

Extraterrestrial  
Institute

# UAP Activity Analytical Case Study 2023

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Teaser

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Over the years, there has been a growing interest and emphasis on studying Unidentified Flying Objects (UAP) as a fascinating phenomenon. The Extraterrestrial Institute has dedicated its efforts to analyze the scientific and fictional foundations of UAP,

aiming to shape the future of research and development in this field.

This special report marks the initial stride towards distinguishing fact from fiction in humanity's pursuit of understanding unidentified aerial phenomena. By consolidating the latest discoveries, trends, and advancements in UAP research, the Extraterrestrial Institute has established a comprehensive framework. This framework offers an advanced definition for UAP studies, propelling the field towards innovative research and development.

Despite ongoing investigations, conclusive evidence of alien life remains elusive. Therefore, the Extraterrestrial Institute has devised a sophisticated analytical system, continually enhanced through iterative updates and expanded functionality. This system transforms into a robust big data analytical tool, enabling humanity to comprehend the true state of affairs within the realm of UAP.

Consequently, this emerging reality necessitates the formulation and elucidation of pertinent policies and technologies for interactions involving unidentified aerial phenomena.

# The Shifting Epistemic Landscape of UAP/UFO

## Stigmatized Topic

The topic of unidentified aerial phenomena (UAPs), or UFOs, has long been stigmatized, with those who reported sightings often ridiculed and dismissed as crazy. The association with conspiracy theories and negative portrayals in popular culture has further hindered serious research into UAPs, discouraging many from taking the topic seriously.

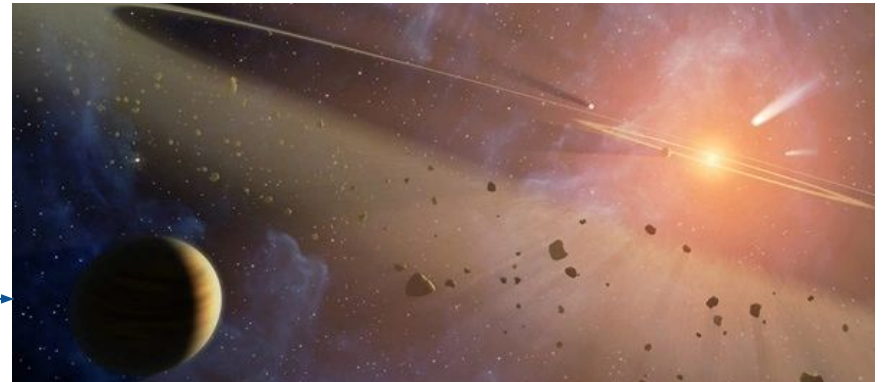
## Changing Attitudes

Recent years have witnessed a shift in attitudes towards UAPs, with a growing acceptance of their potential reality. High-profile sightings and better video evidence have contributed to this change, alongside the acknowledgment of UAP existence by the U.S. government and their investigation of the phenomenon.

*The Sun-like star Epsilon ( $\epsilon$ ) Eridani was one of Frank Drake's first targets in his search for extraterrestrial intelligence. Astronomers have since learned that the star anchors the closest known planetary system, depicted in this artist's conception, but no detectable life. **Credit: NASA/JPL-Caltech***

