

**FADE
TO
BLACK**

WITH JIMMY CHURCH



You Tube

OFFICIAL CHANNEL

1
00:00:42,240 --> 00:00:38,450

[Music]

2
00:00:44,910 --> 00:00:42,250

this hope radio for the masses headliner

3
00:00:46,680 --> 00:00:44,920

between July 8 1947

4
00:00:49,140 --> 00:00:46,690

here are the air force per person ops

5
00:00:51,720 --> 00:00:49,150

and applying their - found and there's

6
00:00:55,430 --> 00:00:51,730

now in the possession of the RA the game

7
00:00:58,259 --> 00:00:55,440

is rigged changed the game changer I

8
00:01:02,579 --> 00:00:58,269

occasionally think how quickly our

9
00:01:05,219 --> 00:01:02,589

differences worldwide would vanish if we

10
00:01:08,420 --> 00:01:05,229

were facing an alien threat from outside

11
00:01:13,720 --> 00:01:10,960

[Applause]

12
00:01:16,660 --> 00:01:13,730

this is fade to black with your host

13
00:01:19,840 --> 00:01:16,670

Jimmy Church on the game changer radio

14

00:01:23,710 --> 00:01:19,850

network and kgr a the global radio

15

00:01:28,850 --> 00:01:25,350

I need your help to get to the year

16

00:01:34,710 --> 00:01:32,550

[Music]

17

00:01:37,630 --> 00:01:34,720

you're listening to fade to black with

18

00:01:42,800 --> 00:01:37,640

Jimmy judge on the game changing Network

19

00:01:51,600 --> 00:01:42,810

[Music]

20

00:01:58,170 --> 00:01:54,640

the smoke radio

21

00:02:11,340 --> 00:02:05,280

masses yeah man today's Wednesday

22

00:02:11,350 --> 00:02:15,950

314 days into the new year

23

00:02:22,190 --> 00:02:19,490

one day's left we are live from a bunker

24

00:02:24,199 --> 00:02:22,200

somewhere in the middle of beautiful

25

00:02:25,580 --> 00:02:24,209

down

26
00:02:28,220 --> 00:02:25,590
and I would like to welcome everybody

27
00:02:30,400 --> 00:02:28,230
listening all around the world

28
00:02:31,740 --> 00:02:30,410
across the United States

29
00:02:36,170 --> 00:02:31,750
[Music]

30
00:02:40,550 --> 00:02:38,030
forth up and down east and west north

31
00:02:43,850 --> 00:02:40,560
and south far and near

32
00:02:46,160 --> 00:02:43,860
this is fade to black for kjc are the

33
00:02:48,120 --> 00:02:46,170
game-changer Network @kg are a the

34
00:02:50,400 --> 00:02:48,130
planet

35
00:02:52,860 --> 00:02:50,410
I am your host Jimmy Church what is

36
00:02:59,930 --> 00:02:52,870
crack and everybody how you doing

37
00:03:03,809 --> 00:02:59,940
[Music]

38
00:03:05,360 --> 00:03:03,819

oh man oh man

39

00:03:07,300 --> 00:03:05,370

there we go tonight

40

00:03:11,020 --> 00:03:07,310

[Music]

41

00:03:14,800 --> 00:03:11,030

very special guest Randall Carlson is

42

00:03:19,030 --> 00:03:14,810

here calling this show is that

43

00:03:20,890 --> 00:03:19,040

conversation there is nothing like

44

00:03:25,570 --> 00:03:20,900

sitting down with somebody like Randall

45

00:03:27,550 --> 00:03:25,580

Carlson and and engaging for two or

46

00:03:30,010 --> 00:03:27,560

three hours and that's what we're gonna

47

00:03:32,050 --> 00:03:30,020

do here tonight so much to discuss with

48

00:03:34,660 --> 00:03:32,060

them especially coming off of a great

49

00:03:37,059 --> 00:03:34,670

show that we did with ed Nightingale

50

00:03:40,810 --> 00:03:37,069

right and so we're gonna dovetail these

51
00:03:44,259 --> 00:03:40,820
two together and it is so important to

52
00:03:48,030 --> 00:03:44,269
figure out you know I'm gonna lay it out

53
00:03:53,880 --> 00:03:48,040
to you like this okay it's like this

54
00:03:58,059 --> 00:03:53,890
what is the purpose of being human of

55
00:04:02,650 --> 00:03:58,069
being alive if we are not able to ask

56
00:04:06,550 --> 00:04:02,660
questions about where we came from why

57
00:04:08,949 --> 00:04:06,560
are we here and where are we going that

58
00:04:11,080 --> 00:04:08,959
you know the three basic questions and

59
00:04:13,810 --> 00:04:11,090
you kind of acquit you know it's just

60
00:04:15,340 --> 00:04:13,820
like well you know why there are people

61
00:04:19,300 --> 00:04:15,350
out there that you don't you know why

62
00:04:24,250 --> 00:04:19,310
what what do you mean why you know there

63
00:04:26,350 --> 00:04:24,260

are when you do the research of maybe

64

00:04:29,920 --> 00:04:26,360

you're you know anthropologist right

65

00:04:34,300 --> 00:04:29,930

you're some kind of historian or you are

66

00:04:36,700 --> 00:04:34,310

an astronomer right and and you are

67

00:04:39,100 --> 00:04:36,710

looking at the Stars and you know

68

00:04:42,430 --> 00:04:39,110

looking at you know our future and our

69

00:04:45,850 --> 00:04:42,440

past through the Stars right or you're

70

00:04:48,159 --> 00:04:45,860

out digging in you know and looking at

71

00:04:51,190 --> 00:04:48,169

bones in our past or your geologist and

72

00:04:53,230 --> 00:04:51,200

you're these things aren't profitable

73

00:04:55,120 --> 00:04:53,240

you're not making money for some

74

00:04:58,120 --> 00:04:55,130

corporation there isn't products that

75

00:04:59,350 --> 00:04:58,130

you are selling you know and so there

76

00:05:00,790 --> 00:04:59,360

are those out there that would say you

77

00:05:05,140 --> 00:05:00,800

know why well you know what's the [h__h]

