

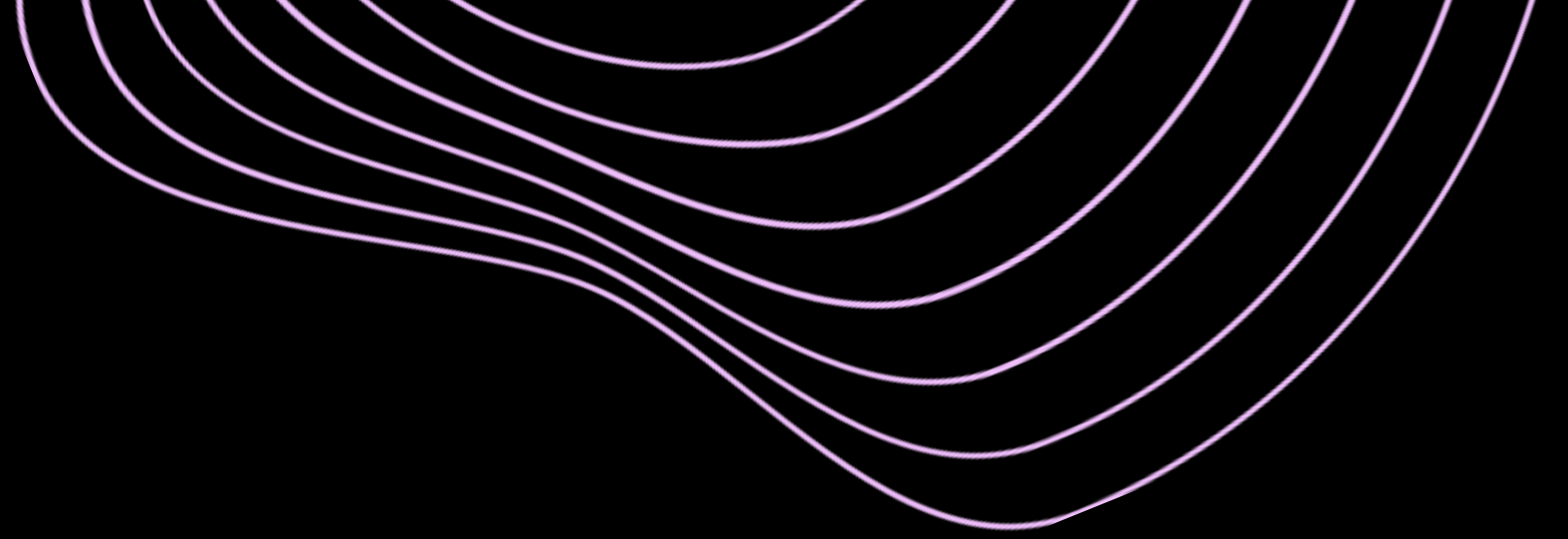


ARE UFOS REAL?



UFO SIGHTINGS IN THE
LAST CENTURY





Is there REALLY LIFE IN OUTER SPACE?

