

How to Analyze in an Alternative Facts World

Automated Rumor Detection and Visualization

UNEP Live Web Intelligence | US Election 2016 Web Monitor

Results of the EU Research Projects PHEME and InVID

www.weblyzard.com/showcases

www.weblyzard.com/research

Speaker:

Arno Scharl

Company:

MODUL University Vienna, webLyzard technology

Twitter:

@webLyzard



WORLD MEDIA INTELLIGENCE
CONGRESS
BERLIN 4-6 October 2017

@_FIBEP
#FIBEP
#WMIC17





SUSTAINABLE DEVELOPMENT GOALS

UNEP Live Web Intelligence

www.weblyzard.com/unep-live



POLITICAL COMMUNICATION

US Election 2016 Web Monitor

www.weblyzard.com/us-election-2016



PHEME – VERACITY INTELLIGENCE

Verification of Twitter Content Streams

www.weblyzard.com/pHEME



INVID – IN VIDEO VERITAS

Verification of User-Generated Videos

www.weblyzard.com/invid



UNEP Live Web Intelligence

www.weblyzard.com/unesp-live

Developed by the Department of New Media Technology of
MODUL University Vienna and powered by webLyzard technology

unesp.ecoresearch.net ■ unespive.unesp.org

„ ... has led to wild claims on both sides of the divide.“

theguardian

home UK world politics sport football opinion culture business lifestyle fashion environment tech travel

browse all sections

home > science

Climate change

Observer Tech Monthly
climate change special

Climate change: the big myths that need to be exploded

The threat to our planet and the lives of billions of people - not to mention big business - has led to wild claims on both sides of the divide. Here are some facts



Photograph: Laszlo for the Observer

General

- UNEP Region

- | | |
|---------------------------------|------|
| North America | 1558 |
| Asia and the Pacific | 1212 |
| Africa | 788 |
| Europe | 763 |
| West Asia | 555 |
| Polar: Arctic | 412 |
| Latin America and the Caribbean | 288 |

Environmental Themes

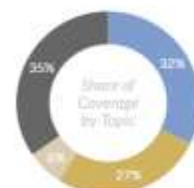
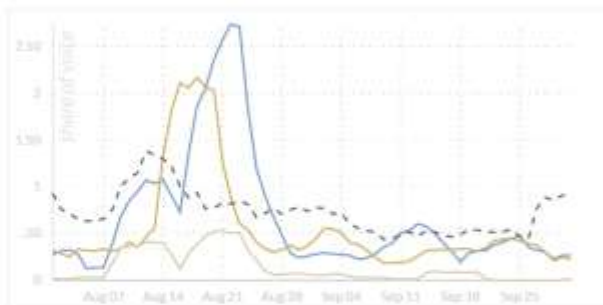
Sustainable Development Goals

CURRENT SEARCH

■ air quality 462

ASSOCIATIONS

- | | |
|--|------|
| ☐ air pollution | 512 |
| ☒ san bernardino | 430 |
| ☐ central coast | 146 |
| ☒ ozone | 357 |
| ☐ blaze | 964 |
| ☐ bernardino county | 198 |
| ☒ mojave desert | 88 |
| ☐ recreation area | 111 |
| ☐ fire retardant | 58 |
| ☐ los angeles | 2273 |
| ☐ arrowhead | 61 |
| ☐ khan | 614 |
| ☐ late july | 240 |
| ☐ source | 7253 |
| ☐ ground-level | 103 |



Air pollution hits health of 90pc of global population

one person in 10 lives in a city that complies with the WHO air-quality guidelines. Air pollution continues to r...

Excessive air pollution affects 92% of people worldwide: WHO

in a new report that 92 percent of people live in areas where air quality exceeds WHO limits, with appeared fl.
article.wn.com

Most of the world breathes polluted air, WHO says

and it poses a public health risk, she said. According to WHO [air quality guidelines](#), levels of PM2.5 -- the mo...
edition.cnn.com

Appeals court hears high-stakes challenge to Obama's clean power plan

plans to reduce their emissions, and will deliver better air quality, improved public health, clean energy investL
edition.cnn.com

Closing Tinley Park vehicle emission testing facility will hurt drivers

emissions tests, it would be interesting to see how air quality in the Chicago area would be affected if no vehi...
chicago.tribune.com

Over 90% of world breathing bad air: WHO

92 per cent of the world's population lives in places where **air quality** levels exceed WHO limits. 'Air pollution...

WHO Says 92 Percent Of The World's Population Breathes Substandard Air

WHO limits, in new research released Tuesday. The new WHO **air-quality** model, which uses satellite data a...

Health of more than 90% of world's population affected by air pollution 'emergency', WHO says

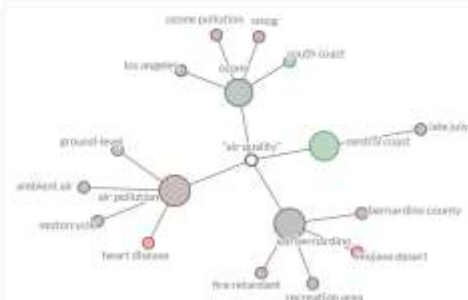
one person in ten lives in a city that complies with the WHO **air quality** guidelines. "Air pollution continues to...
independent.co.uk

WHO: 9 out of 10 people breathing excessive air pollution

in a new report that 92 percent of people live in areas where **air quality** exceeds WHO limits, with southeast ...
[chsnnews.com](#)

Over 90% of world breathing bad air: WHO

airport alabama angeles arrowhead asbestos
assemblyman asthma bernardino blaze bus cajon
colonial daily diesel dora duct ethanol
evacuation facility games gasoline government
haze hearst helenia humidity indonesia khan lake
london manhattan mine motorcycle olympics
ozone pedestrian phoenix pilot pipeline plant
pm2 pollution poole rescue rio rocket school
singapore smog source space1 spike station
super telegraph tempe tennessee tesoro town
transit transport transportation **unhealthy** visibility
wang whitman wildfire zhangle



TOPICS

General

☐ Climate Change	17213
☐ Water	14118
☐ Biodiversity	6779
☐ Air	2926
☐ Sustainable Development	1814

UNEP Regions

☐ North America	4986
☐ Asia and the Pacific	3526
☐ Africa	2679
☐ Europe	6971
☐ West Asia	1472
☐ Polar: Arctic	1151
☐ Latin America and the Carib...	1606

