"UFO SIGHTINGS DURING DRASTIC DECLINES IN WORLD ECONOMY"

By Dr. Bob Wenzel Gross

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INTRODUCTION

During 2019, experts predicted that a worldwide Great Depression could reoccur. That same year, Coronavirus Disease 2019 (COVID-19) emerged. Also during 2019, UFO sightings in North America skyrocketed. Did additional UFOs suddenly appear to monitor Earth's new dilemmas?

As far as we know, Earth is the only inhabited planet. Life requires water, atmosphere, energy, and nutrients at appropriate levels and temperatures. Earth's surface has water. Mars once had surface water, and Mars still has water ice in its polar ice caps. However, Mars' atmosphere is too insignificant to properly insulate the planet. In our solar system, only Earth, Venus, and Titan have significant atmospheres. Venus's atmosphere is much thicker than Earth's, and is made almost entirely of greenhouse gasses.

On Earth, an Unidentified Flying Object, commonly known as a UFO, is considered an unexplained aerial phenomenon. Researchers search for shared patterns in UFO incidents. UFO events often contain a wealth of patterns to investigate. UFO research involves recognizing and dissecting parallel patterns imbedded in UFO mysteries.

UFO enthusiasts and other inquisitive human beings demonstrate a fondness for poring over, analyzing, and evaluating data about unexplained aerial phenomena. Probes into UFO case histories often reveal direct and circumstantial evidence wrapped within obscured patterns. Through the use of scientific methodology, unmistakable pattern elements are now emerging. As a result, we ought to get ready for a rash of curious inquiries about UFO sightings that happened around the time of the economic downturn initiated by the COVID-19 pandemic.

At present, there are two subcategories of UFOs: *Temporary UFOs* and *Genuine UFOs*. Temporary UFOs are unexplained aerial phenomena that eventually acquire a conventional explanation. On the other hand, Genuine UFOs are unexplained aerial phenomena that do not have an obvious conventional justification. Genuine UFOs account for between 5% and 20% of all UFO sightings (TEDx, 2020).

Page **2** of **15** © 2020 Robert W. Gross

For a lot of years, individuals and groups have been attempting to detect, record, and track scientific data about reported sightings of unexplained aerial phenomena. At the moment, serious researchers are still having hopes of identifying what these things actually are and where they come from.

Some scientists say UFOs may be piloted by creatures from outer space seeking to destroy Earth's humans in order to protect their own extraterrestrial civilizations. Such seek and destroy missions might be initiated because Earth produces gases that contribute to the greenhouse effect. Greenhouse gases absorb and emit infrared radiation. Earth's rising greenhouse emissions would serve as a warning to aliens that human beings are swiftly becoming a universal escalating hazard.

Systematically recording various scientific data (written documents, photos, videos, electromagnetic radiation scores, aesthetic responses, etc.) about unexplained aerial phenomena would show that the UFO phenomenon can be studied in a rigorous and methodical fashion. But, little robust and unbiased science has been done on UFOs. Humanity in general is vastly uninformed—and misinformed—about UFOs.

In regard to Genuine UFOs, the Drake Equation ($N = R_* \times f_p \times n_e \times f_1 \times f_i \times f_c \times L$) may be used to determine the number of extraterrestrial civilizations in our galaxy with which communication might be possible. The equation was first proposed by radio astronomer Frank Drake in 1961. His calculation is still used today to estimate the odds of finding intelligent life in the universe (Drake Equation, n.d.).

The final variable in Drake's equation is *L*. *L* stands for the lifetime of communicating civilizations. *L* is essentially a measure of the civilizing or socialization process. Underlying factors may include biocultural evolution and coevolution.

Evolution, especially when people are involved, may have a cultural component to it. This situation is termed biocultural evolution. It refers to the interplay between biological and cultural factors that shape evolutionary changes. Socialization is the interaction between the evolution of cognition and social activities that involve behaving in a friendly way to others. Drake's *L* variable addresses concepts related to the end of time: Doom, catastrophes, and the significance of history. Variable *L* also takes into consideration how and why advanced civilizations (with political parties, material goods, scientific advances, and fine arts) fall.