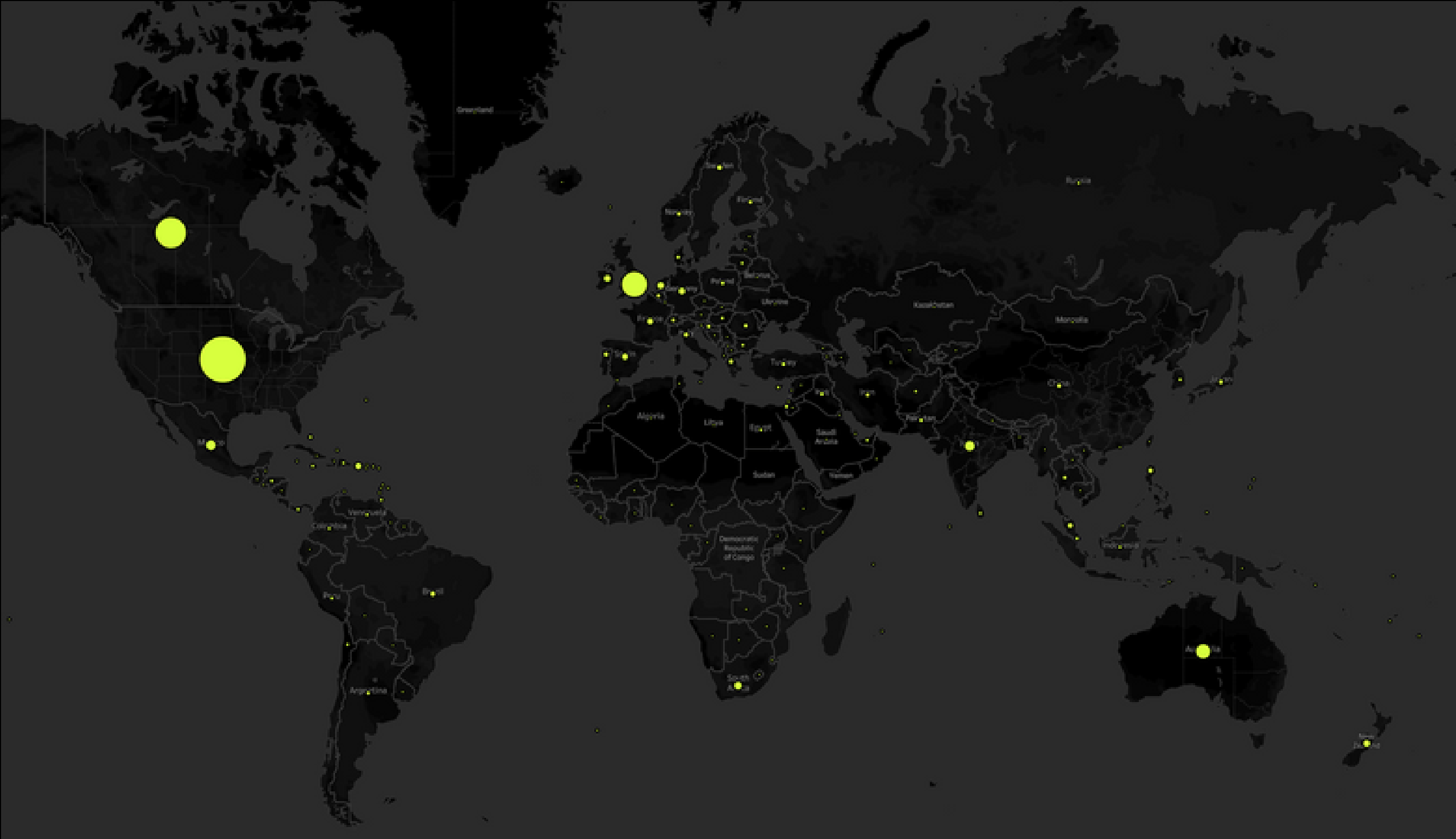
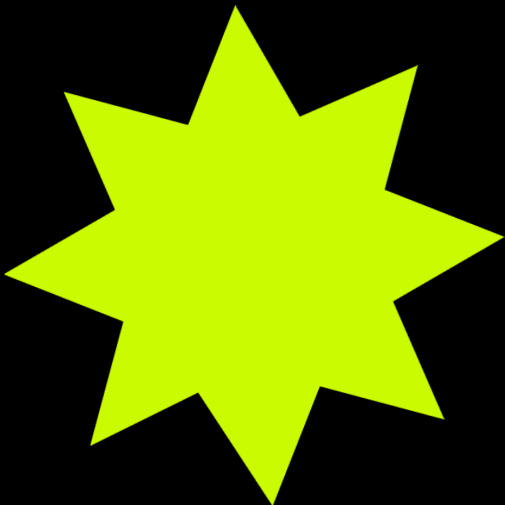
Do they know we are here? Are they trying to make **contact** with us? Or **surveilling** us?

These are questions we may not know in our lifetime, but what we do know, is that there have been strange sightings over the last century that could give us a hint if there is life beyond the stars. Or perhaps there is a logical explanation for these phenoms.

Let's find out.



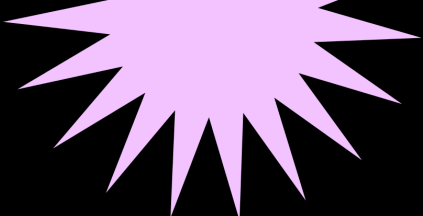
COUNTRIES WITH REPORTED SIGHTINGS



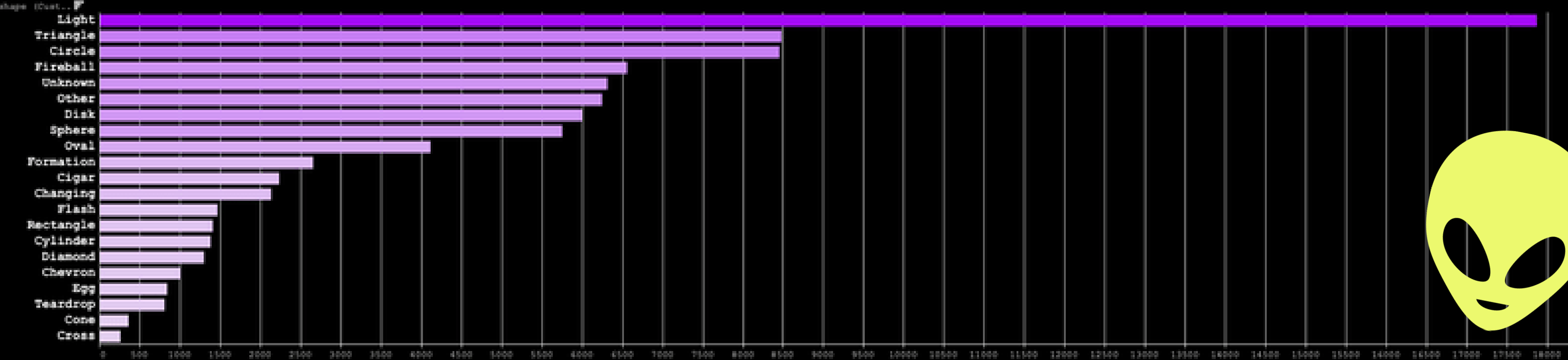
Top 10 Countries	
United States	90.15%
Canada	4.62%
Great Britain	3.06%
Australia	0.84%
Mexico	0.36%
India	0.29%
South Africa	0.18%
Germany	0.17%
New Zealand	0.17%
Netherlands	0.16%