78

00:05:06,700 --> 00:05:05,150

wealthy if we can't ask these important

79

00:05:09,029 --> 00:05:06,710

questions and figure things out then

80

00:05:12,670 --> 00:05:09,039

what's the purpose of even being alive

81

00:05:17,050 --> 00:05:12,680

right what what is it it's like going

82

00:05:19,360 --> 00:05:17,060

back and looking at you know you go back

83

00:05:20,380 --> 00:05:19,370

to Picasso and he's painting and you're

84

00:05:25,180 --> 00:05:20,390

like dude one

85

00:05:27,510 --> 00:05:25,190

you know why why are you painting that

86

00:05:31,450 --> 00:05:27,520

why are you sculpting that why you D

87

00:05:34,240 --> 00:05:31,460

it's part of being human you know and

88

00:05:39,010 --> 00:05:34,250

who we are you know and and having

89

00:05:43,030 --> 00:05:39,020

Randall on to discuss these Victor no I

90

00:05:44,920 --> 00:05:43,040

want to know these answers you know and

91

00:05:46,930 --> 00:05:44,930

that's what I am going to do tonight I

92

00:05:50,560 --> 00:05:46,940

get to sit down with the great Randall

93

00:05:52,840 --> 00:05:50,570

Carlson and have a conversation it's an

94

00:05:55,900 --> 00:05:52,850

amazing thing to be able to do and

95

00:05:58,630 --> 00:05:55,910

that's part of being human we answer

96

00:06:01,360 --> 00:05:58,640

those questions we figure things out we

97

00:06:03,490 --> 00:06:01,370

ask those questions and take things a

98

00:06:05,080 --> 00:06:03,500

step further that's what we do and

99

00:06:06,640 --> 00:06:05,090

that's what fade to black is all about

100

00:06:08,920 --> 00:06:06,650

that's what this community is all about

101
00:06:11,470 --> 00:06:08,930
tomorrow night is another Fator night

102
00:06:13,870 --> 00:06:11,480
open lines all night long with the

103
00:06:17,110 --> 00:06:13,880
premiere of teresa generis tomorrow

104
00:06:18,970 --> 00:06:17,120
night spent my day I'm very excited

105
00:06:22,060 --> 00:06:18,980
about this spent my day today you can

106
00:06:27,240 --> 00:06:22,070
see my teacher right tascam like that

107
00:06:29,740 --> 00:06:27,250
reel-to-reel I spent my day today tascam

108
00:06:31,630 --> 00:06:29,750
sent us a bunch of a production gear

109
00:06:34,300 --> 00:06:31,640
here I mentioned it the other day spent

110
00:06:36,490 --> 00:06:34,310
my day getting that worked out which by

111
00:06:39,130 --> 00:06:36,500
the way it's not running it will be

112
00:06:41,260 --> 00:06:39,140
tomorrow you should see what they they

113
00:06:44,110 --> 00:06:41,270

have sent you know I mean look at look

114

00:06:45,910 --> 00:06:44,120

at this remote control look at that can

115

00:06:51,130 --> 00:06:45,920

I can I get this up in here for the

116

00:06:55,090 --> 00:06:51,140

camera look at that pretty nice huh it's

117

00:06:57,400 --> 00:06:55,100

not working well it's working I just so

118

00:07:00,310 --> 00:06:57,410

anyway that and getting Teresa's new

119

00:07:03,280 --> 00:07:00,320

studio set up and it was just a crazy

120

00:07:05,470 --> 00:07:03,290

day or honey you're just a crazy day and

121

00:07:08,350 --> 00:07:05,480

when you spent four or five six hours

122

00:07:10,150 --> 00:07:08,360

you know installing things and and

123

00:07:12,460 --> 00:07:10,160

hardware and software and cables and

124

00:07:14,650 --> 00:07:12,470

then and you know and I've got Theresa

125

00:07:18,160 --> 00:07:14,660

on the phone and getting her set up and

126

00:07:21,370 --> 00:07:18,170

she's she's a couple of states away and

127

00:07:22,840 --> 00:07:21,380

and meanwhile coming back and trying to

128

00:07:26,410 --> 00:07:22,850

work on the show and get all of this set

129

00:07:29,380 --> 00:07:26,420

up - it's just just a crazy frazzled day

130

00:07:32,590 --> 00:07:29,390

just a crazy day so anyway I didn't I

131

00:07:34,719 --> 00:07:32,600

didn't spend I spent literally five

132

00:07:36,809 --> 00:07:34,729

minutes today on social media

133

00:07:39,429 --> 00:07:36,819

five minutes in little two minute

134

00:07:42,369 --> 00:07:39,439

increments and I'm gonna talk about that

135

00:07:44,950 --> 00:07:42,379

in just a minute on stellar on stellar

136

00:07:47,649 --> 00:07:44,960

calm you know what to do go and follow

137

00:07:49,959 --> 00:07:47,659

like and subscribe to Twitter at you

138

00:07:51,939 --> 00:07:49,969

Church radio Facebook YouTube step out

139

00:07:56,760 --> 00:07:51,949

of line you get blocked that's what you

140

00:08:00,730 --> 00:08:00,129

just don't do negative people you think

141

00:08:04,179 --> 00:08:00,740

I do

142

00:08:07,719 --> 00:08:04,189

I really don't and the sandbox is

143

00:08:08,980 --> 00:08:07,729

hashtag F to be on Twitter and if you

144

00:08:09,820 --> 00:08:08,990

have any questions or comments during

145

00:08:14,739 --> 00:08:09,830

the show tonight

146

00:08:17,170 --> 00:08:14,749

hashtag F to be Q alright Jimmy check

147

00:08:20,529 --> 00:08:17,180

out this awesome remote control also it

148

00:08:25,980 --> 00:08:20,539

doesn't work I know right I mean look at

149

00:08:29,950 --> 00:08:25,990

this color screen soft buttons it's good

150

00:08:32,290 --> 00:08:29,960

look at that right hold on let me get

151

00:08:42,189 --> 00:08:32,300

this up look at that that's a remote

152

00:08:44,620 --> 00:08:42,199

control man doesn't work we'll tomorrow

153

00:08:46,420 --> 00:08:44,630

we'll tomorrow I promise and it's what

154

00:08:48,160 --> 00:08:46,430

it does I mean it's a very important

155

00:08:50,650 --> 00:08:48,170

piece of gear it's controlling something

156

00:08:52,769 --> 00:08:50,660

else down here in the rack I can you

157

00:08:55,059 --> 00:08:52,779

know that that was installed too as well

158

00:08:55,990 --> 00:08:55,069

everything's powered up it's all cabled

159

00:08:58,240 --> 00:08:56,000

up it's all there

160

00:08:59,889 --> 00:08:58,250

okay it'll be tomorrow and then I'll

161

00:09:02,980 --> 00:08:59,899

tell you what it's doing it's really

162

00:09:05,980 --> 00:09:02,990

really cool you can email Jimmy at Jimmy

163

00:09:09,040 --> 00:09:05,990

Church radio comm and I do want to thank

164

00:09:10,930 --> 00:09:09,050

tascam for the cool t-shirts and we'll

165

00:09:13,360 --> 00:09:10,940

be shooting videos and stuff for them

166

00:09:19,809 --> 00:09:13,370

with all of this new gear on and how it

167

00:09:22,870 --> 00:09:19,819

works alright alright don't forget to

168

00:09:25,960 --> 00:09:22,880

subscribe to our podcast it is just two

169

00:09:27,550 --> 00:09:25,970

dollars per month and click on the

170

00:09:29,470 --> 00:09:27,560

podcast banner over to Jimmy Church

171

00:09:31,569 --> 00:09:29,480

radio.com helps support the show alright

172

00:09:33,009 --> 00:09:31,579

also become a fader not in our

173

00:09:35,769 --> 00:09:33,019

membership section over at Jimmy

174

00:09:38,980 --> 00:09:35,779

Trivette radio comm you do what you want

175

00:09:41,379 --> 00:09:38,990

just go become a member and we will be

176

00:09:43,990 --> 00:09:41,389

launching the new website next month

177

00:09:45,230 --> 00:09:44,000

well it'll be December 31st we're gonna

178

00:09:48,139 --> 00:09:45,240

do it on January 4

179

00:09:51,350 --> 00:09:48,149

December 31st were gonna be partying

180

00:09:54,290 --> 00:09:51,360

that would be New Year's Eve but Tuesday

181

00:09:56,810 --> 00:09:54,300

I think New Year's Day is on a Tuesday

182

00:09:59,930 --> 00:09:56,820

this year so yeah don't look for a show

183

00:10:03,519 --> 00:09:59,940

from us on that Monday let's get this

184

00:10:09,170 --> 00:10:03,529

show crackin happy birthday to today

185

00:10:11,090 --> 00:10:09,180

Joni Mitchell Joni Mitchell today is 75

186

00:10:16,430 --> 00:10:11,100

years old our dead guy's birthday today

187

00:10:20,030 --> 00:10:16,440

dana plato 1964 to 1999 died at the age

188

00:10:25,910 --> 00:10:20,040

of 34 of course he was a teen star on

189

00:10:31,430 --> 00:10:25,920

TVs Diff'rent Strokes from 1978 to 1986

190

00:10:34,220 --> 00:10:31,440

and on May 7th 1999 the day before she

191

00:10:37,940 --> 00:10:34,230

died she appeared on the Howard Stern

192

00:10:41,150 --> 00:10:37,950

Show okay did an interview it was the

193

00:10:42,560 --> 00:10:41,160

next day driving back to California

194

00:10:46,430 --> 00:10:42,570

they're in their Winnebago

195

00:10:50,300 --> 00:10:46,440

now they pull over visit somebody family

196

00:10:52,310 --> 00:10:50,310

member and she went to lie down inside

197

00:10:55,760 --> 00:10:52,320

of that Winnebago take a nap and then

198

00:10:59,540 --> 00:10:55,770

she died of an overdose her death was

199

00:11:01,760 --> 00:10:59,550

eventually ruled a suicide crazy too

200

00:11:05,540 --> 00:11:01,770

because we all watched Diff'rent Strokes

201
00:11:08,710 --> 00:11:05,550
right we did we all watched it and she

202
00:11:11,990 --> 00:11:08,720
died and committed suicide on May 8th

203
00:11:17,060 --> 00:11:12,000
1999 happy birthday dana plato on the

204
00:11:19,370 --> 00:11:17,070
state in history OTD 1991 Magic Johnson

205
00:11:22,180 --> 00:11:19,380
stuns the world by announcing his sudden

206
00:11:25,910 --> 00:11:22,190
retirement for the Los Angeles Lakers

207
00:11:29,420 --> 00:11:25,920
after testing positive for HIV all right

208
00:11:31,550 --> 00:11:29,430
here's a fader fact for you it's a it's

209
00:11:34,370 --> 00:11:31,560
it's an easy one to figure out but it's

210
00:11:39,560 --> 00:11:34,380
kind of shocking - all right are you

211
00:11:43,610 --> 00:11:39,570
ready earth is the only planet that is

212
00:11:50,540 --> 00:11:43,620
not named after a god that's right

213
00:11:52,280 --> 00:11:50,550

that's your fader fact all right what

214

00:11:54,500 --> 00:11:52,290

what am i doing oh yeah Randall Carlson

215

00:11:56,329 --> 00:11:54,510

is here it's going to be here for the

216

00:11:58,280 --> 00:11:56,339

duration of the night we're going to do

217

00:12:01,220 --> 00:11:58,290

a full conversation about

218

00:12:03,730 --> 00:12:01,230

everything about us who we are where we

219

00:12:06,800 --> 00:12:03,740

came from who was here before us and

220

00:12:09,319 --> 00:12:06,810

where are we going all of that tonight

221

00:12:10,790 --> 00:12:09,329

with the one and only Randall Carlson I

222

00:12:12,590 --> 00:12:10,800

want to remind everybody tomorrow night

223

00:12:14,660 --> 00:12:12,600

is another Fator night open lines all

224

00:12:16,009 --> 00:12:14,670

night long with the premiere of Teresa

225

00:12:19,309 --> 00:12:16,019

and eros she's going to be here

226

00:12:23,829 --> 00:12:19,319

hopefully her studio her new one is

227

00:12:27,499 --> 00:12:23,839

going to be up and running all right now

228

00:12:38,629 --> 00:12:27,509

we're gonna have a conversation all of

229

00:12:41,329 --> 00:12:38,639

you love my River moon coffee I started

230

00:12:43,699 --> 00:12:41,339

to warm up everybody in the community a

231

00:12:49,819 --> 00:12:43,709

few months ago about the drama that was

232

00:12:55,850 --> 00:12:49,829

about to unfold and at the time I was

233

00:12:57,559 --> 00:12:55,860

vague and I understand that and at the

234

00:12:59,360 --> 00:12:57,569

time the comments that were coming in

235

00:13:01,100 --> 00:12:59,370

wall just about the same you know what's

236

00:13:02,449 --> 00:13:01,110

Jimmy on about what's Jimmy talking

237

00:13:04,370 --> 00:13:02,459

about I have no clue what he's talking

238

00:13:11,990 --> 00:13:04,380

about what's Jimmy talking about now get

239

00:13:15,559 --> 00:13:12,000

that well now you know sort of but I saw

240

00:13:18,290 --> 00:13:15,569

it all coming and I just wanted

241

00:13:23,780 --> 00:13:18,300

everybody to kind of brace themselves

242

00:13:31,220 --> 00:13:23,790

for the coming storm and and I didn't

243

00:13:34,129 --> 00:13:31,230

feel good about it okay there man this

244

00:13:41,809 --> 00:13:34,139

this was brewing now for a couple of

245

00:13:45,470 --> 00:13:41,819

years yep and when when I see something

246

00:13:50,960 --> 00:13:45,480

negative out there I don't care what it

247

00:13:56,509 --> 00:13:50,970

is believe it or not my reaction to

248

00:13:58,160 --> 00:13:56,519

negativity is block block it doesn't

249

00:14:00,499 --> 00:13:58,170

matter because I just don't want to read

250

00:14:07,250 --> 00:14:00,509

it I don't want to get involved I don't

251
00:14:11,840 --> 00:14:07,260
care I in my day from the moment that I

252
00:14:15,889 --> 00:14:11,850
wake up until I hit

253
00:14:19,160 --> 00:14:15,899
the read on air light for this show I am

254
00:14:21,259 --> 00:14:19,170
working I'm working I'm writing I'm

255
00:14:23,449 --> 00:14:21,269
researching I'm booking guests I'm

256
00:14:24,949 --> 00:14:23,459
talking to guess I'm advancing the show

257
00:14:28,999 --> 00:14:24,959
I'm working on the audio I'm working on

258
00:14:31,370 --> 00:14:29,009
production artwork in things and audio

259
00:14:34,009 --> 00:14:31,380
files are moving around and maintenance

260
00:14:37,189 --> 00:14:34,019
I'm the studio and you know what I also

261
00:14:38,900 --> 00:14:37,199
have a life out there you know and I've

262
00:14:42,590 --> 00:14:38,910
got to deal with all of that and my dogs

263
00:14:44,030 --> 00:14:42,600

and and then things right and my family

264

00:14:47,170 --> 00:14:44,040

and my daughters and my beautiful wife

265

00:14:50,480 --> 00:14:47,180

all of that applies to my day and

266

00:14:53,870 --> 00:14:50,490

anything out there that takes me off of

267

00:14:58,519 --> 00:14:53,880

point takes me off a message I don't

268

00:15:00,889 --> 00:14:58,529

care I don't care I block I'm not

269

00:15:07,400 --> 00:15:00,899

distracted that's what I do

270

00:15:11,720 --> 00:15:07,410

okay and so all of this was building up

271

00:15:15,019 --> 00:15:11,730

all of this was building and I saw it I

272

00:15:22,009 --> 00:15:15,029

saw it coming in you know and I met it

273

00:15:25,639 --> 00:15:22,019

and and because of that and Here I am

274

00:15:28,370 --> 00:15:25,649

today now talking to you with the entire

275

00:15:30,949 --> 00:15:28,380

nation right now freaking out we've just

276

00:15:32,720 --> 00:15:30,959

finished the elections yesterday and all

277

00:15:34,370 --> 00:15:32,730

of the emotional things that are going

278

00:15:36,920 --> 00:15:34,380

on in this country is divided and it's

279

00:15:41,120 --> 00:15:36,930

craziness and Jeff Sessions got fired

280

00:15:42,650 --> 00:15:41,130

today resigned you know and so we get

281

00:15:44,780 --> 00:15:42,660

through the elections and we come into

282

00:15:46,759 --> 00:15:44,790

today and hopefully it's a fresh start

283

00:15:49,730 --> 00:15:46,769

for everybody whatever side you are on

284

00:15:53,030 --> 00:15:49,740

red blue middle green I don't care right

285

00:15:56,629 --> 00:15:53,040

all of that all of that is going on the

286

00:15:59,420 --> 00:15:56,639

craziness in the world and country

287

00:16:01,970 --> 00:15:59,430

everything is nuts right now right so

288

00:16:05,150 --> 00:16:01,980

all of these emotions are flying the

289

00:16:08,509 --> 00:16:05,160

timing couldn't be better for our family

290

00:16:12,470 --> 00:16:08,519

here to react and lose it over a bunch

291

00:16:15,740 --> 00:16:12,480

of nothing seriously and if you really

292

00:16:23,329 --> 00:16:15,750

think about it if you really think about

293

00:16:25,110 --> 00:16:23,339

it what is all of this about UFOs alien

294

00:16:30,220 --> 00:16:25,120

contact

295

00:16:37,600 --> 00:16:30,230

disclosure really we want to blow this

296

00:16:42,160 --> 00:16:37,610

thing up over that it's crazy there are

297

00:16:45,340 --> 00:16:42,170

individuals right now right now that

298

00:16:47,500 --> 00:16:45,350

want to be the district attorney they

299

00:16:50,380 --> 00:16:47,510

want to be the police they want to be

300

00:16:51,520 --> 00:16:50,390

the judges of our community and it

301

00:16:54,580 --> 00:16:51,530

doesn't work that way

302

00:16:56,920 --> 00:16:54,590

and I'm talking about from any side I'm

303

00:17:01,360 --> 00:16:56,930

not naming any names I'm talking about

304

00:17:05,020 --> 00:17:01,370

pick a side and somebody out there is

305

00:17:09,430 --> 00:17:05,030

trying to tell you or somebody else how

306

00:17:10,960 --> 00:17:09,440

it is they want to run things and I'm

307

00:17:14,110 --> 00:17:10,970

telling you right now

308

00:17:20,440 --> 00:17:14,120

it doesn't matter who you are you know

309

00:17:25,000 --> 00:17:20,450

exactly what I am saying every side this

310

00:17:28,660 --> 00:17:25,010

community can police itself it always

311

00:17:33,250 --> 00:17:28,670

has and it always will don't think that

312

00:17:35,560 --> 00:17:33,260

you are the Lord and Commander that you

313

00:17:39,520 --> 00:17:35,570

can go and do whatever you want and

314

00:17:42,160 --> 00:17:39,530

point fingers you know but I'm talking

315

00:17:45,430 --> 00:17:42,170

about all sides here the blame the anger

316

00:17:48,220 --> 00:17:45,440

that finger-pointing it's gone on for so

317

00:17:50,170 --> 00:17:48,230

long from so many different sources on

318

00:17:53,050 --> 00:17:50,180

all sides I'm talking about from

319

00:17:58,260 --> 00:17:53,060

companies from individuals from

320

00:18:05,170 --> 00:17:58,270

researchers from authors abductees

321

00:18:08,650 --> 00:18:05,180

experimenter it is nuts to me it's gone

322

00:18:11,980 --> 00:18:08,660

back a couple of years and if you've

323

00:18:17,440 --> 00:18:11,990

been blocked by me well there you go

324

00:18:23,140 --> 00:18:17,450

right it doesn't matter but listen to me

325

00:18:29,060 --> 00:18:23,150

I am calling right now right now for

326

00:18:35,400 --> 00:18:29,070

this community to chill chill

327

00:18:39,150 --> 00:18:35,410

I'm asking for a truce it has now gotten

328

00:18:41,940 --> 00:18:39,160

to the point where the flames the anger

329

00:18:43,770 --> 00:18:41,950

and everything else ever get bit getting

330

00:18:44,660 --> 00:18:43,780

pushed into a corner and it doesn't

331

00:18:50,850 --> 00:18:44,670

matter

332

00:18:54,300 --> 00:18:50,860

the victims are and and who is playing

333

00:18:58,440 --> 00:18:54,310

the games because it's on both sides

334

00:19:01,940 --> 00:18:58,450

it's on every side so I am asking right

335

00:19:06,510 --> 00:19:01,950

now a truce

336

00:19:11,460 --> 00:19:06,520

if you've been doxed truce if you are

337

00:19:15,870 --> 00:19:11,470

daxing truce if you are angry truce if

338

00:19:18,320 --> 00:19:15,880

you don't believe somebody truce if

339

00:19:24,690 --> 00:19:18,330

you're somebody that has been blamed

340

00:19:27,530 --> 00:19:24,700

truce you want to react time out that's

341

00:19:29,790 --> 00:19:27,540

it and I know I know that right now

342

00:19:33,440 --> 00:19:29,800

everybody that I am talking about is

343

00:19:40,920 --> 00:19:33,450

listening to me so I am asking you

344

00:19:45,140 --> 00:19:40,930

stop stop stop tweeting stop texting

345

00:19:56,370 --> 00:19:45,150

stop posting stop commenting stop and

346

00:19:59,550 --> 00:19:56,380

just stop stop it's time for a truce the

347

00:20:01,590 --> 00:19:59,560

prize here the price you know what I'm

348

00:20:04,650 --> 00:20:01,600

concerned about you know what I care

349

00:20:07,500 --> 00:20:04,660

about I care about are we being visited

350

00:20:10,620 --> 00:20:07,510

right now by et what does the government

351
00:20:12,960 --> 00:20:10,630
know what's going on in the skies what's

352
00:20:15,750 --> 00:20:12,970
going on with Egypt what's going on with

353
00:20:17,970 --> 00:20:15,760
ancient civilizations you know what's

354
00:20:20,880 --> 00:20:17,980
going on with time travel and parallel

355
00:20:22,890 --> 00:20:20,890
universes the these big conspiracies

356
00:20:25,800 --> 00:20:22,900
going on it that's what I care about

357
00:20:29,330 --> 00:20:25,810
that's the prize that's what we need to

358
00:20:33,530 --> 00:20:29,340
be focused on that's it

359
00:20:37,050 --> 00:20:33,540
you know and to think that there are

360
00:20:39,150 --> 00:20:37,060
victims right now people that are been

361
00:20:41,740 --> 00:20:39,160
attacked from all sides to it it doesn't

362
00:20:45,210 --> 00:20:41,750
matter that are

363
00:20:48,220 --> 00:20:45,220

lying in bed at night freaked out

364

00:20:51,850 --> 00:20:48,230

because of personal attacks and they you

365

00:20:55,240 --> 00:20:51,860

know you know what that's wrong you just

366

00:20:58,240 --> 00:20:55,250

don't do it there are people that that

367

00:21:01,690 --> 00:20:58,250

are that are being attacked that I'm not

368

00:21:04,000 --> 00:21:01,700

fans of I don't even know I don't

369

00:21:04,900 --> 00:21:04,010

concern myself with but they don't

370

00:21:08,080 --> 00:21:04,910

deserve it

371

00:21:12,370 --> 00:21:08,090

I may not you know approve or whatever

372

00:21:15,310 --> 00:21:12,380

but we don't do this there are people

373

00:21:17,680 --> 00:21:15,320

right now that are doing these attacks

374

00:21:19,300 --> 00:21:17,690

out of vengeance or reacting you know oh

375

00:21:22,570 --> 00:21:19,310

they attacked me I'm going to attack

376

00:21:25,900 --> 00:21:22,580

back stop it it's time for a truce there

377

00:21:28,780 --> 00:21:25,910

are people right now that are lying in

378

00:21:31,120 --> 00:21:28,790

bed in the dark with their eyes open

379

00:21:34,480 --> 00:21:31,130

looking at the ceiling going man I can't

380

00:21:38,920 --> 00:21:34,490

wait to just get up tomorrow and do

381

00:21:44,310 --> 00:21:38,930

something you know what over UFOs over a

382

00:21:47,340 --> 00:21:44,320

Lea are you kidding me I'm done with it

383

00:21:50,080 --> 00:21:47,350

I'm done

384

00:21:52,240 --> 00:21:50,090

doxxing is wrong attacking is wrong

385

00:21:54,970 --> 00:21:52,250

personal attacks are wrong you know what

386

00:21:58,300 --> 00:21:54,980

is right trying to figure out what is

387

00:22:00,250 --> 00:21:58,310

going on in the skies up there what is

388

00:22:03,310 --> 00:22:00,260

going on that is what you need to focus

389

00:22:05,440 --> 00:22:03,320

your energy on not reacting not freaking

390

00:22:08,770 --> 00:22:05,450

out I don't want people losing sleep

391

00:22:11,770 --> 00:22:08,780

wondering about how somebody is going to

392

00:22:16,780 --> 00:22:11,780

attack them on Facebook or on Twitter or

393

00:22:20,200 --> 00:22:16,790

or an email or on a website on a YouTube

394

00:22:21,010 --> 00:22:20,210

video comment thread thing that is just

395

00:22:23,440 --> 00:22:21,020

wrong

396

00:22:25,690 --> 00:22:23,450

and that's not what this community is

397

00:22:27,450 --> 00:22:25,700

about and quite frankly I'm tired and I

398

00:22:35,950 --> 00:22:27,460

saw it coming

399

00:22:39,450 --> 00:22:35,960

and I just tried to warn everybody how

400

00:22:42,610 --> 00:22:39,460

is it that I have to sit here on a

401
00:22:45,160 --> 00:22:42,620
beautiful show like tonight and speak

402
00:22:48,160 --> 00:22:45,170
about this and its really now it's

403
00:22:52,420 --> 00:22:48,170
gotten to be that big of a deal so today

404
00:22:55,220 --> 00:22:52,430
I am running around I am talking with

405
00:22:57,380 --> 00:22:55,230
technicians at companies I

406
00:22:59,090 --> 00:22:57,390
when I say running around I'm missing a

407
00:23:00,680 --> 00:22:59,100
cable I'm out I'm on the phone I'm

408
00:23:02,600 --> 00:23:00,690
trying to figure things out I'm I'm

409
00:23:05,360 --> 00:23:02,610
coming back I'm bolting in on this I'm

410
00:23:08,000 --> 00:23:05,370
software and I'm changing file names and

411
00:23:10,670 --> 00:23:08,010
downloading and just craziness here and

412
00:23:13,760 --> 00:23:10,680
I just spin around in the middle of the

413
00:23:15,740 --> 00:23:13,770

day and I look and I just happen to

414

00:23:21,080 --> 00:23:15,750

glance at Twitter and I'm watching

415

00:23:28,730 --> 00:23:21,090

what's going on it's just like man are

416

00:23:33,230 --> 00:23:28,740

we too are we you know 2 years old so

417

00:23:37,160 --> 00:23:33,240

yes I'm asking for a truce I

418

00:23:41,630 --> 00:23:37,170

we need a timeout everybody take a deep

419

00:23:45,470 --> 00:23:41,640

breath it's been building for a couple

420

00:23:48,620 --> 00:23:45,480

of years and in the end those out there

421

00:23:51,350 --> 00:23:48,630

on any side that have been nitpicking

422

00:23:53,450 --> 00:23:51,360

and poking and just just thumbing each

423

00:23:55,040 --> 00:23:53,460

other in the chest and what did you

424

00:23:57,680 --> 00:23:55,050

think the end result was gonna be and

425

00:24:00,340 --> 00:23:57,690

now everybody's upset right well now

426

00:24:04,460 --> 00:24:00,350

it's come down to what we are doxxing

427

00:24:07,610 --> 00:24:04,470

are you kidding me this community we are

428

00:24:09,710 --> 00:24:07,620

supposed to be you know fourth

429

00:24:13,970 --> 00:24:09,720

dimensional fifth dimensional six

430

00:24:16,280 --> 00:24:13,980

invention of beings of of benevolence of

431

00:24:17,930 --> 00:24:16,290

kindness of being awakened and

432

00:24:19,970 --> 00:24:17,940

consciousness and moving into the future

433

00:24:22,700 --> 00:24:19,980

and concerned about this planet and Gaia

434

00:24:26,150 --> 00:24:22,710

and earth and things and pets and look

435

00:24:28,940 --> 00:24:26,160

if that's what we are about and if you

436

00:24:32,570 --> 00:24:28,950

are taking out your time to attack

437

00:24:33,590 --> 00:24:32,580

others or or reacting and attack back

438

00:24:35,690 --> 00:24:33,600

and you think you're doing the right

439

00:24:36,350 --> 00:24:35,700

thing you are losing the respect of this

440

00:24:39,290 --> 00:24:36,360

community

441

00:24:41,270 --> 00:24:39,300

nobody is going to respect you and I

442

00:24:46,400 --> 00:24:41,280

don't care who you are because I'm

443

00:24:50,930 --> 00:24:46,410

speaking to everybody done with it I'm

444

00:24:53,000 --> 00:24:50,940

done so listen to me listen post

445

00:24:56,060 --> 00:24:53,010

something negative on Twitter you're

446

00:24:58,940 --> 00:24:56,070

blocked post something negative on

447

00:25:01,850 --> 00:24:58,950

Facebook I don't care you're blocked Oh

448

00:25:03,080 --> 00:25:01,860

Jimmy block me man I'm on the blood list

449

00:25:07,670 --> 00:25:03,090

well good for you

450

00:25:10,940 --> 00:25:07,680

cuz I don't care i don't i don't care

451

00:25:14,540 --> 00:25:10,950

I'm encouraged if that's what if that's

452

00:25:17,330 --> 00:25:14,550

what it takes you know that all of the

453

00:25:23,000 --> 00:25:17,340

negativity this community will block you

454

00:25:25,400 --> 00:25:23,010

into insignificance it's really true so

455

00:25:27,620 --> 00:25:25,410

it's time for everybody to grow up put

456

00:25:30,560 --> 00:25:27,630

on your big-boy pants your big-girl

457

00:25:35,480 --> 00:25:30,570

pants tighten your shoelaces it's time

458

00:25:38,840 --> 00:25:35,490

for a truce bite your lip and and live

459

00:25:41,780 --> 00:25:38,850

with it we need to move on there is

460

00:25:43,850 --> 00:25:41,790

other stuff to worry about like having

461

00:25:47,090 --> 00:25:43,860

this beautiful show tonight with Randall

462

00:25:49,430 --> 00:25:47,100

and and I've got to sit here leading up

463

00:25:52,090 --> 00:25:49,440

to this by the way let me tell you

464

00:25:54,650 --> 00:25:52,100

something I just spent six hours today

465

00:25:57,650 --> 00:25:54,660

frustrated and putting gear into this

466

00:26:00,080 --> 00:25:57,660

studio my nerves are already frazzled

467

00:26:03,170 --> 00:26:00,090

and I've got two moments before the show

468

00:26:07,580 --> 00:26:03,180

come back on and I am reading this stuff

469

00:26:09,680 --> 00:26:07,590

and I'm simply wait a minute here you

470

00:26:12,650 --> 00:26:09,690

know and I know I know some of these

471

00:26:16,190 --> 00:26:12,660

people personally and I know how cool

472

00:26:19,130 --> 00:26:16,200

they are I know how may be unstable it

473

00:26:21,380 --> 00:26:19,140

we're all emotional you know we're all

474

00:26:25,070 --> 00:26:21,390

emotional beings and what brings us into

475

00:26:27,020 --> 00:26:25,080

this community are things that that not

476

00:26:30,320 --> 00:26:27,030

only are emotional but you know what

477

00:26:33,620 --> 00:26:30,330

they're fragile and we start to go and

478

00:26:36,110 --> 00:26:33,630

and mess with those things that are we

479

00:26:37,070 --> 00:26:36,120

whole precious and dear it's easy to

480

00:26:39,860 --> 00:26:37,080

come unhinged

481

00:26:41,750 --> 00:26:39,870

and people know that and they're poking

482

00:26:45,380 --> 00:26:41,760

at this community and it's just you know

483

00:26:48,260 --> 00:26:45,390

we got to stop we have got to stop and

484

00:26:51,110 --> 00:26:48,270

that's my message that's what this show

485

00:26:55,030 --> 00:26:51,120

has always been about and it's community

486

00:26:59,120 --> 00:26:55,040

first so that's it that's my message

487

00:27:03,350 --> 00:26:59,130

truce truce and from this moment forward

488

00:27:07,370 --> 00:27:03,360

I'm not playing listen to me from this

489

00:27:10,880 --> 00:27:07,380

moment forward any negativity people are

490

00:27:13,630 --> 00:27:10,890

going to recognize it because you're

491

00:27:17,120 --> 00:27:13,640

part of the problem now you can change

492

00:27:18,560 --> 00:27:17,130

right now just go you know what okay

493

00:27:21,950 --> 00:27:18,570

enough is enough

494

00:27:25,289 --> 00:27:21,960

all right let's give it a shot

495

00:27:28,440 --> 00:27:25,299

let's give it a shot let's just let's

496

00:27:31,830 --> 00:27:28,450

just all get along time out

497

00:27:36,289 --> 00:27:31,840

sometimes you got a retreat and you got

498

00:27:43,580 --> 00:27:42,840

all this over UFOs really really think

499

00:27:45,810 --> 00:27:43,590

about that

500

00:27:49,560 --> 00:27:45,820

it's fade to black I'm your host Jimmy

501
00:27:52,950 --> 00:27:49,570
Church yeah you can email me Jimmy at

502
00:27:55,489 --> 00:27:52,960
Jimmy Church radio.com all right there

503
00:27:57,720 --> 00:27:55,499
you go I won't even read it on the air

504
00:27:59,369 --> 00:27:57,730
let's get out of here I want to have

505
00:28:03,299 --> 00:27:59,379
some fun I want to talk to Randall

506
00:28:05,239 --> 00:28:03,309
Carlson watch me change my tune I'm

507
00:28:10,289 --> 00:28:05,249
gonna go through this commercial break

508
00:28:11,249 --> 00:28:10,299
I'm gonna come back bright-eyed and

509
00:28:14,759 --> 00:28:11,259
bushy-tailed

510
00:28:17,190 --> 00:28:14,769
it's all good all right time out

511
00:28:19,980 --> 00:28:17,200
we're moving on it's fade to black i'm

512
00:28:21,659 --> 00:28:19,990
your host jimmy church email those to me

513
00:28:27,619 --> 00:28:21,669

at Jimmy Turks radio.com follow me on

514

00:28:31,259 --> 00:28:27,629

twitter @ JT radio yeah a block yet a

515

00:28:32,270 --> 00:28:31,269

block yeah I'll be right back after this

516

00:28:49,090 --> 00:28:32,280

short break stay with us

517

00:28:49,100 --> 00:28:56,010

[Music]

518

00:29:00,580 --> 00:28:58,510

this is Nicole Church daughter of

519

00:29:02,560 --> 00:29:00,590

you-know-who and you're listening to

520

00:29:07,780 --> 00:29:02,570

fade to black on Jimmy Church radio.com

521

00:29:13,030 --> 00:29:07,790

and the GameChanger network you're

522

00:29:20,520 --> 00:29:16,560

[Music]

523

00:29:30,070 --> 00:29:27,790

are a radio when you take the beams from

524

00:29:32,650 --> 00:29:30,080

Central America with dashes of

525

00:29:35,020 --> 00:29:32,660

Indonesian and African mixed in and then

526

00:29:37,870 --> 00:29:35,030

roast it to the dark side of fade to

527

00:29:41,050 --> 00:29:37,880

black you create the ultimate brew of

528

00:29:44,800 --> 00:29:41,060

Fringe introducing the fade to black

529

00:29:47,410 --> 00:29:44,810

blend from River moon coffee yes River

530

00:29:50,410 --> 00:29:47,420

moons darkest customized roast was

531

00:29:53,410 --> 00:29:50,420

created for the love of fade to black

532

00:29:56,080 --> 00:29:53,420

the alchemy of masterful roasting and

533

00:29:59,650 --> 00:29:56,090

smoking the beans is in every sip of

534

00:30:02,650 --> 00:29:59,660

this full-bodied dark Java I need my

535

00:30:04,990 --> 00:30:02,660

coffee dog deep with distinct

536

00:30:07,690 --> 00:30:05,000

bittersweet chocolate highlights just

537

00:30:10,120 --> 00:30:07,700

like the bunker leaning further into the

538

00:30:13,420 --> 00:30:10,130

darkness of the roast is fade to black

539

00:30:15,070 --> 00:30:13,430

blend from river moon coffee just click

540

00:30:18,370 --> 00:30:15,080

on the banner at Jimmy Church radio.com

541

00:30:23,700 --> 00:30:18,380

and use the promo code F to B blend for

542

00:30:25,960 --> 00:30:23,710

15% off of your order today gobekli tepe

543

00:30:29,470 --> 00:30:25,970

this is Jimmy Church of fade to black

544

00:30:31,780 --> 00:30:29,480

and you can get our podcast for just \$2

545

00:30:34,300 --> 00:30:31,790

per month all you have to do is click on

546

00:30:38,200 --> 00:30:34,310

the podcast banner over at Jimmy Church

547

00:30:40,690 --> 00:30:38,210

radio.com times are changing the circus

548

00:30:42,610 --> 00:30:40,700

of politics Healthcare's low standards

549

00:30:45,580 --> 00:30:42,620

and high prices and let's not forget

550

00:30:48,700 --> 00:30:45,590

food quality what to do arm yourself

551
00:30:51,400 --> 00:30:48,710
with life change th get the t-dot-com in

552
00:30:53,980 --> 00:30:51,410
a world of chemical imbalance and pour

553
00:30:57,760 --> 00:30:53,990
air and water quality it's time you make

554
00:31:00,310 --> 00:30:57,770
a move log on to get the t.com and stock

555
00:31:02,800 --> 00:31:00,320
up on organic non-gmo supplements don't

556
00:31:05,290 --> 00:31:02,810
forget the tea cleansing your body never

557
00:31:07,810 --> 00:31:05,300
felt so good and we have a brand new tea

558
00:31:09,149 --> 00:31:07,820
called takedown tea which helps support

559
00:31:11,909 --> 00:31:09,159
healthy glucose

560
00:31:12,989 --> 00:31:11,919
all natural body support so you can be

561
00:31:15,930 --> 00:31:12,999
at your best

562
00:31:19,680 --> 00:31:15,940
naturally all you have to do is log on

563
00:31:22,379 --> 00:31:19,690

to get to t.com that's get the t.com

564

00:31:25,409 --> 00:31:22,389

we're not a fad that comes and goes we

565

00:31:29,549 --> 00:31:25,419

are the real deal join us in armor up

566

00:31:31,409 --> 00:31:29,559

get the t.com that's get the t.com

567

00:31:34,680 --> 00:31:31,419

changing america's health

568

00:31:41,159 --> 00:31:34,690

one tea bag at a time 9 out of 10

569

00:31:45,570 --> 00:31:41,169

geneticists agreed failed you Blatt is

570

00:31:46,710 --> 00:31:45,580

not your father's radio show on the

571

00:31:51,830 --> 00:31:46,720

GameChanger

572

00:31:53,250 --> 00:31:51,840

Radio Network and kgr a the planet

573

00:31:55,680 --> 00:31:53,260

[Music]

