

1

00:00:00,000 --> 00:00:07,000

Space ships over Los Angeles.

2

00:00:07,000 --> 00:00:10,000

Body snatchers controlling our minds.

3

00:00:10,000 --> 00:00:13,000

ETs making contact.

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00:00:13,000 --> 00:00:17,000

These and other alien based scenarios have been the plot

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00:00:17,000 --> 00:00:20,000

lines of countless science fiction movies and television

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00:00:20,000 --> 00:00:22,000

shows.

7

00:00:22,000 --> 00:00:26,000

But what if extraterrestrial beings came to Earth

8

00:00:26,000 --> 00:00:28,000

tomorrow?

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00:00:28,000 --> 00:00:31,000

Would they signal the birth of a new age of peace and

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00:00:31,000 --> 00:00:36,000

prosperity or trigger a war of the worlds?

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00:00:36,000 --> 00:00:40,000

The day that it's announced we're not alone is the day that

12

00:00:40,000 --> 00:00:43,000

this planet changes forever.

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00:00:43,000 --> 00:00:46,000

The very structures of government and the very

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00:00:46,000 --> 00:00:49,000

structures of religion will crumble.

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00:00:49,000 --> 00:00:51,000

Everybody wants to meet an alien.

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00:00:51,000 --> 00:00:53,000

But we have to start small.

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00:00:53,000 --> 00:00:57,000

We have to learn how to walk before we can run.

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00:00:57,000 --> 00:01:00,000

Millions of people around the world believe we have been

19

00:01:00,000 --> 00:01:04,000

visited in the past by extraterrestrial beings.

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00:01:04,000 --> 00:01:07,000

What if it were true?

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00:01:07,000 --> 00:01:11,000

Did ancient aliens really help to shape our history?

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00:01:11,000 --> 00:01:16,000

And if so, what might happen when they return?

23

00:01:16,000 --> 00:01:45,000

MUSIC

24

00:01:46,000 --> 00:01:56,080

Throughout human history, man has gazed up at the stars in awe and with wonder.

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00:01:56,080 --> 00:02:04,360

Our ancient ancestors charted their movements, identified constellations, and marked time

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00:02:04,360 --> 00:02:08,440

by creating celestial-based calendars.

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00:02:08,440 --> 00:02:15,120

The stars also became the source of countless myths and legends.

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00:02:15,120 --> 00:02:21,360

Many of these describe visitors coming down to Earth from somewhere out there.

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00:02:21,360 --> 00:02:27,400

Others speak of entire civilizations existing out in the cosmos.

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00:02:27,400 --> 00:02:36,160

The ancient Sanskrit writings of India tell us, for example, there are 400,000 human-like

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00:02:36,160 --> 00:02:44,360

species scattered throughout the cosmos in different planets, different solar systems,

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00:02:44,360 --> 00:02:46,960

even different dimensions.

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00:02:46,960 --> 00:02:50,320

But where are these alien beings?

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00:02:50,320 --> 00:02:55,560

Did they come to Earth in the past, as the ancient astronaut theory suggests, and then

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00:02:55,560 --> 00:02:56,560

leave?

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00:02:56,560 --> 00:03:00,600

If so, will they ever come back?

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00:03:00,600 --> 00:03:07,240

Today, scientists around the world have stopped waiting around and are taking steps to find

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00:03:07,240 --> 00:03:10,360

intelligent extraterrestrial life.

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00:03:10,360 --> 00:03:16,000

Real technology finally be able to prove what our ancient ancestors believed thousands

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00:03:16,000 --> 00:03:20,400

of years ago.

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00:03:20,400 --> 00:03:27,280

In 1960, astronomer and physicist Frank Drake set up an unusual telescope in the hills of

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00:03:27,280 --> 00:03:30,880

West Virginia.

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00:03:30,880 --> 00:03:37,440

The strange device was made from surplus World War II radar equipment.

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00:03:37,440 --> 00:03:43,600

But rather than containing a traditional optical lens, it housed a directional radio antenna.

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00:03:43,600 --> 00:03:48,680

A few simple calculations showed that radio telescopes have the power to transmit and

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00:03:48,680 --> 00:03:51,400

receive across literally interstellar distances.

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00:03:51,400 --> 00:03:53,720

We're talking many light-years.

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00:03:53,720 --> 00:03:59,600

So Frank Drake turned a radio telescope on a couple of nearby stars and tuned in to see

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00:03:59,600 --> 00:04:02,120

if he could pick up a message from the aliens.

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00:04:02,120 --> 00:04:06,560

So this was a sort of crazy thing to do.

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00:04:06,560 --> 00:04:14,040

Frank failed to pick up any sounds that day, but the science of radio astronomy was born.

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00:04:14,040 --> 00:04:21,520

If we couldn't see aliens in space, maybe we could hear them.

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00:04:21,520 --> 00:04:28,240

The things we focused on in the past for searching for extraterrestrial life is really passively

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00:04:28,240 --> 00:04:32,480

trying to discover signals on the basis that if they were technologically advanced, they

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00:04:32,480 --> 00:04:37,720

would have some form of electricity like we do, and all electricity generates radiation

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00:04:37,720 --> 00:04:40,520

and sends out the signals and hopefully we detect it.

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00:04:40,520 --> 00:04:47,840

In 1961, Frank Drake and a group of astronomers, physicists and biologists formed a privately

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00:04:47,840 --> 00:04:55,480

funded organization called SETI, the search for extraterrestrial intelligence.

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00:04:55,480 --> 00:05:01,760

Their goal was to focus massive radio telescopes towards space and listen.

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00:05:01,960 --> 00:05:07,880

Drake estimated the probability that intelligent life existed out in the universe in a formula

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00:05:07,880 --> 00:05:11,760

that became known as the Drake equation.

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00:05:11,760 --> 00:05:16,640

The Drake equation is like a bridge between scientists and non-scientists because it explains

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00:05:16,640 --> 00:05:21,760

what you would want to know to give a number about how common alien life could be.

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00:05:21,760 --> 00:05:26,720

There are multiple factors within the Drake equation, like the fraction of stars that

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00:05:26,720 --> 00:05:30,440

could have planets and the fraction of those planets that could be habitable and the fraction

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00:05:30,440 --> 00:05:35,120

of those that might have the good water and how many could have evolved intelligent life.

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00:05:35,120 --> 00:05:41,520

And then one important factor is the lifetime of those civilizations and that is a big unknown.

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00:05:41,520 --> 00:05:46,720

We only know of one, that's ourselves, and how long are we going to be around?

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00:05:46,720 --> 00:05:49,560

That's to be determined.

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00:05:49,560 --> 00:05:56,920

Using his equation, Drake estimated that over 100 million advanced civilizations could exist

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00:05:56,920 --> 00:06:00,200

in just the Milky Way galaxy.

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00:06:00,200 --> 00:06:06,560

He pretty presupposes that if you've got an alien civilization capable of traveling that's

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00:06:06,560 --> 00:06:10,680

developed electronics, they have a fingerprint.

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00:06:10,680 --> 00:06:13,240

That fingerprint is a repetitive signal.

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00:06:13,240 --> 00:06:19,360

A repetitive signal will tell them that it's not just noise, junk frequencies out there,

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00:06:19,360 --> 00:06:27,120

but a real attempt at communicating, maybe not with us, but with each other.

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00:06:27,120 --> 00:06:35,440

On August 15, 1977, astronomer Dr. Jerry Eamon was working on a SETI project at Ohio State

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00:06:35,440 --> 00:06:41,960

University when he recorded an intermittent signal coming from the direction of the constellation

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00:06:41,960 --> 00:06:44,560

Sagittarius.

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00:06:44,560 --> 00:06:49,240

The signal lasted 72 seconds before being lost.

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00:06:49,240 --> 00:06:55,800

Eamon believed that it was of extraterrestrial origin, but despite repeated searches and

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00:06:55,800 --> 00:07:03,920

increasingly larger telescopes, the signal has never again been detected.

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00:07:03,920 --> 00:07:08,640

But what if SETI intercepts a transmission from another world?

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00:07:08,640 --> 00:07:11,200

What would happen next?

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00:07:11,200 --> 00:07:16,480

According to SETI's post-detection protocols, once an extraterrestrial radio signal is

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00:07:16,480 --> 00:07:22,760

confirmed, news of the event should be kept secret until the authorities have been notified.

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00:07:22,760 --> 00:07:28,200

The government will then decide whether or not to try and make contact.

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00:07:28,200 --> 00:07:31,360

I think all bets are off because here is this message.

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00:07:31,360 --> 00:07:36,400

It could contain enormously important information that would transform our society and maybe

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00:07:36,400 --> 00:07:38,000

destabilize it.

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00:07:38,000 --> 00:07:40,360

What is it going to mean for the future of our civilization?

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00:07:40,360 --> 00:07:44,120

These are momentous questions.

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00:07:44,120 --> 00:07:51,640

Today, SETI continues to scan the vicinity of nearby stars for artificially produced signals

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00:07:51,880 --> 00:07:55,560

using several of the world's largest telescopes.

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00:07:55,560 --> 00:08:01,440

In the next several years, when it becomes fully operational, SETI's new Allen telescope

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00:08:01,440 --> 00:08:07,120

array will allow for the reconnaissance of up to a million stars.

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00:08:07,120 --> 00:08:09,640

SETI has to search a huge, huge area.

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00:08:09,640 --> 00:08:14,240

They'll tell you that now they have searched the equivalent of like a glass of water compared

99

00:08:14,240 --> 00:08:16,160

to the entire ocean on Earth.

100

00:08:16,160 --> 00:08:18,920

They have a long way to go.

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00:08:18,920 --> 00:08:24,960

While SETI listens passively to signals from outer space, NASA has attempted to contact

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00:08:24,960 --> 00:08:30,560

alien life directly through messages sent aboard its space probes.

103

00:08:30,560 --> 00:08:37,440

It's a long shot, but there's no reason in my mind not to expect that life evolved elsewhere.

104

00:08:37,440 --> 00:08:43,720

What's harder to predict or try and understand is how likely is it that it happened close

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00:08:43,720 --> 00:08:46,400

enough that there'd be someone we could actually communicate with.

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00:08:49,720 --> 00:08:57,320

In 1972, NASA agreed to attach small plaques onto the outside of its twin pioneer space

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00:08:57,320 --> 00:09:03,760

probes, the first human-built objects destined to leave our solar system.

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00:09:03,760 --> 00:09:10,440

NASA contacted Cornell University professor Dr. Carl Sagan to craft the message.

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00:09:10,440 --> 00:09:18,320

Carl Sagan was one of the most active astronomers in the search for life outside our planet.

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00:09:18,320 --> 00:09:22,760

He was a very prominent scientist, he was an excellent astronomer, and he really did

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00:09:22,760 --> 00:09:27,920

a lot to help us understand how we might contact other life or detect life elsewhere in the

112

00:09:27,920 --> 00:09:28,920

universe.

113

00:09:28,920 --> 00:09:37,520

Sagan, along with SETI founder Frank Drake, designed a gold-anodized aluminum plaque measuring

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00:09:37,520 --> 00:09:44,480

roughly 6 by 9 inches that contained a collection of symbolic images representing humans and

115

00:09:44,480 --> 00:09:45,480

Earth.

116

00:09:45,480 --> 00:09:50,160

The man and the woman were nude, and the gentleman was holding one arm up like this,

117

00:09:50,160 --> 00:09:54,320

and what was intended to be a sign of greeting.

118

00:09:54,320 --> 00:09:59,560

A schematic design of the solar system was also shown, with the planned trajectory of

119

00:09:59,560 --> 00:10:02,760

the pioneer spacecraft marked on it.

120

00:10:02,760 --> 00:10:09,400

And a diagram of 14 pulsar stars around the sun made a chart that might help someone work

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00:10:09,400 --> 00:10:12,360

out where the craft originated.

122

00:10:12,360 --> 00:10:15,640

We tried to give them an idea of where we're located, and that's an interesting problem

123

00:10:15,640 --> 00:10:19,240

is to figure out how you would tell someone where you're located in space, because you

124

00:10:19,240 --> 00:10:21,560

don't know where they're going to find it.

125

00:10:21,560 --> 00:10:25,480

And it was all in a very stylistic design, but an attempt to hopefully communicate at

126

00:10:25,480 --> 00:10:29,320

least some of these ideas.

127

00:10:29,320 --> 00:10:36,600

Five years later, in 1977, Dr. Sagan got a second chance at designing an interstellar

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00:10:36,600 --> 00:10:42,720

message when NASA agreed to attach another one to the Voyager space probes.