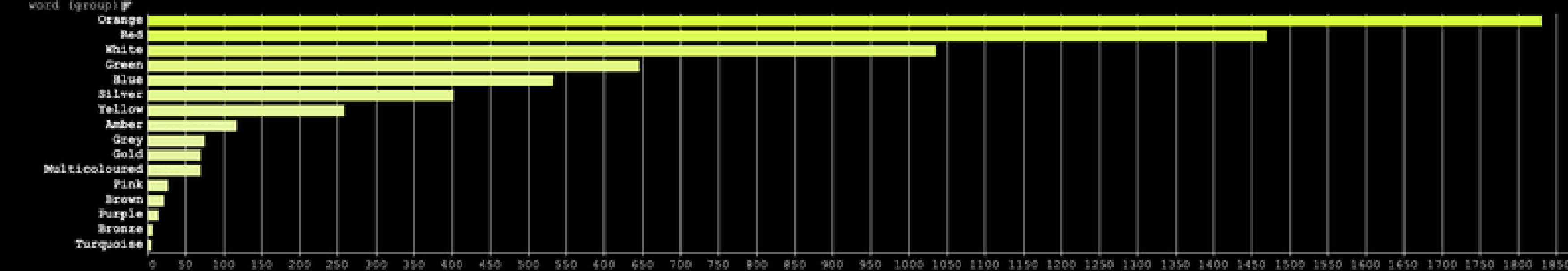
UFO DESCRIPTIONS



Shape



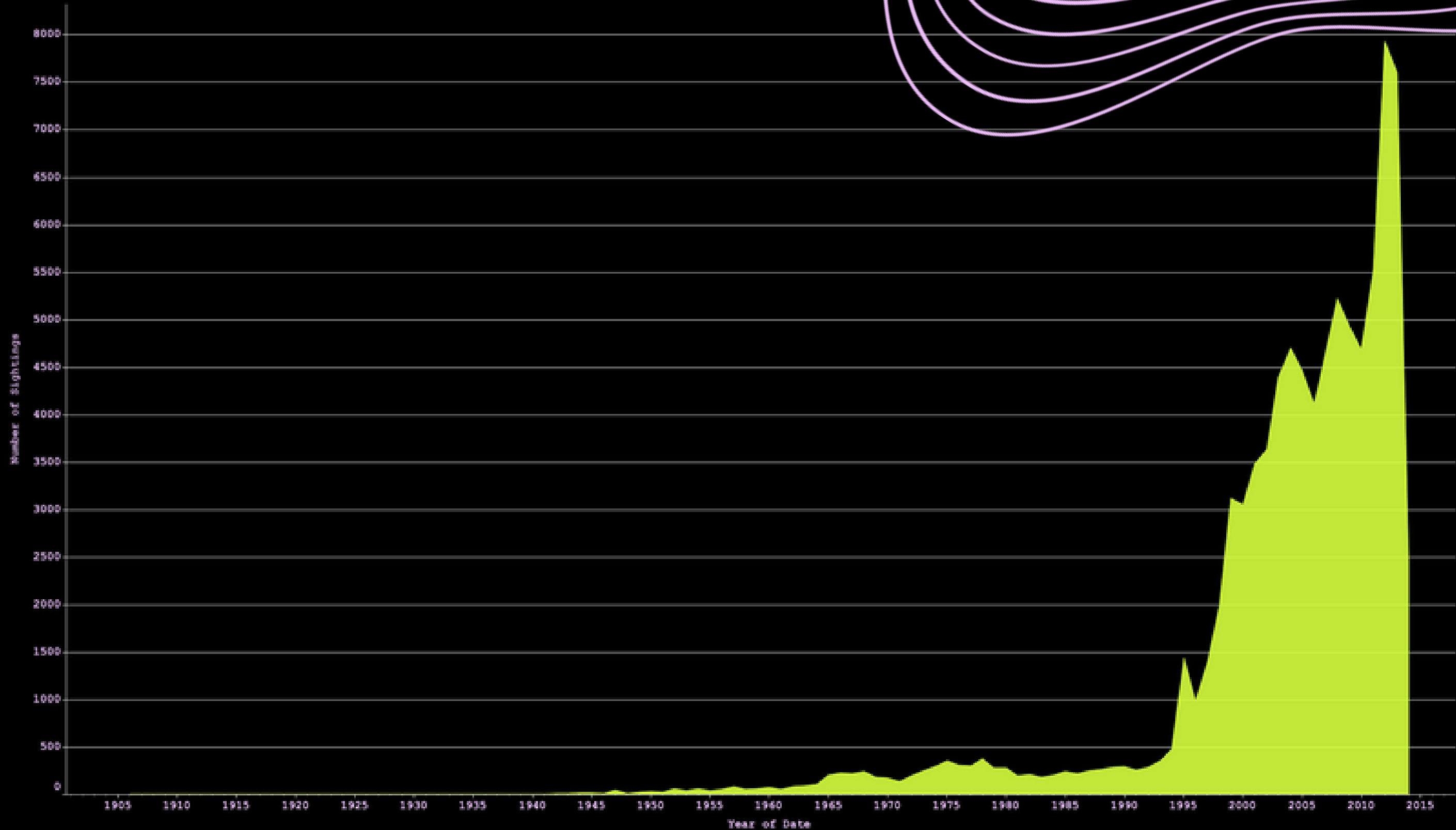
Colours





TOP YEARS FOR SIGHTINGS

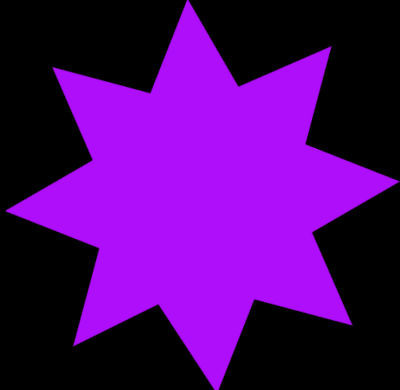
Number of Reported Sightings from 1906 - 2014