574

00:31:58,350 --> 00:31:55,690

do you want to lose weight but have no

575

00:32:00,480 --> 00:31:58,360

idea where to begin the fast start diet

576
00:32:01,049 --> 00:32:00,490
a three-day weight loss plan is the

577
00:32:03,390 --> 00:32:01,059
answer

578
00:32:05,730 --> 00:32:03,400
three days of nutritionally balanced

579
00:32:08,640 --> 00:32:05,740
calorie restricted meals delivered right

580
00:32:11,220 --> 00:32:08,650
to your door no shopping no measuring

581
00:32:13,770 --> 00:32:11,230
and no cooking everything is prepared

582
00:32:16,380 --> 00:32:13,780
for you and ready to eat at home or on

583
00:32:18,240 --> 00:32:16,390
the go the fast start diet has all the

584
00:32:21,150 --> 00:32:18,250
amazing benefits of intermittent fasting

585
00:32:22,860 --> 00:32:21,160
without starving we've helped thousands

586
00:32:24,060 --> 00:32:22,870
of people who have struggled to reach

587
00:32:26,580 --> 00:32:24,070
their weight-loss goals

588
00:32:28,740 --> 00:32:26,590

isn't it time we helped you with the

589

00:32:31,799 --> 00:32:28,750

fast start diet you'll lose weight and

590

00:32:34,230 --> 00:32:31,809

feel great fine fast start diet on

591

00:32:36,990 --> 00:32:34,240

Amazon or go too fast start diet calm

592

00:32:39,230 --> 00:32:37,000

and use promo code talk to get 10% off

593

00:32:41,789 --> 00:32:39,240

your first box and as a special bonus

594

00:32:44,580 --> 00:32:41,799

fast start will include their number one

595

00:32:46,860 --> 00:32:44,590

rated lipo 3 appetite suppressant spray

596

00:32:49,200 --> 00:32:46,870

free with your order this is Jimmy

597

00:33:09,580 --> 00:32:49,210

church and whatever your diet plans are

598

00:33:09,590 --> 00:33:20,539

[Music]