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00:10:42,720 --> 00:10:49,080

This time, Sagan created a record album made of gold-plated copper, along with a series

130

00:10:49,080 --> 00:10:52,840

of basic instructions in how to make it work.

131

00:10:52,840 --> 00:11:00,240

Sagan estimated that the metallic disk could survive in space for at least a billion years.

132

00:11:00,240 --> 00:11:05,600

One of the challenges with technology is trying to figure out one that can do what you want.

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00:11:05,600 --> 00:11:10,280

So here you want to encode audio and even some video images, but do it in a way that

134

00:11:10,280 --> 00:11:14,200

almost any other technologically advanced society could figure out.

135

00:11:14,200 --> 00:11:18,600

And the advantage of a record player is it's both mechanical and electrical.

136

00:11:18,600 --> 00:11:24,080

The grooves are obvious, and so they actually put on the cover instructions on how to play

137

00:11:24,080 --> 00:11:25,120

it.

138

00:11:25,120 --> 00:11:29,640

The recording included a wide variety of sounds.

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00:11:29,640 --> 00:11:32,440

A baby's cry.

140

00:11:32,440 --> 00:11:33,440

Wind.

141

00:11:33,440 --> 00:11:34,440

Surf.

142

00:11:34,440 --> 00:11:36,560

And rain.

143

00:11:36,560 --> 00:11:38,240

Animal noises.

144

00:11:38,240 --> 00:11:43,200

As well as classical and cultural music from around the world.

145

00:11:43,200 --> 00:11:51,120

One interesting song selection was Chuck Berry's rock and roll hit, Johnny Be Good.

146

00:11:51,120 --> 00:11:54,800

Music is a good choice because almost anything vibrates and makes sound, so I would have

147

00:11:54,800 --> 00:11:58,400

bet that almost any culture would develop music.

148

00:11:58,400 --> 00:12:01,680

I believe it's Bach who gets the most time on the record.

149

00:12:01,680 --> 00:12:05,560

I don't know why they picked that, to be honest, but he is one of the more mathematical composers

150

00:12:05,560 --> 00:12:10,720

and that may have been one of the reasons because math is a more universal language.

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00:12:10,720 --> 00:12:17,920

Sagan also included a wide array of photographs of well-known man-made structures and greetings

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00:12:17,920 --> 00:12:20,800

in 55 different languages.

153

00:12:20,800 --> 00:12:25,120

I think the most important one is the Sumerian language.

154

00:12:25,120 --> 00:12:29,640

Now why would they include Sumerian on that record?

155

00:12:29,640 --> 00:12:36,280

Well, according to the ancient alien theory, ancient Sumeria is the first place where we

156

00:12:36,280 --> 00:12:43,920

made contact with an extraterrestrial entity.

157

00:12:43,920 --> 00:12:47,520

At this point, we obviously haven't learned anything yet about extraterrestrial life because

158

00:12:47,520 --> 00:12:53,280

we haven't been contacted back, but I think for our own purposes, anytime you try and

159

00:12:53,280 --> 00:12:59,280

go and figure out how you want to communicate something, it pushes your boundaries and understanding

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00:12:59,280 --> 00:13:02,240

of communication itself.

161

00:13:02,240 --> 00:13:06,440

We all want to find aliens, whether it's the planetary scientists looking for signs of

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00:13:06,440 --> 00:13:12,240

life on another distant planet, whether it's the ancient alien proponents who want to find

163

00:13:12,240 --> 00:13:16,120

signs of life of aliens who have visited in the past, and whether it's people today who

164

00:13:16,120 --> 00:13:21,560

want to have experiences with UFOs and aliens that have visited them recently.

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00:13:21,960 --> 00:13:30,040

While the search for extraterrestrial beings continues, a new space-based telescope is

166

00:13:30,040 --> 00:13:33,960

hunting for planets that may contain life.

167

00:13:33,960 --> 00:13:36,360

Are there other Earths out there?

168

00:13:36,360 --> 00:13:46,600

And if so, how will we find them?

169

00:13:46,600 --> 00:13:53,000

On March 6, 2009, NASA launched a Delta II rocket into space.

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00:13:53,000 --> 00:14:00,320

On board was a new telescope, named in honor of German astronomer Johann Kepler.

171

00:14:00,320 --> 00:14:06,600

The space-based telescope was designed specifically to discover the existence of Earth-like planets

172

00:14:06,600 --> 00:14:11,080

located outside our own solar system.

173

00:14:11,080 --> 00:14:17,320

The Kepler search is focused on a specific section of the Milky Way, known as Orion's

174

00:14:17,320 --> 00:14:18,320

Spur.

175

00:14:18,320 --> 00:14:24,320

Kepler's job is to answer the question, how common are other Earths?

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00:14:24,320 --> 00:14:30,480

And to do this, Kepler is looking at one part of the sky for three and a half years.

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00:14:30,480 --> 00:14:37,840

Imagine like keeping your eyes open and staring at just one part of the sky.

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00:14:37,840 --> 00:14:41,480

And what they're doing is they're looking at stars, and then as a planet goes around

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00:14:41,480 --> 00:14:45,600

that star, when the planet gets in front of the star, the starlight dims just a little

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00:14:45,600 --> 00:14:48,640

bit from our vantage point because it's being blocked by the planet.

181

00:14:48,640 --> 00:14:52,200

And so you look for that dimming of those stars, and then that's how you're able to

182

00:14:52,200 --> 00:14:58,880

detect these planets.

183

00:14:58,880 --> 00:15:04,040

So far, the Kepler telescope has confirmed the existence of five planets outside our

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00:15:04,040 --> 00:15:06,400

own solar system.

185

00:15:06,400 --> 00:15:11,600

Other officials expect to find several hundred more exoplanets like these before their mission

186

00:15:11,600 --> 00:15:14,600

is completed.

187

00:15:14,600 --> 00:15:24,760

Once a planet has been located, scientists must then determine if it might contain water.

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00:15:24,760 --> 00:15:32,640

We know from Earth that all life on Earth requires liquid water.

189

00:15:32,640 --> 00:15:38,200

So that is the approach that we've been taking for looking for life elsewhere in the universe,

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00:15:38,200 --> 00:15:39,560

follow the water.

191

00:15:39,560 --> 00:15:46,920

And so that is the step one.

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00:15:46,920 --> 00:15:51,840

On Earth, wherever we find liquid water, we find life, and it's true.

193

00:15:51,840 --> 00:15:57,600

Life on Earth can exist under an extraordinary range of conditions.

194

00:15:57,600 --> 00:16:03,840

Some organisms that live in the scalding effluent coming out of the Earth's crust deep beneath

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00:16:03,840 --> 00:16:09,440

the ocean, there are other remarkable organisms living in the waste pools of nuclear reactors

196

00:16:09,440 --> 00:16:12,440

and extreme radiation environments and so on.

197

00:16:12,440 --> 00:16:16,800

But the one thing that seems to be absolutely necessary for life as we know it is liquid

198

00:16:16,800 --> 00:16:20,680

water.

199

00:16:20,680 --> 00:16:26,920

To determine if a planet contains water and possibly life, scientists use special telescopes

200

00:16:26,920 --> 00:16:31,800

to analyze its atmosphere.

201

00:16:31,800 --> 00:16:38,280

We look at the light coming from the planet and we split that light up like a rainbow.

202

00:16:38,280 --> 00:16:41,920

Now if you look at a rainbow in the sky and you look really, really carefully, you will

203

00:16:41,920 --> 00:16:42,920

see some dark lines.

204

00:16:42,920 --> 00:16:45,760

You'll see some colors missing from the rainbow.

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00:16:45,760 --> 00:16:50,540

And those colors are missing because of absorption by gases in Earth's atmosphere.

206

00:16:50,540 --> 00:16:55,200

So effectively, we're getting a rainbow from another planet and we're looking for dark

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00:16:55,200 --> 00:16:59,080

lines that tell us what kind of gases are in the atmosphere.

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00:16:59,080 --> 00:17:05,720

To better understand how life affects its atmosphere, NASA scientists study microbial

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00:17:05,720 --> 00:17:10,320

mats at California's Moss Landing Wildlife Area.

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00:17:10,320 --> 00:17:13,160

Microbial mats are important to NASA for a whole bunch of reasons.

211

00:17:13,160 --> 00:17:16,680

The organisms that are in microbial mats have been on Earth just about longer than any other

212

00:17:16,680 --> 00:17:18,280

kind of organism.

213

00:17:18,280 --> 00:17:21,760

They make a number of things which we call biomarkers, which are important in our search

214

00:17:21,760 --> 00:17:23,600

for life on other planets.

215

00:17:23,600 --> 00:17:29,120

So there are textural biomarkers, so when you pull up a piece of microbial mat and look

216

00:17:29,120 --> 00:17:32,560

at the surface, what does that look like?

217

00:17:32,560 --> 00:17:35,720

One of the things that we're doing with these microbial mats is we're measuring the fluxes

218

00:17:35,720 --> 00:17:37,200

of methane.

219

00:17:37,200 --> 00:17:41,800

Methane is a gas that's produced by certain kinds of organisms that use the organic matter

220

00:17:41,800 --> 00:17:43,360

that's in these mats.

221

00:17:43,360 --> 00:17:47,240

And when that methane goes into our atmosphere, it can be detected by other missions, such

222

00:17:47,240 --> 00:17:52,440

as terrestrial planet finders is one of NASA's concept missions for looking for gases that

223

00:17:52,440 --> 00:17:56,680

are produced by life on exoplanets.

224

00:17:56,680 --> 00:18:01,160

We can look for the signature of oxygen or water on a planet, and at least that would

225

00:18:01,160 --> 00:18:06,560

give us an idea of life forms like ourselves, the ones that are carbon based and use oxygen

226

00:18:06,560 --> 00:18:09,240

and carbon dioxide cycles.

227

00:18:09,240 --> 00:18:12,520

Our atmosphere is not stable without living organisms.

228

00:18:12,520 --> 00:18:15,000

It would have evaporated away by now.

229

00:18:15,000 --> 00:18:20,800

And so if you're looking out in space and you detect around a star a signature of the

230

00:18:20,800 --> 00:18:25,720

chemicals that we know exist for life, that's very strong evidence that life is there.

231

00:18:25,720 --> 00:18:29,880

Now it doesn't help you know if it's intelligent life, but it does give you an evidence for

232

00:18:29,880 --> 00:18:32,000

life.

233

00:18:32,000 --> 00:18:38,600

With a universe literally full of possibilities, planet hunters focus their surge on an area

234

00:18:38,600 --> 00:18:42,240

they call a Goldilocks zone.

235

00:18:42,240 --> 00:18:48,600

The Goldilocks zone for planets is the place where a planet is not too hot, not too cold,

236

00:18:48,720 --> 00:18:51,680

just the right temperature for life.

237

00:18:51,680 --> 00:18:55,960

Right now we know of no planets like Earth in a Goldilocks zone.

238

00:18:55,960 --> 00:19:02,460

One planet comes close is called Gliese 581D, but we're not entirely sure if that planet

239

00:19:02,460 --> 00:19:05,960

is really in the Goldilocks zone or not.

240

00:19:05,960 --> 00:19:10,920

In recent years it's been recognized that there's more than one Goldilocks zone.

241

00:19:10,920 --> 00:19:17,000

For example there could be life inside icy planetesimals, these are like small planets

242

00:19:17,080 --> 00:19:19,240

or large moons.

243

00:19:19,240 --> 00:19:23,400

Moon of Jupiter, Europa is a very good example.

244

00:19:23,400 --> 00:19:26,720

Europa is liquid beneath an ice cap.

245

00:19:26,720 --> 00:19:31,360

It's liquid underneath because of tidal heating and friction going on inside the planet, so

246

00:19:31,360 --> 00:19:38,360

it could be that there is life microbial probably only deep down under the ice on Europa.

247

00:19:39,360 --> 00:19:45,360

It's a very challenging question if there's life elsewhere in our solar system.

248

00:19:47,160 --> 00:19:50,200

You have so many components that have to come together, we have to have an understanding

249

00:19:50,200 --> 00:19:53,520

of the science, we have to ask the right questions.

250

00:19:53,520 --> 00:19:58,440

I wish I had a try quarter that I could just go and like point and would say life or no

251

00:19:58,440 --> 00:20:00,720

life, right, but we don't have that.