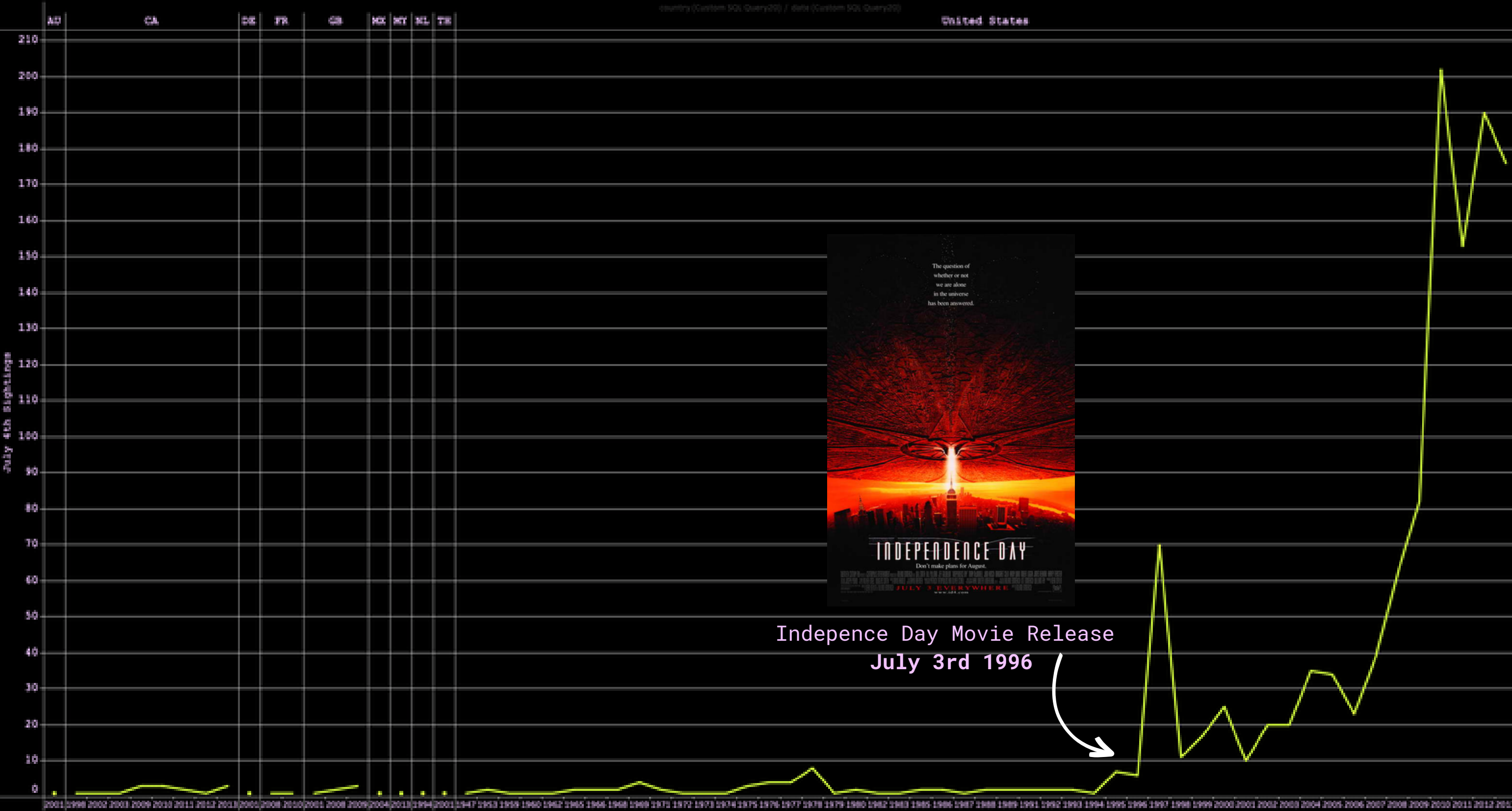
Top 20 Dates

Day of Top Date	#
July 4, 2010	206
November 16, 1999	195
July 4, 2012	191
July 4, 2013	180
July 4, 2011	155
September 19, 2009	129
January 1, 2014	99
December 31, 2013	96
October 31, 2004	94
July 4, 2009	88
July 6, 2013	80
January 1, 2012	75