Environmental Themes

Sustainable Development Goals

CURRENT SEARCH

☒ biodiversity	4206
--	------

ASSOCIATIONS

☐ species	12660
☐ birds	3741
☐ lucn	1266
☐ natural	26727
☐ habitats	2067
☐ forests	4534
☐ seabirdlife	1
☐ biology	1781
☐ ecosystems	3316
☐ forest	7626
☐ red list	613
☐ canary islands	469
☐ natura	1400
☐ wild	6979
☐ conservation	19461



TOPICS

General

☐ Climate Change	17213
☐ Water	14118
☐ Biodiversity	6779
☐ Air	2926
☐ Sustainable Development	1814

UNEP Regions

☐ North America	4986
☐ Asia and the Pacific	3526
☐ Africa	2679
☐ Europe	6971
☐ West Asia	1472
☐ Polar: Arctic	1151
☐ Latin America and the Carib...	1606

Environmental Themes

Sustainable Development Goals

CURRENT SEARCH

☒ biodiversity X	4206
--	------

ASSOCIATIONS

☐ species	12660
☐ birds	3741
☐ lucn	1266
☐ natural	26727
☐ habitats	2067
☐ forests	4534
☐ seabirdlife	1
☐ biology	1781
☐ ecosystems	3316
☐ forest	7626
☐ red list	613
☐ canary islands	469
☐ natura	1400
☐ wild	6979
☐ conservation	19461





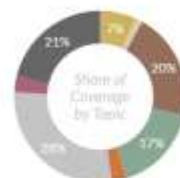
US Election 2016 Web Monitor

us2016.weblyzard.com

Developed at the Department of New Media Technology of
MODUL University Vienna; powered by webLyzard technology

www.weblyzard.com/us-election-2016-web-monitor

+ Add New Category



acosta bannon brzezinski buzzfeed clapper cnn
cohen colbert collusion comey content conway
correspondents cpac digital dinner dossier enemy
facebook fillon flynn france french griffin hacking
hannity inaudible information internet journalism kelly
kishiyak kremlin kushner leak macron manafort
massacre merkel milka misinformation moscow hues
orwell pardon pen press putin realdonaldtrump reporter
russia russians scaramucci scarborough sessions
spicer steel trump truth turnbull twitter unverified
warner warsaw wiretapping wrestling yates zuckerberg

23072

200 worth of politics
Related Story: Facebook told
software its review to accounts
two dozen accounts that were
linked to
1,000 worth of ads
in the 2016 election by Marjorie
at Marjorie's world, where
the social media giant published with
this is one where claims of
to reject social media sharing and
apologized for initially flouting the notion
is "more" the idea
It was "more" the idea
It was "more" the idea

criticized
criticized
criticized

as being
Twitter as
too lax in policing
the report turned out to be
Under
United Nations of America's role
motivational techniques for my players.
So their home country, prompting
make something happen
is breaking Russia
and also they've
and also they've
never tried to prevent
the
Was
Lewandinski an email scammer using
Iran's political media launch
launch ahead on Iranian state TV
Powell's rhetoric for
name-calling and throwing legitimacy
AHRF, sent this to re-
but to Trump that's probably bad
There it turned out to be
23 accounts directly linked to about 500
Obama personally warned Mark Zuckerberg over
a similar way, promoting stories with
And all right
and conspiracy content," which included statements
But John was wrong
confrontations after he took down about 470
Congress thousands of advertisements that blamed Russia
down to start Russian alternatives to spread
FBI supplied the advice of the way
has done some amazing work on Russia's
is not the real Ukraine
It's very easy to make
it was "more" the idea
It's very easy to make
it was "more" the idea

news

about Hillary Clinton
and a steady flow
organizations such as The
will then be submitted
"data"
Facebook
its company's social network
ad influence
apologized
apologized

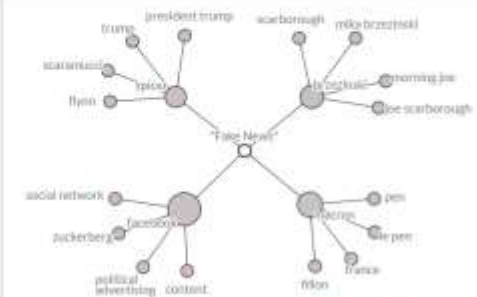
and they were playing by
could have influenced the U
didn't doubt through Facebook shaped the
approved
is based on data that proved
re Trump's Puerto Rico
atoms and misinterpretations
misinterpretations, Russian sources of
use of bots
and hundreds of thousands of
misinterpretations, Russian sources of
use of bots
the company had Congressional investigators
must be the
that Shoni