252

00:20:00,720 --> 00:20:04,840

So we have to be smart and we have to be clever and we have to develop instruments that can

253

00:20:04,840 --> 00:20:07,200

actually address the questions we're trying to answer.

254

00:20:09,320 --> 00:20:10,760

It's inevitable.

255

00:20:10,760 --> 00:20:14,800

There's so many planets out there, it's inevitable that we'll find one in the Goldilocks zone

256

00:20:14,800 --> 00:20:15,800

any day.

257

00:20:15,800 --> 00:20:22,800

But while the Kepler telescope has only just begun scanning the horizon, NASA is already

258

00:20:24,120 --> 00:20:31,120

planning the next step in its search for extraterrestrial life, the 2014 launch of the James Webb

259

00:20:31,360 --> 00:20:35,360

Space Telescope.

260

00:20:35,360 --> 00:20:40,120

People always ask me, do you expect to find an Earth in your lifetime?

261

00:20:40,120 --> 00:20:43,680

And I say yes, absolutely.

262

00:20:43,680 --> 00:20:47,720

When I was a student, there was almost nobody prepared to argue that way.

263

00:20:47,720 --> 00:20:52,720

The feeling back in the 60s and 70s was that even if there were other Earth-like planets,

264

00:20:52,720 --> 00:20:58,760

life is such an improbable freak event that it would never ever happen anywhere else.

265

00:20:58,760 --> 00:21:03,960

Now the prevailing view is, yes, the universe is teeming with life.

266

00:21:03,960 --> 00:21:06,920

We want to meet an alien, but we have to start small.

267

00:21:06,920 --> 00:21:10,080

We have to learn how to walk before we can run.

268

00:21:10,080 --> 00:21:14,600

The fascinating thing for me is that we're only four and a half billion years old.

269

00:21:14,600 --> 00:21:21,100

In a universe that's close to 14 billion years old, what would happen with some of these

270

00:21:21,100 --> 00:21:27,120

Earth-like planets that had a five or ten billion year head start on us?

271

00:21:27,120 --> 00:21:29,800

Gosh, you can only imagine.

272

00:21:29,800 --> 00:21:35,800

What if humans are not the only intelligent creatures searching for life in the universe?

273

00:21:35,800 --> 00:21:40,520

What if there are beings on other planets conducting a search of their own?

274

00:21:40,520 --> 00:21:46,280

And what if, in their search, they find us before we find them?

275

00:21:46,280 --> 00:21:52,160

Some believe they already have.

276

00:21:52,160 --> 00:22:00,280

On October 30th, 1938, radio listeners across the United States sat stunned as a series

277

00:22:00,280 --> 00:22:11,720

of news bulletins described Martians invading Earth.

278

00:22:11,720 --> 00:22:18,040

While the broadcast sounded real, it was a fictional production, directed and narrated

279

00:22:18,040 --> 00:22:19,960

by Orson Welles.

280

00:22:19,960 --> 00:22:28,280

Incredibly, many of those listening believed it to be true and panicked.

281

00:22:28,280 --> 00:22:33,320

Newspaper reports described families fleeing their homes for the mountains, while others

282

00:22:33,320 --> 00:22:39,640

armed themselves with weapons and prepared to fight off the alien invaders.

283

00:22:39,640 --> 00:22:45,480

If it was just presented maybe with a brief introduction saying it was not really happening,

284

00:22:45,480 --> 00:22:50,440

from then on it was played as if it was really happening, well most people who heard that

285

00:22:50,440 --> 00:22:53,640

thought that it was really happening.

286

00:22:53,640 --> 00:22:56,120

People became upset.

287

00:22:56,120 --> 00:22:58,440

Some of those literally headed for the hills.

288

00:22:58,440 --> 00:23:03,880

They drove places to try to pick up other people, family and friends.

289

00:23:03,880 --> 00:23:06,520

They reported to the Armory for duty.

290

00:23:06,520 --> 00:23:12,480

The response to this fictional alien attack resulted in many people preparing for the

291

00:23:12,480 --> 00:23:13,800

worst.

292

00:23:13,800 --> 00:23:21,160

But if the public's reaction to a radio dramatization resulted in a nationwide wave of terror, what

293

00:23:21,160 --> 00:23:27,520

would happen if they really came?

294

00:23:27,520 --> 00:23:31,960

Los Angeles, California.

295

00:23:31,960 --> 00:23:38,920

In the early months of 1942, the city was on edge.

296

00:23:38,920 --> 00:23:46,000

The recent surprise attack on Pearl Harbor had propelled America into World War II.

297

00:23:46,000 --> 00:23:55,840

And the threat of a Japanese invasion, by sea or by air, kept the military on full alert.

298

00:23:55,840 --> 00:23:59,800

Pearl Harbor was a very recent memory for people.

299

00:23:59,800 --> 00:24:01,520

People were in high alert.

300

00:24:01,520 --> 00:24:04,280

There was a great deal of suspicion.

301

00:24:04,280 --> 00:24:07,520

Japanese Americans were being put in internment camps.

302

00:24:07,520 --> 00:24:13,440

There were German U-boats in the Atlantic, Japanese submarines in the Pacific, and people

303

00:24:13,440 --> 00:24:19,880

were very fearful.

304

00:24:19,880 --> 00:24:25,960

In a well-organized defense operation, Air Raid Wardens and the Coast Guard were monitoring

305

00:24:25,960 --> 00:24:31,240

the Pacific shoreline as never before.

306

00:24:31,240 --> 00:24:33,420

The war had started.

307

00:24:33,420 --> 00:24:37,240

I was a 13-year-old kid.

308

00:24:37,240 --> 00:24:46,840

And this one night, which was February 1942, the sirens started wailing in the middle of

309

00:24:46,840 --> 00:24:49,240

the night.

310

00:24:49,240 --> 00:24:50,240

Blackout.

311

00:24:50,240 --> 00:24:57,280

And we'd had several blackouts before this.

312

00:24:57,280 --> 00:25:05,400

On February 25, between the hours of 3.12 and 4.15 a.m., the 37th Coast Artillery Brigade

313

00:25:05,400 --> 00:25:12,600

in Los Angeles fired off a barrage of anti-aircraft shells at an unidentified flying object.

314

00:25:12,600 --> 00:25:20,160

Watchers on the roof top of the Columbia Broadcasting Building in the heart of Hollywood could plainly

315

00:25:20,160 --> 00:25:25,680

see the flashes of guns and searchlights sweeping the skies in a white arc along the coastal

316

00:25:25,680 --> 00:25:27,920

area.

317

00:25:27,920 --> 00:25:34,720

I think what woke me up initially was the sound of anti-aircraft guns.

318

00:25:34,720 --> 00:25:38,120

I jumped out of bed and my parents were up.

319

00:25:38,120 --> 00:25:41,360

My father was an Air Raid Warden.

320

00:25:41,360 --> 00:25:47,080

He figured this has to be the real thing.

321

00:25:47,080 --> 00:25:51,320

My mother was telling my brother and I, get under the bed, get under the bed, stay there.

322

00:25:51,320 --> 00:25:54,440

And of course we got out and we peaked.

323

00:25:54,440 --> 00:25:57,120

It was all this firing.

324

00:25:57,120 --> 00:26:01,960

It was almost like a fourth of July.

325

00:26:01,960 --> 00:26:05,920

I started hearing a lot of loud explosions.

326

00:26:05,920 --> 00:26:16,600

My brother and I looked out the bedroom window, saw searchlights, twisted and turned in the

327

00:26:17,000 --> 00:26:21,800

room.

328

00:26:21,800 --> 00:26:27,600

But what was the strange UFO that the searchlights were focused on?

329

00:26:27,600 --> 00:26:29,720

Where had it come from?

330

00:26:29,720 --> 00:26:35,440

Japan or somewhere from out of this world?

331

00:26:35,440 --> 00:26:40,920

Could this incredible photograph, published the next morning in the Los Angeles Times,

332

00:26:40,920 --> 00:26:42,560

provide the proof?

333

00:26:42,560 --> 00:26:47,440

But ancient astronaut theorists have been right all along.

334

00:26:47,440 --> 00:26:51,760

It was practically overhead and I mean overhead.

335

00:26:51,760 --> 00:26:57,920

Retired anthropology professor C. Scott Littleton was nine years old and growing up in Hermosa

336

00:26:57,920 --> 00:27:04,400

Beach when he spotted the strange object hovering right over his house.

337

00:27:04,400 --> 00:27:09,720

We saw what my mother always called a silver bug.

338

00:27:09,720 --> 00:27:15,000

I'd characterize it today as a lozenge, a long oval.

339

00:27:15,000 --> 00:27:18,160

It was something I'll never ever forget.

340

00:27:18,160 --> 00:27:24,520

It was caught in searchlight beams and any aircraft shells were exploding all around

341

00:27:24,520 --> 00:27:29,200

it.

342

00:27:29,200 --> 00:27:38,000

It gradually went like this and then began to lose altitude a little bit as it moved

343

00:27:38,000 --> 00:27:43,440

over what had to have been Redondo Beach.

344

00:27:43,440 --> 00:27:49,120

We lost track of it but the banging continued.

345

00:27:49,120 --> 00:27:56,240

Very quickly afterward I saw, we all saw, a flight of planes following the track of

346

00:27:56,240 --> 00:28:02,920

the object going overhead anywhere from three to five interceptors, clearly piston driven

347

00:28:02,920 --> 00:28:04,880

U.S. planes.

348

00:28:04,880 --> 00:28:10,840

No one has ever admitted that those planes were in the sky.

349

00:28:10,840 --> 00:28:15,160

Our first thought immediately was a Japanese observation plane.

350

00:28:15,160 --> 00:28:22,720

Later, the Japanese records definitively proved there were no Japanese planes over Southern

351

00:28:22,720 --> 00:28:27,120

California, that night or indeed ever.

352

00:28:27,120 --> 00:28:33,880

After ruling out the possibility that a Japanese plane had invaded American airspace, Secretary

353

00:28:33,880 --> 00:28:41,640

of the Navy Frank Knox attributed the incident to war nerves.

354

00:28:41,640 --> 00:28:48,240

But Secretary of War Henry Stimson quickly refuted this explanation, defensively declaring

355

00:28:48,240 --> 00:28:53,800

that an actual aircraft had been the target of the assault.

356

00:28:53,800 --> 00:29:00,080

To this day, no one seems to know just what or who was hovering over Los Angeles that

357

00:29:00,080 --> 00:29:06,720

night.

358

00:29:06,720 --> 00:29:11,400

Some claimed that the Los Angeles air raid was nothing more than an elaborate training

359

00:29:11,400 --> 00:29:17,800

exercise, a show put on by the military to keep citizens on the ready in case of a real

360

00:29:17,800 --> 00:29:19,800

attack.

361

00:29:19,800 --> 00:29:26,120

Others alleged that the unidentified flying object was, in fact, a barrage balloon that

362

00:29:26,120 --> 00:29:28,840

had broken loose from its tether.

363

00:29:28,840 --> 00:29:35,960

But even that explanation doesn't seem credible to those who witnessed the actual event.

364

00:29:35,960 --> 00:29:40,840

One place where there were barrage balloons that were anchored above the aircraft plants

365

00:29:40,840 --> 00:29:47,040

in El Segundo, Douglas, North American, it would have to have slipped its tether, floated

366

00:29:47,040 --> 00:29:51,240

north up to the Santa Monica Mountains and then back down this way.

367

00:29:51,240 --> 00:29:55,320

Barrage balloons don't maneuver like that.

368

00:29:55,320 --> 00:30:00,280

Regardless of the controversy, one fact is undisputed.

369

00:30:00,280 --> 00:30:07,240

An estimated 14,000 shells were fired at the strange object, and shrapnel rained from the

370

00:30:07,240 --> 00:30:11,520

sky for over an hour.

371

00:30:11,520 --> 00:30:14,680

But what were the guns aimed at?

372

00:30:14,680 --> 00:30:20,800

Could the Army really have put civilian lives in danger for a drill?

373

00:30:20,800 --> 00:30:22,120

Major panic.

374

00:30:22,120 --> 00:30:27,360

Six people got killed due to car accidents and hit by a falling shrapnel.

375

00:30:27,360 --> 00:30:33,200

A friend of mine said he witnessed a piece of shrapnel go through his neighbor's garage

376

00:30:33,200 --> 00:30:34,200

roof.

377

00:30:34,200 --> 00:30:39,520

So, oh yeah, there were some damage from falling shrapnel.

378

00:30:39,520 --> 00:30:44,200

The next morning, there was something in our backyard my mother told me to go roll up.