599

00:33:25,009 --> 00:33:22,639

all right welcome back fade to black I'm

600

00:33:27,199 --> 00:33:25,019

hosting the church tonight Randall

601
00:33:28,999 --> 00:33:27,209
Carlson is here tomorrow night Bay

602
00:33:31,729 --> 00:33:29,009
tonight open lines all night long

603
00:33:33,229 --> 00:33:31,739
premiere of Teresa generis she's gonna

604
00:33:35,329 --> 00:33:33,239
be here dividing frequency on the

605
00:33:36,699 --> 00:33:35,339
airwaves premiering tomorrow night very

606
00:33:39,349 --> 00:33:36,709
excited about that

607
00:33:41,029 --> 00:33:39,359
and I was just watching in Twitter okay

608
00:33:45,919 --> 00:33:41,039
Jimmy you want a truce you got to

609
00:33:51,560 --> 00:33:45,929
unblock everybody you know I've got 4500

610
00:33:55,980 --> 00:33:51,570
people blocked in Twitter I'm not

611
00:33:58,380 --> 00:33:55,990
kidding I just checked all right

612
00:33:59,220 --> 00:33:58,390
yeah I'll take a look at that I'll

613
00:34:02,370 --> 00:33:59,230

consider it

614

00:34:04,920 --> 00:34:02,380

okay I will I will I will look I

615

00:34:07,590 --> 00:34:04,930

practice what I preach all right but now

616

00:34:11,159 --> 00:34:07,600

it's about Randall he's a master builder

617

00:34:14,300 --> 00:34:11,169

architectural designer teacher and the

618

00:34:18,360 --> 00:34:14,310

thing is about Randall he's a renegade

619

00:34:20,220 --> 00:34:18,370

he's been for decades of study research

620

00:34:21,780 --> 00:34:20,230

and exploration into the interface

621

00:34:24,450 --> 00:34:21,790

between the ancient mysteries and modern

622

00:34:27,180 --> 00:34:24,460

science has been an active Freemason for

623

00:34:28,950 --> 00:34:27,190

thirty years and it is a past master one

624

00:34:31,470 --> 00:34:28,960

of the oldest and largest Masonic lodges

625

00:34:33,149 --> 00:34:31,480

in Georgia he has been recognized by the

626
00:34:35,159 --> 00:34:33,159
National Science Teachers Association

627
00:34:37,470 --> 00:34:35,169
for his commitment to science education

628
00:34:39,389 --> 00:34:37,480
for young people his work incorporates

629
00:34:41,850 --> 00:34:39,399
ancient mythology astronomy earth

630
00:34:44,700 --> 00:34:41,860
science paleontology symbolism sacred

631
00:34:46,980 --> 00:34:44,710
geometry and architecture geomancy and

632
00:34:49,500 --> 00:34:46,990
other arcane and scientific traditions

633
00:34:52,159 --> 00:34:49,510
for over 25 years he has presented

634
00:34:54,090 --> 00:34:52,169
classes lectures and multimedia programs

635
00:34:57,120 --> 00:34:54,100
synthesizing this information for

636
00:34:59,340 --> 00:34:57,130
students of the mysteries tonight we're

637
00:35:01,020 --> 00:34:59,350
gonna go back we're gonna go way back

638
00:35:03,780 --> 00:35:01,030

into the history of North America the

639

00:35:05,460 --> 00:35:03,790

true history before Columbus or anyone

640

00:35:07,620 --> 00:35:05,470

else who say that they may have

641

00:35:10,170 --> 00:35:07,630

discovered America and the evidence of

642

00:35:12,420 --> 00:35:10,180

other civilizations that may have

643

00:35:14,430 --> 00:35:12,430

started here and spread around the world

644

00:35:15,810 --> 00:35:14,440

and then we're gonna look to the future

645

00:35:17,810 --> 00:35:15,820

we're gonna do it all tonight

646

00:35:20,280 --> 00:35:17,820

that's why I'm calling it the

647

00:35:22,950 --> 00:35:20,290

conversation his web site is sacred

648

00:35:24,660 --> 00:35:22,960

geometry international comm and I would

649

00:35:27,720 --> 00:35:24,670

like to welcome back to fade to black a

650

00:35:30,750 --> 00:35:27,730

man of sense and sensibilities and the

651
00:35:33,450 --> 00:35:30,760
nice beard Randall Carlson Randall good

652
00:35:35,100 --> 00:35:33,460
evening my friend how are you well

653
00:35:37,490 --> 00:35:35,110
thanks for having me back Jimmy I'm

654
00:35:40,320 --> 00:35:37,500
actually doing pretty well other than a

655
00:35:42,240 --> 00:35:40,330
strained hamstring from over exercising

656
00:35:45,630 --> 00:35:42,250
this morning other than that I'm doing

657
00:35:47,580 --> 00:35:45,640
well can I can I throw you under the bus

658
00:35:50,850 --> 00:35:47,590
a little bit and tell everybody about

659
00:35:52,260 --> 00:35:50,860
our brief conversation before the show

660
00:36:01,680 --> 00:35:52,270
tonight because it was it was pretty

661
00:36:04,280 --> 00:36:01,690
cool it's funny so hopefully it's not

662
00:36:08,330 --> 00:36:04,290
anything embarrassing right

663
00:36:09,980 --> 00:36:08,340

it's-it's yeah exactly for both of us in

664

00:36:13,430 --> 00:36:09,990

that I'm just gonna let everybody know

665

00:36:15,020 --> 00:36:13,440

so Randall Randall calls me we always

666

00:36:17,390 --> 00:36:15,030

talked before the show and he calls me

667

00:36:20,300 --> 00:36:17,400

and he was like Jimmy I'm depending on

668

00:36:22,880 --> 00:36:20,310

you tonight I need you to brighten my

669

00:36:24,380 --> 00:36:22,890

day I need to get relaxed I want I need

670

00:36:26,990 --> 00:36:24,390

you to pull it all out I was like

671

00:36:29,990 --> 00:36:27,000

Randall I need you for the same things

672

00:36:32,330 --> 00:36:30,000

I'm completely stressed and it was just

673

00:36:34,190 --> 00:36:32,340

so funny how we brought both looking

674

00:36:37,010 --> 00:36:34,200

forward to the show and getting psyched

675

00:36:39,380 --> 00:36:37,020

up and pumped up and we we needed each

676

00:36:41,570 --> 00:36:39,390

other for the same exact reasons so here

677

00:36:46,010 --> 00:36:41,580

we are Randall you're brightening my day

678

00:36:48,110 --> 00:36:46,020

thank you for that well thank you Jimmy

679

00:36:50,690 --> 00:36:48,120

I'm trying to do whatever I can I know

680

00:36:52,640 --> 00:36:50,700

that you need all the little boost you

681

00:36:56,180 --> 00:36:52,650

can get in your day-to-day routine and

682

00:37:00,380 --> 00:36:56,190

so if I can help in that matter okay I'm

683

00:37:02,090 --> 00:37:00,390

all for it no bad wait give me till I

684

00:37:05,060 --> 00:37:02,100

get you out in the field for a few days

685

00:37:08,660 --> 00:37:05,070

I know you know I'm so looking forward

686

00:37:11,510 --> 00:37:08,670

to that opportunity where we can just go

687

00:37:15,230 --> 00:37:11,520

and and disconnect you know leave our

688

00:37:17,360 --> 00:37:15,240

cell phones away from us and just go and

689

00:37:21,350 --> 00:37:17,370

check out this great country of ours and

690

00:37:22,640 --> 00:37:21,360

and oh man yeah yeah I look forward to

691

00:37:26,270 --> 00:37:22,650

that Randall and thank you for the

692

00:37:29,120 --> 00:37:26,280

invitation you know it we have our paths

693

00:37:32,060 --> 00:37:29,130

have been so close to crossing over the

694

00:37:33,620 --> 00:37:32,070

last few years and we have missed those

695

00:37:34,010 --> 00:37:33,630

opportunities we're talking about that

696

00:37:36,620 --> 00:37:34,020

tonight

697

00:37:39,590 --> 00:37:36,630

you know we narrowly missed each other a

698

00:37:41,810 --> 00:37:39,600

couple of years ago and and I just can't

699

00:37:44,830 --> 00:37:41,820

believe that we let that slip by us but

700

00:37:49,880 --> 00:37:44,840

we can't let it happen again all right I

701
00:37:52,460 --> 00:37:49,890
agree now I actually want to start here

702
00:37:55,900 --> 00:37:52,470
tonight let's kind of relax and let's go

703
00:37:58,970 --> 00:37:55,910
back a couple of steps your

704
00:38:02,090 --> 00:37:58,980
presentations and your web presence and

705
00:38:04,190 --> 00:38:02,100
your conversations especially over the

706
00:38:08,200 --> 00:38:04,200
last few years have had a lot of impact

707
00:38:12,470 --> 00:38:08,210
on myself personally and this community

708
00:38:15,560 --> 00:38:12,480
what what started this interest for you

709
00:38:17,120 --> 00:38:15,570
I mean going back when you and I'm

710
00:38:20,210 --> 00:38:17,130
talking about the interest

711
00:38:22,999 --> 00:38:20,220
not only cataclysms and world events but

712
00:38:26,720 --> 00:38:23,009
past civilizations and and in the

713
00:38:29,390 --> 00:38:26,730

distant distant past what what advantage

714

00:38:33,559 --> 00:38:29,400

do we have to learning these things why

715

00:38:35,210 --> 00:38:33,569

go and do it why the commitment oh well

716

00:38:38,779 --> 00:38:35,220

lucky that was actually several

717

00:38:41,210 --> 00:38:38,789

questions let's tackle the last one

718

00:38:43,339 --> 00:38:41,220

first which was basically why do it I

719

00:38:46,400 --> 00:38:43,349

mean the question becomes why do

720

00:38:49,549 --> 00:38:46,410

anything to perpetuate our continued

721

00:38:52,039 --> 00:38:49,559

existence we do things every day to make

722

00:38:54,920 --> 00:38:52,049

sure that we optimize our chances of

723

00:38:56,930 --> 00:38:54,930

surviving through the day right when we

724

00:38:58,519 --> 00:38:56,940

get in our car and we strap ourselves in

725

00:39:01,089 --> 00:38:58,529

with our seatbelts when we're going to

726

00:39:04,519 --> 00:39:01,099

cross the street and we look both ways

727

00:39:07,819 --> 00:39:04,529

you know the idea is that whatever the

728

00:39:10,729 --> 00:39:07,829

purpose and value of life I think it's

729

00:39:14,839 --> 00:39:10,739

our job here to attempt to sustain that

730

00:39:16,220 --> 00:39:14,849

life and so I guess you'd say that what

731

00:39:20,120 --> 00:39:16,230

I'm looking at is the long-term

732

00:39:22,789 --> 00:39:20,130

sustainability of human civilization on

733

00:39:24,970 --> 00:39:22,799

earth because up to this point we

734

00:39:29,059 --> 00:39:24,980

haven't had a really good track record

735

00:39:31,190 --> 00:39:29,069

because what we see is the leftovers of

736

00:39:34,130 --> 00:39:31,200

multiple civilizations that rose from

737

00:39:35,660 --> 00:39:34,140

the dust thrived for a while prospered

738

00:39:38,420 --> 00:39:35,670

for a while and then for whatever reason

739

00:39:40,789 --> 00:39:38,430

went down and there's a lot of lessons

740

00:39:44,599 --> 00:39:40,799

there that we have to learn about again

741

00:39:46,759 --> 00:39:44,609

long-term sustainability and I guess

742

00:39:49,640 --> 00:39:46,769

that's kind of what I'm trying to do is

743

00:39:52,130 --> 00:39:49,650

to get more people to shift their

744

00:39:54,499 --> 00:39:52,140

perspective a little bit to take in the

745

00:39:57,829 --> 00:39:54,509

big picture rather than just the

746

00:39:59,599 --> 00:39:57,839

day-to-day events the the trivia of day

747

00:40:01,999 --> 00:39:59,609

to day that occupies so much of our time

748

00:40:04,999 --> 00:40:02,009

and so much of our attention so much of

749

00:40:06,470 --> 00:40:05,009

our consciousness is important and we

750

00:40:08,930 --> 00:40:06,480

have to deal with that but it's the same

751
00:40:09,920 --> 00:40:08,940
time if we ignore the big picture we're

752
00:40:12,470 --> 00:40:09,930
going to be in trouble

753
00:40:14,660 --> 00:40:12,480
and I would like to think that there is

754
00:40:17,359 --> 00:40:14,670
a that there is a long-term game plan

755
00:40:20,420 --> 00:40:17,369
that we can be successful on this planet

756
00:40:23,269 --> 00:40:20,430
that we can be prosperous that we can

757
00:40:26,839 --> 00:40:23,279
continue to improve as a species to get

758
00:40:30,079 --> 00:40:26,849
more intelligent and wiser and I think

759
00:40:30,589 --> 00:40:30,089
that turning to our past and the lessons

760
00:40:32,299 --> 00:40:30,599
and the like

761
00:40:34,489 --> 00:40:32,309
you see of our ancestors that have come

762
00:40:36,700 --> 00:40:34,499
before us is going to be absolutely

763
00:40:40,609 --> 00:40:36,710

vital in attaining that kind of

764

00:40:44,150 --> 00:40:40,619

absolutely necessary perspective and so

765

00:40:45,559 --> 00:40:44,160

what kicked it off then and and and so

766

00:40:46,849 --> 00:40:45,569

that's the back end right that's the

767

00:40:49,130 --> 00:40:46,859

last question first

768

00:40:50,569 --> 00:40:49,140

what happened Randall said there was

769

00:40:55,370 --> 00:40:50,579

something in your life where you just

770

00:40:58,190 --> 00:40:55,380

went okay I need to do this I mean well

771

00:41:00,739 --> 00:40:58,200

I get asked that question and I keep

772

00:41:02,839 --> 00:41:00,749

going back trying to pinpoint okay I it

773

00:41:05,359 --> 00:41:02,849

was that thing it was that event it was

774

00:41:07,009 --> 00:41:05,369

that day and really Jimmy I think I got

775

00:41:12,109 --> 00:41:07,019

to go right back and say I've been

776

00:41:15,529 --> 00:41:12,119

cursed since the day I was born I had I

777

00:41:18,049 --> 00:41:15,539

had no alternative I just said I came

778

00:41:21,410 --> 00:41:18,059

into this world like going what the holy

779

00:41:24,849 --> 00:41:21,420

[h__h] man I need to figure this out so I

780

00:41:28,190 --> 00:41:24,859

can recall being seven years old walking

781

00:41:30,410 --> 00:41:28,200

distance Oda and back in those days a

782

00:41:32,950 --> 00:41:30,420

seven-year-old could walk you know a

783

00:41:35,420 --> 00:41:32,960

quarter mile over to a neighbor's house

784

00:41:38,349 --> 00:41:35,430

the wolves had been cleared out about

785

00:41:40,670 --> 00:41:38,359

that time in the Coyotes and the the

786

00:41:42,859 --> 00:41:40,680

bobcats and so on so there wasn't too

787

00:41:45,109 --> 00:41:42,869

much fear so I was walking over to a

788

00:41:46,609 --> 00:41:45,119

neighbor's house and visited a friend

789

00:41:50,690 --> 00:41:46,619

and then I was walking back and they had

790

00:41:52,190 --> 00:41:50,700

a big willow tree on the hill that they

791

00:41:54,920 --> 00:41:52,200

lived on and I just remember stopping

792

00:41:56,120 --> 00:41:54,930

under that willow tree and having I

793

00:41:58,219 --> 00:41:56,130

guess what you would say my first

794

00:42:01,940 --> 00:41:58,229

mystical experience in life were

795

00:42:05,719 --> 00:42:01,950

everything just seemed to converge into

796

00:42:07,039 --> 00:42:05,729

a grand synthesis and for about ten

797

00:42:09,769 --> 00:42:07,049

minutes I stood there under that tree

798

00:42:11,900 --> 00:42:09,779

feeling like it was totally at one with

799

00:42:14,150 --> 00:42:11,910

everything and then the feeling went

800

00:42:16,430 --> 00:42:14,160

away and I went home and resumed my life

801
00:42:19,160 --> 00:42:16,440
but I'll never forget that that might be

802
00:42:21,410 --> 00:42:19,170
the earliest time I can remember that

803
00:42:23,259 --> 00:42:21,420
there was a sense of something grander

804
00:42:25,339 --> 00:42:23,269
or something great or something to

805
00:42:28,249 --> 00:42:25,349
transcended that the day-to-day the

806
00:42:29,870 --> 00:42:28,259
mundane routine of our existence and

807
00:42:33,769 --> 00:42:29,880
then I can go on and there were

808
00:42:36,410 --> 00:42:33,779
different points you know experiences I

809
00:42:39,229 --> 00:42:36,420
had probably more than anything I

810
00:42:42,499 --> 00:42:39,239
believe it was probably growing up in a

811
00:42:43,880 --> 00:42:42,509
rural environment and I had because of

812
00:42:46,549 --> 00:42:43,890
the fact that my parents got

813
00:42:49,309 --> 00:42:46,559

horst when I was 9 years old I grew up

814

00:42:52,190 --> 00:42:49,319

back and forth between the world of my

815

00:42:55,279 --> 00:42:52,200

mother which was Louisiana and the world

816

00:42:57,829 --> 00:42:55,289

of my father which was Minnesota so I

817

00:43:01,220 --> 00:42:57,839

had rural Minnesota and I had rural

818

00:43:05,000 --> 00:43:01,230

small town backwoods Louisiana

819

00:43:06,710 --> 00:43:05,010

experiences so I think between those and

820

00:43:09,529 --> 00:43:06,720

traveling up and down the Mississippi

821

00:43:12,259 --> 00:43:09,539

River typically on a daily base daily a

822

00:43:15,500 --> 00:43:12,269

yearly basis when I go to visit one or

823

00:43:19,190 --> 00:43:15,510

the other parent just you know these

824

00:43:21,740 --> 00:43:19,200

things just kind of accumulate there was

825

00:43:24,440 --> 00:43:21,750

also a place that I used to go with my

826

00:43:27,470 --> 00:43:24,450

grandparents up on the st. Croix River

827

00:43:29,900 --> 00:43:27,480

which forms the border between part of

828

00:43:33,109 --> 00:43:29,910

Minnesota and part of Wisconsin and it's

829

00:43:35,240 --> 00:43:33,119

a beautiful River Valley it's now a sort

830

00:43:36,740 --> 00:43:35,250

of like a nature preserve but there's a

831

00:43:39,289 --> 00:43:36,750

section in there with our basalt

832

00:43:41,240 --> 00:43:39,299

outcrops and on one of these basalt

833

00:43:43,700 --> 00:43:41,250

outcrops on the Minnesota side of the

834

00:43:46,430 --> 00:43:43,710

river there's a series of these gigantic

835

00:43:49,609 --> 00:43:46,440

potholes that have been drilled up to 80

836

00:43:52,309 --> 00:43:49,619

feet into the bedrock some mark 25 feet

837

00:43:54,559 --> 00:43:52,319

in diameter and we used to go there is

838

00:43:57,620 --> 00:43:54,569

when I was a kid and it's a park and you

839

00:44:00,109 --> 00:43:57,630

go in there and and I just remember

840

00:44:02,990 --> 00:44:00,119

being there probably eight nine years

841

00:44:06,769 --> 00:44:03,000

old seeing these big potholes and

842

00:44:08,870 --> 00:44:06,779

wondering what what's the story here I

843

00:44:11,269 --> 00:44:08,880

mean how do you get how do you get an

844

00:44:13,370 --> 00:44:11,279

80-foot pothole drilled into bedrock

845

00:44:15,440 --> 00:44:13,380

right that's an interesting question and

846

00:44:17,359 --> 00:44:15,450

it's a question that I now know the

847

00:44:19,849 --> 00:44:17,369

answer to but and didn't know the answer

848

00:44:22,130 --> 00:44:19,859

to for four decades after that but it

849

00:44:25,130 --> 00:44:22,140

was those kinds of things that were kind

850

00:44:27,200 --> 00:44:25,140

of gestate in the back of my mind you

851
00:44:29,329 --> 00:44:27,210
know we grew up on the lake and that

852
00:44:31,579 --> 00:44:29,339
lake was a cattle lake which is a type

853
00:44:34,069 --> 00:44:31,589
of Lake that's left over after the

854
00:44:37,099 --> 00:44:34,079
retreat of the great ice sheets this was

855
00:44:40,370 --> 00:44:37,109
in Minnesota obviously not Louisiana and

856
00:44:42,680 --> 00:44:40,380
so living on this lake you know and

857
00:44:45,339 --> 00:44:42,690
being surrounded by a landscape that had

858
00:44:47,630 --> 00:44:45,349
been totally sculpted by the the

859
00:44:50,749 --> 00:44:47,640
presence of these great glaciers and

860
00:44:53,690 --> 00:44:50,759
their retreat it somehow made an

861
00:44:55,849 --> 00:44:53,700
impression on me that just I came away

862
00:44:57,459 --> 00:44:55,859
with this sort of intuitive sense by the

863
00:45:01,099 --> 00:44:57,469

time I was probably

864

00:45:03,859 --> 00:45:01,109

adolescent age that there was meaning in

865

00:45:06,680 --> 00:45:03,869

that landscape there was a story or a

866

00:45:08,209 --> 00:45:06,690

narrative in the landscape and of course

867

00:45:10,160 --> 00:45:08,219

it wasn't really probably until two

868

00:45:12,380 --> 00:45:10,170

decades later that I really began to

869

00:45:14,930 --> 00:45:12,390

understand that yeah there literally is

870

00:45:17,239 --> 00:45:14,940

you know the the landscape of the whole

871

00:45:20,630 --> 00:45:17,249

planet in fact has been shaped by these

872

00:45:23,870 --> 00:45:20,640

great events in some places more

873

00:45:26,239 --> 00:45:23,880

spectacularly than others and of course

874

00:45:28,759 --> 00:45:26,249

you know the late 60s came along and I

875

00:45:31,729 --> 00:45:28,769

was you know right of prime age during

876

00:45:36,289 --> 00:45:31,739

all of that late 60s and early 70s and

877

00:45:38,120 --> 00:45:36,299

that led me to Oh living in a state

878

00:45:40,430 --> 00:45:38,130

living in a lean-to up in the Rocky

879

00:45:42,609 --> 00:45:40,440

Mountains at 11,000 feet for three

880

00:45:44,779 --> 00:45:42,619

months and just sitting up there

881

00:45:46,069 --> 00:45:44,789

contemplating the nature of the

882

00:45:49,969 --> 00:45:46,079

Continental Divide

883

00:45:53,180 --> 00:45:49,979

and trying to understand really what

884

00:45:55,699 --> 00:45:53,190

process has led to this situation in

885

00:45:57,440 --> 00:45:55,709

which I find myself sitting on this you

886

00:46:00,829 --> 00:45:57,450

know on this Ridge on these mountains

887

00:46:02,420 --> 00:46:00,839

you know basically right up in central

888

00:46:06,380 --> 00:46:02,430

Colorado right on the Continental Divide

889

00:46:09,890 --> 00:46:06,390

and and I came away from that I think

890

00:46:11,989 --> 00:46:09,900

just really curious about yeah again the

891

00:46:14,630 --> 00:46:11,999

sense that there was some kind of story

892

00:46:17,420 --> 00:46:14,640

within the landscape waiting to unfold

893

00:46:19,519 --> 00:46:17,430

and so it was this kind of a thing that

894

00:46:22,609 --> 00:46:19,529

has sort of been in the back of my

895

00:46:24,380 --> 00:46:22,619

consciousness ever since you know my

896

00:46:26,689 --> 00:46:24,390

teenage years but it wasn't till I would

897

00:46:29,089 --> 00:46:26,699

say I was probably in my late 20s that I

898

00:46:32,749 --> 00:46:29,099

really began to go okay I'm going to

899

00:46:34,699 --> 00:46:32,759

study the sciences and try to gain

900

00:46:38,569 --> 00:46:34,709

access to the knowledge I need to make

901
00:46:41,180 --> 00:46:38,579
sense of this this intimation I have

902
00:46:42,880 --> 00:46:41,190
that there is this story in the

903
00:46:48,079 --> 00:46:42,890
landscape that has not yet been

904
00:46:49,910 --> 00:46:48,089
deciphered so I began more formal

905
00:46:52,729 --> 00:46:49,920
studies enrolled in college and major in

906
00:46:56,089 --> 00:46:52,739
geology took a lot of astronomy and math

907
00:46:59,930 --> 00:46:56,099
and history courses so that I could

908
00:47:02,329 --> 00:46:59,940
begin to see that you know I think what

909
00:47:04,670 --> 00:47:02,339
came out was of that was the realization

910
00:47:07,069 --> 00:47:04,680
that the terrestrial realm and the

911
00:47:09,589 --> 00:47:07,079
celestial realm that there was not a

912
00:47:11,089 --> 00:47:09,599
clear division between them that that

913
00:47:14,239 --> 00:47:11,099

the celestial realm had a much

914

00:47:17,269 --> 00:47:14,249

bigger role to play in the shaping of

915

00:47:19,190 --> 00:47:17,279

the world here below and that sort of

916

00:47:21,440 --> 00:47:19,200

has been confirmed you know by the last

917

00:47:24,259 --> 00:47:21,450

30 years of research as we realize the

918

00:47:26,809 --> 00:47:24,269

multiple ways that the earth and and the

919

00:47:28,489 --> 00:47:26,819

cosmos interact with each other but this

920

00:47:30,979 --> 00:47:28,499

was something that that our ancestors

921

00:47:32,599 --> 00:47:30,989

were well aware of and they encoded that

922

00:47:35,239 --> 00:47:32,609

in to their mythology into their

923

00:47:38,660 --> 00:47:35,249

architecture into their symbology into

924

00:47:41,029 --> 00:47:38,670

their art and so the other aspect of

925

00:47:44,509 --> 00:47:41,039

this was you know early on getting a

926

00:47:47,539 --> 00:47:44,519

love of mythology starting with Greek

927

00:47:49,670 --> 00:47:47,549

and Scandinavian mythology

928

00:47:53,660 --> 00:47:49,680

I was just thoroughly entranced by the

929

00:47:56,120 --> 00:47:53,670

stories from the mythical records and

930

00:47:58,729 --> 00:47:56,130

mythical archives the story of Ragnarok

931

00:48:01,400 --> 00:47:58,739

and and the the battle of the gods and