January 1, 2013	75
March 13, 1997	74
July 4, 1997	70
December 31, 2012	70
July 3, 2011	69
September 1, 1999	68
August 18, 2012	68
July 4, 2008	65

JULY 4TH SIGHTINGS



July 4th Sightings 1947 - 2013



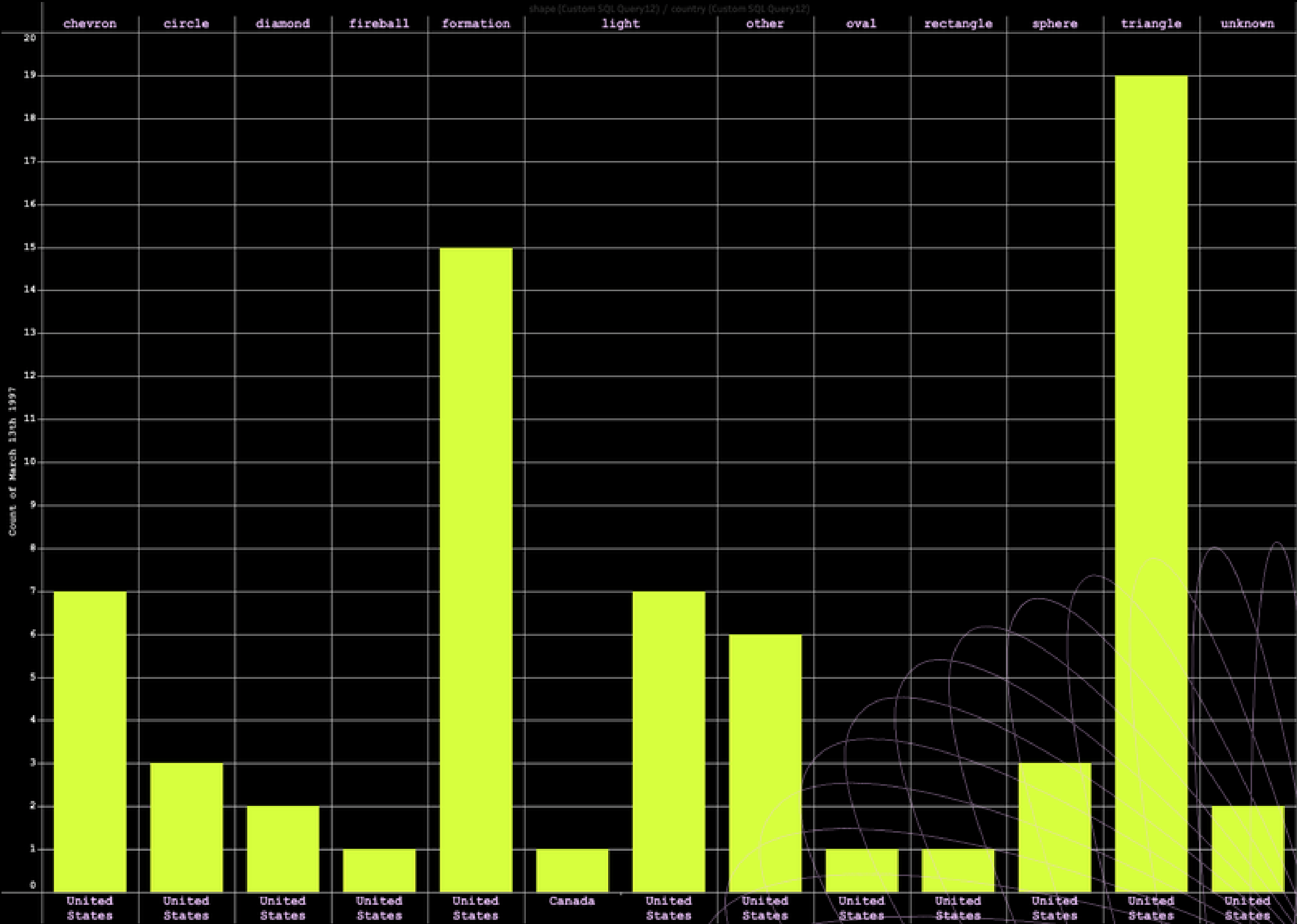
Independence Day Movie Release
July 3rd 1996

