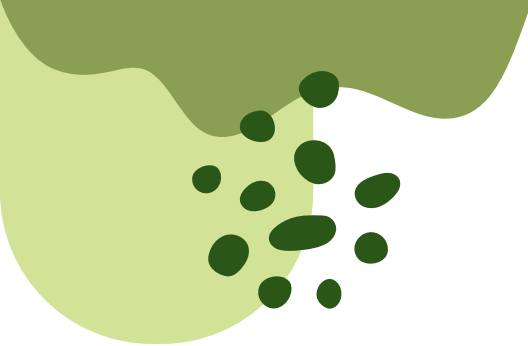


Celebrities Influence Politics



- **The 2020 election was going on during a worldwide pandemic. Most teenagers who just entered the voting pool turned to social media.**
- **This brought Celebrities to the forefront of everything. Basketball star LeBron James stood out the most during this election. LeBron posted a photo of Donald Trump coving the former president's face with a clown emoji.**





Donald J. Trump @realDonaldTrump
So ridiculous. Greta must work on her Anger Management problem, then go to a good old fashioned movie with a friend! Chill Greta, Chill!

Roma Downey @RealRomaDowney
Congrats @GretaThunberg twitter.com/TIME/status/12...

1:22 p. m. · 12 dic. 2019

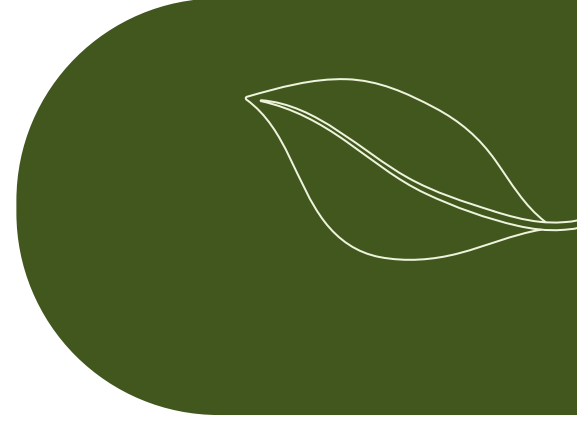
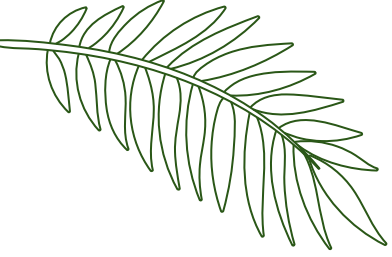
Greta Thunberg @GretaThunberg
So ridiculous. Donald must work on his Anger Management problem, then go to a good old fashioned movie with a friend! Chill Donald, Chill!

Donald J. Trump @realDonaldTrump
STOP THE COUNT!

8:53 p. m. · 5 nov. 2020

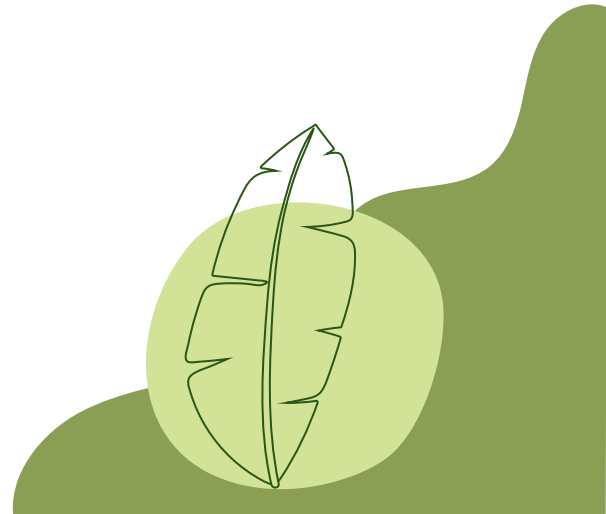
- **An 18 years old internationally recognized climate activist, Greta Thunberg emerged as the voice of the youths who will be facing the climate crisis as the consequence of the failure of political parties to mitigate climate change. For her inspiring demand to initiate urgent climate action from political leaders, she has been a youth icon and nominated for Nobel peace Prize in 2019 and also listed as Times Person of the year the same year.**





Misinformation

By: Adam



Adam

When it comes to misinformation an important part of the problem is how information is being conveyed. Different sources provide different perspectives of the issues at hand.