932

00:48:03,469 --> 00:48:01,410

the Giants just really affected me when

933

00:48:05,329 --> 00:48:03,479

I was 9 and 10 years old is this when I

934

00:48:07,249 --> 00:48:05,339

first learned how to read this was some

935

00:48:09,920 --> 00:48:07,259

of the stuff that I got really absorbed

936

00:48:13,009 --> 00:48:09,930

in later on I came to realize that

937

00:48:16,940 --> 00:48:13,019

underneath all that mythic imagery was

938

00:48:19,729 --> 00:48:16,950

actual real world phenomena and that had

939

00:48:22,039 --> 00:48:19,739

been encoded into the symbology the

940

00:48:24,589 --> 00:48:22,049

archetypal symbology of the myths that

941

00:48:27,769 --> 00:48:24,599

have come down to us from many venues

942

00:48:31,249 --> 00:48:27,779

all over the world so I can't really put

943

00:48:33,349 --> 00:48:31,259

my finger on any specific point where it

944

00:48:35,209 --> 00:48:33,359

all gelled I will say that I've said

945

00:48:38,359 --> 00:48:35,219

this before there was one day I actually

946

00:48:40,700 --> 00:48:38,369

can pinpoint when it was the summer

947

00:48:43,969 --> 00:48:40,710

early summer 1969 and it was a very

948

00:48:47,209 --> 00:48:43,979

beautiful day and there was a place

949

00:48:49,339 --> 00:48:47,219

called Flying Cloud Airport south east

950

00:48:51,279 --> 00:48:49,349

of Minneapolis and it was on bluffs

951
00:48:54,079 --> 00:48:51,289
overlooking the Minnesota River Valley

952
00:48:56,599 --> 00:48:54,089
and there was a concert out there one

953
00:48:58,190 --> 00:48:56,609
Saturday or Sunday free days have free

954
00:49:00,799 --> 00:48:58,200
concerts out there and I would go out

955
00:49:02,269 --> 00:49:00,809
there and and enjoy the music and one

956
00:49:06,259 --> 00:49:02,279
day I guess it was a break in the music

957
00:49:08,150 --> 00:49:06,269
I wandered away from the from the area

958
00:49:09,799 --> 00:49:08,160
where the the audience was gathered and

959
00:49:12,999 --> 00:49:09,809
I wandered probably two three four

960
00:49:15,799 --> 00:49:13,009
hundred yards over to this to the

961
00:49:17,809 --> 00:49:15,809
perimeter of these Bluffs that look down

962
00:49:19,959 --> 00:49:17,819
over the Minnesota River Valley and I

963
00:49:22,279 --> 00:49:19,969

remember standing there for a long time

964

00:49:23,809 --> 00:49:22,289

during this break into music just

965

00:49:24,540 --> 00:49:23,819

looking out over the valley and this is

966

00:49:26,880 --> 00:49:24,550

what I

967

00:49:29,100 --> 00:49:26,890

on the far side of the valley which I

968

00:49:31,620 --> 00:49:29,110

now know was about four miles distant I

969

00:49:33,630 --> 00:49:31,630

saw set of Bluffs that were sort of the

970

00:49:35,670 --> 00:49:33,640

matching set of Bluffs that I was

971

00:49:38,100 --> 00:49:35,680

standing on right I'm looking to the

972

00:49:41,220 --> 00:49:38,110

south because here the river is running

973

00:49:45,060 --> 00:49:41,230

east to west down below I see the little

974

00:49:49,410 --> 00:49:45,070

the ribbon of the modern Minnesota River

975

00:49:51,420 --> 00:49:49,420

and it's minuscule obviously compared to

976

00:49:54,390 --> 00:49:51,430

this big channel it's four miles wide

977

00:49:55,860 --> 00:49:54,400

yet it had the same appearance I could

978

00:49:58,920 --> 00:49:55,870

see that there were Bluffs on either

979

00:50:00,420 --> 00:49:58,930

side of the Minnesota River which is you

980

00:50:02,100 --> 00:50:00,430

know not a little river it's it's a

981

00:50:04,980 --> 00:50:02,110

medium-sized river it's a it's got a

982

00:50:07,200 --> 00:50:04,990

healthy flow but I remember seeing that

983

00:50:11,660 --> 00:50:07,210

and getting this sense that I was

984

00:50:14,490 --> 00:50:11,670

looking at a bigger a giant version of

985

00:50:16,560 --> 00:50:14,500

what I was seeing in terms of the the

986

00:50:18,330 --> 00:50:16,570

river below when I was looking at the

987

00:50:20,550 --> 00:50:18,340

banks and seeing those banks how they

988

00:50:23,760 --> 00:50:20,560

correspond into these two bluffs and I

989

00:50:28,080 --> 00:50:23,770

thought is it possible that this is a

990

00:50:29,490 --> 00:50:28,090

giant river valley and that was just

991

00:50:32,220 --> 00:50:29,500

again one of those things stuck in the

992

00:50:34,860 --> 00:50:32,230

back of my craw well right but 10 years

993

00:50:37,980 --> 00:50:34,870

11 years later I had started studying

994

00:50:39,930 --> 00:50:37,990

geometry I've been because as a builder

995

00:50:42,990 --> 00:50:39,940

I got very interested in geometry and

996

00:50:45,360 --> 00:50:43,000

architecture and how other cultures and

997

00:50:48,660 --> 00:50:45,370

ancient peoples how they build things

998

00:50:50,520 --> 00:50:48,670

how they design things so as I was

999

00:50:54,630 --> 00:50:50,530

getting into all of that I kept running

1000

00:50:57,660 --> 00:50:54,640

across this same patterns of symbology

1001
00:51:00,480 --> 00:50:57,670
and and meaning encoded in ancient

1002
00:51:02,820 --> 00:51:00,490
structures all over the world and one of

1003
00:51:05,040 --> 00:51:02,830
the things that I that I realized as I

1004
00:51:07,470 --> 00:51:05,050
began to study the methodology behind

1005
00:51:10,320 --> 00:51:07,480
the building of the Gothic cathedrals

1006
00:51:12,210 --> 00:51:10,330
the building and the Mayan structures

1007
00:51:15,000 --> 00:51:12,220
and how they laid out their cities and

1008
00:51:17,970 --> 00:51:15,010
their temples the Greek temples the

1009
00:51:20,220 --> 00:51:17,980
systems of geometry they used was that

1010
00:51:23,070 --> 00:51:20,230
there was this there is a principle

1011
00:51:26,190 --> 00:51:23,080
called scale invariance now what that

1012
00:51:28,470 --> 00:51:26,200
means is in architecture it means that

1013
00:51:31,080 --> 00:51:28,480

the part reflects the whole that there's

1014

00:51:32,700 --> 00:51:31,090

a proportional constant between the

1015

00:51:34,920 --> 00:51:32,710

piece of the thing and the whole of the

1016

00:51:37,319 --> 00:51:34,930

thing right and this this is the basis

1017

00:51:41,430 --> 00:51:37,329

of harmony in architecture and art

1018

00:51:43,079 --> 00:51:41,440

this-this-this method of linking the

1019

00:51:45,660 --> 00:51:43,089

hole with the part because there's this

1020

00:51:47,309 --> 00:51:45,670

constant of proportionality there what

1021

00:51:51,390 --> 00:51:47,319

that means is that if you took the part

1022

00:51:53,670 --> 00:51:51,400

and you enlarge it you blew it up if it

1023

00:51:55,739 --> 00:51:53,680

read it could duplicate the pattern or

1024

00:51:58,319 --> 00:51:55,749

the geometry or the proportions of the

1025

00:52:00,630 --> 00:51:58,329

hole right this is scale invariance so

1026
00:52:03,329 --> 00:52:00,640
that no matter what scale you're looking

1027
00:52:06,239 --> 00:52:03,339
at it's the same idea behind fractals is

1028
00:52:09,380 --> 00:52:06,249
it regardless of the scale the pattern

1029
00:52:12,180 --> 00:52:09,390
appears the same right well this

1030
00:52:15,120 --> 00:52:12,190
principle is also very important in

1031
00:52:18,059 --> 00:52:15,130
geology in particular in particularly in

1032
00:52:20,099 --> 00:52:18,069
fluvial geomorphology which looks at the

1033
00:52:23,309 --> 00:52:20,109
patterns of landscapes that are created

1034
00:52:25,069 --> 00:52:23,319
and sculpted by water right so the

1035
00:52:28,739 --> 00:52:25,079
principle of scale and variance I

1036
00:52:30,479 --> 00:52:28,749
discovered was in embedded in the

1037
00:52:33,569 --> 00:52:30,489
principles of ancient architectural

1038
00:52:36,209 --> 00:52:33,579

design right well it's also embedded in

1039

00:52:38,099 --> 00:52:36,219

the natural world because I'll give you

1040

00:52:40,799 --> 00:52:38,109

a practical example anybody can pick up

1041

00:52:41,789 --> 00:52:40,809

a textbook on geology right you open it

1042

00:52:44,759 --> 00:52:41,799

up and you start looking at the

1043

00:52:47,039 --> 00:52:44,769

photographs you'll always see something

1044

00:52:49,769 --> 00:52:47,049

in the photograph it might be a person

1045

00:52:51,719 --> 00:52:49,779

standing there it might be a rock pick

1046

00:52:53,969 --> 00:52:51,729

it's placed in there might be the

1047

00:52:56,609 --> 00:52:53,979

geologists hat place but there's

1048

00:52:58,829 --> 00:52:56,619

something put in the picture for scale

1049

00:53:00,569 --> 00:52:58,839

right because if you take that out you

1050

00:53:02,430 --> 00:53:00,579

go wait a second am i looking at a rock

1051

00:53:05,309 --> 00:53:02,440

outcrop here that's three feet high or

1052

00:53:09,120 --> 00:53:05,319

300 feet high mm-hmm you don't know that

1053

00:53:12,299 --> 00:53:09,130

scale invariance so I was actually I

1054

00:53:15,829 --> 00:53:12,309

think was 1979 1980 I was giving a

1055

00:53:18,539 --> 00:53:15,839

lecture on on the principles of

1056

00:53:21,059 --> 00:53:18,549

architecture as I had understood them at

1057

00:53:23,849 --> 00:53:21,069

that time and how this concept of scale

1058

00:53:26,999 --> 00:53:23,859

invariance was so important in in so

1059

00:53:31,620 --> 00:53:27,009

many examples of ancient architecture

1060

00:53:33,779 --> 00:53:31,630

right so then I cited as an example to

1061

00:53:36,420 --> 00:53:33,789

show comparison well yes so just as we

1062

00:53:39,539 --> 00:53:36,430

have scale invariance in architecture in

1063

00:53:43,049 --> 00:53:39,549

ancient principles of design and art we

1064

00:53:46,289 --> 00:53:43,059

also have it in geology and I cited the

1065

00:53:48,390 --> 00:53:46,299

example of standing on the bluffs

1066

00:53:51,150 --> 00:53:48,400

looking out at the Minnesota River

1067

00:53:53,670 --> 00:53:51,160

Valley seeing this giant chain

1068

00:53:55,290 --> 00:53:53,680

in thinking that the giant channel and

1069

00:53:57,960 --> 00:53:55,300

the small channel that the modern

1070

00:54:00,180 --> 00:53:57,970

Minnesota River flowed in were was an

1071

00:54:04,170 --> 00:54:00,190

example of scale and variance and that

1072

00:54:06,060 --> 00:54:04,180

just as the small river with two banks

1073

00:54:07,560 --> 00:54:06,070

there was a giant river and I basically

1074

00:54:10,560 --> 00:54:07,570

explained this and there was a guy in

1075

00:54:13,140 --> 00:54:10,570

the audience who had had had a degree in

1076

00:54:14,730 --> 00:54:13,150

geology and he stood up or raised his

1077

00:54:16,980 --> 00:54:14,740

hand or whatever and he challenged me

1078

00:54:18,750 --> 00:54:16,990

and said no no no no no we know that

1079

00:54:22,950 --> 00:54:18,760

those are formed over millions of years

1080

00:54:24,960 --> 00:54:22,960

of erosion right and I I was like well I

1081

00:54:27,840 --> 00:54:24,970

have to think his name was John I said

1082

00:54:30,720 --> 00:54:27,850

well John I I'm you know I'm reasonably

1083

00:54:33,510 --> 00:54:30,730

confident that I'm right here but I

1084

00:54:35,570 --> 00:54:33,520

couldn't really defend why I knew I was

1085

00:54:39,060 --> 00:54:35,580

right I just had such a strong

1086

00:54:41,250 --> 00:54:39,070

instinctive sense that that I was right

1087

00:54:43,260 --> 00:54:41,260

but what it did it pissed me off enough

1088

00:54:45,960 --> 00:54:43,270

that I actually went and enrolled in a

1089

00:54:49,830 --> 00:54:45,970

formal geology course and began studying

1090

00:54:52,530 --> 00:54:49,840

geology really formally and in and of

1091

00:54:54,750 --> 00:54:52,540

course now later on I realized of course

1092

00:54:57,150 --> 00:54:54,760

that I was right and he was wrong and in

1093

00:54:59,790 --> 00:54:57,160

fact geologists have made a study of

1094

00:55:02,490 --> 00:54:59,800

that and they call it River Warren and

1095

00:55:04,650 --> 00:55:02,500

it was caused by the outburst of glacial

1096

00:55:07,710 --> 00:55:04,660

Lake Agassiz which was a pro glacial

1097

00:55:10,020 --> 00:55:07,720

lake which busted out if anybody looks

1098

00:55:12,630 --> 00:55:10,030

at a map of Minnesota you'll see on the

1099

00:55:16,020 --> 00:55:12,640

western boundary of Minnesota there's a

1100

00:55:19,380 --> 00:55:16,030

bump this bump about halfway up that

1101

00:55:22,050 --> 00:55:19,390

bump was the Chandler was initially cut

1102

00:55:24,450 --> 00:55:22,060

by the draining of this gigantic Pro

1103

00:55:27,030 --> 00:55:24,460

glacial Lake and when that water drained

1104

00:55:30,090 --> 00:55:27,040

down it cut the Minnesota River Valley

1105

00:55:33,630 --> 00:55:30,100

and created what the geologists who have

1106

00:55:36,690 --> 00:55:33,640

studied it glacial River Warren their

1107

00:55:39,720 --> 00:55:36,700

estimated peak discharge puts it at four

1108

00:55:42,000 --> 00:55:39,730

thousand times greater than the modern

1109

00:55:44,280 --> 00:55:42,010

flood stage of the Minnesota River can

1110

00:55:46,380 --> 00:55:44,290

you know this is all we got to take a

1111

00:55:49,650 --> 00:55:46,390

break right here but this is what this

1112

00:55:53,700 --> 00:55:49,660

is when I think about this is the

1113

00:55:57,050 --> 00:55:53,710

violence right can you imagine how crazy

1114

00:56:00,510 --> 00:55:57,060

violent it was when it was going down

1115

00:56:02,760 --> 00:56:00,520

that's what I do Jimmy I imagine that we

1116

00:56:04,800 --> 00:56:02,770

have and I've got to take a break right

1117

00:56:08,400 --> 00:56:04,810

here but two points

1118

00:56:12,420 --> 00:56:08,410

I want to go back and address with you

1119

00:56:15,390 --> 00:56:12,430

one I had it was an eighth grade I had a

1120

00:56:18,140 --> 00:56:15,400

teacher make this quick I did teach her

1121

00:56:21,240 --> 00:56:18,150

Indiana history was the class and

1122

00:56:22,860 --> 00:56:21,250

imagined this he was probably 60 years

1123

00:56:25,710 --> 00:56:22,870

old you know I'm just a little kid in

1124

00:56:29,160 --> 00:56:25,720

the middle of the 70s and he goes now

1125

00:56:32,550 --> 00:56:29,170

Indiana is flat until Brown County where

1126
00:56:36,360 --> 00:56:32,560
the hill start because above you was 2

1127
00:56:40,350 --> 00:56:36,370
miles of ice right that that fine I just

1128
00:56:43,170 --> 00:56:40,360
he he changed my life Randall I had to

1129
00:56:46,800 --> 00:56:43,180
sit there and think about 2 miles of ice

1130
00:56:50,040 --> 00:56:46,810
above my head Indianapolis there was

1131
00:56:53,370 --> 00:56:50,050
that and then just like you and then

1132
00:56:56,490 --> 00:56:53,380
when I was about 21 years old I went out

1133
00:56:58,020 --> 00:56:56,500
to the desert with a friend here in

1134
00:57:00,600 --> 00:56:58,030
Southern California and he looks really

1135
00:57:03,870 --> 00:57:00,610
ghosts now see all of those see them all

1136
00:57:06,870 --> 00:57:03,880
all of those Peaks around us those were

1137
00:57:11,420 --> 00:57:06,880
all islands at one point this was all

1138
00:57:14,730 --> 00:57:11,430

water and up there you know and I I just

1139

00:57:17,100 --> 00:57:14,740

visualized that for a second and you

1140

00:57:19,050 --> 00:57:17,110

drive around the United States and you

1141

00:57:20,780 --> 00:57:19,060

go through New Mexico or you go through

1142

00:57:24,360 --> 00:57:20,790

these parts where you see all of these

1143

00:57:29,370 --> 00:57:24,370

all of this geology and you realize that

1144

00:57:31,230 --> 00:57:29,380

at one point those were Islands you know

1145

00:57:33,510 --> 00:57:31,240

just like in in Minnesota where you're

1146

00:57:35,850 --> 00:57:33,520

talking about there too as well it's a

1147

00:57:37,920 --> 00:57:35,860

crazy world that we live in and to go

1148

00:57:39,930 --> 00:57:37,930

back and contemplate it instead of

1149

00:57:41,550 --> 00:57:39,940

ignoring it I think that is one of the

1150

00:57:44,610 --> 00:57:41,560

coolest things that we can do is go back

1151
00:57:47,600 --> 00:57:44,620
in and figure out why because it was a

1152
00:57:51,920 --> 00:57:47,610
violent change at one point violent

1153
00:57:55,110 --> 00:57:51,930
life-changing cataclysmic events

1154
00:57:58,620 --> 00:57:55,120
absolutely yeah you can't exaggerate it

1155
00:57:59,970 --> 00:57:58,630
at all you can't the violence was must

1156
00:58:02,460 --> 00:57:59,980
have been incredible let's take a break

1157
00:58:06,090 --> 00:58:02,470
right here and and I just think about

1158
00:58:09,300 --> 00:58:06,100
the melting ice and and those changes

1159
00:58:11,250 --> 00:58:09,310
those glaciers went somewhere and when

1160
00:58:14,100 --> 00:58:11,260
they Randall when they went somewhere

1161
00:58:17,130 --> 00:58:14,110
something else disappeared that's a

1162
00:58:17,940 --> 00:58:17,140
crazy crazy concept this is paid to

1163
00:58:20,339 --> 00:58:17,950

black our guest

1164

00:58:21,210 --> 00:58:20,349

tonight Randall Carlson tonight is the

1165

00:58:23,190 --> 00:58:21,220

conversation

1166

00:58:24,720 --> 00:58:23,200

I am eros Jimmy Church we're gonna pick

1167

00:58:27,180 --> 00:58:24,730

up where we left off when we come back

1168

00:58:27,690 --> 00:58:27,190

our guest is Randall Carlson stay with

1169

00:58:43,740 --> 00:58:27,700

us

1170

00:58:45,870 --> 00:58:43,750

this is fade to black

1171

00:58:49,560 --> 00:58:45,880

with Jimmy Church on the game changer

1172

00:58:51,349 --> 00:58:49,570

radio network and kgr a the global radio

1173

00:58:54,660 --> 00:58:51,359

alliance

1174

00:58:58,020 --> 00:58:54,670

this is kera digital broadcasting

1175

00:59:01,200 --> 00:58:58,030

station Salt Lake City Utah Van Buren

1176

00:59:03,710 --> 00:59:01,210

Arkansas folks this is very important

1177

00:59:07,140 --> 00:59:03,720

information what's to be said about CBD

1178

00:59:10,620 --> 00:59:07,150

ancient life oil calm our CBD is made

1179

00:59:13,380 --> 00:59:10,630

from hemp and has point 0 0 3 THC which

1180

00:59:15,900 --> 00:59:13,390

means this wonderful product won't get

1181

00:59:18,720 --> 00:59:15,910

you high no matter what amount you take

1182

00:59:21,690 --> 00:59:18,730

what a CBD do for the body my hands are

1183

00:59:23,970 --> 00:59:21,700

tied but you can Google CBD benefits and

1184

00:59:26,040 --> 00:59:23,980

be astounded when you're finished

1185

00:59:28,589 --> 00:59:26,050

reading you'll want to log on to ancient

1186

00:59:31,589 --> 00:59:28,599

life oil calm that's ancient life oil

1187

00:59:33,630 --> 00:59:31,599

calm and purchase life is good when you

1188

00:59:35,670 --> 00:59:33,640

feel good people are tired of pain

1189

00:59:38,580 --> 00:59:35,680

people are asking for non-gmo organic

1190

00:59:41,280 --> 00:59:38,590

products to help them with you fill in

1191

00:59:43,500 --> 00:59:41,290

the blank legal in 49 states and again

1192

00:59:46,320 --> 00:59:43,510

our CBD is made from hemp ancient life

1193

00:59:47,250 --> 00:59:46,330

oil is about helping people one by one

1194

00:59:48,750 --> 00:59:47,260

by one

1195

00:59:52,109 --> 00:59:48,760

if you wonder how good the product is

1196

00:59:54,599 --> 00:59:52,119

the CEO takes it every day without miss

1197

01:00:04,120 --> 00:59:54,609

ancient life oil calm that's ancient

1198

01:00:08,630 --> 01:00:06,770

hi this is Ray sobs here reppin the

1199

01:00:11,630 --> 01:00:08,640

planet and you're listening to my good

1200

01:00:14,180 --> 01:00:11,640

friend Jimmy Church fade to black

1201
01:00:18,740 --> 01:00:14,190
on the GameChanger network and the kgr a

1202
01:00:20,900 --> 01:00:18,750
digital broadcast station this is Toby

1203
01:00:42,140 --> 01:00:20,910
Kebbell you're listening to Jimmy Church

1204
01:00:44,930 --> 01:00:42,150
radio.com reclaim your active lifestyle

1205
01:00:46,970 --> 01:00:44,940
with NGO Prem NGO print is the original

1206
01:00:49,040 --> 01:00:46,980
liquid oral chelation supplement

1207
01:00:51,200 --> 01:00:49,050
chelation helps remove toxins heavy

1208
01:00:53,000 --> 01:00:51,210
metals and cholesterol in your veins and

1209
01:00:54,860 --> 01:00:53,010
arteries that can cause blockages

1210
01:00:56,720 --> 01:00:54,870
scientific research proves the active

1211
01:00:59,020 --> 01:00:56,730
ingredient in angio primp has superior

1212
01:01:00,320 --> 01:00:59,030
oral chelation action that helps promote

1213
01:01:02,600 --> 01:01:00,330

cardiovascular health

1214

01:01:04,700 --> 01:01:02,610

find out more come to angio primm calm

1215

01:01:06,890 --> 01:01:04,710

talk to a trained consultant by calling

1216

01:01:10,550 --> 01:01:06,900

angio priem toll free eight seven seven

1217

01:01:12,260 --> 01:01:10,560

eighty two seventy two twenty one this

1218

01:01:14,420 --> 01:01:12,270

is Jimmy Church of fade to black and you

1219

01:01:16,880 --> 01:01:14,430

can become an official fade or not by

1220

01:01:20,900 --> 01:01:16,890

just going to our membership section at

1221

01:01:22,730 --> 01:01:20,910

Jimmy Church radio.com hey it's grace

1222

01:01:25,460 --> 01:01:22,740

can we talk about something serious for

1223

01:01:27,710 --> 01:01:25,470

a minute your age getting old has its

1224

01:01:30,050 --> 01:01:27,720

perks but remember being a few years

1225

01:01:32,180 --> 01:01:30,060

younger you know your hair was thicker

1226

01:01:34,220 --> 01:01:32,190

you didn't have so many wrinkles that

1227

01:01:36,620 --> 01:01:34,230

extra weight wasn't haunting you and you

1228

01:01:38,750 --> 01:01:36,630

just felt better well we can't turn back

1229

01:01:41,480 --> 01:01:38,760

the clocks and go back 10 or 15 years

1230

01:01:43,820 --> 01:01:41,490

but you can start feeling and looking 10

1231

01:01:46,430 --> 01:01:43,830

or 15 years younger with nature's youth

1232

01:01:47,960 --> 01:01:46,440

RSF it's a doctor formulated daily

1233

01:01:50,090 --> 01:01:47,970

supplement that helps your body maintain

1234

01:01:52,850 --> 01:01:50,100

its peak performance and fight the aging

1235

01:01:54,470 --> 01:01:52,860

process imagine sleeping better looking

1236

01:01:56,870 --> 01:01:54,480

better and feeling better

1237

01:01:58,790 --> 01:01:56,880

see how Nature's youth RSF has helped

1238

01:02:01,460 --> 01:01:58,800

thousands of people just like you at

1239

01:02:03,260 --> 01:02:01,470

nature's youth calm nature's youth calm

1240

01:02:04,850 --> 01:02:03,270

imagine how it will feel when your

1241

01:02:07,280 --> 01:02:04,860

family and friends are asking you what

1242

01:02:09,890 --> 01:02:07,290

you did to look so good your secret will

1243

01:02:12,140 --> 01:02:09,900

be nature's youth RSF it's time to start

1244

01:02:14,270 --> 01:02:12,150

looking better and feeling better learn

1245

01:02:16,490 --> 01:02:14,280

more in order your nature's use RSS at

1246

01:02:20,080 --> 01:02:16,500

nature's youth calm that's nature

1247

01:02:22,730 --> 01:02:20,090

youth calm that's nature's youth calm

1248

01:02:24,890 --> 01:02:22,740

hello this is Serena right Kayla from

1249

01:02:27,440 --> 01:02:24,900

conscious life Expo and you're listening

1250

01:02:29,690 --> 01:02:27,450

to fade to black with Jimmy Church who

1251
01:02:34,450 --> 01:02:29,700
holds the lucky pony record for the best

1252
01:02:36,950 --> 01:02:34,460
astrological chart since 1963 true story

1253
01:02:38,570 --> 01:02:36,960
this is Micah Hank's of a grey lien

1254
01:02:40,880 --> 01:02:38,580
report and you're listening to Jimmy

1255
01:02:42,980 --> 01:02:40,890
church on fade to black across the globe

1256
01:02:46,140 --> 01:02:42,990
on the GameChanger radio network and the

1257
01:02:50,160 --> 01:02:46,150
one and only kgr a radio the planet

1258
01:02:50,470 --> 01:02:50,170
[Music]

1259
01:03:05,849 --> 01:02:50,480
[Applause]

1260
01:03:07,620 --> 01:03:05,859
[Music]