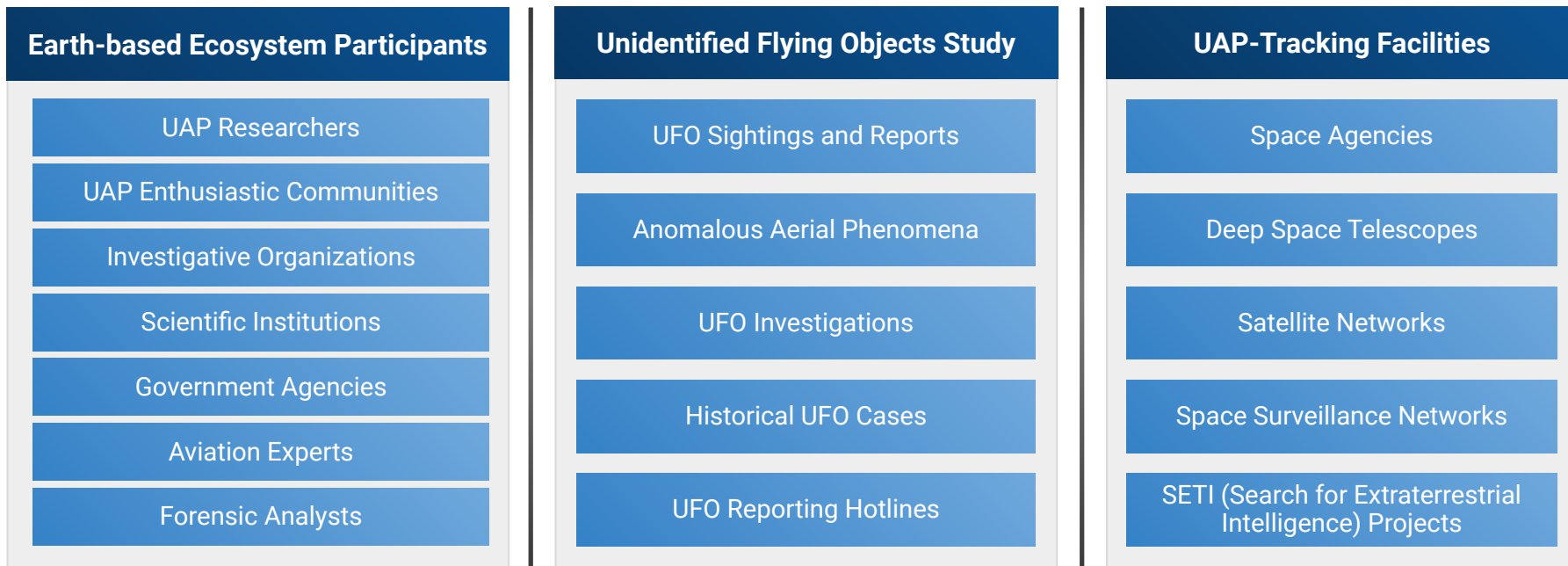
## Scientific and Political Importance

The study of UAPs is now considered a legitimate scientific field, with well-funded research organizations dedicated to its exploration. Scientifically, UAPs offer a unique opportunity to unravel some of the universe's mysteries, including clues about gravity, propulsion, and even our understanding of reality. Politically, UAP research holds significance as it may have implications for national security, with potential threats posed by UAPs capable of breaching restricted airspace or disabling military assets, raising espionage and intelligence concerns.



# The Advanced UAP Ecosystem Framework

The Advanced UAP Ecosystem framework is designed to provide a comprehensive structure for the study and investigation of unidentified flying objects. It encompasses various participants across Earth-based and outer space domains. Researchers and investigative organizations analyze reported UFO sightings and encounters, drawing from disciplines such as planetary science, astrobiology, and forensic analysis. By leveraging existing knowledge, exploring technosignatures, and employing extraterrestrial chemistry, the framework aims to build a systematic understanding of UAP phenomena, their potential origins, and implications.



# The Classification of Unidentified Anomalous Phenomena (UAP)

The Comprehensive Classification of Unidentified Anomalous Phenomena (UAP) is a robust framework designed to facilitate the study and analysis of unidentified flying objects. This classification system encompasses a wide range of categories and subcategories, including optical anomalies, electromagnetic effects, physical traces, human encounters, and advanced technology. Researchers and investigative organizations utilize diverse disciplines such as radar analysis, animal behavior studies, and close encounter testimonies to gain insights into these enigmatic phenomena.



# United States and Canada

In late January 2023, a large high-altitude balloon of Chinese origin, believed to be involved in signals intelligence gathering, was spotted near Malmstrom Air Force Base in Montana. It was later shot down off the coast of South Carolina on February 4. Additionally, three smaller unidentified aerial phenomena (UAPs) were detected in northern North America, with one being shot down over Alaska on February 10 and another over Canada's Yukon Territory on February 11. These incidents highlight the United States' policy on UAP threats, considering them as potential risks to air safety.