379

00:30:44,200 --> 00:30:46,560

It was like a tarp or something.

380

00:30:46,560 --> 00:30:52,480

And when I bent down or kneeled down in the grass, I cut my knee and I have my piece of

381

00:30:52,480 --> 00:30:53,480

shrapnel.

382

00:30:53,480 --> 00:30:56,280

I've kept it all these years.

383

00:30:56,280 --> 00:30:57,280

Here's my shrapnel.

384

00:30:57,280 --> 00:31:03,080

And it's very sharp.

385

00:31:03,080 --> 00:31:10,840

By a process of elimination, the most efficient, and I say this as a scholar, the most efficient

386

00:31:10,840 --> 00:31:18,120

explanation is that it was what we would call today a UFO.

387

00:31:18,120 --> 00:31:23,280

Something not of this world, something that belonged to another technology.

388

00:31:23,280 --> 00:31:30,000

If that's true, then this event was one of the largest mass UFO sightings in history.

389

00:31:30,000 --> 00:31:35,840

Over a million people saw it.

390

00:31:35,840 --> 00:31:41,760

But whether it was a UFO or not, the memories remain vivid for those who saw something in

391

00:31:41,760 --> 00:31:44,160

the sky that night.

392

00:31:44,160 --> 00:31:50,640

So vivid, in fact, that many of them gather each year at Fort MacArthur in San Pedro,

393

00:31:50,640 --> 00:31:55,920

California, to reenact this mysterious event.

394

00:31:55,920 --> 00:31:58,080

The city went crazy.

395

00:31:58,080 --> 00:32:02,000

They thought it was, we were being attacked by Japanese planes.

396

00:32:02,000 --> 00:32:06,880

Some theories said weather balloon, others said, you know, oh, I saw a plane, I know

397

00:32:06,880 --> 00:32:09,960

I saw a plane, and others say no, no such plane.

398

00:32:09,960 --> 00:32:11,600

Back then it was a scary thing.

399

00:32:11,600 --> 00:32:14,160

I think to this day they don't know what they were firing at.

400

00:32:14,160 --> 00:32:18,960

If it was a weather balloon or flying saucers.

401

00:32:18,960 --> 00:32:26,840

But for those who believe they saw an alien craft that night, one important question remains.

402

00:32:26,840 --> 00:32:30,760

What happened to it?

403

00:32:30,760 --> 00:32:39,120

The rumor is that it finally crashed in the water and was recovered by Navy divers.

404

00:32:39,120 --> 00:32:42,920

So maybe it was wounded and it crashed.

405

00:32:42,920 --> 00:32:51,720

And this might explain why the military was so quick to react to Roswell five years later,

406

00:32:51,720 --> 00:32:58,920

because they may already have had at least some inkling of what they would find there.

407

00:32:58,920 --> 00:33:07,520

Space Earth really visited by an alien spacecraft on the morning of February 25, 1942.

408

00:33:07,520 --> 00:33:14,800

And could the global threats posed by World War II have provided a trigger?

409

00:33:14,800 --> 00:33:19,840

Perhaps the idea is not as far fetched as some would think.

410

00:33:19,840 --> 00:33:26,560

Is it possible that alien spacecraft could have been mistaken for enemy fighter planes

411

00:33:26,560 --> 00:33:32,000

in Adolf Hitler's Germany?

412

00:33:32,000 --> 00:33:40,840

In his 1993 book, *The Gods of Eden*, author William Bramley theorized that extraterrestrials

413

00:33:40,840 --> 00:33:47,760

played a part in nearly every catastrophe in human history and have even used war as

414

00:33:47,760 --> 00:33:54,680

a means to control the growth of the human population.

415

00:33:54,800 --> 00:34:02,680

And while many are skeptical about Bramley's claims, there is one thing on which they agree.

416

00:34:02,680 --> 00:34:08,840

That the number of reported UFO sightings always increases during wartime.

417

00:34:08,840 --> 00:34:17,160

In times of war, when vast civilizations are in conflict and in conflict so terrible that

418

00:34:17,160 --> 00:34:22,840

it seems as though the civilizations will wipe themselves out, suddenly out of nowhere,

419

00:34:23,320 --> 00:34:25,920

UFOs appear.

420

00:34:25,920 --> 00:34:32,880

While skeptics and military historians attribute these alleged sightings to war nerves or stress,

421

00:34:32,880 --> 00:34:41,280

those who believe in UFOs find the number of instances hard to dismiss.

422

00:34:41,280 --> 00:34:49,240

When World War II broke out in September of 1939, there were numerous reports of unidentified

423

00:34:49,240 --> 00:34:54,440

flying objects spotted over Hitler's Germany.

424

00:34:54,440 --> 00:34:59,880

Although the term UFO had not yet been coined, the Allies believed the bogies, as they were

425

00:34:59,880 --> 00:35:05,720

then known, were new fighter planes being developed by the Nazis.

426

00:35:05,720 --> 00:35:14,400

But the first combat bomber jets, the German Messerschmitt ME-262, weren't deployed by

427

00:35:14,400 --> 00:35:20,160

the German Air Force until 1943.

428

00:35:20,160 --> 00:35:26,800

It certainly doesn't escape notice just how advanced the Nazi propulsion systems and their

429

00:35:26,800 --> 00:35:30,040

aeronautics technology really was.

430

00:35:30,040 --> 00:35:36,120

They had the first operational jet fighter to see combat.

431

00:35:36,120 --> 00:35:42,800

They were building and test flying aircraft that look incredibly similar to UFOs that

432

00:35:42,800 --> 00:35:46,680

are reported even today.

433

00:35:46,680 --> 00:35:49,960

They had greatly advanced rocket technology.

434

00:35:49,960 --> 00:36:00,760

There have long been rumors about Nazi projects to build aircraft using UFO technology.

435

00:36:00,760 --> 00:36:07,400

At the end of the 19th century, there was Aliezer Crowley, H.G. Wells, Brahms Stoker

436

00:36:07,400 --> 00:36:12,440

who wrote Dracula, and Jules Verne who wrote From Earth to the Moon.

437

00:36:12,440 --> 00:36:15,600

They were in a society called the Golden Dawn.

438

00:36:15,600 --> 00:36:23,440

In that society, they actually believed in the existence not only of UFOs but extraterrestrials.

439

00:36:23,440 --> 00:36:31,640

That culture influenced Hitler in the late 1920s early into the 1930s.

440

00:36:31,640 --> 00:36:37,880

In looking for the origins of the Aryan race, they went all the way to India and the Vedic

441

00:36:37,880 --> 00:36:41,200

texts which talk about UFOs.

442

00:36:41,200 --> 00:36:48,400

So Hitler in his own way was a UFO believer and sought to develop his own version of the

443

00:36:48,400 --> 00:36:55,080

UFO based on the Vedic text to have a dramatic Wundavava, a wonder weapon that would end

444

00:36:55,080 --> 00:36:57,920

the war.

445

00:36:57,920 --> 00:37:04,440

Although the Nazis never developed this so-called wonder weapon, reports of strange flying machines

446

00:37:04,440 --> 00:37:08,960

in German airspace continued throughout the war.

447

00:37:08,960 --> 00:37:13,840

But just what was it that the Allied pilots were reporting?

448

00:37:13,840 --> 00:37:23,520

In the 1940s, as waves of American bombers were literally obliterating German cities,

449

00:37:23,520 --> 00:37:32,880

Dresden, Hamburg, Berlin, in these raids, American fighter pilots saw these balls of

450

00:37:32,880 --> 00:37:35,200

light coming at their planes.

451

00:37:35,200 --> 00:37:40,280

They didn't know what they were, they thought they were German secret weapons at first,

452

00:37:40,280 --> 00:37:43,640

so they called them Foo Fighters.

453

00:37:43,640 --> 00:37:49,200

The word fit in French is fire and these were balls of fire coming out.

454

00:37:49,200 --> 00:37:53,400

So instead of fear fighters, they were Foo Fighters.

455

00:37:53,400 --> 00:37:58,200

They were seen in large numbers over Germany and over Western Europe where they were described

456

00:37:58,200 --> 00:38:02,760

variously as structured craft or simply balls of light.

457

00:38:02,760 --> 00:38:09,000

It was so important at the time that the military began to notice it and they began to investigate

458

00:38:09,000 --> 00:38:10,000

these things.

459

00:38:10,000 --> 00:38:12,320

There are hundreds of cases.

460

00:38:12,320 --> 00:38:18,000

None seemed to be very harmful to planes, but they were all over the place.

461

00:38:18,000 --> 00:38:23,800

Curiously, when the Foo Fighters appeared, Allied aircraft would sometimes experience

462

00:38:23,800 --> 00:38:26,240

mechanical failure.

463

00:38:26,240 --> 00:38:31,600

And perhaps most mystifying of all was that some pilots reported flying right through

464

00:38:31,720 --> 00:38:40,240

the UFOs as if they had no mass.

465

00:38:40,240 --> 00:38:46,440

It was never discovered what the Foo Fighters were or where they came from, but the theory

466

00:38:46,440 --> 00:38:51,960

that they were some sort of German secret weapon was widely accepted among Allied pilots at

467

00:38:51,960 --> 00:38:53,920

the time.

468

00:38:53,920 --> 00:39:00,920

But could the Third Reich have possessed technology more advanced than even our most modern aircraft?

469

00:39:00,920 --> 00:39:05,600

Some believe what the Nazis had developed was an advanced mechanism that scientists

470

00:39:05,600 --> 00:39:13,100

are still working on today, mercury-powered anti-gravity technology.

471

00:39:13,100 --> 00:39:21,360

This involves mercury being in a closed system, like a glass ball.

472

00:39:21,360 --> 00:39:28,520

Once that mercury becomes spinning in a gyroscopic manner within a closed system, that creates

473

00:39:28,520 --> 00:39:30,000

a lift.

474

00:39:30,000 --> 00:39:34,760

The electrified lift is also a very bright light.

475

00:39:34,760 --> 00:39:39,240

And in fact, many UFOs are described as exactly that.

476

00:39:39,240 --> 00:39:47,240

Towards the end of World War II, the Germans started producing massive amounts of mercury.

477

00:39:47,240 --> 00:39:52,480

And in fact, a number of the U-boats that were later sunk, one was sunk near Singapore,

478

00:39:52,480 --> 00:39:58,160

another in Norway, only a few years ago, they actually found it, and its entire cargo was

479

00:39:58,160 --> 00:39:59,520

mercury.

480

00:39:59,680 --> 00:40:04,080

The few historians have actually written about Foo Fighters, which is still apparently a

481

00:40:04,080 --> 00:40:11,720

secret today, is that they were a kind of mercury plasma ball, and the purpose of the

482

00:40:11,720 --> 00:40:23,120

Foo Fighters was to make a highly pulsed magnetic charge and field around the bombers, which

483

00:40:23,120 --> 00:40:32,280

would then cut out the engines and interfere with the electrical systems in the planes.

484

00:40:32,280 --> 00:40:37,800

Could Foo Fighters really have been based on extraterrestrial technology?

485

00:40:37,800 --> 00:40:42,040

If so, where did the Germans get it?

486

00:40:42,040 --> 00:40:48,920

UFO theorists point to the discovery of a flying saucer that allegedly crashed in the

487

00:40:48,920 --> 00:40:54,280

Black Forest near Freberg, Germany in 1936.

488

00:40:54,280 --> 00:41:01,840

Some believe German scientists repaired the craft to test its energy and propulsion systems,

489

00:41:01,840 --> 00:41:07,240

and through reverse engineering were able to replicate some of these so-called alien

490

00:41:07,240 --> 00:41:08,240

technologies.

491

00:41:08,240 --> 00:41:10,560

Did the Nazis take this craft?

492

00:41:10,560 --> 00:41:13,880

And was there some sort of a pact that happened there?

493

00:41:13,880 --> 00:41:17,680

Did the Nazis, did they retrieve bodies?

494

00:41:17,680 --> 00:41:20,240

It's hard to pin down how much they had.

495

00:41:20,240 --> 00:41:21,740

Was there contact?

496

00:41:21,740 --> 00:41:27,200

There's always been that theory that they had a captured craft and that they were reverse

497

00:41:27,200 --> 00:41:28,320

engineering it.

498

00:41:28,320 --> 00:41:29,800

It's very possible.

499

00:41:29,800 --> 00:41:36,040

They were truly way more advanced than any culture at the time.

500

00:41:36,040 --> 00:41:40,280

Thank God for the American know-how, because we were combating them with our own kind of

501

00:41:40,280 --> 00:41:42,960

knowledge and technology as well.