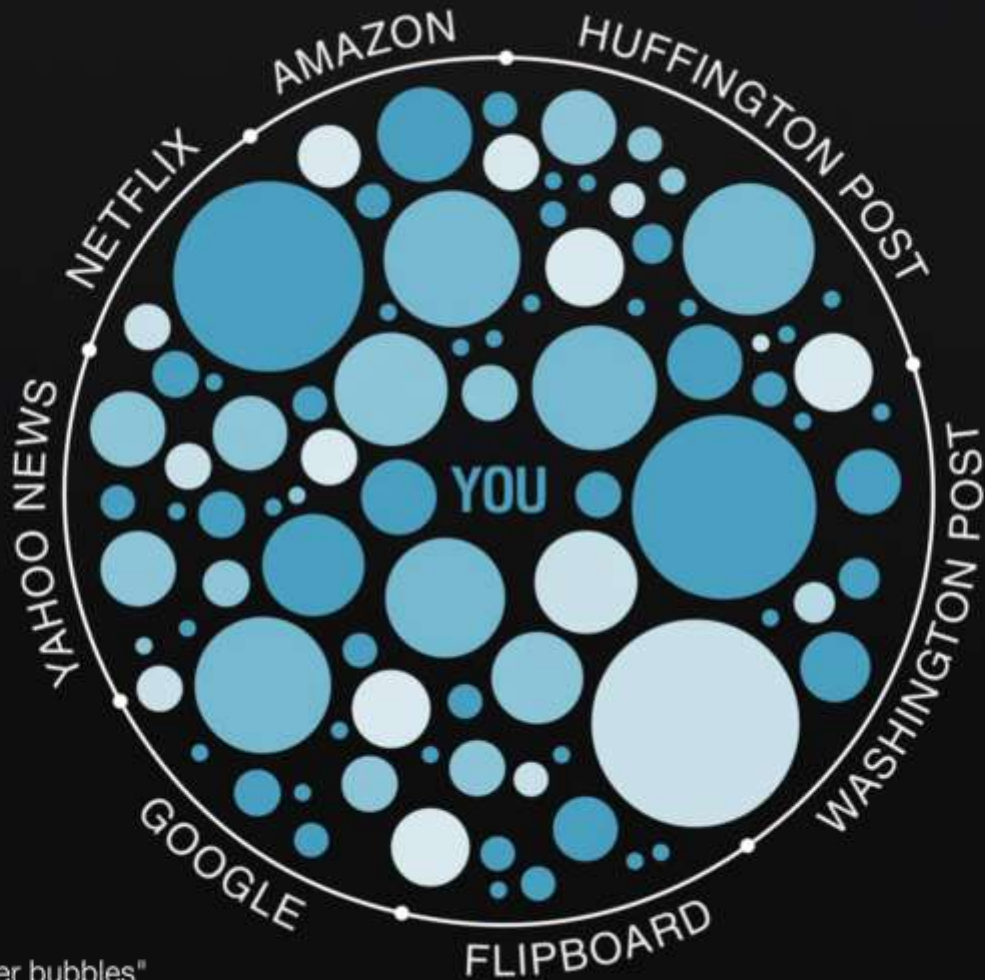
accounts

Kushner
email
address
account, even though
account nearby the provider
was 490
or abusive accounts
Urban
was
Russia used Facebook accounts
news over the 2016
US Officials
accounts linked to the Russian government
active accounts that posted inflammatory content
addressed Kushner
and posting content now framed across
crisis website is request of who
data
Facebook pages or profiles that to
Russia
identifying documents from 2010 to 2014
the files or authentic documents, called
Jared D email addresses today
profiles already spotted by Facebook
Russia list of antagonists who topple like
refugees' headlines
suspect that Facebook accounts that
Russian-linked accounts (REBEL an
stories and they were trying to
win in this case

fake

transcript for Mark Zuckerberg's remarks about Facebook's
up on his screen," Obama
were also sent Trump's

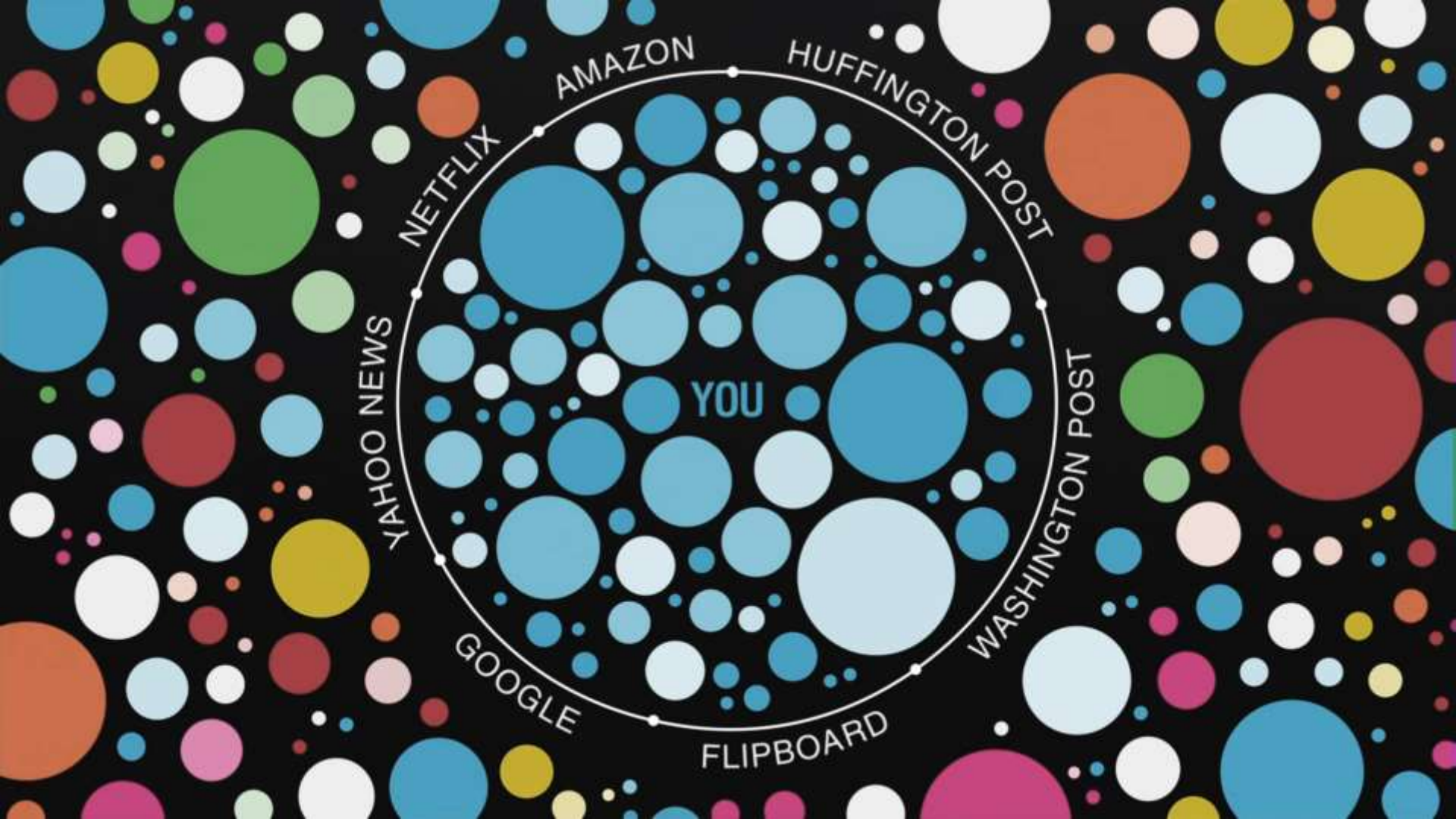




TEDx

TED2011 · Filmed March 2011 · 9:04

Eli Pariser: Beware online "filter bubbles"