- **Fox News - Focuses on the economic perspective with how barges are being halted by low water levels.**
- **CNN - Focuses on how the low water level is allowing sea water (salt water) to flow upstream. Which could jeopardize our drinking water supply.**

The logo for Fox News Flash Headlines. It features the words "FOX NEWS" in white on a red background, followed by "FLASH" in white on a red background, and "HEADLINES" in white on a dark blue background. A white play button icon is positioned between "FLASH" and "HEADLINES".

FOX NEWS FLASH HEADLINES

Fox News Flash top headlines for September 30

Fox News Flash top headlines are here. Check out what's clicking on Foxnews.com.

[Parts of the Mississippi River](#) are so low from weeks of drought that barge traffic is being limited at the worst possible time — as crop harvests begin.

Some Mississippi River communities between St. Louis and New Orleans may see record low water levels in the coming days, including Caruthersville, Missouri, and Osceola, Arkansas. The National Weather Service predicts the reading at Memphis, Tennessee, will reach its second-lowest level ever by Oct. 13.

The timing is bad. Corn and soybeans harvested in the early fall need to be moved, and barges are vital in getting the commodities from one place to another.

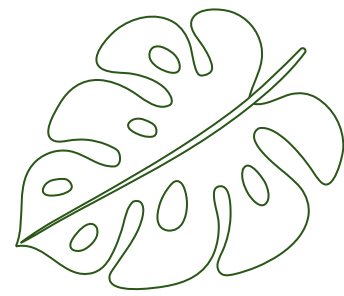


Social Media: Awareness on Climate Issues

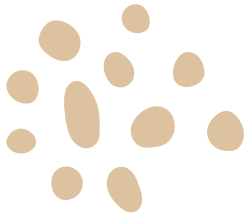
Nick



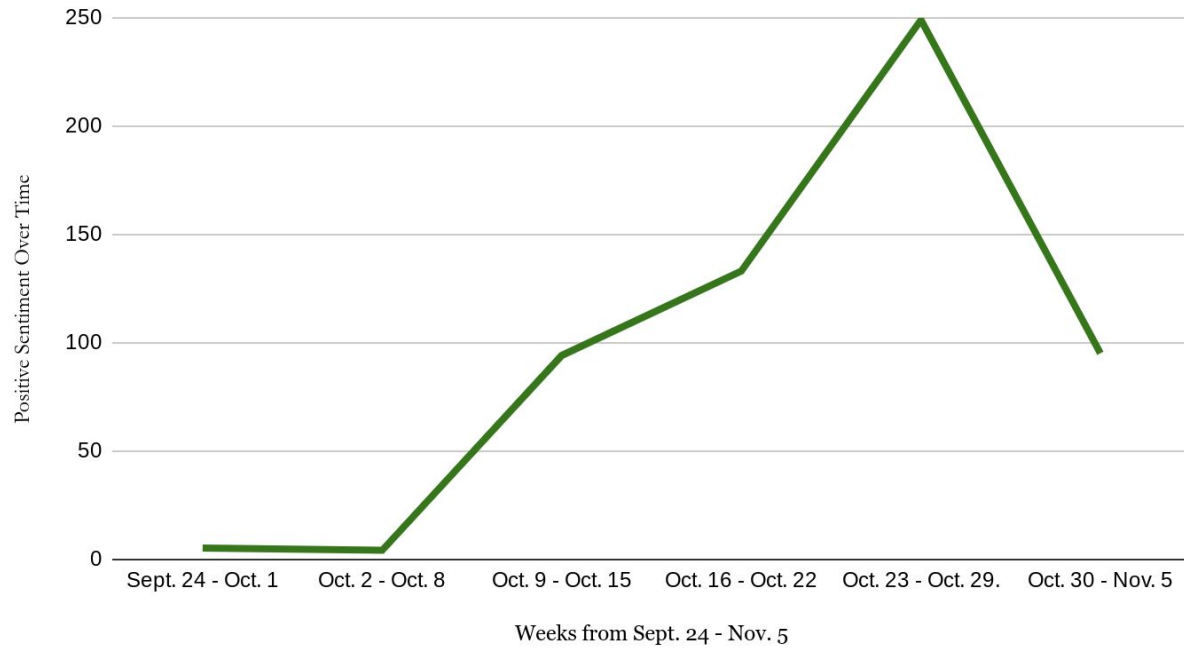
Mississippi on Twitter



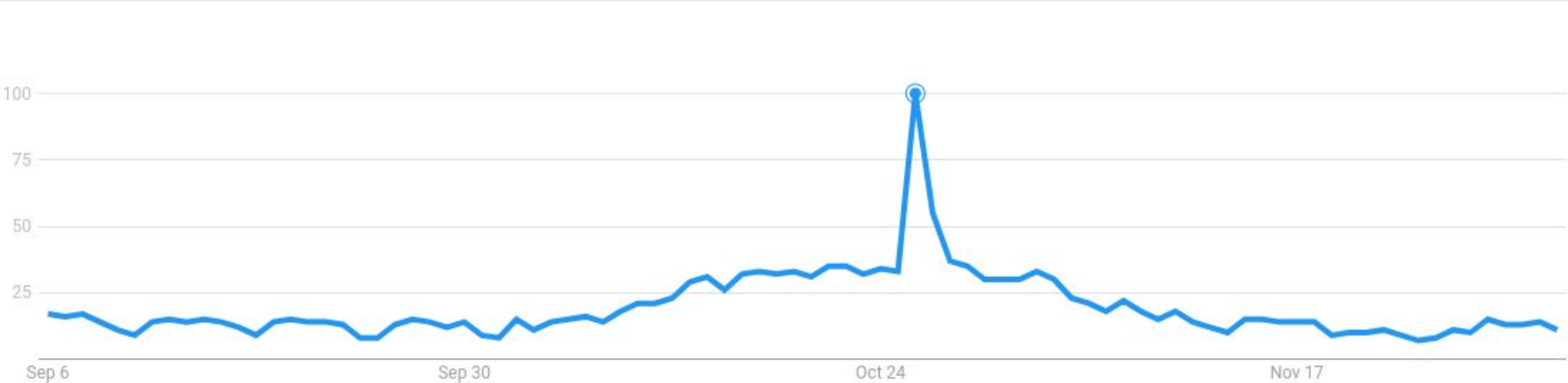
A sentiment analysis of the Twitter API found that positive sentiment on the term “Mississippi Record Low” found that knowledge of the phenomenon started in the last week of September, with local news outlets reporting on the issue, hit the peak awareness around the week of October 26th, and plateaued till the first week of November, when tweets on the matter with positive sentiment decreased drastically



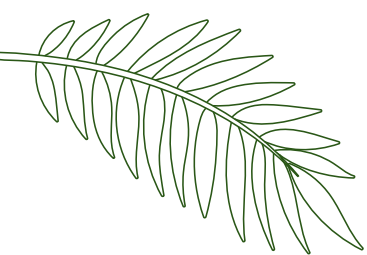
Twitter Relevancy of "Mississippi River Drying Up"



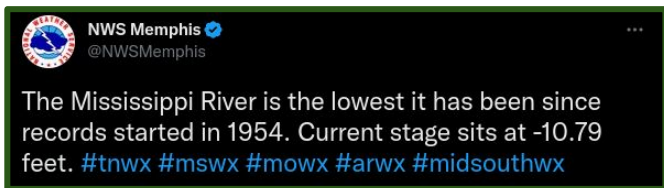
Mississippi River Relevance Over Time



Main peak on Oct. 26th... why?