UFO sightings tend to **spike** on July 4th. Between 1995 and 2018, around 2% of all sightings recorded fell on this date.

In 1997, a year after the movie **Independence Day** was released, there were 74 sightings – more than ten times as many.

Independence Day is typically spent outdoors. Heavy alcohol use is not uncommon. **Intoxication** may cause some to confuse celebratory fireworks with an alien aircraft.

MARCH 13TH 1997



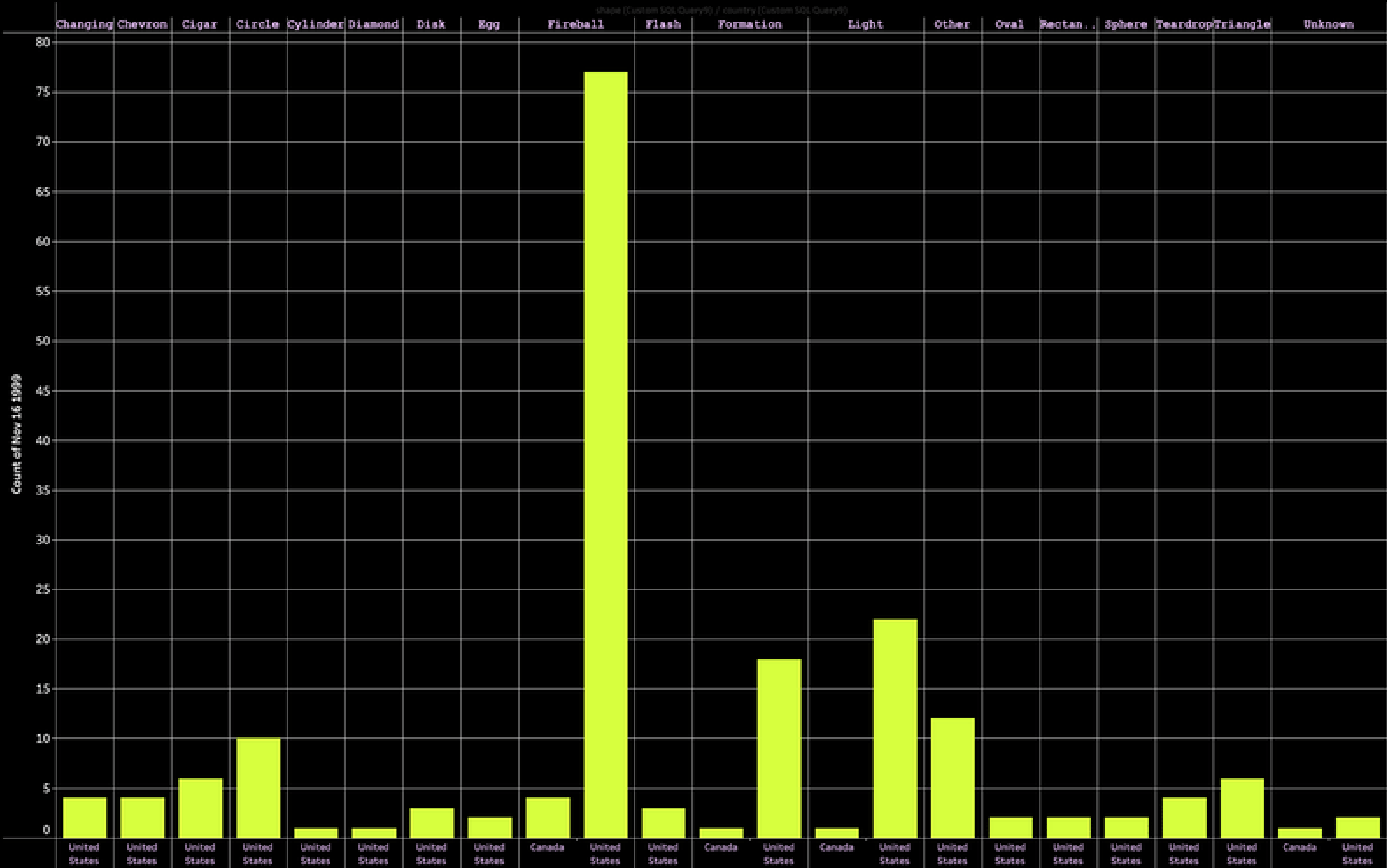
On March 13th 1997, 74 people mostly located in Arizona and Nevada, reported seeing a **triangular/chevron formation** with spherical lights.