1261
01:03:11,039 --> 01:03:07,630
welcome back fade to black coming home

1262
01:03:16,199 --> 01:03:11,049
Jimmy Church can follow me on twitter @

1263
01:03:18,890 --> 01:03:16,209

JT radio to follow Randall at sacred

1264

01:03:22,529 --> 01:03:18,900

geometry International I think it's int

1265

01:03:25,229 --> 01:03:22,539

it's right there on Twitter talking

1266

01:03:26,699 --> 01:03:25,239

about everything tonight and ran all I

1267

01:03:28,829 --> 01:03:26,709

want to pick up what we left off and

1268

01:03:33,419 --> 01:03:28,839

kind of dovetail into two different

1269

01:03:37,319 --> 01:03:33,429

subjects into this next segment and one

1270

01:03:42,089 --> 01:03:37,329

of them is this I want to start here why

1271

01:03:44,939 --> 01:03:42,099

is it that and this is your opinion why

1272

01:03:47,099 --> 01:03:44,949

is it that North America and this

1273

01:03:50,009 --> 01:03:47,109

continent you can even include South

1274

01:03:52,679 --> 01:03:50,019

America but North America is ignored

1275

01:03:55,829 --> 01:03:52,689

when it comes to ancient history in

1276

01:03:57,900 --> 01:03:55,839

history everybody else is concerned with

1277

01:04:00,269 --> 01:03:57,910

everything else on this planet but

1278

01:04:05,400 --> 01:04:00,279

nobody wants to talk about us but you

1279

01:04:07,469 --> 01:04:05,410

why is that well I gotta say not only me

1280

01:04:09,989 --> 01:04:07,479

but Graham's new book about Graham

1281

01:04:11,849 --> 01:04:09,999

Hancock's new book is America before and

1282

01:04:14,819 --> 01:04:11,859

so he is trying to address that

1283

01:04:16,529 --> 01:04:14,829

deficiency as we speak and I think his

1284

01:04:18,390 --> 01:04:16,539

new book will go a long way towards that

1285

01:04:20,099 --> 01:04:18,400

so I want to definitely throw out an

1286

01:04:23,039 --> 01:04:20,109

endorsement for that but it's a very

1287

01:04:25,979 --> 01:04:23,049

good question and one of the reasons I

1288

01:04:27,870 --> 01:04:25,989

think that that occurs are you there I'm

1289

01:04:29,339 --> 01:04:27,880

here I'm listening to you okay yeah

1290

01:04:31,289 --> 01:04:29,349

sounded like my line went dead for a

1291

01:04:33,599 --> 01:04:31,299

second okay sorry

1292

01:04:35,729 --> 01:04:33,609

deep here's the thing if we look at the

1293

01:04:38,189 --> 01:04:35,739

trend of modern history we kind of see

1294

01:04:41,130 --> 01:04:38,199

that civilization kind of branches out

1295

01:04:42,689 --> 01:04:41,140

from certain epicenters you know the

1296

01:04:44,669 --> 01:04:42,699

Middle East being one of the the big

1297

01:04:46,439 --> 01:04:44,679

ones earlier than that

1298

01:04:48,689 --> 01:04:46,449

you know the east central highlands of

1299

01:04:50,729 --> 01:04:48,699

Africa being another zone where it

1300

01:04:53,579 --> 01:04:50,739

appears that you know hominid species

1301
01:04:55,709 --> 01:04:53,589
branched out we don't see such a thing

1302
01:04:58,799 --> 01:04:55,719
in North America North America was

1303
01:05:01,589 --> 01:04:58,809
called the new world right because it

1304
01:05:04,529 --> 01:05:01,599
was being rediscovered well that whole

1305
01:05:07,079 --> 01:05:04,539
paradigm is being completely overturned

1306
01:05:09,150 --> 01:05:07,089
because we're realizing that the story

1307
01:05:12,209 --> 01:05:09,160
of what went on here goes back much much

1308
01:05:14,160 --> 01:05:12,219
further on you know last fall I had the

1309
01:05:17,160 --> 01:05:14,170
opportunity to spend a couple of days

1310
01:05:19,260 --> 01:05:17,170
with Albert Goodyear who is the lead

1311
01:05:21,770 --> 01:05:19,270
archaeologist on the stoppers

1312
01:05:24,120 --> 01:05:21,780
which is right along the savannah river

1313
01:05:26,400 --> 01:05:24,130

that separates North and South Carolina

1314

01:05:30,150 --> 01:05:26,410

or actually separates Georgia from South

1315

01:05:31,559 --> 01:05:30,160

Carolina right right and very

1316

01:05:34,640 --> 01:05:31,569

interesting what was going on there you

1317

01:05:37,470 --> 01:05:34,650

know he was a one of the principal art

1318

01:05:39,059 --> 01:05:37,480

archeologists looking at the Clovis the

1319

01:05:41,370 --> 01:05:39,069

evidence for the Clovis culture you know

1320

01:05:45,030 --> 01:05:41,380

which was this short-lived culture that

1321

01:05:46,859 --> 01:05:45,040

appeared very suddenly around thirteen

1322

01:05:49,589 --> 01:05:46,869

thousand four hundred to thirteen

1323

01:05:53,839 --> 01:05:49,599

thousand five hundred years ago were

1324

01:05:56,040 --> 01:05:53,849

very prominent left a very prolific

1325

01:05:59,190 --> 01:05:56,050

archaeological record in terms of their

1326

01:06:02,329 --> 01:05:59,200

their debe ties their toolkits their

1327

01:06:04,950 --> 01:06:02,339

their spear points and so on and then

1328

01:06:06,809 --> 01:06:04,960

and suddenly as they appeared they

1329

01:06:08,849 --> 01:06:06,819

disappeared right around twelve thousand

1330

01:06:11,880 --> 01:06:08,859

nine hundred years ago quarries that had

1331

01:06:15,030 --> 01:06:11,890

been actively mined for a half a

1332

01:06:17,819 --> 01:06:15,040

millennium were suddenly abandoned you

1333

01:06:20,809 --> 01:06:17,829

know village sites community sites where

1334

01:06:23,450 --> 01:06:20,819

they had lived were suddenly abandoned

1335

01:06:26,220 --> 01:06:23,460

radiocarbon dating shows that the

1336

01:06:28,260 --> 01:06:26,230

organic evidence of their presence all

1337

01:06:30,329 --> 01:06:28,270

suddenly just ceases right around twelve

1338

01:06:33,150 --> 01:06:30,339

thousand nine hundred now for a long

1339

01:06:36,329 --> 01:06:33,160

time Clovis was considered to be and it

1340

01:06:39,660 --> 01:06:36,339

was assumed to be the oldest culture in

1341

01:06:41,700 --> 01:06:39,670

North America in the traditional concept

1342

01:06:43,620 --> 01:06:41,710

was that they emigrated across the

1343

01:06:46,140 --> 01:06:43,630

bering land bridge which connected

1344

01:06:50,040 --> 01:06:46,150

siberia to alaska when sea levels were

1345

01:06:52,770 --> 01:06:50,050

lowered and before they rose and and

1346

01:06:56,970 --> 01:06:52,780

drowned the land bridge which was an

1347

01:07:00,150 --> 01:06:56,980

enormous lee huge tract of land people

1348

01:07:03,510 --> 01:07:00,160

don't realize that North America and

1349

01:07:06,990 --> 01:07:03,520

North East Asia were essentially one

1350

01:07:09,450 --> 01:07:07,000

landmass the Bering Land Bridge was

1351

01:07:12,359 --> 01:07:09,460

actually larger in area than the state

1352

01:07:15,120 --> 01:07:12,369

of Alaska so you know it just it's

1353

01:07:17,010 --> 01:07:15,130

difficult to kind of comprehend that you

1354

01:07:19,140 --> 01:07:17,020

know at North America and Asia were a

1355

01:07:21,660 --> 01:07:19,150

single landmass but they were during

1356

01:07:24,150 --> 01:07:21,670

whenever the ice grew and sea levels

1357

01:07:27,660 --> 01:07:24,160

dropped you know it exposed enormous

1358

01:07:31,440 --> 01:07:27,670

swaths of land along the peripheries of

1359

01:07:32,880 --> 01:07:31,450

the continents and in the case of the

1360

01:07:36,540 --> 01:07:32,890

continental shelves

1361

01:07:39,030 --> 01:07:36,550

we Alaska and Siberia it was vast enough

1362

01:07:42,270 --> 01:07:39,040

that it created this it exposed this

1363

01:07:45,630 --> 01:07:42,280

whole landscape that is now underwater

1364

01:07:48,240 --> 01:07:45,640

that's essentially now extinct but the

1365

01:07:51,500 --> 01:07:48,250

idea was that the Clovis people came

1366

01:07:53,940 --> 01:07:51,510

across during some interval when the ice

1367

01:07:56,190 --> 01:07:53,950

ameliorated enough that there was an

1368

01:07:58,920 --> 01:07:56,200

ice-free corridor not yet if you look at

1369

01:08:01,230 --> 01:07:58,930

a map of North America you had basically

1370

01:08:02,760 --> 01:08:01,240

- if I'm going to try to describe this

1371

01:08:05,250 --> 01:08:02,770

so thought those who are listening can

1372

01:08:06,960 --> 01:08:05,260

try to get the picture you had two great

1373

01:08:09,090 --> 01:08:06,970

ice sheets over North America the

1374

01:08:11,340 --> 01:08:09,100

biggest one was centered more or less on

1375

01:08:13,680 --> 01:08:11,350

Hudson Bay and this is the one that

1376

01:08:15,930 --> 01:08:13,690

reached up to 2 miles in thickness and

1377

01:08:18,030 --> 01:08:15,940

it was called the Laurentide Ice Sheet

1378

01:08:20,540 --> 01:08:18,040

and it extended it's the one that

1379

01:08:24,180 --> 01:08:20,550

extended down into Indiana Ohio Illinois

1380

01:08:26,580 --> 01:08:24,190

Minnesota and it extended west all the

1381

01:08:28,830 --> 01:08:26,590

way to Alberta now you had a second Ice

1382

01:08:31,490 --> 01:08:28,840

Sheet now I'll say that the Laurentide

1383

01:08:33,960 --> 01:08:31,500

Ice Sheet was about the size of the

1384

01:08:36,600 --> 01:08:33,970

Antarctic Ice Sheet that now swaddles

1385

01:08:39,450 --> 01:08:36,610

the South Pole then you had the

1386

01:08:43,170 --> 01:08:39,460

Cordilleran ice sheet which which

1387

01:08:45,540 --> 01:08:43,180

flanked over the top of the Canadian

1388

01:08:48,690 --> 01:08:45,550

Rockies it was about an reached from

1389

01:08:51,510 --> 01:08:48,700

northern Washington state up to Alaska

1390

01:08:53,520 --> 01:08:51,520

now it was about the size of the ice cap

1391

01:08:55,920 --> 01:08:53,530

that now covers Greenland so you had

1392

01:08:58,650 --> 01:08:55,930

these two great ice sheets right at some

1393

01:09:01,170 --> 01:08:58,660

point as they grew they grew together so

1394

01:09:04,460 --> 01:09:01,180

there was no passageway between them but

1395

01:09:08,520 --> 01:09:04,470

in other times probably somewhere around

1396

01:09:10,680 --> 01:09:08,530

14,000 years ago when the cold deep cold

1397

01:09:13,410 --> 01:09:10,690

of the Ice Age began to ameliorate or

1398

01:09:15,600 --> 01:09:13,420

soften the ice sheets might have melted

1399

01:09:17,790 --> 01:09:15,610

back just enough to open up a corridor

1400

01:09:20,370 --> 01:09:17,800

between them so it was believed that the

1401
01:09:23,520 --> 01:09:20,380
Clovis people came down through this

1402
01:09:25,500 --> 01:09:23,530
corridor and then colonized North

1403
01:09:27,480 --> 01:09:25,510
America and eventually passed through

1404
01:09:29,760 --> 01:09:27,490
Central America and colonized South

1405
01:09:31,890 --> 01:09:29,770
America and in this model of course

1406
01:09:34,620 --> 01:09:31,900
there should be at least some hiatus

1407
01:09:37,350 --> 01:09:34,630
between their first arrival in North

1408
01:09:39,420 --> 01:09:37,360
America and their final appearance down

1409
01:09:40,650 --> 01:09:39,430
by Tierra del Fuego at the southern tip

1410
01:09:42,720 --> 01:09:40,660
of South America

1411
01:09:45,000 --> 01:09:42,730
right so this group was called the

1412
01:09:47,280 --> 01:09:45,010
Clovis because of their distinctive

1413
01:09:49,590 --> 01:09:47,290

artifact right right

1414

01:09:51,539 --> 01:09:49,600

clovis for a long time was considered to

1415

01:09:54,660 --> 01:09:51,549

be the first the earliest Americans

1416

01:09:57,540 --> 01:09:54,670

right so back to dr. albert goodyear and

1417

01:10:00,060 --> 01:09:57,550

the topper site okay so he's excavating

1418

01:10:02,280 --> 01:10:00,070

at a site which is one of many of about

1419

01:10:06,110 --> 01:10:02,290

fifty clovis sites that are now known

1420

01:10:10,050 --> 01:10:06,120

around north america and and north

1421

01:10:12,210 --> 01:10:10,060

mexico right so what he did and he

1422

01:10:15,420 --> 01:10:12,220

explained out well for a long time he

1423

01:10:18,030 --> 01:10:15,430

really never really looked below this

1424

01:10:20,940 --> 01:10:18,040

Clovis horizon as you would call it now

1425

01:10:24,120 --> 01:10:20,950

at this Clovis horizon there is there's

1426

01:10:25,770 --> 01:10:24,130

a very distinct layer showing up at

1427

01:10:29,100 --> 01:10:25,780

about half the Clovis sites in North

1428

01:10:31,440 --> 01:10:29,110

America it's been colloquially called

1429

01:10:34,950 --> 01:10:31,450

the black matte layer and I'll come back

1430

01:10:38,250 --> 01:10:34,960

to that black mysterious and important

1431

01:10:41,520 --> 01:10:38,260

black matte layer because what they

1432

01:10:43,770 --> 01:10:41,530

begin to notice was that wherever these

1433

01:10:46,770 --> 01:10:43,780

bled Clovis sites were and you had this

1434

01:10:49,140 --> 01:10:46,780

black matte layer below that black matte

1435

01:10:52,770 --> 01:10:49,150

layer you would find Clovis artifacts

1436

01:10:55,620 --> 01:10:52,780

but never above it so this became the

1437

01:10:57,050 --> 01:10:55,630

Clovis horizon well as further research

1438

01:10:59,820 --> 01:10:57,060

went on two other very interesting

1439

01:11:02,790 --> 01:10:59,830

correlations showed up one was there was

1440

01:11:05,700 --> 01:11:02,800

a massive climate spasm that occurred

1441

01:11:08,970 --> 01:11:05,710

precisely at the date of that black

1442

01:11:11,880 --> 01:11:08,980

matte layer that climate spasm is called

1443

01:11:15,060 --> 01:11:11,890

the younger driest boundary or there was

1444

01:11:17,040 --> 01:11:15,070

actually the pre boreal which was the

1445

01:11:19,370 --> 01:11:17,050

previous section that's the name of it

1446

01:11:22,260 --> 01:11:19,380

younger driest no I'm sorry not back up

1447

01:11:24,780 --> 01:11:22,270

balling allarod the balling allarod was

1448

01:11:28,890 --> 01:11:24,790

a period into towards the end of the Ice

1449

01:11:32,580 --> 01:11:28,900

Age when due to primarily astronomical

1450

01:11:35,130 --> 01:11:32,590

influences that deep cold of the Ice Age

1451

01:11:37,410 --> 01:11:35,140

begin to soften and it was this time

1452

01:11:39,270 --> 01:11:37,420

that the ice began to shrink back well

1453

01:11:40,950 --> 01:11:39,280

this had been going on for a couple of

1454

01:11:43,170 --> 01:11:40,960

thousand years so this was that period

1455

01:11:46,160 --> 01:11:43,180

of time when they were speculating that

1456

01:11:48,990 --> 01:11:46,170

that ice-free corridor opened up well

1457

01:11:51,300 --> 01:11:49,000

what happened was is right at the end of

1458

01:11:53,730 --> 01:11:51,310

this couple of thousand years of gradual

1459

01:11:56,130 --> 01:11:53,740

warming that warming was suddenly

1460

01:11:58,650 --> 01:11:56,140

interrupted at the Bolling a lurid

1461

01:12:00,180 --> 01:11:58,660

Younger Dryas boundary which was dated

1462

01:12:01,140 --> 01:12:00,190

at twelve thousand nine hundred years

1463

01:12:04,470 --> 01:12:01,150

ago and

1464

01:12:08,160 --> 01:12:04,480

was a massive rapid almost catastrophic

1465

01:12:09,899 --> 01:12:08,170

shift back into full glacial cold after

1466

01:12:14,250 --> 01:12:09,909

two to three thousand years of warming

1467

01:12:17,550 --> 01:12:14,260

right now that climate spasm coincided

1468

01:12:19,830 --> 01:12:17,560

precisely with this black matte layer

1469

01:12:22,350 --> 01:12:19,840

that marked the end of the Clovis

1470

01:12:25,050 --> 01:12:22,360

culture the other thing that correlated

1471

01:12:27,870 --> 01:12:25,060

with that was the fact that the great

1472

01:12:29,760 --> 01:12:27,880

megafauna that inhabited North America

1473

01:12:32,790 --> 01:12:29,770

for tens and for hundreds of thousands

1474

01:12:33,479 --> 01:12:32,800

of years basically disappeared in an

1475

01:12:36,149 --> 01:12:33,489

eyeblink

1476

01:12:39,120 --> 01:12:36,159

most of that disappearance occurred

1477

01:12:41,130 --> 01:12:39,130

right at that same boundary so that

1478

01:12:45,390 --> 01:12:41,140

typically they were finding the remains

1479

01:12:49,020 --> 01:12:45,400

of the extinct megafauna below the black

1480

01:12:52,169 --> 01:12:49,030

mat but not above it so the book not the

1481

01:12:53,910 --> 01:12:52,179

black mat is dated at that magical

1482

01:12:59,520 --> 01:12:53,920

number right ten thousand five hundred

1483

01:13:01,410 --> 01:12:59,530

ten thousand 900 BC yes actually right

1484

01:13:03,630 --> 01:13:01,420

that's exactly right now this is an

1485

01:13:05,970 --> 01:13:03,640

important date yes it is we'll come back

1486

01:13:09,020 --> 01:13:05,980

to that date oh yes very important okay

1487

01:13:12,180 --> 01:13:09,030

it links links a lot of things together

1488

01:13:13,979 --> 01:13:12,190

so anyways back to Albert Goodyear with

1489

01:13:15,959 --> 01:13:13,989

with this as a context I hope that

1490

01:13:17,640 --> 01:13:15,969

people didn't think I was just rambling

1491

01:13:20,100 --> 01:13:17,650

on I'm gonna get back to Albert Goodyear

1492

01:13:21,780 --> 01:13:20,110

in the topper site so he had been

1493

01:13:24,750 --> 01:13:21,790

studying the Clovis culture and it never

1494

01:13:26,010 --> 01:13:24,760

bothered to look beneath it right now at

1495

01:13:27,500 --> 01:13:26,020

the topper side he thinks that if I

1496

01:13:31,530 --> 01:13:27,510

remember right the Clovis culture

1497

01:13:34,169 --> 01:13:31,540

horizon there also at the topper site

1498

01:13:35,970 --> 01:13:34,179

along the Savannah River the black matte

1499

01:13:37,350 --> 01:13:35,980

layer doesn't really show up like it

1500

01:13:39,330 --> 01:13:37,360

does at some of the others like in the

1501
01:13:43,830 --> 01:13:39,340
southwest where it shows up real

1502
01:13:45,750 --> 01:13:43,840
conspicuously so anyways he said well

1503
01:13:47,340 --> 01:13:45,760
people kept asking him or what was below

1504
01:13:48,510 --> 01:13:47,350
it what was below it what was below it

1505
01:13:49,830 --> 01:13:48,520
and he said well he never bothered to

1506
01:13:52,229 --> 01:13:49,840
look because the assumption was that

1507
01:13:54,540 --> 01:13:52,239
there was nothing below it but then he

1508
01:13:57,300 --> 01:13:54,550
finally decided okay I just I'm gonna

1509
01:14:00,950 --> 01:13:57,310
take a look so he they dug down they

1510
01:14:03,570 --> 01:14:00,960
excavated about six feet down below the

1511
01:14:05,220 --> 01:14:03,580
Clovis layer and what do you think they

1512
01:14:07,169 --> 01:14:05,230
discovered they've discovered more

1513
01:14:10,649 --> 01:14:07,179

evidence of cultural occupation they

1514

01:14:13,720 --> 01:14:10,659

discovered more fragments of tools of

1515

01:14:18,250 --> 01:14:13,730

human occupation that predated Klaus

1516

01:14:22,930 --> 01:14:18,260

this predated Clovis by nearly 40,000

1517

01:14:26,920 --> 01:14:22,940

years now that's not the only site it's

1518

01:14:30,490 --> 01:14:26,930

now showing up evidence of much much

1519

01:14:32,140 --> 01:14:30,500

earlier occupation of North America but

1520

01:14:33,760 --> 01:14:32,150

see this gets us back to your question

1521

01:14:37,120 --> 01:14:33,770

see here's the thing you've got a

1522

01:14:38,470 --> 01:14:37,130

picture laughs around twelve thousand

1523

01:14:40,030 --> 01:14:38,480

nine hundred year Center I'll say

1524

01:14:43,380 --> 01:14:40,040

centered on twelve thousand nine hundred

1525

01:14:46,720 --> 01:14:43,390

years ago there were a series of massive

1526

01:14:48,880 --> 01:14:46,730

earth-shaking convulsions that jerked

1527

01:14:52,870 --> 01:14:48,890

the planet out of the deep freeze of the

1528

01:14:55,390 --> 01:14:52,880

Ice Age and eliminated six or seven

1529

01:14:58,270 --> 01:14:55,400

million cubic miles of glacial ice off

1530

01:15:00,100 --> 01:14:58,280

the continental surfaces melted it

1531

01:15:03,610 --> 01:15:00,110

rapidly returned it into the ocean

1532

01:15:06,460 --> 01:15:03,620

basins causing rapid sea-level rise and

1533

01:15:09,190 --> 01:15:06,470

we still to this day don't really

1534

01:15:11,320 --> 01:15:09,200

understand what happened or what was the

1535

01:15:13,840 --> 01:15:11,330

sequence of events although we're

1536

01:15:15,460 --> 01:15:13,850

getting closer to understanding because

1537

01:15:18,280 --> 01:15:15,470

of things like that black matte layer

1538

01:15:21,010 --> 01:15:18,290

and the mysteries that it reveals but

1539

01:15:23,860 --> 01:15:21,020

the thing is is that here's what you've

1540

01:15:26,500 --> 01:15:23,870

got to understand when this planet

1541

01:15:29,110 --> 01:15:26,510

underwent the series of catastrophes

1542

01:15:31,510 --> 01:15:29,120

that brought the brought it out of the

1543

01:15:35,350 --> 01:15:31,520

Ice Age the epicentre of those

1544

01:15:37,390 --> 01:15:35,360

catastrophes was North America so you

1545

01:15:39,640 --> 01:15:37,400

got to let that sink in North America

1546

01:15:42,400 --> 01:15:39,650

for example lost the greatest percentage

1547

01:15:45,910 --> 01:15:42,410

of megafauna species South America was

1548

01:15:49,630 --> 01:15:45,920

very close behind but you see when you

1549

01:15:51,520 --> 01:15:49,640

say when you think Jimmy when you say

1550

01:15:53,440 --> 01:15:51,530

elephants today what do you think of

1551

01:15:57,090 --> 01:15:53,450

what place on earth do you think of when

1552

01:16:00,760 --> 01:15:57,100

you say elephants I think of Africa

1553

01:16:04,690 --> 01:16:00,770

Africa yes or if you might even think of

1554

01:16:07,750 --> 01:16:04,700

India yes yes if we go back 15,000 years

1555

01:16:09,729 --> 01:16:07,760

ago now all elephants are called the

1556

01:16:11,890 --> 01:16:09,739

scientific term for elephants is proba

1557

01:16:14,950 --> 01:16:11,900

Citians because of their long snow right

1558

01:16:17,610 --> 01:16:14,960

if we go back into the Ice Age there

1559

01:16:21,540 --> 01:16:17,620

were four species of Provos idioms or

1560

01:16:23,920 --> 01:16:21,550

elephants that lived in North America so

1561

01:16:26,080 --> 01:16:23,930

that's very bizarre when you start

1562

01:16:27,339 --> 01:16:26,090

thinking about it you know you had three

1563

01:16:28,990 --> 01:16:27,349

species of man

1564

01:16:31,180 --> 01:16:29,000

she had the woolly mammoth the Colombian

1565

01:16:36,069 --> 01:16:31,190

mammoths and mammoth it's imperatore and

1566

01:16:39,069 --> 01:16:36,079

you had met the mastodons and mammoth

1567

01:16:41,859 --> 01:16:39,079

americana which was the mastodons so all

1568

01:16:44,890 --> 01:16:41,869

four species went totally extinct right

1569

01:16:47,350 --> 01:16:44,900

around the same exact time so if you

1570

01:16:48,520 --> 01:16:47,360

look at the loss of species and bear

1571

01:16:51,490 --> 01:16:48,530

this in mind when you're looking at

1572

01:16:55,300 --> 01:16:51,500

species loss you're basically looking at

1573

01:16:58,149 --> 01:16:55,310

habitat loss if in certainly in the case

1574

01:17:00,939 --> 01:16:58,159

of a let's say for example a large

1575

01:17:02,770 --> 01:17:00,949

volcanic eruption might completely

1576

01:17:05,979 --> 01:17:02,780

devastate everything in the in the

1577

01:17:07,479 --> 01:17:05,989

immediate region and whatever animals

1578

01:17:09,399 --> 01:17:07,489

might live there get completely wiped

1579

01:17:11,830 --> 01:17:09,409

out if it's on an island you may have a

1580

01:17:14,470 --> 01:17:11,840

case where all of the species of that I

1581

01:17:18,310 --> 01:17:14,480

of that animal on that island are

1582

01:17:21,310 --> 01:17:18,320

destroyed right well bear in mind that

1583

01:17:24,430 --> 01:17:21,320

for a species to go extinct you pretty

1584

01:17:27,189 --> 01:17:24,440

much have to you have to kill off every

1585

01:17:30,760 --> 01:17:27,199

single individual of that species think

1586

01:17:32,500 --> 01:17:30,770

about the American bison going back to

1587

01:17:36,790 --> 01:17:32,510

the turn of the century there was only a

1588

01:17:39,310 --> 01:17:36,800