YAHOO NEWS

NETFLIX

AMAZON

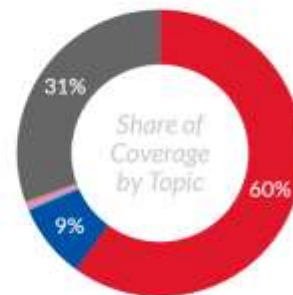
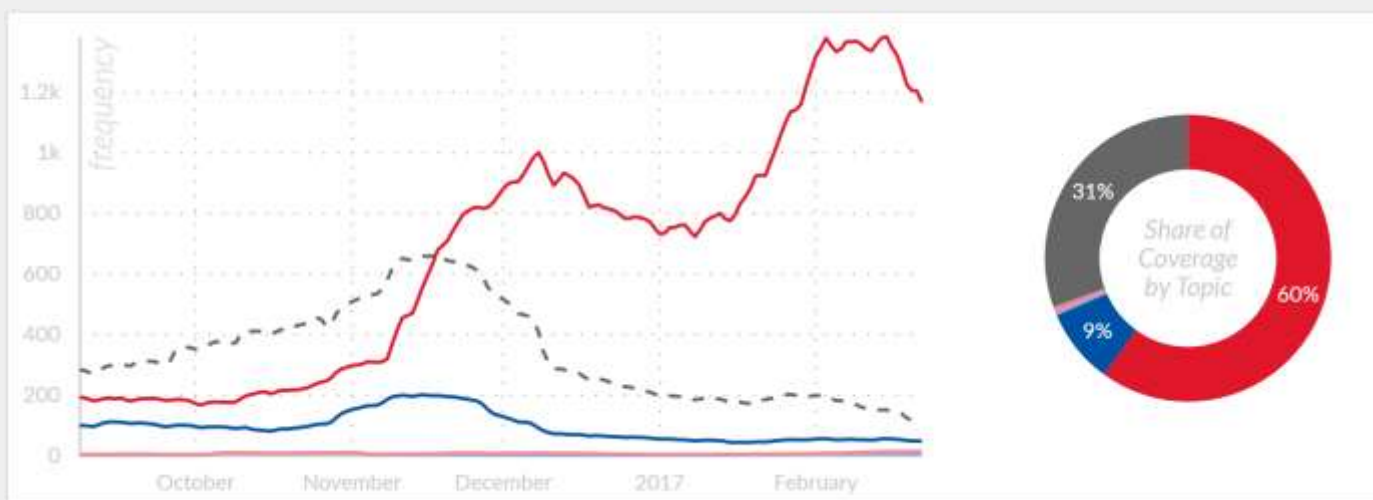
HUFFINGTON POST

WASHINGTON POST

YOU

GOOGLE

FLIPBOARD



TOPICS

Mentioning Just One Candidate

■ Donald Trump

■ Hillary Clinton

Mentioning Both Candidates

■ Clinton vs. Trump

Democrats

■ Tim Kaine

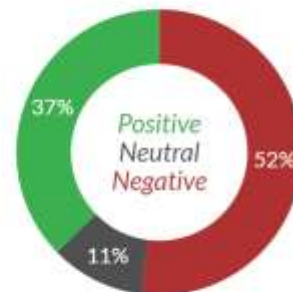
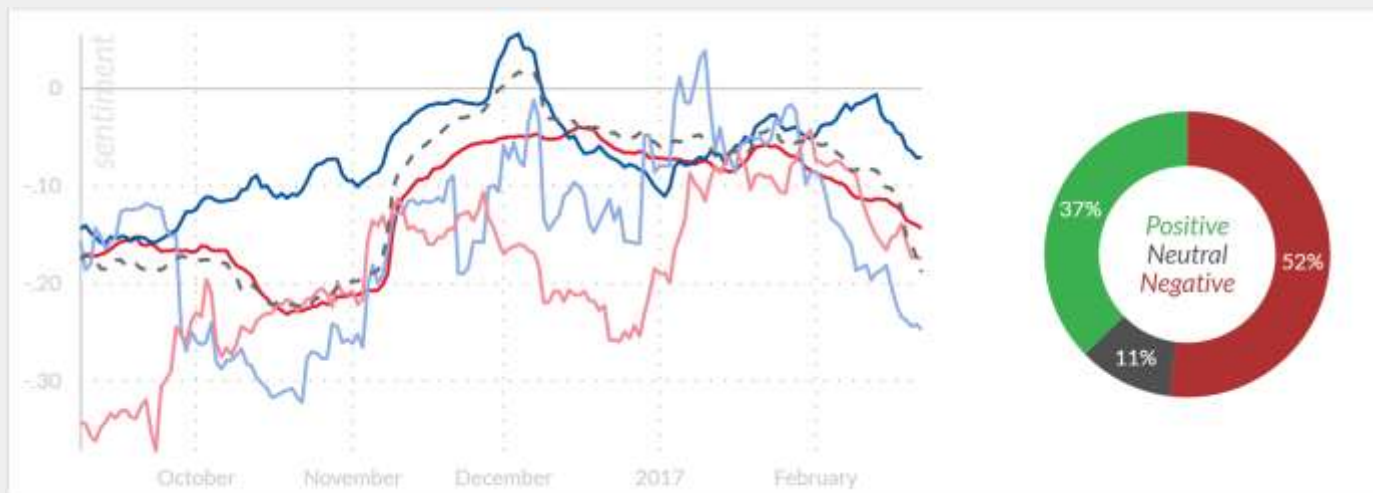
Republicans

■ Mike Pence

Nominating Conventions

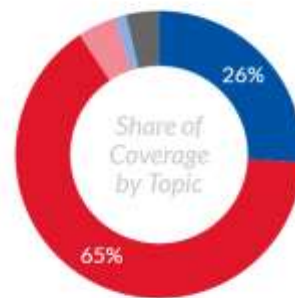
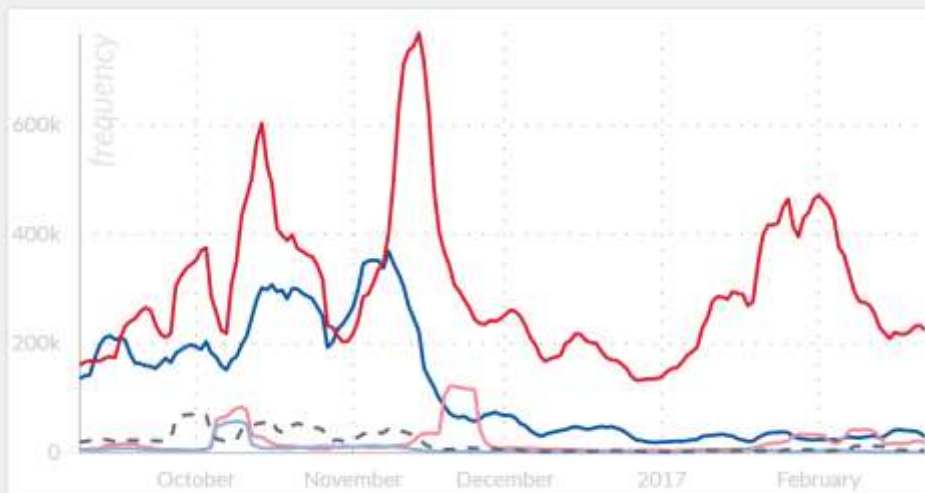
■ Democratic Convention