About a decade ago, British physicist, Stephen Hawking, hinted that extraterrestrials might be more likely to conquer humanity than make friends with human beings. Hawking said it might make sense for advanced aliens to defeat and colonize whatever planets they can reach.

Afterward, the aliens may exploit these new planets for the materials needed to build more spaceships so they can move on (Moskowitz, 2010).

Regardless, UFOs may be monitoring Earth's life expectancy as a communicating civilization. The science fiction readers among us might be willing to entertain the more outlandish possibility that intelligent extraterrestrials are piloting UFOs. This is commonly known as the extraterrestrial hypothesis (ETH). The ETH theory proposes that some UFOs are best explained as being physical spacecraft occupied or controlled by extraterrestrial beings (Extraterrestrial Hypothesis, n.d.).

Conversely, some researchers are certain that unexplained aerospace craft are not under the control of smart extraterrestrials. They conjecture that the Chinese or Russians may have craft that can track and outmaneuver the United States military. Too, UFOs could be secret United States experimental craft—aerospace vessels not known to seasoned military pilots. UFOs may merely be a byproduct of the entanglement of two or more contemporary US government projects. At least two prominent UFO incidents from years gone by involved sightings of unexplained flying objects that were designed in part to monitor nuclear explosions detonated in the atmosphere. The following two popular UFO cases involved temporary UFOs.

THE 1965 KECKSBURG INCIDENT: A TEMPORARY UFO

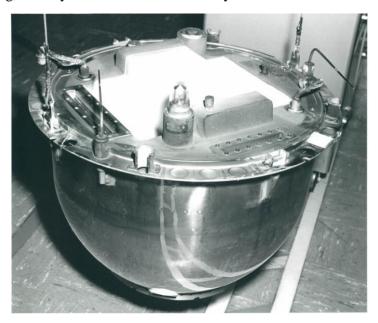
After the success of the Corona spy satellite program in 1960, users of imagery intelligence developed big appetites for more space based photoreconnaissance. In 1962, a Corona reentry system was modified to conduct a Starfish radiation assessment. No photography or recovery was planned for the October 26, 1962 launch (Oder, Fitzpatrick, & Worthman, 1988).

Beginning in 1963, the United States would operate at least two additional film-return satellite projects. They were named Gambit and Hexagon. The introduction of the Gambit experiment provided the United States with the ability to take higher resolution images of specific targets. Gambit complimented Corona's wide area coverage. Corona's coverage allowed the United States to continue to search broad areas of the Soviet Union and China to locate intercontinental ballistic missile sites, nuclear test facilities, and other strategic targets.

Search and surveillance from space was a key strategy for the United States to fight the Cold War. Film-recovery payloads climaxed with the development of the Hexagon series of satellites. Approved for design and development by the US government in 1964, the Central Intelligence Agency (CIA) designed Hexagon as both a high resolution and wide area coverage system (Historical Documentation & Research Section of the Center for the Study of National

Reconnaissance, 2011). In spite of everything, the average rate of economic growth during those years was below the rates recorded in the 1950s.

Corona satellite KH-4A 1027 was launched from Vandenberg Air Force Base in California at 1:07 P.M. (Pacific Time) on December 9, 1965. Due to alleged issues with the spacecraft's orientation in flight, one of its recovery vehicles, RV-1, was separated from the main body of the satellite prior to it achieving orbit. RV-1 contained a golden film bucket that hid a nuclear experiment inside. RV-1 and its film bucket navigated a suborbital path and made a rather soft landing at Kecksburg, Pennsylvania later that same day.



A black and white photograph of a Corona film bucket with strobe light (Courtesy of the National Reconnaissance Office).