few hundred bison left alive the species

1589

01:17:41,530 --> 01:17:39,320

came as close to extinction as you could

1590

01:17:46,120 --> 01:17:41,540

possibly go without actually becoming

1591

01:17:47,859 --> 01:17:46,130

extinct and then due to the to the you

1592

01:17:50,379 --> 01:17:47,869

know the involvement of some farsighted

1593

01:17:52,060 --> 01:17:50,389

individuals the species was saved it was

1594

01:17:53,890 --> 01:17:52,070

recovered and now of course you can go

1595

01:17:56,800 --> 01:17:53,900

into the supermarket and buy bison

1596

01:17:58,600 --> 01:17:56,810

burger so the species has completely

1597

01:18:01,979 --> 01:17:58,610

come back again not to the numbers that

1598

01:18:04,450 --> 01:18:01,989

it was once was but certainly way beyond

1599

01:18:06,339 --> 01:18:04,460

the threshold of extinction that it

1600

01:18:08,140 --> 01:18:06,349

found itself at you know just over a

1601
01:18:10,240 --> 01:18:08,150
hundred years ago right now here's the

1602
01:18:12,280 --> 01:18:10,250
thing if we were to look back you know

1603
01:18:14,350 --> 01:18:12,290
from a thousand or 2,000 years or

1604
01:18:16,930 --> 01:18:14,360
whatever in the future we might

1605
01:18:18,790 --> 01:18:16,940
completely miss the fact that the

1606
01:18:21,850 --> 01:18:18,800
American bison came within a hair's

1607
01:18:25,000 --> 01:18:21,860
breadth of extinction and unless we

1608
01:18:28,990 --> 01:18:25,010
focused right in on that exact date of

1609
01:18:32,399 --> 01:18:29,000
say late 1800 early 1900 we wouldn't see

1610
01:18:34,660 --> 01:18:32,409
it right so if but if we go back to

1611
01:18:37,689 --> 01:18:34,670
13,000 years ago what we see is that

1612
01:18:39,850 --> 01:18:37,699
half half literally half the great

1613
01:18:42,879 --> 01:18:39,860

megafauna species on earth

1614

01:18:45,700 --> 01:18:42,889

disappeared within a geological eyeblink

1615

01:18:47,500 --> 01:18:45,710

right now here's what to me where the

1616

01:18:51,339 --> 01:18:47,510

whole thing gets silly for many decades

1617

01:18:53,760 --> 01:18:51,349

it was believed that humans human

1618

01:18:56,169 --> 01:18:53,770

hunters were responsible for eliminating

1619

01:18:59,709 --> 01:18:56,179

for a causing the extinction of the

1620

01:19:01,750 --> 01:18:59,719

woolly mammoths right well woolly

1621

01:19:04,299 --> 01:19:01,760

mammoth was one one species of Probus

1622

01:19:06,669 --> 01:19:04,309

ideon but then there were giant ground

1623

01:19:08,649 --> 01:19:06,679

sloths multiple species of giant ground

1624

01:19:11,830 --> 01:19:08,659

sloths there were giant camels there

1625

01:19:13,780 --> 01:19:11,840

were horses there were giant armadillos

1626

01:19:16,450 --> 01:19:13,790

there was the cave bear the giant

1627

01:19:19,510 --> 01:19:16,460

short-faced bear you know the list goes

1628

01:19:21,609 --> 01:19:19,520

on and on and on elk with 12-foot antler

1629

01:19:24,160 --> 01:19:21,619

spans and eight foot shoulder heights

1630

01:19:26,859 --> 01:19:24,170

all of these animals went extinct within

1631

01:19:29,379 --> 01:19:26,869

a very short period of time maybe just a

1632

01:19:31,450 --> 01:19:29,389

few centuries or even less what's

1633

01:19:34,120 --> 01:19:31,460

interesting is most of those extinctions

1634

01:19:36,970 --> 01:19:34,130

occur right up beneath that black matte

1635

01:19:39,879 --> 01:19:36,980

layer so clearly that black matte layer

1636

01:19:43,479 --> 01:19:39,889

signifies something important right

1637

01:19:46,450 --> 01:19:43,489

well back in 2007 Richard Firestone

1638

01:19:48,700 --> 01:19:46,460

Allen West James Kennedy and a another

1639

01:19:51,160 --> 01:19:48,710

group of a scientists I think there's

1640

01:19:53,200 --> 01:19:51,170

about 15 of them published a paper where

1641

01:19:55,540 --> 01:19:53,210

they had gone in and examined the black

1642

01:19:57,370 --> 01:19:55,550

matte layer and what you suppose they

1643

01:19:59,589 --> 01:19:57,380

found what they found was the

1644

01:20:01,120 --> 01:19:59,599

fingerprints of a cosmic event they

1645

01:20:03,419 --> 01:20:01,130

found nano diamonds they found

1646

01:20:07,810 --> 01:20:03,429

microspheres they found magnetic grains

1647

01:20:12,839 --> 01:20:07,820

the and in in the interim since 2007

1648

01:20:15,549 --> 01:20:12,849

since the interceding 11 years multiple

1649

01:20:18,129 --> 01:20:15,559

amounts of other evidence have been have

1650

01:20:20,709 --> 01:20:18,139

been found that confirms overwhelmingly

1651
01:20:24,100 --> 01:20:20,719
that there's something cosmic happened

1652
01:20:25,780 --> 01:20:24,110
now exactly what it was I don't know I

1653
01:20:28,240 --> 01:20:25,790
don't think they know I don't think that

1654
01:20:30,100 --> 01:20:28,250
they're willing to say definitively oh

1655
01:20:32,080 --> 01:20:30,110
it was this or that because there's

1656
01:20:33,970 --> 01:20:32,090
still a lot of mysterious aspects to

1657
01:20:36,520 --> 01:20:33,980
this whole event that happened what we

1658
01:20:38,350 --> 01:20:36,530
bring would well let me I just have to

1659
01:20:42,910 --> 01:20:38,360
ask you can answer quickly what would

1660
01:20:45,760 --> 01:20:42,920
what would add diamonds to that mix lots

1661
01:20:47,109 --> 01:20:45,770
of heat and pressure tremendous but let

1662
01:20:49,990 --> 01:20:47,119
me tell you where where you find nano

1663
01:20:53,290 --> 01:20:50,000

diamonds you find them in nature in two

1664

01:20:55,660 --> 01:20:53,300

places you find them in meteorites

1665

01:20:59,260 --> 01:20:55,670

and you find them in confirmed in

1666

01:21:02,590 --> 01:20:59,270

embedded in Iraq in confirmed meteorite

1667

01:21:04,780 --> 01:21:02,600

or asteroid impact craters right

1668

01:21:07,570 --> 01:21:04,790

the other place where nano diamonds have

1669

01:21:08,710 --> 01:21:07,580

been found is in the testing sites of

1670

01:21:11,200 --> 01:21:08,720

nuclear weapons

1671

01:21:13,150 --> 01:21:11,210

hmm under the heat and pressure of a

1672

01:21:16,330 --> 01:21:13,160

nuclear weapon explosion like one

1673

01:21:17,830 --> 01:21:16,340

Megaton bomb exploding will create

1674

01:21:20,470 --> 01:21:17,840

enough heat and pressure that it

1675

01:21:23,140 --> 01:21:20,480

produces billions of these very tiny

1676

01:21:25,510 --> 01:21:23,150

nano diamonds it only show up under like

1677

01:21:28,540 --> 01:21:25,520

with electron microscopy but they're

1678

01:21:30,340 --> 01:21:28,550

extremely small and so those were the

1679

01:21:32,920 --> 01:21:30,350

three places that nano diamonds were

1680

01:21:34,540 --> 01:21:32,930

known to have come from right so now

1681

01:21:36,850 --> 01:21:34,550

what happens they find a layer of nano

1682

01:21:39,690 --> 01:21:36,860

diamonds at the base of the black mat

1683

01:21:43,390 --> 01:21:39,700

layer so what does that mean well it

1684

01:21:46,090 --> 01:21:43,400

obviously means some kind of some kind

1685

01:21:48,790 --> 01:21:46,100

of an event that involved tremendously

1686

01:21:54,900 --> 01:21:48,800

tremendous pressure now I have to say

1687

01:21:58,090 --> 01:21:54,910

that this idea was was attacked

1688

01:22:01,180 --> 01:21:58,100

vociferously by by a group of critics

1689

01:22:03,910 --> 01:22:01,190

that appointed themselves I would think

1690

01:22:06,250 --> 01:22:03,920

as inquisitors to suppress this heresy

1691

01:22:09,090 --> 01:22:06,260

that had come along that now potentially

1692

01:22:11,320 --> 01:22:09,100

would overturn the idea that humans were

1693

01:22:14,200 --> 01:22:11,330

responsible for the mass extinction

1694

01:22:20,350 --> 01:22:14,210

because many of the proponents or the

1695

01:22:23,080 --> 01:22:20,360

the the most severe critics of a cosmic

1696

01:22:25,660 --> 01:22:23,090

event were proponents of the human

1697

01:22:28,060 --> 01:22:25,670

caused a human cause permit the mass

1698

01:22:29,770 --> 01:22:28,070

extinction so they have been the ones

1699

01:22:32,170 --> 01:22:29,780

who have been primarily in the forefront

1700

01:22:35,290 --> 01:22:32,180

of attacking it but what has happened is

1701

01:22:37,450 --> 01:22:35,300

the original group of 15 has grown to be

1702

01:22:40,330 --> 01:22:37,460

over 50 scientists internationally now

1703

01:22:43,180 --> 01:22:40,340

many of them who came originally as

1704

01:22:45,400 --> 01:22:43,190

critics themselves but began to look at

1705

01:22:48,040 --> 01:22:45,410

the evidence and became converts and

1706

01:22:49,960 --> 01:22:48,050

said yes the evidence is here we see the

1707

01:22:53,560 --> 01:22:49,970

nano diamonds you know we've seen the

1708

01:22:55,960 --> 01:22:53,570

micro spiroes we've now found an iridium

1709

01:22:57,910 --> 01:22:55,970

spike we found a platinum spike right at

1710

01:23:00,220 --> 01:22:57,920

twelve thousand nine hundred in the

1711

01:23:02,620 --> 01:23:00,230

Greenland ice sheet now how do you get

1712

01:23:04,450 --> 01:23:02,630

all that platinum there is a really

1713

01:23:06,439 --> 01:23:04,460

interesting question but again platinum

1714

01:23:09,680 --> 01:23:06,449

is one of the platinum group metal

1715

01:23:12,979 --> 01:23:09,690

along with iridium and and others

1716

01:23:17,000 --> 01:23:12,989

ruthenium and others that basically is

1717

01:23:20,390 --> 01:23:17,010

delivered to earth via a cosmic source

1718

01:23:23,060 --> 01:23:20,400

such as comets or asteroids so clearly

1719

01:23:24,949 --> 01:23:23,070

the signature of something is there but

1720

01:23:26,600 --> 01:23:24,959

what it is it's like I said at this

1721

01:23:29,719 --> 01:23:26,610

point is still unclear because there's

1722

01:23:31,339 --> 01:23:29,729

many dimensions to it and the whole I'll

1723

01:23:33,259 --> 01:23:31,349

tell you Jimmy the whole phenomena is

1724

01:23:36,109 --> 01:23:33,269

really bizarre and it's going to take a

1725

01:23:38,989 --> 01:23:36,119

while I think to really come to grips

1726

01:23:40,310 --> 01:23:38,999

with what really happened but it clearly

1727

01:23:42,319 --> 01:23:40,320

involved some kind of interaction

1728

01:23:44,600 --> 01:23:42,329

between the earth and the cosmos of that

1729

01:23:47,299 --> 01:23:44,610

there can be no doubt the epicenter of

1730

01:23:50,479 --> 01:23:47,309

this of this catastrophe was North

1731

01:23:52,459 --> 01:23:50,489

America so basically what the evidence

1732

01:23:55,729 --> 01:23:52,469

of the rapid disappearance of the Clovis

1733

01:23:57,859 --> 01:23:55,739

culture would suggest is that whatever

1734

01:24:01,100 --> 01:23:57,869

was happening here culturally was pretty

1735

01:24:05,569 --> 01:24:01,110

much erased and so the next 10,000 years

1736

01:24:10,250 --> 01:24:05,579

was basically surviving populations of

1737

01:24:14,239 --> 01:24:10,260

animals and societies recolonizing the

1738

01:24:16,850 --> 01:24:14,249

earth which had been basically wiped out

1739

01:24:19,819 --> 01:24:16,860

on many fronts North and South America

1740

01:24:21,709 --> 01:24:19,829

were the most severely affected North

1741

01:24:23,989 --> 01:24:21,719

America lost about three-quarters of its

1742

01:24:27,500 --> 01:24:23,999

megafauna species and South America was

1743

01:24:30,279 --> 01:24:27,510

was very close behind Eurasia lost about

1744

01:24:34,370 --> 01:24:30,289

one-third of its megafauna species

1745

01:24:38,180 --> 01:24:34,380

Africa only lost about 10% so Africa

1746

01:24:40,790 --> 01:24:38,190

apparently was in a zone that was not

1747

01:24:43,669 --> 01:24:40,800

severely affected as other areas because

1748

01:24:46,879 --> 01:24:43,679

most of the large animals in Africa

1749

01:24:48,979 --> 01:24:46,889

today are Pleistocene mammals so they

1750

01:24:51,080 --> 01:24:48,989

existed back during the Ice Age but

1751
01:24:54,379 --> 01:24:51,090
whereas North America and South America

1752
01:24:57,649 --> 01:24:54,389
lost their mega mammals or most of them

1753
01:25:00,199 --> 01:24:57,659
Africa preserved most events so I think

1754
01:25:02,959 --> 01:25:00,209
that clearly implies that Africa at

1755
01:25:06,399 --> 01:25:02,969
least sections of Africa were a safe

1756
01:25:08,750 --> 01:25:06,409
haven of sorts now when you look at

1757
01:25:10,520 --> 01:25:08,760
megafauna species like what you see it

1758
01:25:13,009 --> 01:25:10,530
happening at the end of the last ice age

1759
01:25:15,500 --> 01:25:13,019
you basically see the top of the food

1760
01:25:17,660 --> 01:25:15,510
chain being decapitated right

1761
01:25:19,580 --> 01:25:17,670
it's the largest animals that are the

1762
01:25:23,000 --> 01:25:19,590
motion dramatically affected by

1763
01:25:25,160 --> 01:25:23,010

these changes and that makes sense when

1764

01:25:27,140 --> 01:25:25,170

you think about the fact that a large

1765

01:25:30,229 --> 01:25:27,150

animal requires a whole lot more food

1766

01:25:31,879 --> 01:25:30,239

you know if you got an elephant that

1767

01:25:34,189 --> 01:25:31,889

weighs five or six tons they need a

1768

01:25:35,660 --> 01:25:34,199

whole lot more food than a rabbit

1769

01:25:39,709 --> 01:25:35,670

obviously right

1770

01:25:42,410 --> 01:25:39,719

so if you and they also have longer

1771

01:25:44,180 --> 01:25:42,420

times that they're young is dependant

1772

01:25:46,550 --> 01:25:44,190

before the young is old enough to

1773

01:25:48,560 --> 01:25:46,560

survive on its own right they also have

1774

01:25:51,410 --> 01:25:48,570

longer gestation times and longer

1775

01:25:53,959 --> 01:25:51,420

turnover times between generations so

1776

01:25:57,500 --> 01:25:53,969

all of those factors are going to be

1777

01:25:59,629 --> 01:25:57,510

affected by habitat loss if something

1778

01:26:03,500 --> 01:25:59,639

disrupts the food supply if there's a

1779

01:26:05,510 --> 01:26:03,510

severe climate change that decimates

1780

01:26:08,089 --> 01:26:05,520

forest species you know mastodons were

1781

01:26:10,370 --> 01:26:08,099

browsers they like to browse on trees

1782

01:26:13,010 --> 01:26:10,380

and forests well the forests in the

1783

01:26:15,500 --> 01:26:13,020

south southeastern United States that

1784

01:26:17,510 --> 01:26:15,510

they were browsing on 15,000 years ago

1785

01:26:20,330 --> 01:26:17,520

are the kind of forests that you now

1786

01:26:22,520 --> 01:26:20,340

find in southern Canada boreal forests

1787

01:26:24,910 --> 01:26:22,530

northern forests for is consisting of

1788

01:26:28,550 --> 01:26:24,920

spruce trees large trees alder trees

1789

01:26:30,080 --> 01:26:28,560

that don't exist in the South now but

1790

01:26:32,620 --> 01:26:30,090

you had a species that was adopted

1791

01:26:35,930 --> 01:26:32,630

adapted to eating that kind of

1792

01:26:37,459 --> 01:26:35,940

particular food and then suddenly those

1793

01:26:42,140 --> 01:26:37,469

forests get completely and utterly

1794

01:26:43,850 --> 01:26:42,150

decimated which appears did happen they

1795

01:26:46,580 --> 01:26:43,860

would starve to death and only a million

1796

01:26:49,550 --> 01:26:46,590

millennium or two later did we see that

1797

01:26:50,959 --> 01:26:49,560

the kind of the pine dominated for us

1798

01:26:53,600 --> 01:26:50,969

that we now see in the southeast

1799

01:26:55,370 --> 01:26:53,610

beginning to show up under a completely

1800

01:26:58,189 --> 01:26:55,380

different kind of an ecosystem that

1801
01:27:01,430 --> 01:26:58,199
emerged in the aftermath of the Ice Age

1802
01:27:04,250 --> 01:27:01,440
we've got about two minutes so give me

1803
01:27:07,459 --> 01:27:04,260
the quick answer here if you were a

1804
01:27:08,770 --> 01:27:07,469
betting man what do you think that it

1805
01:27:13,570 --> 01:27:08,780
was I understand you're suggesting

1806
01:27:18,020 --> 01:27:13,580
Kosmic but I mean what would and and

1807
01:27:20,810 --> 01:27:18,030
what else could have caused it a it's a

1808
01:27:23,930 --> 01:27:20,820
it's a fascinating thing what could it

1809
01:27:27,050 --> 01:27:23,940
have been it's too big of an event right

1810
01:27:29,899 --> 01:27:27,060
it's not small whatever it is and it and

1811
01:27:32,450 --> 01:27:29,909
it was it was global too as well right

1812
01:27:32,730 --> 01:27:32,460
Randall oh yeah there was I don't think

1813
01:27:34,380 --> 01:27:32,740

it

1814

01:27:36,810 --> 01:27:34,390

any place on the globe that wasn't

1815

01:27:39,660 --> 01:27:36,820

affected to one extent or another right

1816

01:27:41,670 --> 01:27:39,670

right obviously just see sea level rise

1817

01:27:43,500 --> 01:27:41,680

alone was global so no matter where you

1818

01:27:46,500 --> 01:27:43,510

lived on the earth if you were on some

1819

01:27:49,860 --> 01:27:46,510

coastline you were rapidly displaced by

1820

01:27:52,340 --> 01:27:49,870

rapid sea level rise but you have to

1821

01:27:55,170 --> 01:27:52,350

understand it was I think it was like

1822

01:27:58,140 --> 01:27:55,180

the end of the Ice Age was a drama in

1823

01:28:00,090 --> 01:27:58,150

three acts acts number one was at about

1824

01:28:03,630 --> 01:28:00,100

fourteen thousand six hundred years ago

1825

01:28:05,790 --> 01:28:03,640

and this was the first huge melting of

1826

01:28:08,400 --> 01:28:05,800

the ice sheet and then that was followed

1827

01:28:09,810 --> 01:28:08,410

by a more orderly returned you know like

1828

01:28:11,940 --> 01:28:09,820

I was describing earlier with the

1829

01:28:13,710 --> 01:28:11,950

warming climate and then that got

1830

01:28:15,990 --> 01:28:13,720

interrupted at about twelve thousand

1831

01:28:18,330 --> 01:28:16,000

nine hundred with the onset of the

1832

01:28:21,420 --> 01:28:18,340

Younger Dryas and all of the attendant

1833

01:28:23,220 --> 01:28:21,430

phenomena associated with that the

1834

01:28:25,260 --> 01:28:23,230

younger driest lasted about thirteen

1835

01:28:27,950 --> 01:28:25,270

hundred years and ended about eleven

1836

01:28:31,140 --> 01:28:27,960

thousand six hundred there was a second

1837

01:28:33,090 --> 01:28:31,150

giant meltwater spike introduced into

1838

01:28:36,840 --> 01:28:33,100

the ocean and it was the second

1839

01:28:39,900 --> 01:28:36,850

meltwater spike at eleven six that's

1840

01:28:41,640 --> 01:28:39,910

called meltwater pulse one B that

1841

01:28:43,950 --> 01:28:41,650

essentially marked the end of the Ice

1842

01:28:46,550 --> 01:28:43,960

Age March the end of the two and a half

1843

01:28:49,800 --> 01:28:46,560

million year Pleistocene epoch in the

1844

01:28:52,320 --> 01:28:49,810

beginning of the modern geologic epoch

1845

01:28:56,010 --> 01:28:52,330

which is called the Holocene right so

1846

01:28:58,770 --> 01:28:56,020

again the the termination of the former

1847

01:29:00,990 --> 01:28:58,780

world was a drama in three acts now

1848

01:29:03,090 --> 01:29:01,000

what's it the same trigger each one I

1849

01:29:06,270 --> 01:29:03,100

don't think necessarily that it was I

1850

01:29:08,820 --> 01:29:06,280

think that clearly the 12,900 event was

1851

01:29:11,880 --> 01:29:08,830

probably the encounter between Earth and

1852

01:29:15,750 --> 01:29:11,890

a large disintegrating comet that would

1853

01:29:19,560 --> 01:29:15,760

be my primary candidate to satisfy most

1854

01:29:22,320 --> 01:29:19,570

of the evidence that we find there what

1855

01:29:25,110 --> 01:29:22,330

though happened at 11600 what happened

1856

01:29:27,060 --> 01:29:25,120

at 14,600 I don't know you know I I

1857

01:29:28,530 --> 01:29:27,070

might go along with Robert Schoch on

1858

01:29:30,990 --> 01:29:28,540

that that we could be looking at

1859

01:29:33,030 --> 01:29:31,000

something involving the Sun let's take

1860

01:29:34,530 --> 01:29:33,040

we're not convinced right yeah that

1861

01:29:36,240 --> 01:29:34,540

would be a good point to take a break

1862

01:29:38,400 --> 01:29:36,250

yeah let's take a break right there and

1863

01:29:41,370 --> 01:29:38,410

we'll pick up where we are leaving off

1864

01:29:44,100 --> 01:29:41,380

our guest tonight Randall Carlson that's

1865

01:29:45,450 --> 01:29:44,110

right it's the conversation right here

1866

01:29:46,890 --> 01:29:45,460

on fade to black

1867

01:29:48,450 --> 01:29:46,900

I'm your host Jimmy Church we'll be

1868

01:29:52,040 --> 01:29:48,460

right back after this short break stay

1869

01:30:07,820 --> 01:29:58,000

[Music]

1870

01:30:15,300 --> 01:30:11,030

way out here we listen to Jimmy Church

1871

01:30:17,340 --> 01:30:15,310

you're listening to fade to black always

1872

01:30:19,890 --> 01:30:17,350

on the edge of the hottest alternative

1873

01:30:39,450 --> 01:30:19,900

talk jimmy church with fade to black

1874

01:30:43,170 --> 01:30:39,460

stay gra radio.com hurricanes

1875

01:30:44,910 --> 01:30:43,180

earthquakes wildfires this year we've

1876

01:30:47,310 --> 01:30:44,920

experienced more than our fair share

1877

01:30:50,190 --> 01:30:47,320

this is Jimmy Church of fade to black

1878

01:30:52,410 --> 01:30:50,200

and last month I decided to make sure my

1879

01:30:55,050 --> 01:30:52,420

family does not have to worry about food

1880

01:30:58,290 --> 01:30:55,060

should we get caught in a real emergency

1881

01:31:00,180 --> 01:30:58,300

situation introducing Humana a healthy

1882

01:31:02,010 --> 01:31:00,190

storable product that tastes so good

1883

01:31:03,780 --> 01:31:02,020

that you'll want to eat it every day

1884

01:31:06,540 --> 01:31:03,790

instead of just during those times of

1885

01:31:09,960 --> 01:31:06,550

duress all new manna products have a 25

1886

01:31:12,360 --> 01:31:09,970

year shelf life our msg and GMO free no

1887

01:31:14,490 --> 01:31:12,370

preservatives and are made in America

1888

01:31:16,560 --> 01:31:14,500

with the new manna pack in your home

1889

01:31:19,110 --> 01:31:16,570

you'll be able to sleep at night knowing

1890

01:31:22,260 --> 01:31:19,120

that you protected your family not only

1891

01:31:24,630 --> 01:31:22,270

have I tasted and tested I own it now

1892

01:31:26,970 --> 01:31:24,640

you can too just click on the new manna

1893

01:31:29,010 --> 01:31:26,980

banner on Jimmy Church radio.com and use

1894

01:31:31,410 --> 01:31:29,020

the promo code Jimmy when you order in

1895

01:31:32,070 --> 01:31:31,420

addition to a discount we'll send you an

1896

01:31:35,580 --> 01:31:32,080

autograph

1897

01:31:38,820 --> 01:31:35,590

fade to black t-shirt seriously gobekli

1898

01:31:40,830 --> 01:31:38,830

tepe do you want to be an official fade

1899

01:31:42,510 --> 01:31:40,840

or not of course you do

1900

01:31:45,090 --> 01:31:42,520

this is Jimmy Church of fade to black

1901

01:31:49,740 --> 01:31:45,100

just go to our membership section at

1902

01:31:52,220 --> 01:31:49,750

Jimmy Church radio.com so you love talk

1903

01:31:55,460 --> 01:31:52,230

radio then you'll love talk stream

1904

01:31:58,200 --> 01:31:55,470

live.com talk stream live is always on

1905

01:32:00,480 --> 01:31:58,210

24/7 with the best streaming talk shows

1906

01:32:02,490 --> 01:32:00,490

find your favorite talkers and discover

1907

01:32:05,070 --> 01:32:02,500

some new ones it's free readily

1908

01:32:06,390 --> 01:32:05,080

available online or on mobile with any

1909

01:32:08,430 --> 01:32:06,400

smartphone or tablet

1910

01:32:10,500 --> 01:32:08,440

finding your favorite talk shows all in

1911

01:32:13,530 --> 01:32:10,510

one place has gotten a whole lot easier

1912

01:32:15,330 --> 01:32:13,540

just go to talk stream live doc

1913

01:32:19,370 --> 01:32:15,340

be sure to download the free apps from

1914

01:32:23,399 --> 01:32:19,380

Google Play or the iTunes App Store you

1915

01:32:24,680 --> 01:32:23,409

listen to us and we listen to you and so

1916

01:32:27,530 --> 01:32:24,690

does the CIA

1917

01:32:31,560 --> 01:32:27,540

[Music]