*The Office of the Director of National Intelligence (ODNI) reported investigating a total of 510 UAP incidents between 2004 and 2021, with an additional 247 incidents since 2021 and investigations into 119 sightings before 2021. The Pentagon established the All-domain Anomaly Resolution Office (AARO) to study UAP reports and make policy suggestions based on their findings. As of March 2023, 171 UAP reports investigated by AARO remain uncharacterized. AARO, building upon the work of the Unidentified Aerial Phenomena Task Force (UAPTF), demonstrates the U.S. government's commitment to taking UAPs seriously.*

In terms of international collaboration, Canada works closely with the United States through NATO and NORAD. Due to the absence of Canadian fighter jets, an American jet shot down a UAP over Yukon on February 11 under the authority of Prime Minister Justin Trudeau. The Canadian government also initiated its own investigation into UAPs, known as the Sky Canada Project, involving multiple government and civilian agencies. The findings of this investigation are expected to be released in early 2024.

Annie Fu/Ricki Lee/Insider

# Unveiling the UFO Whistleblower Claims of David Grusch

David Grusch, a former U.S. military intelligence officer, has made public claims about a highly secretive UFO recovery program maintained by the U.S. federal government. Grusch asserts that the government possesses "non-human" spacecraft and the bodies of deceased pilots, obtained with the assistance of the Vatican and Five Eyes.

The National Aeronautics and Space Administration (NASA) and the U.S. Department of Defense (DoD) have issued statements denying the existence of verifiable evidence for extraterrestrial life or the possession of extraterrestrial materials. However, the House Committee on Oversight and Accountability has tentatively scheduled a congressional hearing on UFOs in response to Grusch's claims.

Experts and media pundits have expressed skepticism towards Grusch's claims, highlighting the lack of concrete evidence and the pattern of similar claims made by individuals in the past. Some suggest the possibility of intentional disinformation campaigns or ulterior motives behind the UFO-related revelations.

## Congressional Hearing

Both NASA and the Department of Defense state that no evidence has been found for extraterrestrial life or possession of extraterrestrial materials. A congressional hearing on UFOs has been tentatively scheduled for late July 2023.



# High-Level Authorities Representatives on UAP



"The U.S. government has been studying unidentified aerial phenomena for quite some time, and I think it's important for the public to know that this is a very real and serious issue."

**Luis Elizondo, former head of the Pentagon's Advanced Aerospace Threat Identification Program (AATIP)**

"The UAP Task Force is committed to a comprehensive and scientific approach to the identification of UAP. We are working to gather data, analyze it, and share it with our interagency partners."

**Ronald Moultrie, Current Director of the Pentagon's Unidentified Aerial Phenomena (UAP) Task Force**



"The UAP Task Force has identified 144 reports of UAP that remain unexplained. These reports involve objects that have been observed in the air by military pilots and other trained observers."

**Scott Bray, Deputy Director of Naval Intelligence**



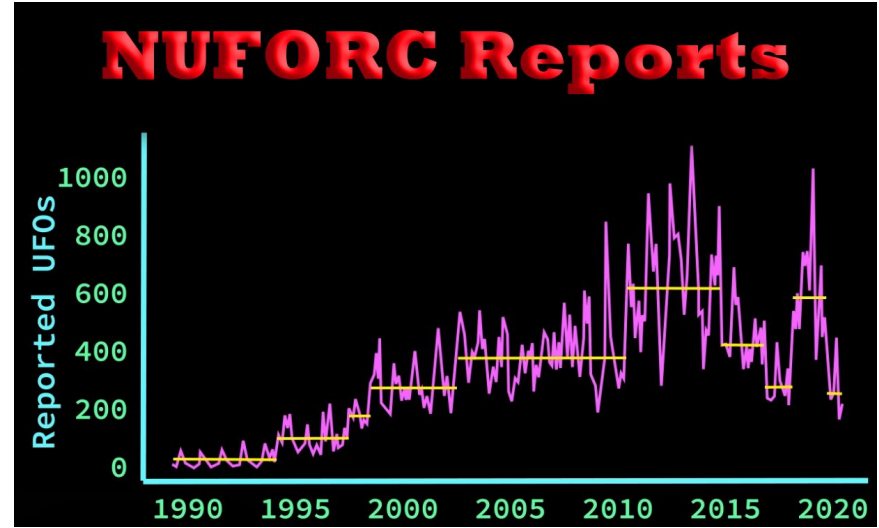
# National UFO Reporting Center (NUFORC)