A NASA report listed a Phillips Laboratory nuclear experiment on board Spacecraft KH-4A 1027. After it touched down, the US Army returned the recently crashed forebody and golden film bucket, along with related radioactive materials, to the US Air Force at Wright Patterson Air Force Base (WPAFB). This event took place on December 11, 1965. That meant the enclosed nuclear experiment was returned by the US Army—not recovered by the US Air Force.

No data was collected from the Phillips Laboratory's magnetosphere experimentation (National Aeronautics Space Administration, 2017). The information gathering component of the onboard research project was damaged when the bucket made contact with some trees prior to landing. Objects from the Corona satellite payload were transported to Dayton, Ohio because WPAFB maintained a landfill for radioactive materials there (Engineering Science, 1982). Two days after

launch, KH-4A 1027's RV-2, which contained a film bucket with exposed film from the mission, was recalled from its orbit and recovered by one of many US Air Force Corona Recovery Teams.

In summary, Corona Satellite KH-4A 1027 was launched from Vandenberg Air Force Base in California on December 9, 1965. One of the satellite's recovery vehicles (RV-1) separated early from the satellite due to an alleged attitude issue. Consequently, there is a high degree of probability that this recovery vehicle was the object that landed at Kecksburg, Pennsylvania on December 9, 1965. RV-1's ablative forebody in combination with its golden film bucket made up the bulk of the mysterious object that crash landed at Kecksburg. Therefore, Kecksburg UFO was neither a man-made deep space probe with unique reentry control capabilities, nor a deep space probe from a planet other than Earth.

THE 1947 ROSWELL INCIDENT: ANOTHER TEMPORARY UFO

Qualified individuals projected that post World War II economic turmoil would be so severe that it would generate widespread violence. At any rate, from 1942 to 1945, Dr. Robert H. Goddard and his rocketry team developed and tested German V-2-like rockets in Roswell, New Mexico. A passive communications satellite system was proposed by science fiction writer Arthur C. Clarke in 1945. Passive communications satellites were intended to be inflatable spheres with a thin metal-coated plastic skin. By 1946, Dr. Athelstan F. Spilhaus, was developing high-altitude polyethylene balloons that would stay at a constant height. In 1947, a team from New York University (NYU) began launching experimental high-altitude balloon test flights from Alamogordo, New Mexico. Goddard's rockets would in time launch similar satellites into space.

During this decade, at least two contemporary covert US government projects became entangled and functioned as a false flag operation. Project Mogul, a TOP SECRET project of the US Army Air Forces, involved flying high-altitude balloons with microphones attached. The project's main purpose was to detect long-distance sound waves generated by Soviet atomic bomb tests. The Mogul venture was officially carried out from 1947 until early 1949. Mogul's mission was successful, but it was expensive. It was followed by a network of seismic detectors and air sampling devices for measuring nuclear fallout.

The early Mogul balloons consisted of large arrays and clusters of rubber weather balloons. These balloons were quickly replaced by larger ones made of polyethylene plastic. The replacement balloons were more durable, leaked less helium, and held a constant high altitude better than the early rubber balloons ("Project Mogul," n.d.).

Project Mogul ended around 1949. During 1950, the US government got completely involved with Mylar-like balloons made by General Mills (Headquarters United States Air Force, 1995).

Mylar balloons, sometimes called satelloons, would eventually be required for the US government's on-going interest in passive communications satellites. The unique metallic artifacts recovered from a debris field on a ranch near Roswell in 1947 were remnants of an experimental high-altitude balloon prototype.

Dr. Goddard's rockets mentioned above were intended to inject passive communications satellites (metalized polyethylene balloons) into orbit around Earth. Members of the Dr. Goddard rocketry team were living and working near Roswell in 1947. It is highly probable that throughout 1947, experimental precursors of metalized inflated polyethylene satelloons were covertly undergoing all sorts of testing. The testing was done in conjunction with the NYU and Watson Labs experimental high-altitude New Mexican balloon launches.