502

00:41:42,960 --> 00:41:49,640

After World War II, there was an exercise mounted by the Americans called Operation

503

00:41:49,640 --> 00:41:51,840

Paperclip.

504

00:41:51,840 --> 00:41:57,520

The Allies had been confronted with all this amazing technology from Germany.

505

00:41:57,520 --> 00:42:04,960

The jet engines, airplanes, the rocket engine airplanes, all these amazing devices.

506

00:42:04,960 --> 00:42:11,360

To give you an example of some of the material that was collected by Operation Paperclip,

507

00:42:11,360 --> 00:42:18,440

right at the end of the war, Von Braun and his team had begun designing multi-stage rockets

508

00:42:18,440 --> 00:42:22,160

capable of reaching the United States.

509

00:42:22,160 --> 00:42:29,120

They also had plans for a space station, a classic circular sci-fi space station.

510

00:42:29,120 --> 00:42:35,440

And on this, they had a huge sunlight collector and mirror that was designed to focus sunlight

511

00:42:35,440 --> 00:42:38,400

down on the Earth as a kind of death ray.

512

00:42:39,400 --> 00:42:46,800

There were all these wild ideas coming out of that team that turned it into a very valuable

513

00:42:46,800 --> 00:42:49,480

coup for the United States.

514

00:42:49,480 --> 00:43:04,160

Ultimately, it was Von Braun who built the Saturn V rocket that took people to the Moon.

515

00:43:04,160 --> 00:43:10,440

The story of the World War II Foo Fighters, much like that of the Battle of Los Angeles,

516

00:43:10,440 --> 00:43:16,240

has been largely forgotten or dismissed by traditional historians.

517

00:43:16,240 --> 00:43:22,960

But an event that happened just two years after the war at even the skeptics wondering,

518

00:43:22,960 --> 00:43:27,440

what if aliens really did exist?

519

00:43:27,440 --> 00:43:30,840

And could one of their craft have crashed to Earth?

520

00:43:35,160 --> 00:43:43,560

Mainstream archaeologists have long rejected the notion that extraterrestrial beings had

521

00:43:43,560 --> 00:43:49,120

a hand in creating the pyramids of Egypt.

522

00:43:49,120 --> 00:43:54,760

Theologians and religious scholars refute the idea that stories of the Bible or the

523

00:43:54,760 --> 00:44:00,360

Mahabharata could be describing alien encounters.

524

00:44:00,360 --> 00:44:05,720

The governments throughout history have officially denied reports that the Earth has been visited

525

00:44:05,720 --> 00:44:08,800

by flying saucers.

526

00:44:08,800 --> 00:44:15,840

But on July 8, 1947, a UFO sighting was reported that even the United States government had

527

00:44:15,840 --> 00:44:17,480

trouble denying.

528

00:44:17,480 --> 00:44:18,560

Why?

529

00:44:18,560 --> 00:44:25,840

Because this time, the report was issued by the U.S. Army.

530

00:44:25,840 --> 00:44:31,920

I'm walking on the Foster Ranch between Corona and Roswell, New Mexico, not far from what

531

00:44:31,920 --> 00:44:35,360

is called the debris field right over that hill.

532

00:44:35,360 --> 00:44:44,720

And that debris field refers to headlines back in July of 1947 about a disk, one of

533

00:44:44,720 --> 00:44:52,640

those mysterious UFOs actually crashing right out here.

534

00:44:52,640 --> 00:45:02,120

One night in early July, 1947, a major thunderstorm rolled across New Mexico.

535

00:45:02,120 --> 00:45:07,120

The next morning, rancher Mack Brasil went out to check on the damage.

536

00:45:07,120 --> 00:45:10,640

Mack Brasil went out to make sure everything was where it was supposed to be, and he came

537

00:45:10,640 --> 00:45:16,280

across this really extensive area of debris, stuff he had never seen before.

538

00:45:16,280 --> 00:45:19,600

He brought it to the local sheriff's office.

539

00:45:19,600 --> 00:45:25,400

In 1947, Roswell was home to Roswell Army Airfield.

540

00:45:25,400 --> 00:45:27,320

The sheriff called the base.

541

00:45:27,320 --> 00:45:32,400

The base sent Major Jess Marcel, and at that point it basically became a military site

542

00:45:32,400 --> 00:45:35,720

as they gathered up every bit of debris they could find.

543

00:45:35,720 --> 00:45:41,000

In their initial report, Army officials made a vague claim of having started the recovery

544

00:45:41,000 --> 00:45:45,160

of the debris sometime last week.

545

00:45:45,160 --> 00:45:49,400

But why didn't the Army report their findings right away?

546

00:45:49,400 --> 00:45:54,680

And why were they so ambiguous about the timeline?

547

00:45:54,680 --> 00:46:01,560

One of the biggest things we have is the newspaper of July 8, 1947, where Colonel Blanchard issued

548

00:46:01,560 --> 00:46:06,600

an order to Lieutenant Walter Hott, who was a public information officer, saying basically

549

00:46:06,600 --> 00:46:12,120

we have in our possession of flying saucer it's being taken to Fort Worth to hire headquarters.

550

00:46:12,120 --> 00:46:15,360

Roswell was a real turning point for ufology.

551

00:46:15,360 --> 00:46:21,600

I think that was because the military for the first time admitted that they had a crash

552

00:46:21,600 --> 00:46:28,120

disk, and because it was admitted at the time, of course it caused a sensation.

553

00:46:28,120 --> 00:46:36,080

Then July 9, General Ramey issued a press release saying no, it was a weather bling.

554

00:46:36,080 --> 00:46:42,680

And that started the best documented UFO cover up ever.

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00:46:42,680 --> 00:46:48,360

Army officials referred to the debris as being part of a flying disk.

556

00:46:48,360 --> 00:46:53,280

Internal memos even referenced the crash site as having victims.

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00:46:53,280 --> 00:46:59,680

So why, less than 24 hours later, did they suddenly decide that what they had retrieved

558

00:46:59,680 --> 00:47:04,200

was nothing more than a weather balloon?

559

00:47:04,200 --> 00:47:09,760

Although Blanchard and Ramey stuck by the revised story, Lieutenant Hott stood by the

560

00:47:09,760 --> 00:47:14,080

contents of his initial report his entire life.

561

00:47:14,080 --> 00:47:20,200

And those who believe him think modern technology may have recently provided the irrefutable

562

00:47:20,200 --> 00:47:24,920

evidence they have been looking for.

563

00:47:24,920 --> 00:47:30,680

When Major Marcel took the debris to Fort Worth, and General Ramey spread it out to give this

564

00:47:30,680 --> 00:47:35,400

press conference that it was a weather balloon, there was a picture taken and in his hand

565

00:47:35,400 --> 00:47:36,920

is a piece of paper.

566

00:47:37,640 --> 00:47:44,040

It's a very little piece of paper, I mean and this has been blown up and it is a memo.

567

00:47:44,040 --> 00:47:49,880

There is a leading researcher in the field who is pulling the words out of this and they

568

00:47:49,880 --> 00:47:58,000

include things like Team at Fort Worth, Forwarded Victims of the Wreck, Pod or Pan.

569

00:47:58,000 --> 00:48:05,760

And so every year that the technology improves, General Ramey may be the one to solve it.

570

00:48:05,760 --> 00:48:13,960

Bob Wood, a researcher in UFOs, had received leaked documents in 1996 and shared them with

571

00:48:13,960 --> 00:48:16,440

me and a few others.

572

00:48:16,440 --> 00:48:24,800

This document called the Interplanetary Phenomenon Unit, with a war department stamp dated July

573

00:48:24,800 --> 00:48:28,960

22nd, 1947.

574

00:48:28,960 --> 00:48:34,800

The most disturbing aspect of this investigation was that there were other bodies found not

575

00:48:34,800 --> 00:48:41,440

far from Landing Zone 1, the Mac Brazill site between Corona and Roswell, that looked

576

00:48:41,440 --> 00:48:47,200

as if they had been dissected as you would a frog.

577

00:48:47,200 --> 00:48:54,200

It does not define were those bodies human, were those bodies non-human.

578

00:48:54,200 --> 00:49:02,720

But suddenly for me, this electric jolt that came into holding that document and reading

579

00:49:02,720 --> 00:49:11,000

at the end of the 90s, what would explain finally that our government knew that extraterrestrial

580

00:49:11,000 --> 00:49:18,080

biological entities from somewhere else in the cosmos was interacting with our planet

581

00:49:18,080 --> 00:49:23,360

for a very long time.

582

00:49:23,360 --> 00:49:29,920

Five years after Roswell, the United States Air Force coined the term Unidentified Flying

583

00:49:29,920 --> 00:49:33,360

Object, or UFO.

584

00:49:33,360 --> 00:49:40,200

In the decades since, thousands of UFOs have been reported, photographed, and videotaped

585

00:49:40,200 --> 00:49:45,360

all over the world.

586

00:49:45,360 --> 00:49:51,440

Perhaps one of the biggest, most revolutionary pieces of technology to change our view of

587

00:49:51,440 --> 00:49:58,800

UFOs in flying saucers is the video cam.

588

00:49:58,800 --> 00:50:04,800

You only have to look at what happened in Phoenix, Arizona in March of 1997 when these

589

00:50:04,800 --> 00:50:11,840

huge flying boomerangs went right across Phoenix, right through the whole valley heading south

590

00:50:11,840 --> 00:50:14,040

to the Mexico border.

591

00:50:14,040 --> 00:50:16,000

These were all caught on cameras.

592

00:50:16,000 --> 00:50:18,560

Network news caught these, local news caught these.

593

00:50:18,560 --> 00:50:21,640

You saw these on CNN, you saw these on Larry King.

594

00:50:21,640 --> 00:50:23,600

Oh, there it is, over the left.

595

00:50:23,600 --> 00:50:26,000

And yes, people called them flares.

596

00:50:26,000 --> 00:50:27,360

Of course they did.

597

00:50:27,360 --> 00:50:32,040

But the fact is, when you see something with your own eyes.

598

00:50:32,040 --> 00:50:34,640

Look dude, Pat, you got it?

599

00:50:34,640 --> 00:50:39,040

Even if it's on a video camera, suddenly your perspective changes.

600

00:50:39,040 --> 00:50:40,720

And that middle one is moving quick.

601

00:50:40,720 --> 00:50:44,000

It's only at the beginning, you guys.

602

00:50:44,000 --> 00:50:54,320

So now, according to recent polls, Gallup polls and Roper polls, well over 50% of Americans

603

00:50:54,320 --> 00:50:58,160

believe that flying saucers exist.

604

00:50:58,160 --> 00:51:03,920

And close to 50% believe that the government knows that flying saucers exist and that the

605

00:51:03,920 --> 00:51:08,400

government is hiding that fact.

606

00:51:08,400 --> 00:51:12,680

But why so many UFO sightings after Roswell?

607

00:51:12,680 --> 00:51:14,560

Is it a coincidence?

608

00:51:14,560 --> 00:51:19,840

Or is the world's growing belief in aliens providing cover for those who might previously

609

00:51:19,840 --> 00:51:23,760

have been too afraid of ridicule to come forward?

610

00:51:24,200 --> 00:51:27,240

Perhaps there is another reason.

611

00:51:27,240 --> 00:51:35,040

Perhaps there are more sightings because there is a genuine increase in alien visitations,

612

00:51:35,040 --> 00:51:38,640

ever since the dawn of the space age.

613

00:51:38,640 --> 00:51:44,760

There had been plenty of stories of UFOs and aliens prior to that, a lot of sightings.

614

00:51:44,760 --> 00:51:50,120

They weren't as widely reported, somewhat also because World War II had been going on

615

00:51:50,120 --> 00:51:51,600

prior to that.

616

00:51:51,600 --> 00:51:56,920

But because now we have to crash, and there was more room in the newspaper, so to speak,

617

00:51:56,920 --> 00:51:59,400

I think that really helped the subject take off.

618

00:52:02,040 --> 00:52:09,120

If, as some suggest, aliens from other worlds truly are among us and have done their best

619

00:52:09,120 --> 00:52:15,440

to keep themselves hidden for thousands of years, will they ever reveal their presence?

620

00:52:16,440 --> 00:52:21,600

More importantly, what happens if they do?

621

00:52:21,600 --> 00:52:25,160

And what if it is already happening?