NUFORC, founded in 1974 by Robert J. Gribble, has meticulously catalogued nearly 90,000 reported UFO sightings, with a majority occurring in the United States. Over its history, the center has played a crucial role in record-keeping and has provided valuable statistical data and graphs for researchers seeking information. Notably, Slate Magazine published an interactive graph created by the current director, Peter Davenport, showcasing the density of sightings in different areas. This extensive catalog serves as a valuable resource for analyzing the distribution and frequency of UFO sightings.

## Davenport's Work and UFO Phenomena

Peter Davenport, the director of NUFORC since 1994, describes himself as a UFO believer but skeptic. He has diligently catalogued various types of UFO phenomena throughout the years, including flying saucers, colored lights, and triangles. While Davenport has not claimed that any two phenomena are identical, his work has been commended by James Oberg for providing a valuable service in the field.



**Activity:** NUFORC is an organization that collects and analyzes UFO sighting reports from individuals across the United States. It serves as a central hub for reporting and documenting UFO sightings

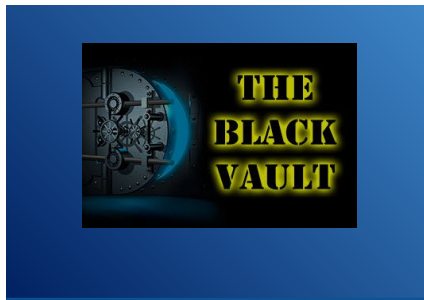
# UAP Research Initiative

At the moment, dozens of organisations, projects, and initiatives working around the world are aimed at identifying signals associated with signs of extraterrestrial life. At this stage of development, there has not been a single successful documented or confirmed attempt at such contact. However, the following organisations are making every effort.



[UAP Expeditions](#)

UAP eXpeditions is an initiative dedicated to the investigation and UAP or UFOs. This initiative is led by a team of experienced researchers, scientists, and technology experts, aiming to systematically observe and analyze UAPs using advanced technology and scientific methods.



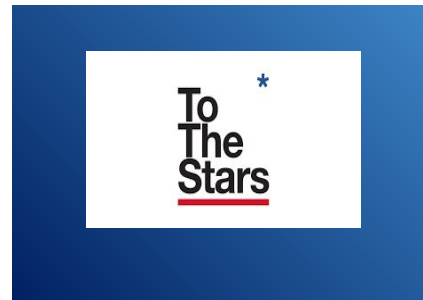
[The Black Vault](#)

The Black Vault, founded by John Greenwald Jr., is an important resource that has conducted research on the UFO and UAP phenomena. It has created an open archive by collecting government documents related to UFO/UAP observation reports, air force records, and classified operations.



[IFEX - Interdisciplinary Research Center](#)

The research center in Würzburg-Uni is dedicated to the study of UFO phenomena and extraterrestrial science. A course called "Fundamentals and Methods of UAP Research" was started in Würzburg.



[To The Stars Academy of Arts&Science](#)

As an initiative established to support research on the UFO and the UAP phenomenon, collect scientific data and inform the public, it carries out various projects to conduct scientific studies on the UAP phenomenon, analyze the observation data and raise public awareness.

# UAP Global Sightings

Unidentified Aerial Phenomena (UAP) are often associated with the probability of signs of extraterrestrial life.

## World Map of Single or Group Sightings



This map represents the density of UAP single or group sightings throughout the world. According to the statistics, the most frequent sightings are occurred in the USA and Western and Central Europe, which are considered to be the most developed parts of the world.