Sightings were due to **aircraft** participating in Operation Snowbird, a pilot training program of the Air National Guard based in Davis-Monthan Air Force Base in Tucson, Arizona. The **group of lights** were later identified as a formation of A-10 Warthog aircraft flying over Phoenix.

NOVEMBER 16TH 1999



November 16th 1999 UFO Descriptions

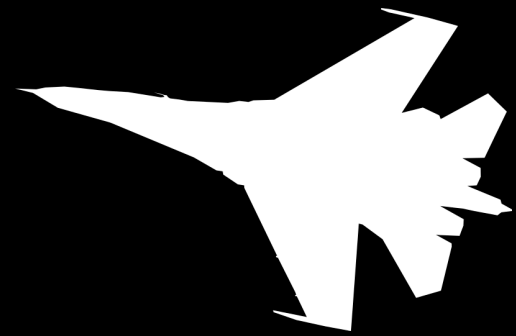


On Nov 16th 1999, 195 people mostly located in midwest US, reported seeing a bright blue/green fireball with a tail that did not fade.

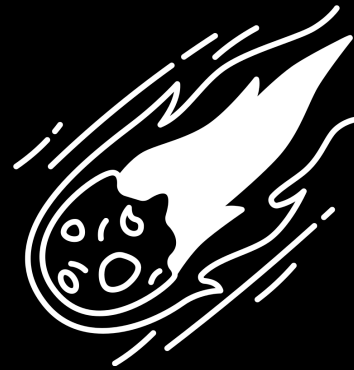
With the Leonids meteor shower beginning Nov 17th it may seem surprising that the Nov 16th fireball was probably not a Leonid.

Most observers reported that the November 16 fireball moved west to east, while Leonids travel north to south. It is possible that this meteoroid was a part of the debris stream of comet Tempel-Tuttle (the parent of the Leonids), it is far more likely to be an unrelated, sporadic meteor or perhaps a piece of “space junk” decaying from low-Earth orbit.