622

00:52:29,160 --> 00:52:37,280

In March 2010, a mysterious pulsating light floated over Cleveland, Ohio for 11 consecutive

623

00:52:37,280 --> 00:52:38,280

nights.

624

00:52:38,280 --> 00:52:42,040

We're having a sighting right now over the lake.

625

00:52:42,040 --> 00:52:45,200

I'm going to say 270 degrees south.

626

00:52:45,200 --> 00:52:47,120

There are two objects.

627

00:52:47,120 --> 00:52:48,880

One is coming up from the left.

628

00:52:48,880 --> 00:52:51,200

These are extremely close to each other.

629

00:52:51,200 --> 00:52:54,240

There's absolutely no way these are planes.

630

00:52:54,240 --> 00:52:57,920

Right now, what's happening is the initial object that came out.

631

00:52:57,920 --> 00:53:01,920

It's sitting there, it's hovering, it's getting extremely bright, it's illuminating different

632

00:53:01,920 --> 00:53:07,080

colors, and this second object appeared from, I'm going to say, the top left of it, and

633

00:53:07,080 --> 00:53:11,400

now it looks like it's moving around it.

634

00:53:11,400 --> 00:53:12,400

Wow!

635

00:53:12,400 --> 00:53:14,400

It's completely just switched spots.

636

00:53:14,400 --> 00:53:17,680

Oh my God, this is beautiful.

637

00:53:17,680 --> 00:53:21,120

It knows we're watching, it knows we're watching.

638

00:53:21,120 --> 00:53:26,680

The Cleveland sighting is one of thousands reported each year, and while many are proved

639

00:53:26,680 --> 00:53:35,640

to be false alarms, others are not so easily discredited.

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00:53:35,640 --> 00:53:42,520

In 1991, Britain's Ministry of Defence assigned author and journalist Nick Pope to track the

641

00:53:42,520 --> 00:53:48,960

hundreds of sightings reported over England, Scotland, and Wales every year.

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00:53:48,960 --> 00:53:56,520

The Ministry of Defence has been looking at the UFO issue since the 1950s, and the whole

643

00:53:56,520 --> 00:54:01,640

reason for looking at these UFO sightings is not necessarily because the department

644

00:54:01,640 --> 00:54:04,960

corporately believes in extraterrestrial visitation.

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00:54:04,960 --> 00:54:10,440

It's more to do with keeping a watch fly on any unusual activity in British airspace.

646

00:54:10,440 --> 00:54:13,760

Clearly, if there's something there that's a little bit out of the ordinary, we want

647

00:54:13,760 --> 00:54:19,480

to know about it.

648

00:54:19,480 --> 00:54:25,360

My beliefs when I was given this job were, I think, what on earth have I let myself in

649

00:54:25,360 --> 00:54:26,360

for here?

650

00:54:26,360 --> 00:54:32,240

I had no particular knowledge or interest in the UFO phenomenon, certainly no belief

651

00:54:32,240 --> 00:54:34,720

in anything unusual.

652

00:54:34,720 --> 00:54:39,760

But the more I looked back through the archive of old files, and the more I began to investigate

653

00:54:39,760 --> 00:54:45,520

the ones that were being reported to me on a daily basis, I began to change my mind and

654

00:54:45,520 --> 00:54:51,280

realise that some of these UFO sightings couldn't be explained in conventional terms.

655

00:54:51,280 --> 00:54:53,960

It's definitely moving.

656

00:54:53,960 --> 00:55:00,280

Many of the most intriguing cases Pope researched involved eyewitness reports from pilots, police

657

00:55:00,280 --> 00:55:13,480

and military officers, while others featured classified radar, video or photographic evidence.

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00:55:13,480 --> 00:55:19,160

One case that was a particular turning point for me was the so-called Cosford incident.

659

00:55:19,160 --> 00:55:27,280

Now Cosford is a military base in the United Kingdom, and on the particular night in question,

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00:55:27,280 --> 00:55:33,360

which was 30th of March, 1993, there was a wave of sightings over a period of about six

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00:55:33,360 --> 00:55:37,160

hours, and there were many police and military witnesses.

662

00:55:37,160 --> 00:55:44,480

And two air force bases, Cosford and Shawbury, were directly over flown by a vast triangular

663

00:55:44,480 --> 00:55:48,880

shaped craft.

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00:55:48,880 --> 00:55:53,440

Now the meteorological officer at one of these bases described this to me as the size of

665

00:55:53,440 --> 00:56:01,080

a jumbo jet hovering or moving very, very slowly, and then accelerating away to the horizon

666

00:56:01,080 --> 00:56:02,840

at incredible speed.

667

00:56:02,840 --> 00:56:06,200

He said many times faster than a military jet.

668

00:56:06,200 --> 00:56:12,160

And this was a man with eight years experience in the air force.

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00:56:12,160 --> 00:56:17,760

This sighting was thoroughly investigated not only by private UFO investigators, but

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00:56:17,760 --> 00:56:24,200

also by the British government, who were unable to explain all of the sightings reported during

671

00:56:24,200 --> 00:56:27,120

this incident.

672

00:56:27,120 --> 00:56:32,880

Another intriguing British UFO sighting took place in December 1980.

673

00:56:32,880 --> 00:56:38,960

U.S. Air Force personnel stationed in Suffolk, England reported seeing a brilliantly illuminated

674

00:56:38,960 --> 00:56:54,800

spaceship that landed in Randallsham Forest on two consecutive nights.

675

00:56:54,800 --> 00:57:01,320

What made this case particularly unusual is that this was not vague lights in the sky.

676

00:57:01,320 --> 00:57:06,920

This was a landed metallic craft that some of the witnesses claimed they got so close

677

00:57:07,040 --> 00:57:09,880

to they could actually touch the side of it.

678

00:57:09,880 --> 00:57:16,960

One witness saw strange symbols on the hull, which he likened to Egyptian hieroglyphs.

679

00:57:16,960 --> 00:57:21,520

He made a sketch of this in his police notebook and took some photos, though he was subsequently

680

00:57:21,520 --> 00:57:23,480

told they didn't come out.

681

00:57:23,480 --> 00:57:31,800

The Ministry of Defence looked at this and the Defence Intelligence staff assessed radiation

682

00:57:31,800 --> 00:57:37,840

readings that had been taken at the landing site as being significantly higher than background.

683

00:57:37,840 --> 00:57:41,160

That's a direct quote from the government's own assessment.

684

00:57:41,160 --> 00:57:48,600

The British government generated a massive file of information about this sighting report.

685

00:57:48,600 --> 00:57:53,000

But at this date it's very unlikely that the actual truth about this sighting will ever

686

00:57:53,000 --> 00:57:59,400

be known.

687

00:57:59,400 --> 00:58:05,000

But in spite of the compelling eyewitness testimony, the Ministry of Defence soon declared the

688

00:58:05,000 --> 00:58:08,360

case closed.

689

00:58:08,360 --> 00:58:14,280

Twenty-two years later, when the government declassified files on the Randallsham incident,

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00:58:14,280 --> 00:58:17,320

the evidence was inconclusive.

691

00:58:17,320 --> 00:58:22,480

But what stood out was the credibility of the main witnesses, who were trained military

692

00:58:22,480 --> 00:58:23,480

personnel.

693

00:58:23,480 --> 00:58:29,640

Obviously, as a UFO hunter, I've met a lot of people who've encountered UFOs.

694

00:58:29,640 --> 00:58:35,720

Just flying on a plane, for example, you're on a plane and suddenly the pilot comes out

695

00:58:35,720 --> 00:58:36,720

of the cockpit.

696

00:58:36,720 --> 00:58:39,400

This has happened on five separate occasions.

697

00:58:39,400 --> 00:58:42,480

And he'll say to me, I saw a UFO over Phoenix.

698

00:58:42,480 --> 00:58:44,720

I saw a UFO over Texas.

699

00:58:44,720 --> 00:58:46,560

Half my crew saw a UFO.

700

00:58:46,560 --> 00:58:49,120

And you'll say to the pilot, well, do you report it?

701

00:58:49,120 --> 00:58:54,440

And they say, when the flight controller says at the airport, do you want to report a UFO

702

00:58:54,440 --> 00:58:58,960

sighting and then burst out laughing, what you say is no.

703

00:58:58,960 --> 00:59:02,840

There are UFO sightings every single day.

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00:59:02,840 --> 00:59:08,040

Real people with real sightings of real UFOs.

705

00:59:08,040 --> 00:59:13,160

It is very prevalent as more and more people talk about it.

706

00:59:13,160 --> 00:59:15,520

Something is going on.

707

00:59:15,520 --> 00:59:21,040

In terms of the government response to all this, certainly in Britain, the Ministry

708

00:59:21,040 --> 00:59:28,160

of Defence policy for many years has been to try and downplay this subject.

709

00:59:28,160 --> 00:59:33,400

Not really in any great sinister attempt to cover up the truth about UFOs, whatever that

710

00:59:33,400 --> 00:59:34,400

might be.

711

00:59:34,400 --> 00:59:35,680

But more out of embarrassment.

712

00:59:35,680 --> 00:59:37,120

There are things in our airspace.

713

00:59:37,120 --> 00:59:38,280

We don't know what they are.

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00:59:38,280 --> 00:59:41,840

And that's not a good place for the government and the military to be.

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00:59:41,840 --> 00:59:50,080

On December 1st, 2009, the British Ministry of Defence quietly terminated its UFO project,

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00:59:50,080 --> 00:59:55,200

citing that there had been no credible evidence that UFOs posed a potential threat to the

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00:59:55,200 --> 00:59:59,600

United Kingdom.

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00:59:59,600 --> 01:00:05,440

There are a number of aspects of this decision that were particularly controversial.

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01:00:05,440 --> 01:00:10,960

Firstly, UFO sightings are at a 10-year high in the United Kingdom.

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01:00:10,960 --> 01:00:16,320

So it seemed the most inopportune moment to pull the plug on 50 years of research and

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01:00:16,320 --> 01:00:19,160

investigation into the UFO mystery.

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01:00:19,160 --> 01:00:24,600

The other point that made this particularly controversial was the way in which the decision

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01:00:24,600 --> 01:00:25,600

was announced.

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01:00:25,600 --> 01:00:30,920

There was no proactive statement issued on this.

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01:00:30,920 --> 01:00:36,600

It simply said the department will not respond to any inquiries on this subject and will

726

01:00:36,600 --> 01:00:42,840

no longer investigate sightings.

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01:00:42,840 --> 01:00:47,560

One hurdle confronting those in favour of fully disclosing classified information related

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01:00:47,560 --> 01:00:55,280

to UFOs is the fact that most mainstream scientists believe that the study of alien phenomena is

729

01:00:55,280 --> 01:00:59,120

little more than just fringe science.

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01:00:59,120 --> 01:01:06,600

It is this fear of dismissal or ridicule that keeps many scientists hidden in the shadows.

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01:01:06,600 --> 01:01:14,640

Our best scientists who communicate with one another around the world have rules of protocol

732

01:01:14,640 --> 01:01:20,520

which include they cannot appear to be religious.

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01:01:20,520 --> 01:01:24,200

They cannot believe in flying saucers and they certainly shouldn't hang around with

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01:01:24,200 --> 01:01:29,320

anybody who believes in flying saucers.

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01:01:29,320 --> 01:01:34,800

But it's all done, you might say, behind closed doors because nobody really wants to draw

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01:01:34,800 --> 01:01:37,600

attention to it.

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01:01:37,600 --> 01:01:43,680

They understand that there's a penalty associated with this kind of research and so consequently

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01:01:43,680 --> 01:01:46,880

it's done invisibly.

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01:01:46,880 --> 01:01:52,680

To be located and stopped by worries about peer reviews and so forth to me is wrong.

740

01:01:52,680 --> 01:01:55,720

We can speculate whether there is life outside this plant.

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01:01:55,720 --> 01:02:00,760

We can speculate whether there's been a contact with other civilizations.

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01:02:00,760 --> 01:02:02,280

Why not?

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01:02:02,280 --> 01:02:07,680

But as more scientists openly embrace the probability that there is intelligent life

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01:02:07,680 --> 01:02:13,840

existing elsewhere in the universe, will the belief that alien beings are visiting us

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01:02:13,840 --> 01:02:20,120

also become more accepted?

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01:02:20,120 --> 01:02:27,000

What might be the reaction today if extraterrestrials were to actually arrive on Earth and make

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01:02:27,000 --> 01:02:31,120

themselves known to us?

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01:02:31,120 --> 01:02:36,160

Countless science fiction books and films tend to portray aliens coming either to warn

749

01:02:36,160 --> 01:02:39,520

us or destroy us.