■ Republican Convention



News Media





TOPICS

Mentioning Just One Candidate

Donald Trump

Hillary Clinton

Mentioning Both Candidates

Clinton vs. Trump

Democrats

Tim Kaine

Republicans

Mike Pence

Nominating Conventions

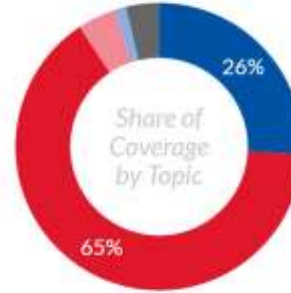
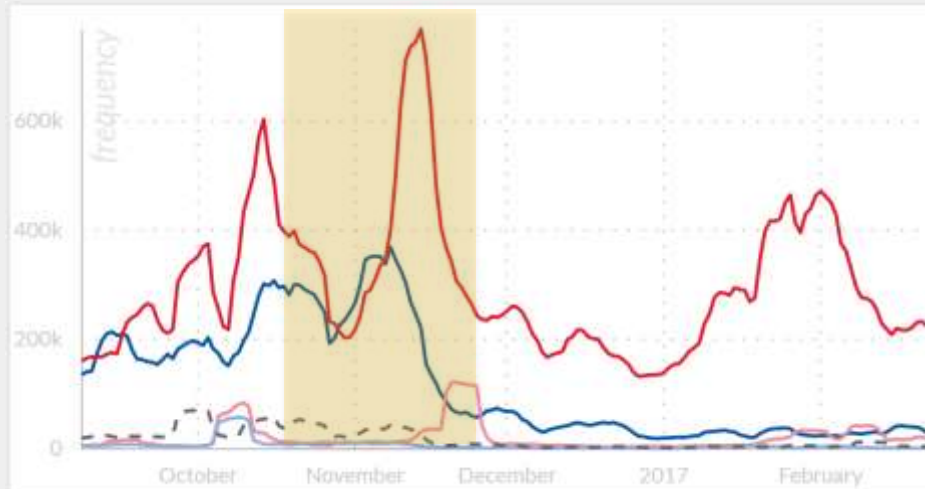
Democratic Convention

Republican Convention



Twitter





TOPICS

Mentioning Just One Candidate

■ Donald Trump

■ Hillary Clinton

Mentioning Both Candidates

■ Clinton vs. Trump

Democrats

■ Tim Kaine

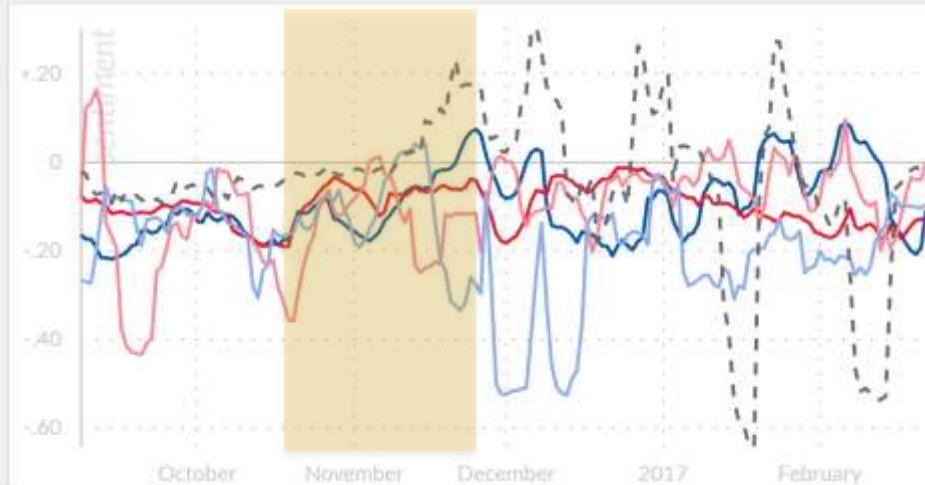
Republicans

■ Mike Pence

Nominating Conventions

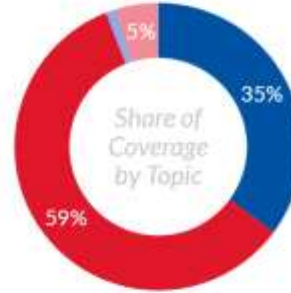
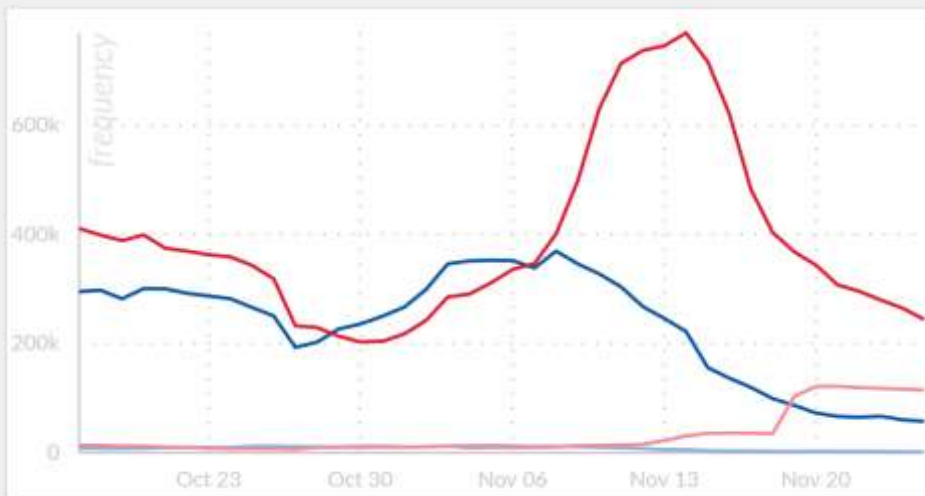
■ Democratic Convention