Predictably, during July 1947, prototype metal-coated plastic balloons were launched via a series of experiments. Unfortunately, at least one such balloon was torn to shreds because of extremely high altitudes, high winds, or lightning. The unfortunate accident occurred in the Roswell vicinity. A unique inflatable high-altitude metalized balloon prototype—designed to ultimately function as an extraterrestrial relay—literally exploded into pieces. Hundreds of shards from the metal-covered balloon, as well as other debris from the experimental balloon train, floated down upon a ranch outside of Roswell.

A considerable amount of the debris retrieved from the ranch had an aluminum-looking dull finish on one side, but appeared shiny on the other. The fragments were thin, lightweight, and would flex when struck. The fragments behaved like and looked like today's Mylar.

This Roswell incident began on or about the night of Thursday, July 3, 1947. That night, a balloon train service flight, Service Flight 9, containing a cluster of weather balloons, a dummy payload, a prototype metalized polyethylene balloon (approximately 15 feet in diameter), and reflective radar targets, was sent up from Alamogordo, New Mexico. Service flights were not logged or fully accounted for in the published technical reports. Service flights were more or less hidden among the scheduled NYU constant-level balloon project flights.

After being launched from Alamogordo, balloons often descended in the vicinity of Roswell (Headquarters United States Air Force, 1995). While Service Flight 9 was flying above the Foster Ranch, a powerful storm developed. The storm produced strong winds and lightning.

The storm shattered the large prototype metalized polyethylene balloon that was part of Service Flight 9. Numerous fragments of tattered aluminum-covered plastic and other rubble floated down to the Foster Ranch. The foil-like memory metal recovered from the debris field was direct evidence that in 1947 scientists had invented a way to effectively coat polyethylene balloons with metal.



A US Air Force photo of Holloman Balloon Branch personnel preparing a polyethylene balloon laminated with aluminum at the White Sands Proving Ground, New Mexico (McAndrew, 1997).

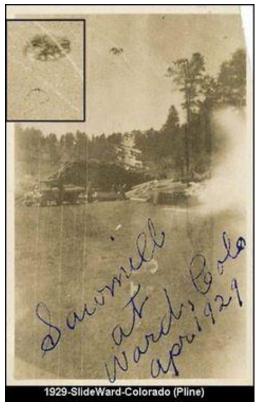
Shards of metalized polyethylene covered the debris field. Other materials reportedly salvaged from the debris field that were typically incorporated into the 1947 experimental balloon trains included, but were not limited to: pieces of rubber, parts of reflective panels made of balsawood and reflective paper, purplish-pink reinforcement tape imprinted with symbols, and heavy-gauge nylon rope.

Technically, an extraterrestrial flying disk did crash in the vicinity of Roswell, New Mexico during the summer of 1947. However, the flying disk-like object was not controlled by intelligent aliens from another planet. The simplest explanation is usually the best one.

THE TWENTIETH CENTURY: UFOS AND THE FIRST GREAT DEPRESSION

One of the earliest photographic pictures of a UFO was taken in the United States during the 1920s. In or about 1926 or 1927, a volunteer fireman reportedly snapped a photo of a UFO in Cave Junction, Oregon. Then, during April 1929, a photograph of a UFO was taken in Ward, Colorado. The 1929 UFO incident was retold by the photographer's daughter. She said her father was in Colorado during 1929 to photograph a sawmill. As he was taking the photo, he described a "terrible thunderous bellow." He saw a large round thing as big as a large boulder move

through the air above him (Signal in the Noise, n.d.). You can see the UFO in the attached snapshot.



(Signal in the Noise, n.d.)

The First Great Depression started in about August 1929 and lasted until roughly March 1933. In the roaring 1920s, before the world entered into an economic decline, the performance of the stock market was well above average. Furthermore, the industrial output in America was more profitable than it had ever been. Back then, the United States was very dependent on its production industries.

Along with technological advances, the Industrial Revolution of the mid-19th century introduced new sources of air and water pollution. By the middle of the 20th century, the effects of these changes were beginning to be felt in countries around the world.