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01:02:39,520 --> 01:02:43,760

Since the 1960s, people have been thinking about, well, what do we do?

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01:02:43,760 --> 01:02:46,480

Do we have a day-to-earth stood still scenario?

752

01:02:46,480 --> 01:02:51,560

If aliens come, do they warn us that our planet's facing disaster?

753

01:02:51,560 --> 01:02:56,040

Do they attack us the way the Martians did in War of the Worlds?

754

01:02:56,040 --> 01:03:00,520

Well, the answer is more complicated than it seems.

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01:03:00,520 --> 01:03:10,080

It's not just somebody landing and saying, take me to your leader.

756

01:03:10,080 --> 01:03:15,600

The general consensus today is that if extraterrestrials were to show up tomorrow, they'd be hostile

757

01:03:15,600 --> 01:03:23,360

and they would want to enslave us and battle us and destroy us and all this crazy stuff.

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01:03:23,360 --> 01:03:30,120

In my opinion, that won't be the case because any civilization that's mastered to travel

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01:03:30,120 --> 01:03:40,520

interstellar space would be benevolent to a lesser advanced society technologically speaking.

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01:03:40,520 --> 01:03:46,320

Our statistic shows that if we make contact with extraterrestrial civilization, we are

761

01:03:46,320 --> 01:03:47,920

the new kids on the block.

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01:03:47,920 --> 01:03:53,440

We're the ones who are at the back of the queue when it comes to intelligence.

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01:03:53,440 --> 01:03:55,840

So they'll be teaching us stuff.

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01:03:55,840 --> 01:03:59,960

We won't have a great deal to teach them.

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01:03:59,960 --> 01:04:04,680

There are a wide range of benefits that can be derived from accepting that we have neighbors

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01:04:04,680 --> 01:04:06,540

in the galaxy that are visiting us.

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01:04:06,540 --> 01:04:10,980

There are reports of medical treatments that have been performed for the benefit of several

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01:04:10,980 --> 01:04:12,820

people who have had contact.

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01:04:12,820 --> 01:04:15,540

There are advanced energy technologies.

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01:04:15,540 --> 01:04:19,260

Reports are that some of these have been reverse engineered already and are used in military

771

01:04:19,260 --> 01:04:21,180

craft.

772

01:04:21,180 --> 01:04:25,160

There are communications technologies.

773

01:04:25,160 --> 01:04:30,860

So really any area of life that we have could be beneficially impacted by acknowledging

774

01:04:30,860 --> 01:04:36,020

that there are these other people out there, that they have information, knowledge that

775

01:04:36,020 --> 01:04:38,140

we can share with us that would benefit us.

776

01:04:38,140 --> 01:04:41,540

It's going to depend on how the discovery comes about.

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01:04:41,540 --> 01:04:46,300

If in fact it's a distant radio broadcast, we might expect one thing.

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01:04:46,300 --> 01:04:52,420

If in fact there's some type of visitation that fits in with beliefs about UFOs, that

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01:04:52,420 --> 01:04:53,420

might be something else.

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01:04:53,420 --> 01:05:04,340

But on the whole, I think people are much more prepared for, should we say, contact.

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01:05:04,340 --> 01:05:08,900

Many who believe contact with extraterrestrials is inevitable.

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01:05:08,900 --> 01:05:11,860

Suggest governments need to prepare themselves.

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01:05:11,860 --> 01:05:16,340

It's a field of study known as exopolitics.

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01:05:16,340 --> 01:05:21,540

Exopolitics poses the question, what should our response be to that situation at a societal

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01:05:21,540 --> 01:05:22,980

level?

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01:05:22,980 --> 01:05:27,220

Not necessarily at a governmental level, but actually individuals.

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01:05:27,220 --> 01:05:31,380

How can we reach out with a hand of friendship?

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01:05:31,380 --> 01:05:35,900

This has really been a grassroots movement of people concerned about this issue and want

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01:05:35,900 --> 01:05:41,820

disclosure on the UFO subject and also want to help organize people locally to get the

790

01:05:41,820 --> 01:05:46,620

information out to their governments and make a this big change happen.

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01:05:46,620 --> 01:05:55,980

But if we reach out in friendship, what guarantee do we have that it will be returned in kind?

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01:05:55,980 --> 01:06:02,700

Many scientists, including famed theoretical physicist Stephen Hawking, believe alien beings

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01:06:02,700 --> 01:06:09,460

could pose a threat and suggest we do everything possible to prevent contact.

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01:06:09,460 --> 01:06:15,180

If extraterrestrials or aliens were aggressive or warlike and they came here, is it a case

795

01:06:15,180 --> 01:06:18,100

where resistance is futile?

796

01:06:18,100 --> 01:06:20,940

How do you wipe out life on planet Earth?

797

01:06:20,940 --> 01:06:21,940

That's easy.

798

01:06:21,940 --> 01:06:23,780

A plague.

799

01:06:23,780 --> 01:06:25,500

Simple.

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01:06:25,500 --> 01:06:32,220

No UFOs, no zorching beams from the sky, no explosions, no Empire State Building collapsing,

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01:06:32,220 --> 01:06:33,340

none of that.

802

01:06:33,340 --> 01:06:34,500

We can do that.

803

01:06:34,500 --> 01:06:38,020

Why can't aliens do that?

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01:06:38,020 --> 01:06:44,620

To think that we would be able to come up with some type of a defense mechanism or have

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01:06:44,620 --> 01:06:51,980

defenses against interstellar traveling society is ludicrous.

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01:06:51,980 --> 01:06:59,380

Whether they came as friend or foe, if extraterrestrials did land somewhere in the United States,

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01:06:59,380 --> 01:07:04,780

it's possible the aliens would be greeted by government or military personnel, wearing

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01:07:04,780 --> 01:07:12,500

hazmat suits and testing for harmful pathogens and radiation.

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01:07:12,500 --> 01:07:20,140

Many conspiracy theorists suspect the government's next step would be to cover up the visitation.

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01:07:20,140 --> 01:07:27,460

They cite as evidence a reputed sighting that took place over Washington, D.C. in 1952.

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01:07:27,460 --> 01:07:35,700

In full view of the entire world, a squadron of formation of UFOs buzzed Washington and

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01:07:35,700 --> 01:07:40,020

fought our own F-93 jet fighters.

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01:07:40,020 --> 01:07:45,700

General Samford willingly and deliberately, maybe on instructions from Harry Truman, who

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01:07:45,700 --> 01:07:49,340

was president, lied to the American people.

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01:07:49,340 --> 01:07:53,620

We have received and analyzed between one and two thousand reports.

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01:07:53,620 --> 01:07:59,820

Of this great mass of reports, we have been able adequately to explain the great book

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01:07:59,820 --> 01:08:01,180

of them.

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01:08:01,180 --> 01:08:08,580

His own Captain Rupelt in his own book on flying saucers says, Samford was lying.

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01:08:08,580 --> 01:08:15,500

We have the letter from the Air Force to Dean Condon saying, deep six UFOs.

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01:08:15,500 --> 01:08:20,260

So have UFOs come to planet Earth in full view, have manifested themselves, have shown

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01:08:20,260 --> 01:08:21,260

themselves?

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01:08:21,260 --> 01:08:22,900

Yes.

823

01:08:22,900 --> 01:08:24,420

Did we see it?

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01:08:24,420 --> 01:08:25,580

Yes.

825

01:08:25,580 --> 01:08:27,700

Was there a protocol for handling it?

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01:08:27,700 --> 01:08:28,700

Yes.

827

01:08:28,700 --> 01:08:32,620

That protocol was called deny.

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01:08:32,620 --> 01:08:38,900

But if an alien visitation proved undeniable, who might be chosen to then speak to those

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01:08:38,900 --> 01:08:41,740

inside the spacecraft?

830

01:08:41,740 --> 01:08:46,820

Who could best represent all the nations and interests of Earth?

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01:08:46,820 --> 01:08:51,860

If aliens do land on Earth, I think we should send our best world leaders who are the most

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01:08:51,860 --> 01:08:57,260

open-minded and reasonable, but who also have the ability to defend themselves against those

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01:08:57,260 --> 01:08:59,940

aliens.

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01:08:59,940 --> 01:09:03,780

In my opinion, that's one of the reasons we have a United Nations.

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01:09:03,780 --> 01:09:07,380

Yes, it prevents wars and delivers food.

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01:09:07,380 --> 01:09:14,060

But on the other hand, just imagine the Security Council itself convening to deal with aliens

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01:09:14,060 --> 01:09:17,060

an image on a big screen at the United Nations.

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01:09:17,060 --> 01:09:22,620

The answer is I think it all happened back in the 1940s, and that was one of the reasons

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01:09:22,620 --> 01:09:29,100

that Roosevelt and Eleanor Roosevelt pushed so hard for the formation of a United Nations

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01:09:29,100 --> 01:09:32,180

to replace the League of Nations.

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01:09:32,180 --> 01:09:35,180

Somebody had to confront the aliens.

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01:09:35,180 --> 01:09:42,060

The notion that our leaders, elected or otherwise, should speak on behalf, I don't necessarily

843

01:09:42,060 --> 01:09:44,780

think that makes sense.

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01:09:44,780 --> 01:09:49,940

There are a lot of people who might have better ideas than the people who are in government.

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01:09:49,940 --> 01:09:57,940

I'd like to see a profoundly democratic with a small d, unauthoritarian interaction with

846

01:09:57,940 --> 01:09:59,420

aliens.

847

01:09:59,700 --> 01:10:06,340

Currently, there are no known official protocols in place for an alien visitation.

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01:10:06,340 --> 01:10:11,740

But there are those who think that contact with extraterrestrials is imminent, and that

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01:10:11,740 --> 01:10:15,220

our world leaders must plan for the event now.

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01:10:15,220 --> 01:10:16,780

We're not alone in the universe.

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01:10:16,780 --> 01:10:23,620

We have friends and relatives out there in the galaxies.

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01:10:23,620 --> 01:10:28,900

And we need to take on this task one way or the other of just getting the job done and

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01:10:28,900 --> 01:10:33,860

getting to the point where we're considering the practical details of interacting with

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01:10:33,860 --> 01:10:36,940

these friends and neighbors out there.

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01:10:36,940 --> 01:10:39,540

Who is responsible for that relationship?

856

01:10:39,540 --> 01:10:42,060

Well, the State Department isn't.

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01:10:42,060 --> 01:10:43,460

The United Nations isn't.

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01:10:43,460 --> 01:10:45,500

And I think this is a very big problem.

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01:10:45,500 --> 01:10:51,300

So there needs to be a diplomatic effort to make contact with these interstellar civilizations

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01:10:51,300 --> 01:10:57,420

in such a way that it puts wiser people in charge of that.

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01:10:57,420 --> 01:11:03,820

Even if you don't corporately believe in extraterrestrials, if you think the possibility of alien

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01:11:03,820 --> 01:11:10,340

visitation is vanishingly small, the consequences, if it does happen, are immense and therefore

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01:11:10,340 --> 01:11:14,300

it's prudent to have something in place to deal with it.

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01:11:14,300 --> 01:11:15,660

Personally, I think it would be very, very exciting.

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01:11:15,660 --> 01:11:20,340

I mean, it would be just like the first time, you know, the explorers came from Europe to

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01:11:20,340 --> 01:11:23,140

the Americas and discovered a whole new culture and they had to interact.

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01:11:23,140 --> 01:11:25,940

Hopefully it won't work out as some of the bad things that occurred then.

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01:11:25,980 --> 01:11:30,660

But it would be a more positive experience and maybe we've learned from that and we can go forward.

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01:11:30,660 --> 01:11:37,540

What would happen after any potential extraterrestrial contact is open to much speculation.

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01:11:37,540 --> 01:11:40,300

But most people concede one thing.

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01:11:40,300 --> 01:11:45,300

The world, as we know it, would change dramatically.

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01:11:45,300 --> 01:11:51,460

The result would be that the fundamentalist orthodox belief systems of every organized

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01:11:51,460 --> 01:11:54,980

religion on Earth would collapse.

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01:11:55,020 --> 01:12:01,540

I mean that it would really bring in the question, the origins of the human race, the genesis

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01:12:01,540 --> 01:12:04,420

stories and a whole lot of other issues.

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01:12:04,420 --> 01:12:12,980

The very structures of government and the very structures of religion will crumble.