■ Republican Convention



Twitter





TOPICS

Mentioning Just One Candidate

■ Donald Trump

■ Hillary Clinton

Mentioning Both Candidates

■ Clinton vs. Trump

Democrats

■ Tim Kaine

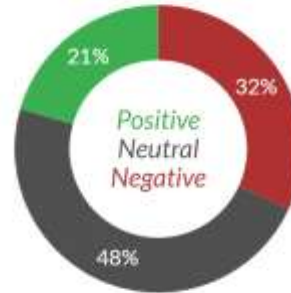
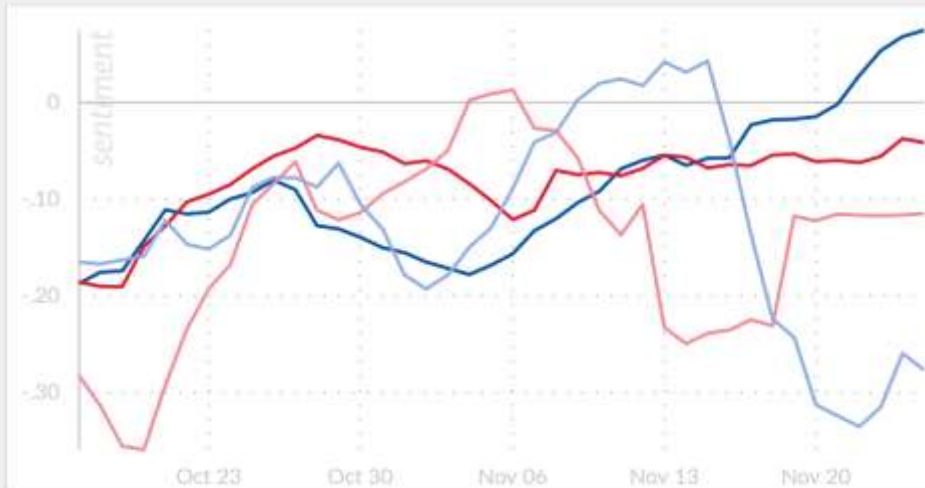
Republicans