One of the leading causes of air pollution in the United States is motor vehicles. Automobiles were first mass-produced in the United States in the early 20th century. Auto emissions amplified the amount of greenhouse gases in the atmosphere, which in turn contributed to global warming. In 1932, Ford introduced the first V-8 engine. Most V8 motors pollute more than the smaller and lighter six-cylinder engines.

Increasing economic activity and energy demand led to a significant increase in global emissions of air pollutants. Rising emissions of air pollutants led to higher concentrations of particulate matter and ground level ozone. Increases in such discharges eventually led to substantial effects on the economy. The market impacts of outdoor air pollution included effects on labor productivity, health expenditures, and agricultural crop yields. In a nutshell, air pollution led to global economic expenditures. The most dangerous consequences from outdoor air pollution; however, were related to the high number of premature deaths.

The First Great Depression was a global crisis. Conditions were horrible and for the most part instigated by World War I. Back then, much of the surviving population had lost their jobs. As a result, the highest unemployment rate for the United States was recorded in 1933 at approximately 24.9 percent.

Throughout the First Great Depression, the stock market declined. When the price of stocks dropped, panic set in. Investors lost confidence in the stock exchange. Globally, prices plummeted and forced the banks to fail. The United States slumped into an economic collapse. By 1932 the stocks were worth only 20 percent of their original value. The market was in a free-fall. More than 15 million individuals were unemployed. People drifted around America in search of jobs.

During the First Great Depression, America's agricultural output was heavily affected by a drought. This drought was called: "The Dust Bowl." Agriculture is an art and a science that involves cultivating the soil, growing crops, and raising livestock. Agriculture includes the preparation of plant and animal products for people to use as well as the distribution of these essential products to markets.

A tariff act was put in place during the First Great Depression to protect American companies. That maneuver quickly backfired on the United States. Introduced on March 13, 1930, the Smoot-Hawley Tariff Act did not help. Initially designed with the intention of protecting American companies, this tariff act bombed. When it was obvious that a steep economic decline was coming, the United States government started introducing measures that could slow down its arrival. This was done so American companies would not lose to competition from foreign enterprises. But, the nature of the tax was such that it forced several businesses to stop exporting goods to the United States. This reduced the production and revenue of most foreign companies. Their workforces had to be laid off—fueling a global economic crisis. United States imports decreased 66 percent from 4.4 billion in 1929 to 1.5 billion in 1933 (Ali, 2006).

THE TWENTY-FIRST CENTURY: UFOS AND THE SECOND GREAT DEPRESSION

UFO sightings in North America increased during 2019. That was the year Space X launched almost 200 new satellites into space. Some of those launches took place at Space Launch Complex 4E at the Vandenberg Air Force Base in California. Satellite liftoffs will definitely light up the night skies. However, some eyewitnesses observed UFOs with no lights that made no sound. According to UFO Reporting Center data from 2019, California led the country in oddities seen in the sky with a total of 485 UFO sightings (Pereira, 2020).

Recent incidences involving UFOs are often recorded on videos. Some of these videos were recently released by the United States Navy. The Navy's video recordings show UFOs that don't behave like natural phenomena. One such object rotated as it was flying against the wind. Apparently, that is not normal. The pilots observing these objects said the things looked as if they were clearly under intelligent control.

In 2020, the Pentagon released three videos of UFOs recorded by the US Navy. Two of the videos were taken in 2015. The videos were originally leaked a couple of years ago. A single frame from one of the videos is attached to this document. Today, professors at established universities, influential political scientists, and other degreed professional researchers such as me, are making new cases for taking UFOs seriously. The official release of these previously leaked UFO videos has sparked new interest in formulating quality essential questions about the UFO phenomenon. For example: "If these UFOs are not optical illusions or spacecraft being piloted by extraterrestrials, what sort of craft can outmaneuver the United States military?" Even if one thinks UFOs are a joke, there is still a good case to be made for further scientific investigations (Illing, 2020).