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01:12:12,980 --> 01:12:22,220

But in 2008, a stunning announcement was made from a very surprising source, proof to some

878

01:12:22,220 --> 01:12:27,340

that miracles, like aliens, do indeed exist.

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01:12:31,300 --> 01:12:34,580

The Vatican, Rome.

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01:12:34,580 --> 01:12:39,060

This walled enclave has been the center of power for the Catholic Church since the fifth

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01:12:39,060 --> 01:12:41,460

century.

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01:12:41,460 --> 01:12:47,580

It's not only the Pope's residence, but a place of homage for one billion Catholics

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01:12:47,580 --> 01:12:54,820

and represents nearly 2,000 years of Christian teaching and tradition.

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01:12:54,820 --> 01:13:08,260

But in 2008, the Vatican made an announcement that some say might threaten its own existence.

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01:13:08,260 --> 01:13:15,900

The chief astronomer of the Vatican Observatory, Father Gabriel Funes, acknowledged the possibility

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01:13:15,900 --> 01:13:20,100

alien life exists on other planets.

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01:13:20,100 --> 01:13:26,300

They basically said that belief in planetary life outside of Earth does not negate one's

888

01:13:26,300 --> 01:13:27,820

belief in God.

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01:13:27,820 --> 01:13:31,740

Now, 500 years ago, if the Vatican would have said that, they would have burned everybody

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01:13:31,740 --> 01:13:33,740

on the stake.

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01:13:35,740 --> 01:13:41,060

The present Pope Benedict, of course, has a very scientific bent, and he respects intellectual

892

01:13:41,060 --> 01:13:44,260

life in a way that is quite extraordinary.

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01:13:44,620 --> 01:13:48,980

He seemed quite open to entertain the idea, what if there is life in other planets?

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01:13:48,980 --> 01:13:52,820

It's certainly an interesting question for a Christian to approach scientifically and

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01:13:52,820 --> 01:14:03,260

challenges your belief of how much of this you attribute to God.

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01:14:03,260 --> 01:14:07,500

Many wondered about the Church's motives and timing.

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01:14:08,500 --> 01:14:15,460

Why, after centuries of belief in man as God's supreme creation and the only intelligent

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01:14:15,460 --> 01:14:21,540

life in the universe, did the Vatican make an announcement that could turn Christianity

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01:14:21,540 --> 01:14:23,380

on its head?

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01:14:23,380 --> 01:14:28,980

Did they know something the rest of us did not?

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01:14:28,980 --> 01:14:38,340

This is something that is completely new in the history of the Church, that the extraterrestrial

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01:14:38,340 --> 01:14:44,780

question is not only addressed, but at the same time, it's okay.

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01:14:44,780 --> 01:14:55,700

I mean, that is a major change in opinion, a major change in the status quo.

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01:14:55,700 --> 01:14:58,900

And I ask, why?

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01:14:59,820 --> 01:15:02,820

Why would it have huge ramifications?

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01:15:02,820 --> 01:15:04,820

Of course.

907

01:15:04,820 --> 01:15:06,820

Does it change anything?

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01:15:06,820 --> 01:15:08,820

Of course.

909

01:15:08,820 --> 01:15:12,820

But at the same time, would that change religion or belief in God?

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01:15:12,820 --> 01:15:14,820

Not really.

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01:15:14,820 --> 01:15:18,820

Some people say, well, Catholic Church must know something.

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01:15:18,820 --> 01:15:21,820

Maybe they're trying to get ahead of the game here.

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01:15:21,820 --> 01:15:27,820

On the other hand, it may just be that they're being very clever and simply trying to cover

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01:15:28,740 --> 01:15:35,740

all the bases in case there is some great announcement or discovery about alien life.

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01:15:35,740 --> 01:15:41,740

Because make no mistake about it, if it is announced that alien life has been discovered,

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01:15:41,740 --> 01:15:48,740

people are going to look to their religious leaders for some sort of guidance about this,

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01:15:48,740 --> 01:15:55,740

whether it's Christians, Jews, Muslims, Hindus.

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01:15:56,660 --> 01:16:03,660

If extraterrestrial life was found, then the Church would react, presumably, as it

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01:16:03,660 --> 01:16:08,660

does with any data, see what there is.

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01:16:10,660 --> 01:16:16,660

I don't think there would be any conflict in the way that we look on our humanity.

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01:16:16,660 --> 01:16:23,660

What we would find is that God creates intelligent life in a variety of ways.

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01:16:24,580 --> 01:16:31,580

And I think what we would learn from that is we can't restrict God to any one mode of

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01:16:31,580 --> 01:16:33,580

making intelligent life.

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01:16:33,580 --> 01:16:39,580

The idea that intelligent life exists elsewhere in the universe has been debated by religious

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01:16:39,580 --> 01:16:44,580

leaders, historians and scientists.

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01:16:44,580 --> 01:16:50,580

But not everyone agrees how its proof would affect human spirituality or the many religious

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01:16:50,580 --> 01:16:52,580

institutions.

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01:16:52,580 --> 01:16:57,580

What would happen to our interpretation of the book of Genesis?

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01:16:57,580 --> 01:17:02,580

Well, the book of Genesis looks at the universe from the point of view of Earth.

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01:17:02,580 --> 01:17:06,580

We look at the sun, we look at the moon, we look at the stars.

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01:17:06,580 --> 01:17:13,580

So, to realize that the Earth is just one small pale blue dot in this immense universe,

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01:17:14,580 --> 01:17:18,580

but I think it would only expand our interpretation of Genesis.

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01:17:18,580 --> 01:17:23,580

I don't think it would change it in any fundamental way.

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It's an interesting question for Christianity in general, since Christianity would teach

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that salvation comes through Jesus, who is apparently an earthling.

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What do you do if there are people on Mars?

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01:17:35,580 --> 01:17:38,580

Are they saved, according to our viewpoint?

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I don't know.

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Christians have always had this problem that if there are aliens out there, are they not

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01:17:46,580 --> 01:17:47,580

saved?

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01:17:47,580 --> 01:17:51,580

It's not a problem for Jews, certainly not a problem for Buddhists or Hindus.

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But Christians are in a particular fix for a very simple reason, that Christianity alone

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among the world's religions has an incarnation of what they mean by that is that God became

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incarnate in the form of Jesus Christ in order to be the Savior.

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When you talk to Christians, they sort of say, oh, well, there isn't a problem really

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because we have accommodated Galileo, we've accommodated Darwin, why can't we accommodate E.T.?

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Well, I think there's a big difference.

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I think science and religion have more in common than perhaps the popular perception suggests.

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On one hand, we have science, which deals with reason and fact.

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On the other hand, we have religion, which deals with faith.

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01:18:42,580 --> 01:18:49,580

Science is an evolving proposition, and what we know today will almost certainly be reformed

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01:18:49,580 --> 01:18:53,580

and maybe even replaced at some point in the future.

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01:18:53,580 --> 01:19:00,580

So to think that science somehow provides the truth in contrast to religion, I think is a mistake.

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01:19:00,580 --> 01:19:07,580

While scientists and religious leaders may still ponder the notion of aliens visiting Earth,

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01:19:07,580 --> 01:19:14,580

ancient astronaut theorists claim that the evidence exists in plain sight around the world.

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01:19:14,580 --> 01:19:21,580

But if this theory was accepted, would we have to change our beliefs about our knowledge,

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01:19:21,580 --> 01:19:26,580

our history, and the very beginnings of human civilization?

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01:19:27,580 --> 01:19:45,580

For thousands of years, humans have recorded events that seem to suggest otherworldly beings came down from the skies to visit Earth.

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These ancient visitations represent the foundations of those who believe Earth was visited in the past by advanced beings from other planets.

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These sightings are also said to explain many mysteries surrounding our past.

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The most important was religion. The gods have descended to our ancestors time.

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Now it enters into the holy books, into mythology.

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01:20:12,580 --> 01:20:19,580

Now later, people try, reasoned people, try to understand this, they make out religions of it.

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01:20:19,580 --> 01:20:25,580

But the core is extraterrestrials have come here. That was the beginning of all the big religions.

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01:20:28,580 --> 01:20:34,580

There are two main components why we are who we are today as a species.

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01:20:34,580 --> 01:20:41,580

One, someone tampered with our genetic makeup, and two, technology.

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01:20:41,580 --> 01:20:52,580

Because all of a sudden, we were doing and building things that we would still have difficulties recreating today.

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01:20:53,580 --> 01:21:09,580

And the ancient texts are very clear that many of our achievements in the past happened due to a direct intervention of extraterrestrials that arrived from the skies.

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Ancient astronaut theorists also cite as evidence the amazing similarities between isolated cultures all over the planet.

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01:21:21,580 --> 01:21:28,580

Why did different civilizations build immense megalithic structures to honor other worldly beings?

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Why do so many ancient texts seem to reference men flying in the sky?

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And why do the ancient Egyptians, Hopi Indians, and the Dogon tribe of North Africa all believe their ancestors came from what we know as the constellation Sirius?

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01:21:49,580 --> 01:22:06,580

If the extraterrestrials wanted to leave behind a message of where they came from, then it would serve them very well to build those structures with a reference to their location of origin.

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So if we have connections to the Sirius star system, well, it would lend us to believe that here we have a reference of where they might come from.

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The question of extraterrestrial life is as old as civilization itself.

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Ancient astronaut theorists, as well as many noted scientists, point to the immense size of the universe and concede that other beings must exist somewhere else besides Earth.

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But the question remains, did aliens visit us in the past? And is it happening again?

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01:22:52,580 --> 01:23:00,580

The way we look at history is very fragile. Any discovery which is made somewhere can change the way we look at bone history.

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01:23:00,580 --> 01:23:10,580

I think if we were to identify that an alien presence has been here on Earth in the past, I think there are two very important questions.

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Did it just come by and visit and then disappear? Or did it actually come, stay and contribute to civilization?

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I think the second one is far more important because it shows as far more it actually rewrites mankind's identity rather than just whether or not some extraterrestrial being came here on a holiday and then left without really leaving something behind.

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In all of the ancient texts, there is one thing that is very clear and that is that these gods one day will return.

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But short of an alien spacecraft landing on the White House lawn, ancient astronaut theorists know there will always be skeptics.

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01:24:02,580 --> 01:24:08,580

People are always looking for an ultimate proof of the existence of extraterrestrial intelligent beings.

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01:24:08,580 --> 01:24:22,580

But I think a more useful and honest question is how much and what kind of evidence would be enough

for you to believe that they're out there, that they've been visiting us.

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01:24:23,580 --> 01:24:35,580

I believe through the experiences that shamans have been documenting and reporting for tens of thousands of years that we are in contact with entities and beings that are not of this Earth.

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Precisely what those entities and beings are remains to be established.

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There is evidence that indicates that it's possible that humans were visited by extraterrestrials in the distant past.

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01:24:49,580 --> 01:25:01,580

And if we are too quick to discard that possibility, then we might be shutting ourselves out from something that might be really fascinating and might take us to a next level that we can't even imagine.

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01:25:02,580 --> 01:25:14,580

It's very possible that those extraterrestrials who've allegedly been coming here for thousands of years, I mean they are us. They look like us.

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And in fact that's part again of the Bible in that the God or the gods created us in their image.

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I mean we are to be like them. We are to look like them. We are to have the technology they have. We're to go into space just like they did.

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I think there is life, simple life, bacterial life, microbial life on other planets. I think we're going to find that.

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01:25:48,580 --> 01:26:03,580

And who knows, maybe one day we'll find some other planet that's capable of sustaining life that has evolved people over a long period of time that are also looking up at the stars wondering, is there anybody else out there? Are we the only ones?

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We are a species of explorers, so ultimately we will come across some other type of intelligence and when that happens, if that society technologically speaking is primitive, we'll become ancient astronauts with that culture.

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Human history has become too much a matter of dogma, taught by professionals in ivory towers as though it's all fact. Actually much of human history is up for grabs. The further back you go, the more that the history that's taught in the schools and universities begins to look like some kind

of fairy story.

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We have logic, we have intuition, we have our senses and to limit ourselves through the scientific route is a mistake. We can send people on the moon, we can plan journeys to Mars, we can make cell phones, but we haven't explained the fundamental questions that we should be dealing with.

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01:27:12,580 --> 01:27:24,580

Where do we come from? What are we supposed to do here? And where are we going? We really have not come with the answers and we know no better than the ancients that we're trying to explain.

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Exploring the ancient astronaut theory is the ultimate quest to find out where did we come from, how did it all begin and most importantly who are we and the ancient astronaut theory has the capability of answering all those questions.

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you