■ Mike Pence

Nominating Conventions

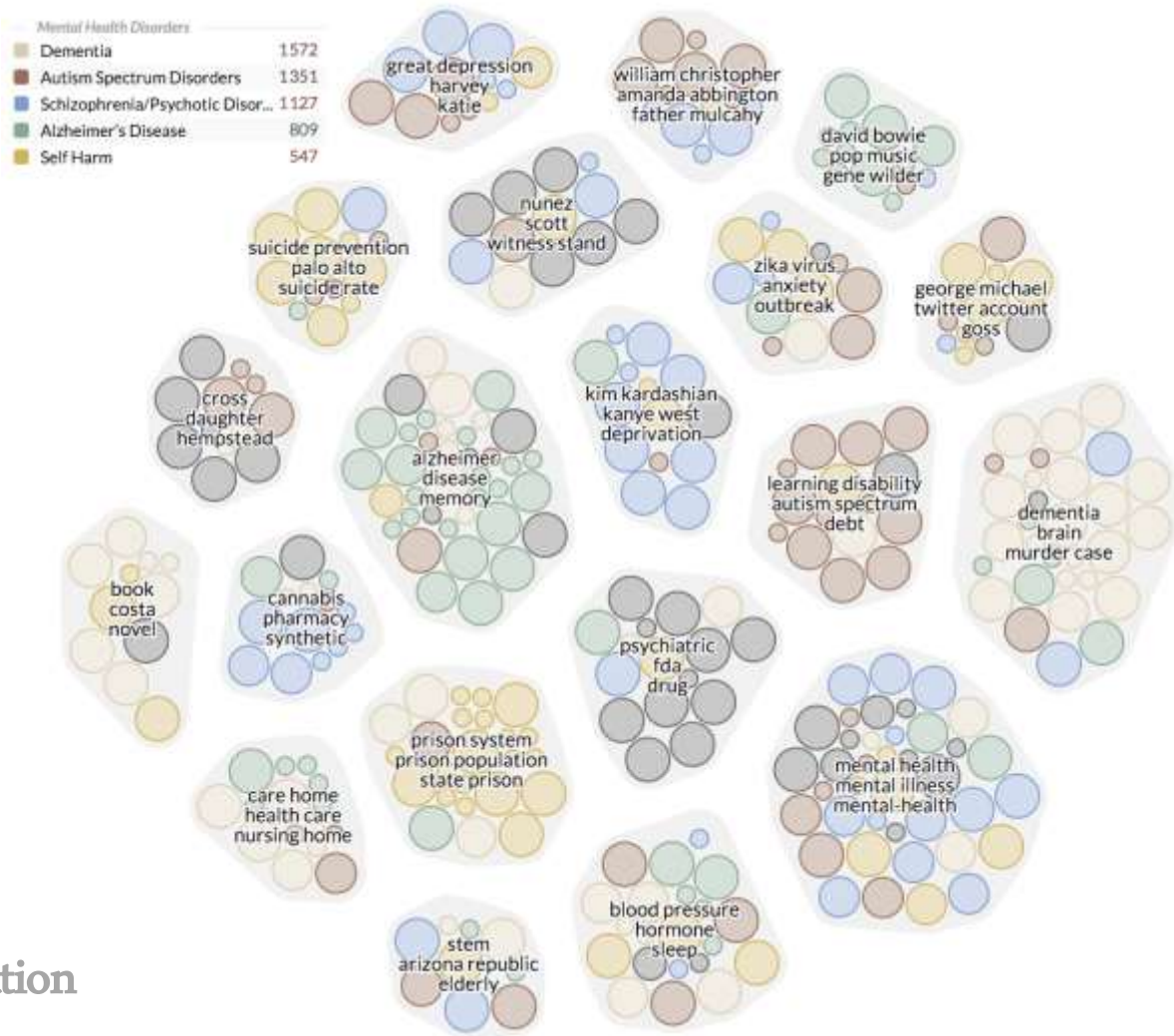
■ Democratic Convention

■ Republican Convention



Twitter



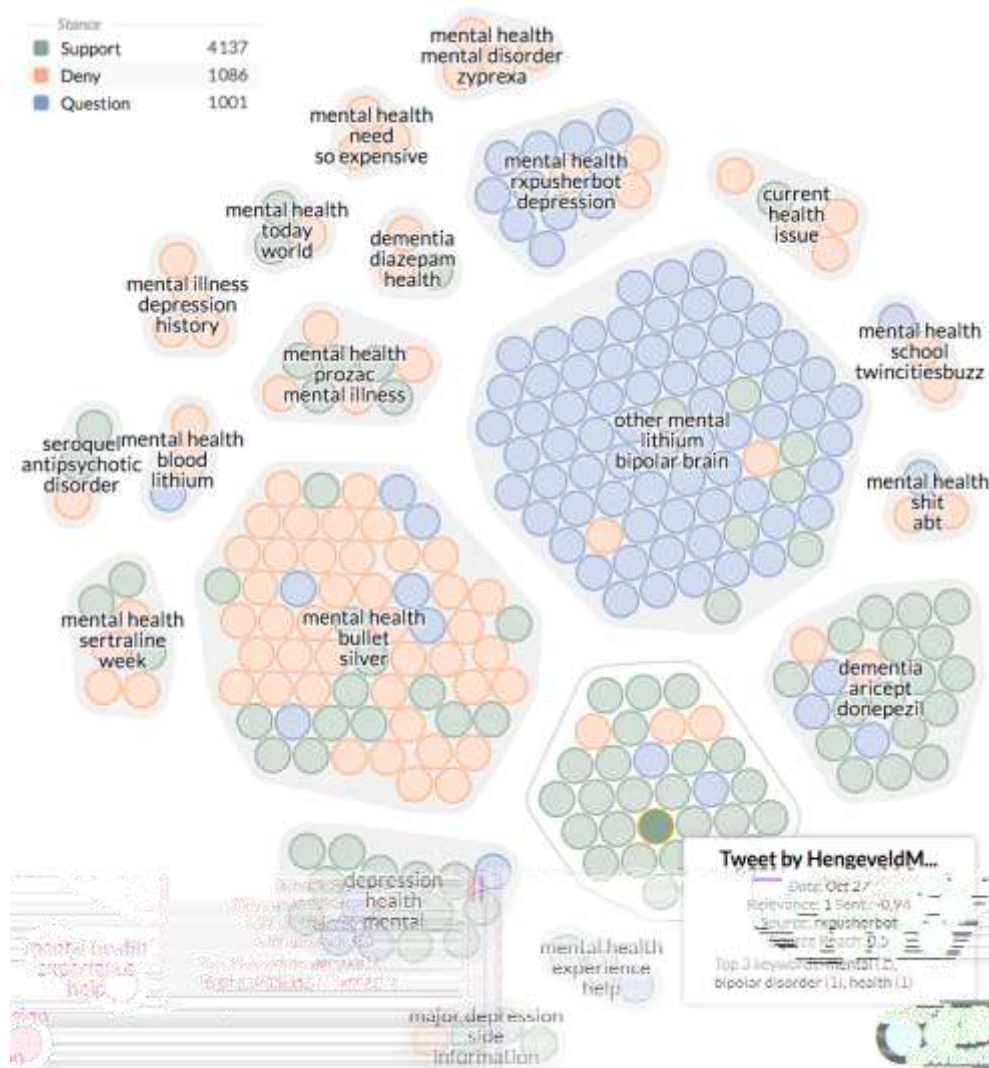


Cluster Analysis

Topic Classification

Cluster Analysis

Stance Classification



TOPICS

General Topics

Breaking News Topics	
☐ Crime, Law and Justice	896
☐ Economy, Business and Finan...	845
☐ Politics	821
☐ Disasters, Accidents and Eme...	713
☐ Science and Technology	497
☐ Conflicts, War and Peace	479
☐ Lifestyle and Leisure	458
☐ Health	395
☐ Sports	385
☐ Arts and Entertainment	240
☐ Environment	175

CURRENT SEARCH

☒ Environment	175
ASSOCIATIONS	
☐ food	63
☐ tank	25
☐ free	171
☐ full	299
☐ air pollution	10
☐ hurricane	583
☐ plastic	6
☐ summit	11
☐ business	137
☐ company	35
☐ discussion	17
☐ easy	21
☐ language	53
☐ loss	14
☐ rice	952



CLIMATE CHANGE + HURRICANE + HARVEY (25 articles)

28 Sep 2017, 13:00 - 04:00



Climate change made Hurricane Harvey more deadly

Climate change made Hurricane Harvey more deadly. Visit

<http://archive.nextanimationstudio.com> or contact inquiries@nextanimation.com.tw to licenseyoutube.comHurricane Harvey: Another Reason
We Cannot Ignore Climate Changeyoutube.comBreaking News - Climate change news:
nasa satellites peer into a lop-sidedyoutube.com

How to climate change

youtube.com

ELECTRIC + ASSESSMENT + ACCURATE (21 articles)

28 Sep 2017, 13:00 - 16:00



Cheap dacia electric cars could be close hints boss

Cheap dacia electric cars could be close hints boss. We always keep up with the latest news about cars. The objective and accurate assessment helps you understand and reference when

youtube.comToyota, mazda form electric car
technology ventureyoutube.comAudi Electric Cars To Be Built Around
The Worldyoutube.comChinese Electric Car in Pakistan Best
Rechargeable car in 2017 shifengyoutube.com

AIR POLLUTION + CITY + SADIQ KHAN (14 articles)

28 Sep 2017, 12:00 - 13:00



Sadiq Khan triggers alert for high air pollution in London - 247 Breaking News

Sadiq Khan triggers alert for high air pollution in London - 247 Breaking News. Sadiq Khan triggers alert for high air pollution in London The mayor of London, Sadiq Khan, has triggered the

youtube.comAir pollution uncontrolled in
Faisalabadyoutube.comEOSH CEB20202 Impact of Air
Pollutionyoutube.comNasofilters - A best way to get
protected from Air Pollutionyoutube.com

BRITISH + COMPANY + JAMES (14 articles)

28 Sep 2017, 12:00 - 13:00



amazing animated bottle brand british business
cinema city company constantly discussion
documentary easy exciting executive fan family
food free full future german green hoax
home hurricane industry language loss maria
market media moderator modern money motor
nyc old own place plastic puerto rico road
science solutions southern steve summit tank
technology today tourism toyota travel trump
twitter vacuum venture videos way website weird
wonderful work world writer wtf zone