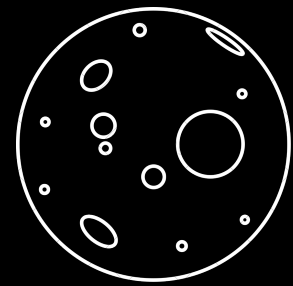
COMMON OBJECTS MISTAKEN FOR UFOS



Military Aircraft
/ Flares



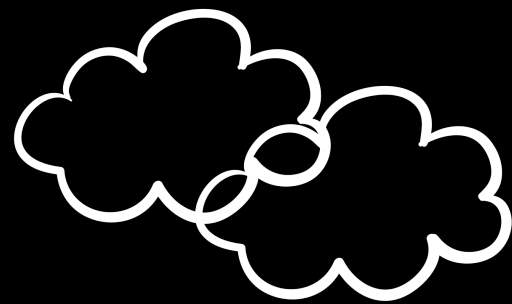
Meteor Fireball



The Moon



Missile Misfires



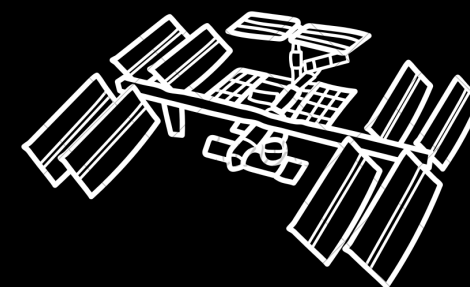
Strange Clouds



Sky Lanterns



Venus



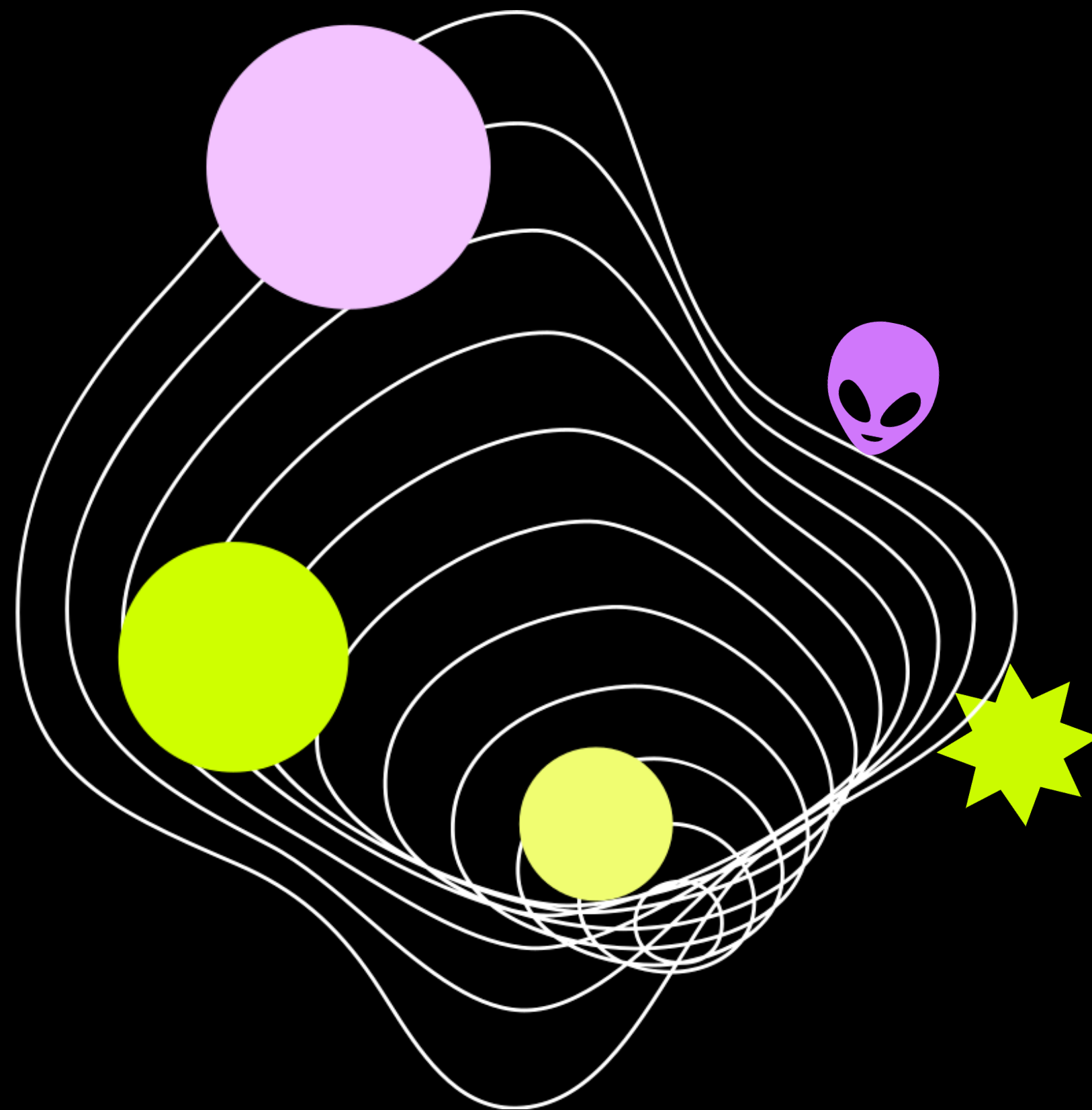
Satellites
/Space Stations

CONCLUSION

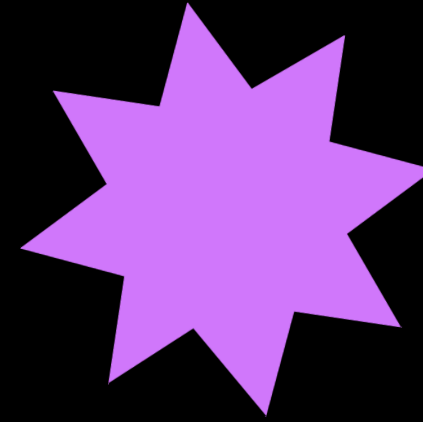
Most likely, people have been mistaken when reporting a UFO. Or perhaps the government really is covering something up.

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Regardless, the next time you are looking up at the sky, remember, it could also be looking back.



RESOURCES



UFO Sightings,
<https://www.kaggle.com/datasets/NUFORC/ufo-sightings>

'Are extraterrestrials extra patriotic?',
<https://www.economist.com/graphic-detail/2019/07/04/are-extraterrestrials-extra-patriotic>

'Phoenix Lights',
https://en.wikipedia.org/wiki/Phoenix_Lights

The Uniquely American Intrigue Around UFOs,
<https://www.npr.org/2021/06/28/1011043735/the-uniquely-american-intrigue-around-ufos>

'Huge Fireball Dazzles Midwest',
<https://spaceref.com/press-release/huge-fireball-dazzles-midwest/>