In 2020, President Donald Trump bragged that his economy was "the best it has ever been." Increasing economic activity and energy demand will lead to a significant increase in global emissions. Rising emissions of air pollutants lead to higher concentrations of particulate matter and ground level ozone. In several regions of the world, average concentrations of particulate matter and ozone are already well above the levels recommended by the World Health Organization (WHO). These projected increases in concentrations will lead to substantial effects on the world economy. By 2060, the annual numbers of lost working days, which affect labor productivity, are projected to reach 3.7 billion globally. The market impacts of outdoor air pollution, which include impacts on labor productivity, health expenditures, and agricultural crop yields, are projected to lead to glaring global economic loses. The most dangerous consequences from outdoor air pollution are linked to early deaths. Scientific reports project an increase in the number of untimely deaths due to air pollution. A large number of deaths will occur in densely populated regions including China and India. Many deaths will also take place in regions with aging populations.



Single frame from US Navy video (Illing, 2020)

During the twenty-first century, climate change is expected to bring more fluctuations in air pollution. These changes could greatly increase annual premature deaths worldwide. Scientists urge stronger emission controls to avoid worsening air pollution and the accompanying deterioration of health and wellness.

Climate change harms human health in a variety of ways. These ways include adverse changes in: food production, heat stress, sea level rises, increased storm intensity, flooding, and droughts. Climate issues also increases incidence of disease. Air pollutants are linked to increased risks of lung cancer, respiratory illnesses, cardiopulmonary issues, and cardiovascular diseases, as well as other causes of death.

Studies demonstrate that climate change will exacerbate air pollution and associated health risks globally—especially over heavily populated and polluted regions of East Asia, South Asia, and North America. The increased health risks are mainly driven by an increase in fine particulate matter under climate change. Weaker cyclones and more stagnation over the northeastern United States under future climate conditions will likely increase levels of harmful surface ozone over the region.

On or about January 21, 2020 the United States was invaded by a unique coronavirus known as COVID-19. Since then, more than 91,000 people in the United States have died from the virus.

In addition, over 1.5 million cases of COVID-19 have been reported. Globally, at least 321,740 deaths have been documented.

Currently, President Trump sees himself as a wartime president defending the nation against an invasion. Trump's rhetoric equates the COVID-19 outbreak to a war. At one time, President Trump proclaimed: "We're at war, in a true sense we're at war, and we are fighting an invisible enemy." During this so-called war, the unemployment rate is projected to reach at least 16 percent. At present, the total unemployment claims in the United States equal 36.5 million.

May 2020 got off to a bad start. The rest of the year looks even worse for stocks. A 40 percent drop is predicted over the rest of 2020. Specialists say anything liquid of value should be sold fast. Art, coins, handbags, stamps, extra cars, telescopes, and guitars ought to be cashed in soon. Experts recommend downsizing your house now if at all possible. United States unemployment since the start of the recent coronavirus pandemic stands at 36 million people. Americans should be building up as much savings as possible to weather job losses and reduced incomes.

In addition, today's coronavirus is just the latest misfortune to keep the farm economy down. Weather disasters, trade wars, and commodity prices below the cost of production have hurt agriculture. Nobody can afford to lose their farm or ranch. Our food supply chain is currently in peril. We are already seeing a dramatic drop in demand from food services, restaurants, and schools as well as universities. Prices for cattle, chickens, corn and, other farm goods are falling. Presently, the meat industry is in serious jeopardy.

These days, President Trump's policy actions have included raising tariffs. Such actions can significantly harm the United States economy. Trade barriers such as tariffs increase the cost of both consumer and producer goods. They can also depress the economic benefits of competition and inhibit economic growth. Research suggests that tariffs are directly responsible for inflation, depressed demand, less capital expenditures, and lower productivity levels. Trump's tariffs, when combined with resultant retaliation, threaten over \$500 billion of traded goods yearly.

In summary, it would be uncanny if the 2020s ended up mimicking the 1920s. Regardless, economic declines will forever blemish the last two centuries. On a more positive note, today might be a good time to start watching the skies.

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