TOPICS

General Topics

Breaking News Topics

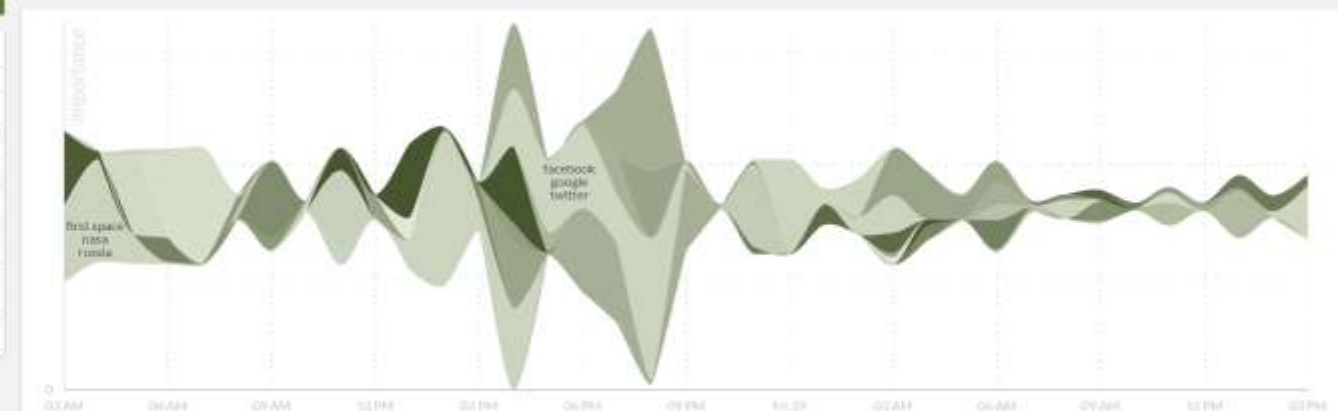
☐ Crime, Law and Justice	980
☐ Economy, Business and Finan...	899
☐ Politics	877
☐ Disasters, Accidents and Eme...	772
☐ Science and Technology	534
☐ Conflicts, War and Peace	534
☐ Lifestyle and Leisure	489
☐ Health	455
☐ Sports	400
☐ Arts and Entertainment	251
☐ Environment	196

CURRENT SEARCH

☐ Science and Technology 534

ASSOCIATIONS

☐ rico	994
☐ puerto	1079
☐ maria	370
☐ harvey	139
☐ relief	173
☐ island	99
☐ florida	85
☐ aftermath	50
☐ trump	1701
☐ response	111
☐ devastation	40
☐ juan	45
☐ recovery	51
☐ texas	46
☐ aid	93



Source	Count	Reach	Impact	Sentiment	
youtube station space station moon	426	0.5	21.3	+0.06	YouTube
vimeo.com website facebook back	47	0.5	23.5	+0.48	Vimeo
dailymotion.com book donald trump trump	21	0.5	10.5	+0.27	Dailymotion
abc puerto abroad island	2	0.5	1	0	ABC
maurizi_robot exciting clip event	2	0.5	1	+0.50	Twitter
seeker russia moon first space	2	0.5	1	0	Seeker
socialcommanduk happy facebook socialmedia	2	0.5	1	+0.70	Facebook
twitchyouttoday periscope city hall anti-trump	2	0.5	1	-0.39	Twitch
aeftc_canada complex leader production	1	0.5	0.5	-0.71	Twitter
anewscomtr russia	1	0.5	0.5	0	Twitter
archithnews navigation your congress	1	0.5	0.5	0	Twitter



america american astronaut back book change china
climate commander deep documentary earth event
experience facebook flight free full future great
hurricane instagram international island iss latest
look mars mission moon night oregon original page
part probe program project puerto putin rico rocket
russia russian secret stadium states station
stream sun system tech tobas today together trump
twitter use videos way website zuckerberg

InVID Verification Application



Climate change made Hurricane Harvey more deadly

Permalink

Description

<http://invid.condat.de/videos/59ce3f86a71eaa0266079215>

Visit <http://archive.nextanimationstudio.com> or contact inquiries@nextanimation.com.tw to license this or any News Direct video For story suggestions please contact tips@nextanimation.com.tw RESTRICTIONS: NONE Hurricane Harvey has brought an unprecedented levels of rainfall to Texas, threatening the lives of thousands or even tens of thousands. Scientists suggest climate change may have a role to play in this deadly storm. According to the department of atmospheric science professor at Pennsylvania State University, Michael E. Mann, the first global warming mechanism that may have made the impact of Hurricane Harvey so severe is the rapid rising sea levels in the Houston region, making the area more likely to flood. The second factor is the rising temperatures in the region which translates to more moisture in the atmosphere, bringing more rain to the region. Human-caused warming penetrating the ocean past the surface has resulted in a deep layer of warm water feeding hurricane Harvey when it intensified near the coast. Furthermore, global warming may have contributed to expanded subtropical high pressure systems which trapped hurricane Harvey in the middle, stalling it near the Texas coast. "In conclusion, while we cannot say climate change "caused" Hurricane Harvey (that is an ill-posed question), we can say is that it exacerbated several characteristics of the storm in a way that greatly increased the risk of damage and loss of life. Climate change worsened the impact of Hurricane Harvey," Professor Mann explained in a Facebook post. Climate experts said the rain would continue for another two or three days. Southeast Texas could see an additional 15 to 25 inches of rain while some areas could see as much as 50 inches of rain, the New York Times reported.

Author

News Direct

YouTube URL

<https://www.youtube.com/watch?v=0vKLeNqQhCQ>

Duration

00:00:47

Category

Published

Sep 28, 2017, 4:04:32 PM

Notes

Here is the first note.

Assessment/Notes

Assessment

Unconfirmed In progress Verified Faked

Notes Video set to 'unconfirmed'

Chrome Extension

[google/Fo873](https://www.google.com/chrome/extensions/invid)



SUSTAINABLE DEVELOPMENT GOALS

UNEP Live Web Intelligence

www.weblyzard.com/unep-live



POLITICAL COMMUNICATION

US Election 2016 Web Monitor

www.weblyzard.com/us-election-2016



PHEME – VERACITY INTELLIGENCE

Verification of Twitter Content Streams

www.weblyzard.com/pHEME



INVID – IN VIDEO VERITAS

Verification of User-Generated Videos

www.weblyzard.com/invid