News-to-Twitter Pipeline



First Week of October

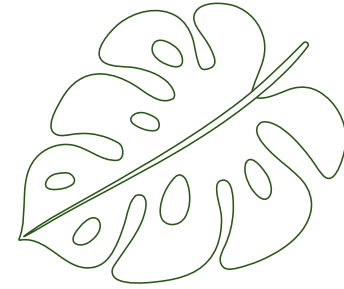
Mostly local news stations from Tennessee and areas around the Mississippi



After October 26th

Large news outlets picked up on the event, and most tweets posting about it came after Oct. 26th when The Washington Post published the article “What it looks like as drought strangles the mighty Mississippi”





What does this mean for internet activism?





How Does News Travel?

The Relation Between Twitter, Google, and
Internet News

Kaz Isibue





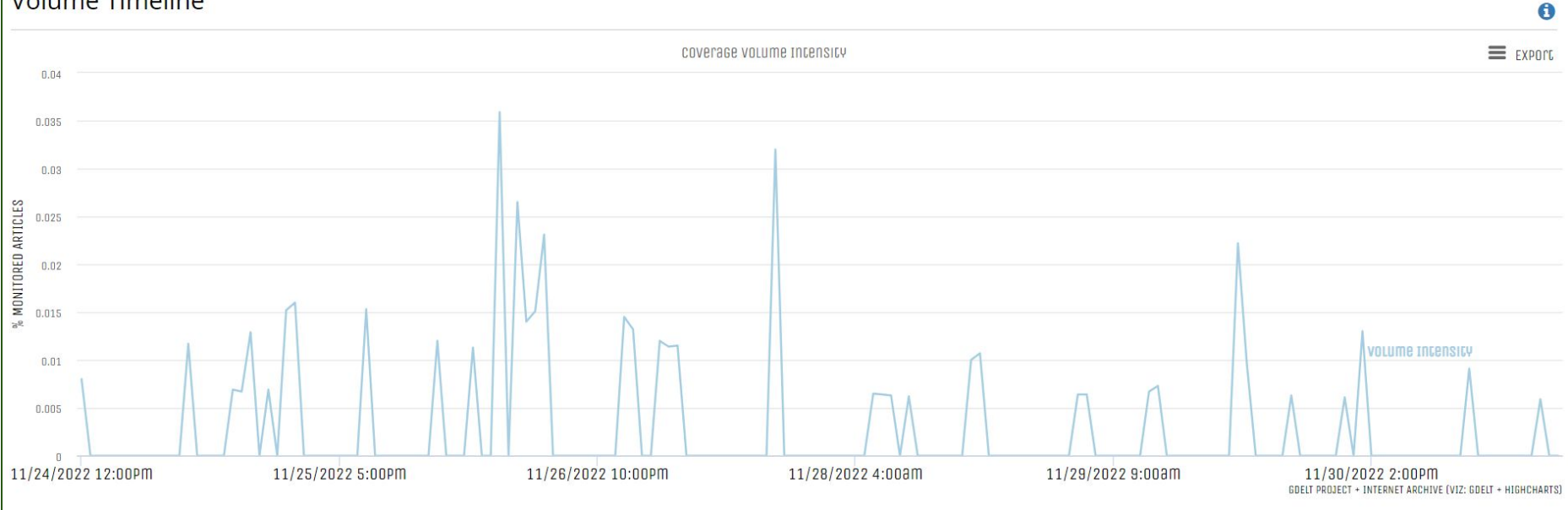
11/24/2022-12/1/2022 4553 Total Tweets

Google Trends Summary



GDELT Summary

Volume Timeline



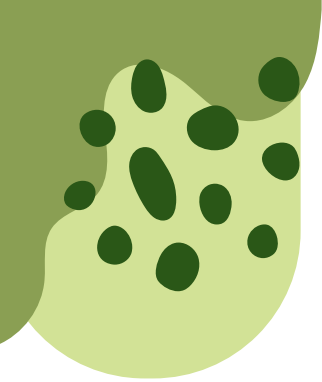
Climate Change Exposed Unusual and Unsettling Finds in 2022

businessinsider.com

4 days ago (11/26/2022 1:15pm)

English United States





Thank You!

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