# 2017 Sighting Confirmed by Pentagon

Type: Sighting

Authority: US Government

These still shots are from the video that leaked out in 2017 and **was confirmed** to show **unidentified aerial phenomena by Pentagon** in 2020. 'The Department of Defence is releasing the videos in order to clear up any misconceptions by the public on whether or not the footage that has been circulating was real, or whether or not there was more to the videos. The aerial phenomena observed in the video remain characterised as 'unidentified.'

US Department of Defence

*'I've talked to those Navy pilots. They know that they saw something. I've asked our scientists here at NASA, if they'll see if they can help us have any understanding of something that we do not know what it is.'*

Bill Nelson, former astronaut and NASA Administrator



# The Search Continues

Type: Signal

Authority: Chinese FAST

A radio signal with characteristics of an extraterrestrial civilisation was discovered by Chinese astronomers. It had an extremely narrow bandwidth at a frequency of 140.604 MHz, which is a precision that nature does not typically accomplish on its own.

The Five-hundred-meter Aperture Spherical Radio Telescope, also known as FAST, was used to make the discovery. The exoplanet Kepler 438 b, a rocky planet around 1.5 times the size of Earth that orbits in the so-called habitable zone of Kepler 438, a red dwarf star hundreds of light-years away in the constellation Lyra, was the target of the telescope. It is a potential home for life due to its surface temperature, which is predicted to be 37°F.

The 2016 construction of China's massive new FAST telescope, popularly known as 'Sky Eye', included consideration of SETI.



An aerial view of the FAST telescope in China's Guizhou province. Astronomers there recently detected a signal that was mistaken for extraterrestrial intelligence.

Credit: National Astronomical Observatories of the Chinese Academy of Sciences



# The Roswell Incident

The Roswell Incident is one of the most famous UFO events in history. In July 1947, a rancher in Roswell, New Mexico, found debris that he believed was from a crashed alien spacecraft. The military initially claimed that the debris was from a weather balloon, but later changed their story and said that it was from a top-secret project. The Roswell Incident has been the subject of much speculation and debate, and it remains one of the most enduring mysteries of UFOlogy.



As the incident garnered attention, it received substantial media coverage, triggering a wave of public curiosity and contributing to the lasting enigma that surrounds the event to this day.



**The photo vividly captures the extensive wreckage of the UFO that the farmer discovered, providing compelling evidence of the extraterrestrial encounter. Additionally, it reveals a captivating fragment of a video showcasing the meticulous preparation process of the enigmatic alien, offering a tantalizing glimpse into their unknown origins and advanced technology.**

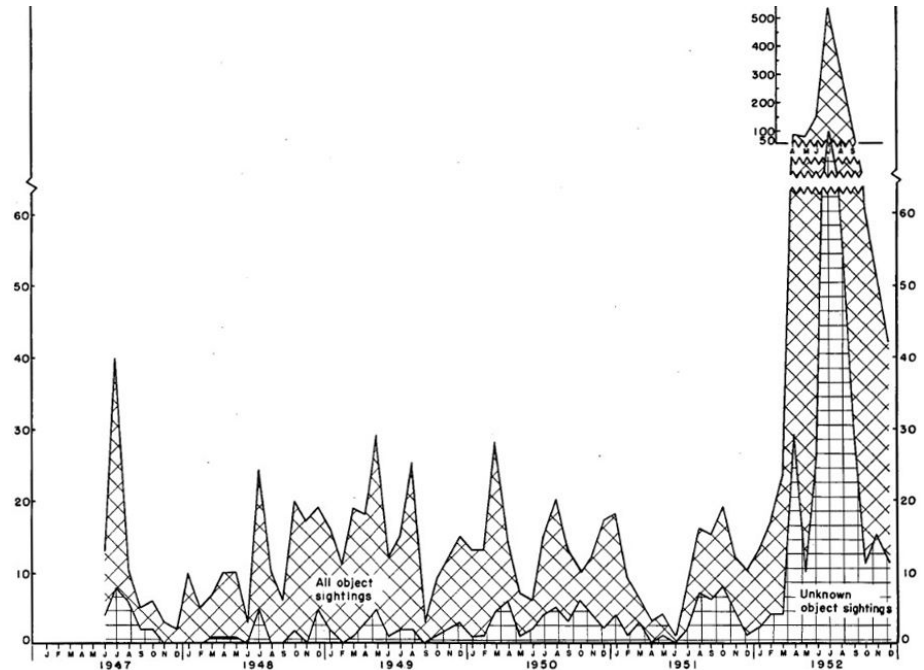
# Statistics of Media Reports on UFOs after Roswell Incident

Since the Roswell Incident, media reports on UFOs have experienced a significant surge, with a marked increase in coverage and public interest. Statistical analysis reveals a steady rise in the number of articles, documentaries, and television programs dedicated to exploring UFO sightings and encounters. Furthermore, the statistical data indicates a diverse range of perspectives within media reports on UFOs after the Roswell Incident. While some articles and broadcasts maintain a skeptical stance, others present a more open-minded approach, fostering a broader discussion on the phenomenon.

As we can see in the graph, **the first spike** in UFO reports coincides with The Roswell Incident, which occurred in 1947, and its media coverage.

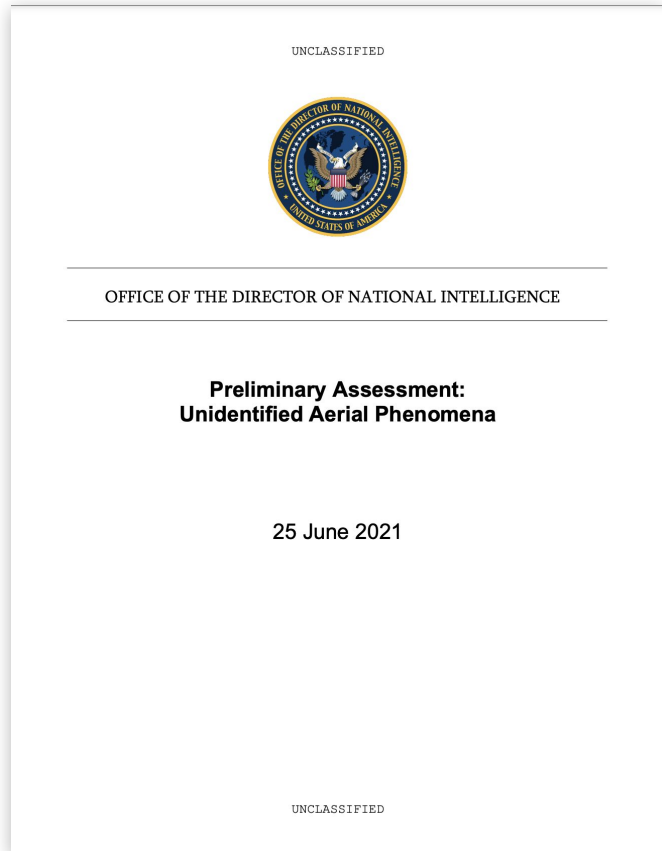
**The second surge** of reports came in 1952, the year of the Washington Carousel events.

From this graph we can conclude that the public reacts strongly to media reports about UFOs.



The frequency of reports of UFO sightings and the number of objects by months 1947-1952.

# Preliminary Assessment: Unidentified Aerial Phenomena



'Preliminary Assessment: Unidentified Aerial Phenomena', also known as the UAP Report and colloquially misnamed the Pentagon UFO Report, is a United States federally mandated assessment, prepared and published by the Office of the Director of National Intelligence on 25 June 2021, which summarises information regarding UAP that include unidentified flying objects. Substantial public attention had been given to the mandated June report, fueled by statements by former high level officials in the US government, including former president **Barack Obama** who stated in June 2021 **'...there's footage and records of objects in the skies, that we don't know exactly what they are'**.

## UAP expanded classification categories



**Airborne Clutter**

**Natural Atmospheric or Other Phenomena**

**Human-related Phenomena**

**Industry Developmental Programs**

**Unclassified Governmental Technology**

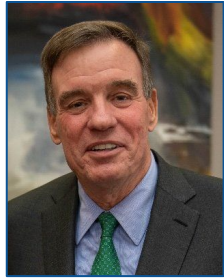
**Unclassified Private Technology**

**Other**

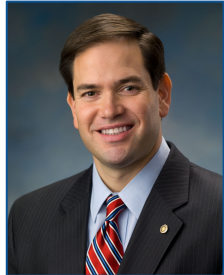


# AI to Identify and Track UAP

The report by the Unidentified Aerial Phenomena Task Force calls for use of Artificial Intelligence and Machine Learning software to 'cluster and recognize similarities and patterns in features of the data points' already collected, as well as future data. It suggests using high-altitude balloons and other means to assess future UAP reports.



'The US must be able to understand and mitigate threats to our pilots whether they're from drones or weather balloons or adversary intelligence capabilities'. – **Mark Warner**, chair of the Senate Select Committee on Intelligence.



'The report is an important first step in cataloging these incidents, but it is just a first step. The Defense Department and intelligence community have a lot of work to do before we can understand whether these aerial threats present a serious national security concern'. – **Marco Rubio**, vice chair of the Senate Intelligence Committee.



The People's Liberation Army of China (PLA) stated on UAP that they are 'unidentified air conditions' – a phrase which echoes the US military's 'unidentified aerial phenomena' – but to the public, they are better known as unidentified flying objects, or UFOs.

According to Wuhan-based researcher Chen Li from the Air Force Early Warning Academy, analysts have been overwhelmed in recent years by the rapidly mounting sighting reports from a wide range of military and civilian sources across the country.

The PLA's task force dedicated to the unknown objects increasingly relies on AI technology to analyse its data, according to Chen's report, which is in line with several other military studies published in domestic journals most recently – in August 2021.

# American Presidents About UFO

## Barack Obama, 44th US president

Barack Obama offered a blunt assessment of the videos of UAP that have continued to gain attention in the USA.

**'What is true, and I'm actually being serious here, is that there is footage and records of objects in the skies that we don't know exactly what they are',** he said.



## Donald Trump, 45th US president

During an interview on Dan Bongino's new radio show, Donald Trump was asked about the existence of UFOs in light of the upcoming release of a report on the phenomena.

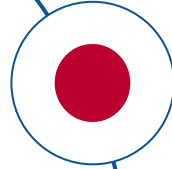
**'I'm not such a believer, but some people are, so I do not want to hurt their dreams or their fears',** said Trump.



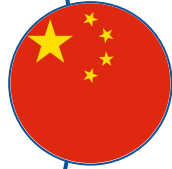
# Government Responses on Extraterrestrial Activity



One of the NASA divisions is the Office of Safety and Mission Assurance (OSMA), also known as the Planetary Protection Office. A part of its mission is to 'rigorously preclude backward contamination of Earth by extraterrestrial life'.



In 2020, the Japanese Defense Minister Taro Kono stated that Self-Defense Forces pilots have never encountered a UFO and that he does not believe in UFOs. He also said he would consider issuing protocols for such encounters.



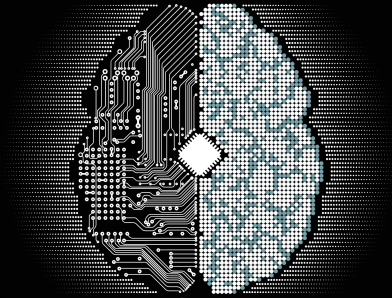
In 2016, the Chinese Government released a white paper detailing its space programme. According to the document, one of the research objectives of the programme is the search for extraterrestrial life. It is also one of the objectives of the Chinese Five-hundred-meter Aperture Spherical Telescope (FAST) programme.



In 2018, the German Ministry of Economics stated that the German government has no plans or protocol for the case of a first contact with aliens as the government perceives such event as 'extremely unlikely'. It also stated that no cases of a first contact are known.



In 2020, chairman of the Israel Space Agency Isaac Ben-Israel stated that the probability of detecting life in outer space is 'quite large'. But he disagrees with his former colleague Haim Eshed who stated that there are contacts between an advanced alien civilisation and some of the Earth's governments.



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