1918

01:32:33,450 --> 01:32:31,570

kgf a radio.com if you have hard water

1919

01:32:35,339 --> 01:32:33,460

the lime scale not only leaves white

1920

01:32:37,500 --> 01:32:35,349

spots at clogs pipes and breaks down

1921

01:32:39,600 --> 01:32:37,510

appliances costing you hundreds of

1922

01:32:41,490 --> 01:32:39,610

dollars in energy and where eliminate

1923

01:32:43,649 --> 01:32:41,500

limescale and other water issues like

1924

01:32:45,720 --> 01:32:43,659

brown staining and bad odors with hydro

1925

01:32:47,850 --> 01:32:45,730

care water products available from wave

1926
01:32:49,859 --> 01:32:47,860
home solutions waves affordable water

1927
01:32:51,810 --> 01:32:49,869
systems don't use salts or chemicals

1928
01:32:54,120 --> 01:32:51,820
you'll love the way your water tastes

1929
01:32:56,490 --> 01:32:54,130
smells and looks satisfaction guaranteed

1930
01:33:00,899 --> 01:32:56,500
for more information go to best water 1

1931
01:33:03,270 --> 01:33:00,909
2 3 com that's best water 1 2 3 com are

1932
01:33:05,910 --> 01:33:03,280
you intrigued by paranormal talk radio

1933
01:33:09,120 --> 01:33:05,920
you love the new paranormal radio app

1934
01:33:11,040 --> 01:33:09,130
from talk stream live you'll find a

1935
01:33:14,430 --> 01:33:11,050
great selection of talk shows covering

1936
01:33:16,830 --> 01:33:14,440
UFOs ghosts strange phenomena and much

1937
01:33:19,080 --> 01:33:16,840
more download the paranormal radio app

1938
01:33:20,939 --> 01:33:19,090

now and start listening to the very best

1939

01:33:22,830 --> 01:33:20,949

in paranormal talk entertainment

1940

01:33:25,200 --> 01:33:22,840

including the network you're listening

1941

01:33:28,410 --> 01:33:25,210

to right now the paranormal radio app

1942

01:33:33,180 --> 01:33:28,420

free in Google Play and the iOS App

1943

01:33:35,459 --> 01:33:33,190

Store you are listening to fade to black

1944

01:33:40,260 --> 01:33:35,469

with Jimmy Church on the game changer

1945

01:33:42,330 --> 01:33:40,270

Network hi I'm Lisa Vance you're

1946

01:33:45,270 --> 01:33:42,340

listening to Jimmy Church this is a

1947

01:33:49,129 --> 01:33:45,280

revolution the revolution will not be

1948

01:33:54,050 --> 01:33:49,139

televised the revolution is on radio

1949

01:34:31,740 --> 01:34:29,130

[Music]

1950

01:34:34,210 --> 01:34:31,750

[Applause]

1951

01:34:35,770 --> 01:34:34,220

all right welcome back fade to black

1952

01:34:37,810 --> 01:34:35,780

I'm your host Tim a church our guest

1953

01:34:41,200 --> 01:34:37,820

tonight Randall Carlson tomorrow night

1954

01:34:45,640 --> 01:34:41,210

is a tonight open lines all night long

1955

01:34:48,910 --> 01:34:45,650

premiering with Teresa and Aris Devine

1956

01:34:50,860 --> 01:34:48,920

frequency on the airwaves let's pick up

1957

01:34:55,210 --> 01:34:50,870

where we left off Randall because he

1958

01:34:56,830 --> 01:34:55,220

brought up Robert Schoch and his

1959

01:35:01,000 --> 01:34:56,840

suggestion that it could have been

1960

01:35:04,390 --> 01:35:01,010

something possibly from the Sun and and

1961

01:35:06,040 --> 01:35:04,400

I anything is possible right but there's

1962

01:35:08,560 --> 01:35:06,050

something else here and you brought it

1963

01:35:12,010 --> 01:35:08,570

up earlier it's that magic number that

1964

01:35:15,040 --> 01:35:12,020

keeps popping up which not only is that

1965

01:35:18,460 --> 01:35:15,050

year you know 10,500 BC and what has

1966

01:35:21,430 --> 01:35:18,470

been presented with the Giza Plateau and

1967

01:35:23,560 --> 01:35:21,440

shock and John Anthony's was there great

1968

01:35:25,270 --> 01:35:23,570

work but then you have other things too

1969

01:35:30,850 --> 01:35:25,280

as well gobekli tepe you have the

1970

01:35:33,250 --> 01:35:30,860

alignments of the the stars and now we

1971

01:35:36,070 --> 01:35:33,260

have these events over here in North

1972

01:35:38,080 --> 01:35:36,080

America this date is significant around

1973

01:35:42,250 --> 01:35:38,090

this planet what do you think is going

1974

01:35:44,140 --> 01:35:42,260

on well you know if you go back and

1975

01:35:45,700 --> 01:35:44,150

reread a grain Hancock's book

1976

01:35:49,210 --> 01:35:45,710

fingerprints of the Gods he points this

1977

01:35:51,310 --> 01:35:49,220

date out maybe he talked by a few

1978

01:35:55,000 --> 01:35:51,320

hundred years which you know the

1979

01:35:56,860 --> 01:35:55,010

evidence that was available in mid 1990s

1980

01:35:58,570 --> 01:35:56,870

you know you probably couldn't get it

1981

01:36:01,390 --> 01:35:58,580

greater resolution and that I think

1982

01:36:03,760 --> 01:36:01,400

whether he put it in 12 five or 12 nine

1983

01:36:06,660 --> 01:36:03,770

it really doesn't matter but he

1984

01:36:09,580 --> 01:36:06,670

basically interpreted a lot of the

1985

01:36:12,340 --> 01:36:09,590

ancient systems that we've inherited

1986

01:36:14,050 --> 01:36:12,350

some of the Egyptian stuff particularly

1987

01:36:18,610 --> 01:36:14,060

like the alignment of the Sphinx with

1988

01:36:20,080 --> 01:36:18,620

the looking at the horizon I would

1989

01:36:23,170 --> 01:36:20,090

recommend for people to go back and

1990

01:36:27,280 --> 01:36:23,180

reread that book because basically 10

1991

01:36:30,790 --> 01:36:27,290

points that date because of his reading

1992

01:36:33,790 --> 01:36:30,800

of the ancient archives of information

1993

01:36:38,230 --> 01:36:33,800

and that was you know like basically 21

1994

01:36:40,180 --> 01:36:38,240

23 22 23 years ago so at the time he

1995

01:36:42,570 --> 01:36:40,190

wasn't quite sure what to what attribute

1996

01:36:44,470 --> 01:36:42,580

that catastrophe but he definitely

1997

01:36:47,020 --> 01:36:44,480

believed that it was pointing

1998

01:36:49,150 --> 01:36:47,030

some great catastrophe that happened and

1999

01:36:51,370 --> 01:36:49,160

he got a lot of flack for that from

2000

01:36:52,690 --> 01:36:51,380

people you know in the professional

2001

01:36:55,600 --> 01:36:52,700

community in the scientific community

2002

01:36:57,250 --> 01:36:55,610

who had basically given no thought to it

2003

01:36:59,620 --> 01:36:57,260

really didn't know anything about it but

2004

01:37:02,380 --> 01:36:59,630

we're just operating primarily under

2005

01:37:04,810 --> 01:37:02,390

assumptions of how things happen how

2006

01:37:07,180 --> 01:37:04,820

things change that were left over

2007

01:37:10,210 --> 01:37:07,190

essentially really from the late 19th

2008

01:37:12,700 --> 01:37:10,220

century which formed the the dogma of

2009

01:37:15,010 --> 01:37:12,710

all earth science studies through most

2010

01:37:17,740 --> 01:37:15,020

of the 20th century which was this

2011

01:37:20,290 --> 01:37:17,750

strict gradualism that we could account

2012

01:37:25,030 --> 01:37:20,300

for everything that we see in the world

2013

01:37:27,580 --> 01:37:25,040

today by invoking one grain of sand and

2014

01:37:30,070 --> 01:37:27,590

one drop of water at a time and given

2015

01:37:33,070 --> 01:37:30,080

enough hundreds of millions of years we

2016

01:37:35,290 --> 01:37:33,080

could accomplish anything well that's

2017

01:37:37,930 --> 01:37:35,300

the paradigm that dominated our thinking

2018

01:37:39,790 --> 01:37:37,940

of earth change for most of the 20th

2019

01:37:42,310 --> 01:37:39,800

century and of course that now has been

2020

01:37:44,890 --> 01:37:42,320

completely overturned it still has its

2021

01:37:46,900 --> 01:37:44,900

defenders who want to who don't

2022

01:37:50,500 --> 01:37:46,910

basically I think are intellectually

2023

01:37:52,960 --> 01:37:50,510

afraid to acknowledge the implications

2024

01:37:55,420 --> 01:37:52,970

of catastrophism what that might mean

2025

01:37:58,330 --> 01:37:55,430

for life history what that might mean

2026

01:38:01,660 --> 01:37:58,340

for the history of civilization on this

2027

01:38:04,240 --> 01:38:01,670

planet but definitely Graham was ahead

2028

01:38:06,930 --> 01:38:04,250

of his time with that and you know now

2029

01:38:10,210 --> 01:38:06,940

what brought him back onboard with this

2030

01:38:12,550 --> 01:38:10,220

you know an active engagement was the

2031

01:38:15,550 --> 01:38:12,560

work of Firestone West Kennet and others

2032

01:38:17,650 --> 01:38:15,560

that came out in 2007 that were

2033

01:38:18,670 --> 01:38:17,660

essentially saying yeah we now have

2034

01:38:21,760 --> 01:38:18,680

evidence that there was something

2035

01:38:23,710 --> 01:38:21,770

perhaps a cosmic comet or an asteroid

2036

01:38:27,130 --> 01:38:23,720

impact that occurred right on this date

2037

01:38:29,229 --> 01:38:27,140

which you know he had identified over 20

2038

01:38:31,570 --> 01:38:29,239

years before and I might say that I

2039

01:38:33,310 --> 01:38:31,580

myself did I gave a series of lectures

2040

01:38:36,250 --> 01:38:33,320

at Warren Wilson College in North

2041

01:38:37,990 --> 01:38:36,260

Carolina in 1996 right described the

2042

01:38:40,270 --> 01:38:38,000

same date and this was before I had read

2043

01:38:42,490 --> 01:38:40,280

fingerprints of the gods also so I had

2044

01:38:45,400 --> 01:38:42,500

come upon the same date independently of

2045

01:38:49,420 --> 01:38:45,410

Graham and had concluded that all of

2046

01:38:52,870 --> 01:38:49,430

this ancient evidence and knowledge was

2047

01:38:55,440 --> 01:38:52,880

pointing to that date at 12,900 and this

2048

01:38:58,330 --> 01:38:55,450

you know came a lot of this came from

2049

01:39:02,550 --> 01:38:58,340

reading works like Mirchi a Ilya

2050

01:39:05,140 --> 01:39:02,560

the hamlets mill which basically was

2051
01:39:07,740 --> 01:39:05,150
showing how the concept that the great

2052
01:39:11,020 --> 01:39:07,750
year was one of the most fundamental

2053
01:39:14,310 --> 01:39:11,030
models of reality of the ancient world

2054
01:39:17,169 --> 01:39:14,320
and how this particular model of reality

2055
01:39:20,379 --> 01:39:17,179
came down to us and essentially it's

2056
01:39:22,839 --> 01:39:20,389
based upon the progression of the vernal

2057
01:39:26,470 --> 01:39:22,849
equinox through the constellations of

2058
01:39:28,839 --> 01:39:26,480
the stars and the idea that that the

2059
01:39:31,810 --> 01:39:28,849
ancient cultures utilize the backdrop of

2060
01:39:35,020 --> 01:39:31,820
the fixed stars to superimpose or

2061
01:39:37,770 --> 01:39:35,030
juxtapose this knowledge of these great

2062
01:39:40,120 --> 01:39:37,780
temporal changes to the planet because

2063
01:39:44,080 --> 01:39:40,130

unlike anything that happens down here

2064

01:39:46,540 --> 01:39:44,090

below the changes you know anybody today

2065

01:39:49,030 --> 01:39:46,550

something transported back three or four

2066

01:39:51,760 --> 01:39:49,040

thousand five thousand years ago would

2067

01:39:54,490 --> 01:39:51,770

recognize basically the same sky as we

2068

01:39:56,740 --> 01:39:54,500

see today some subtle differences but

2069

01:40:00,040 --> 01:39:56,750

you would still recognize the Big Dipper

2070

01:40:02,140 --> 01:40:00,050

you would still recognize a Ryan etc now

2071

01:40:04,000 --> 01:40:02,150

the North Star wouldn't be as aligned

2072

01:40:06,370 --> 01:40:04,010

with the North Pole as it is but that's

2073

01:40:09,250 --> 01:40:06,380

because of that precessional motion of

2074

01:40:11,950 --> 01:40:09,260

the Earth's axis right but so it was in

2075

01:40:16,270 --> 01:40:11,960

Hamlet's mill it came out 1969 that the

2076

01:40:19,330 --> 01:40:16,280

author's connected this idea of the

2077

01:40:21,700 --> 01:40:19,340

changing cycles of world ages with with

2078

01:40:25,000 --> 01:40:21,710

the rising the catastrophic rise and

2079

01:40:28,330 --> 01:40:25,010

fall of these great planetary changes

2080

01:40:30,100 --> 01:40:28,340

and they perhaps interpreted it more in

2081

01:40:31,959 --> 01:40:30,110

figurative terms rather than literal

2082

01:40:34,330 --> 01:40:31,969

terms but they certainly laid the

2083

01:40:37,419 --> 01:40:34,340

groundwork for making this correlation

2084

01:40:39,550 --> 01:40:37,429

between this ancient model which is

2085

01:40:42,129 --> 01:40:39,560

which is basically the wheel of the

2086

01:40:44,020 --> 01:40:42,139

zodiac and the motion of the vernal

2087

01:40:46,930 --> 01:40:44,030

equinox through the twelve

2088

01:40:50,229 --> 01:40:46,940

constellations that form the zodiacal

2089

01:40:54,280 --> 01:40:50,239

wheel and what happens during the each

2090

01:40:58,359 --> 01:40:54,290

of those of that transiting equinox deal

2091

01:41:01,390 --> 01:40:58,369

alignment and so because of that what

2092

01:41:03,820 --> 01:41:01,400

seems like grant was pointing out that

2093

01:41:06,040 --> 01:41:03,830

it seemed like they kept emphasizing the

2094

01:41:08,919 --> 01:41:06,050

cusps of Leo the cusps of Leo

2095

01:41:11,670 --> 01:41:08,929

well the vernal equinox transcended out

2096

01:41:14,460 --> 01:41:11,680

of the constellation of Virgo

2097

01:41:16,110 --> 01:41:14,470

into the constellation of Leo right at

2098

01:41:20,730 --> 01:41:16,120

twelve thousand nine hundred years ago

2099

01:41:23,430 --> 01:41:20,740

so the Sphinx you know which in Egypt

2100

01:41:25,610 --> 01:41:23,440

has many symbolic connotations but I

2101

01:41:30,180 --> 01:41:25,620

think one of the most important is this

2102

01:41:32,580 --> 01:41:30,190

correlation of human and lion and if you

2103

01:41:36,900 --> 01:41:32,590

look at the athlete the axis of the

2104

01:41:39,330 --> 01:41:36,910

equinoctial axis it is now in the same

2105

01:41:42,330 --> 01:41:39,340

alignment that it was thirteen thousand

2106

01:41:44,340 --> 01:41:42,340

years ago except reversed so in other

2107

01:41:47,000 --> 01:41:44,350

words thirteen thousand years ago

2108

01:41:49,350 --> 01:41:47,010

the vernal equinox was moving out of

2109

01:41:52,050 --> 01:41:49,360

Virgo into leo

2110

01:41:55,110 --> 01:41:52,060

whereas now the vernal equinox is moving

2111

01:41:58,050 --> 01:41:55,120

out of Pisces into Aquarius so Aquarius

2112

01:42:01,020 --> 01:41:58,060

and Leo the sign of the man and the sign

2113

01:42:03,930 --> 01:42:01,030

of the lion stand on opposite sides of

2114

01:42:06,090 --> 01:42:03,940

the zodiac to each other so basically

2115

01:42:11,040 --> 01:42:06,100

what we're seeing is one half cycle of

2116

01:42:13,650 --> 01:42:11,050

the so-called Great year which enhances

2117

01:42:16,320 --> 01:42:13,660

of Hamlet's Mill correlated with this

2118

01:42:19,620 --> 01:42:16,330

processional cycle which takes right

2119

01:42:22,290 --> 01:42:19,630

around 26,000 years or to use the

2120

01:42:25,050 --> 01:42:22,300

traditional number twenty five thousand

2121

01:42:27,570 --> 01:42:25,060

nine hundred and twenty years and half

2122

01:42:31,080 --> 01:42:27,580

of that is twelve thousand nine hundred

2123

01:42:34,530 --> 01:42:31,090

and sixty so what they did was they set

2124

01:42:37,500 --> 01:42:34,540

up a model of a global change that there

2125

01:42:39,660 --> 01:42:37,510

were four major points of discontinuity

2126

01:42:42,690 --> 01:42:39,670

within this wheel and they were

2127

01:42:45,030 --> 01:42:42,700

associated with the the passage of the

2128

01:42:47,430 --> 01:42:45,040

vernal equinox through Aquarius through

2129

01:42:50,520 --> 01:42:47,440

Leo through Scorpio and through Taurus

2130

01:42:53,930 --> 01:42:50,530

the four fixed signs of the zodiac which

2131

01:42:59,510 --> 01:42:53,940

connect like so for example when the

2132

01:43:03,540 --> 01:42:59,520

equinoctial line is connecting the the

2133

01:43:06,450 --> 01:43:03,550

Aquarius Leo axis the soul station line

2134

01:43:09,210 --> 01:43:06,460

is connecting the Scorpio Taurus axis

2135

01:43:11,670 --> 01:43:09,220

and that great cross cosmic cross is

2136

01:43:14,280 --> 01:43:11,680

rotating so that it clicks into one of

2137

01:43:16,650 --> 01:43:14,290

these signs every average six thousand

2138

01:43:18,810 --> 01:43:16,660

four hundred and eighty years so one of

2139

01:43:20,520 --> 01:43:18,820

the things that I've done in for people

2140

01:43:22,710 --> 01:43:20,530

to go I would recommend to go to the

2141

01:43:25,169 --> 01:43:22,720

sacred geometry international website

2142

01:43:27,600 --> 01:43:25,179

because Cameron Wiltshire has done some

2143

01:43:30,319 --> 01:43:27,610

awesome graphics for to help people

2144

01:43:32,759 --> 01:43:30,329

visualize what I'm talking about and

2145

01:43:35,810 --> 01:43:32,769

basically what it's showing is that

2146

01:43:38,160 --> 01:43:35,820

there's a high correlation of

2147

01:43:41,250 --> 01:43:38,170

discontinuous events within the natural

2148

01:43:45,569 --> 01:43:41,260

continuum of change that are associated

2149

01:43:47,580 --> 01:43:45,579

with these four signs and the most or I

2150

01:43:49,919 --> 01:43:47,590

should say constellations because we're

2151

01:43:52,560 --> 01:43:49,929

talking constellations here not signs

2152

01:43:55,319 --> 01:43:52,570

for those who are either astronomically

2153

01:43:58,979 --> 01:43:55,329

or astrologically oriented we're talking

2154

01:44:00,419 --> 01:43:58,989

about the constellations right so if we

2155

01:44:03,060 --> 01:44:00,429

go back six thousand four hundred eighty

2156

01:44:05,040 --> 01:44:03,070

years ago between 6,000 and six thousand

2157

01:44:08,069 --> 01:44:05,050

four hundred and eighty as the vernal

2158

01:44:11,189 --> 01:44:08,079

equinox was moving into Taurus we see a

2159

01:44:13,919 --> 01:44:11,199

major global change and what happened

2160

01:44:17,339 --> 01:44:13,929

was it's coming out of the ice age as

2161

01:44:19,379 --> 01:44:17,349

the age of Leo came to an end and we

2162

01:44:22,199 --> 01:44:19,389

moved into the age of cancer what we see

2163

01:44:24,929 --> 01:44:22,209

happening is that the climate became

2164

01:44:27,089 --> 01:44:24,939

very warm climatologist who have studied

2165

01:44:30,359 --> 01:44:27,099

this period have called the the three or

2166

01:44:33,479 --> 01:44:30,369

four thousand year period post immediate

2167

01:44:36,870 --> 01:44:33,489

post ice age as the climatic optimum

2168

01:44:40,890 --> 01:44:36,880

because this was the time when actually

2169

01:44:43,469 --> 01:44:40,900

climate was in fact in spite of a lot of

2170

01:44:46,109 --> 01:44:43,479

the propaganda climate was warmer than

2171

01:44:48,209 --> 01:44:46,119

that it is now sea levels might have

2172

01:44:52,040 --> 01:44:48,219

been up to three to six feet higher

2173

01:44:54,390 --> 01:44:52,050

according to some studies and there were

2174

01:44:58,049 --> 01:44:54,400

farming communities that formed at

2175

01:45:00,330 --> 01:44:58,059

10,000 feet above sea level and this is

2176

01:45:02,609 --> 01:45:00,340

the time that I often referred to as the

2177

01:45:04,469 --> 01:45:02,619

age of the goddess because it was during

2178

01:45:08,779 --> 01:45:04,479

this time when these hunter-gatherer

2179

01:45:11,250 --> 01:45:08,789

nomadic cultures that had survived the

2180

01:45:16,500 --> 01:45:11,260

catastrophic changes that ended the Ice

2181

01:45:20,399 --> 01:45:16,510

Age moved into a an eco zone which had

2182

01:45:22,350 --> 01:45:20,409

basically been depopulated now nature if

2183

01:45:24,419 --> 01:45:22,360

you study these great catastrophes

2184

01:45:27,870 --> 01:45:24,429

whether it's in the aftermath of

2185

01:45:29,729 --> 01:45:27,880

hurricanes or volcanic eruptions or even

2186

01:45:31,529 --> 01:45:29,739

asteroid impacts and that sort of thing

2187

01:45:34,469 --> 01:45:31,539

what you discover is that the

2188

01:45:38,459 --> 01:45:34,479

recuperative powers of nature are

2189

01:45:39,000 --> 01:45:38,469

phenomenal and I visited a nobody two

2190

01:45:42,120 --> 01:45:39,010

years ago

2191

01:45:45,510 --> 01:45:42,130

visited Mount st. Helens to investigate

2192

01:45:49,290 --> 01:45:45,520

the recovery you know in in roughly

2193

01:45:51,450 --> 01:45:49,300

three decades after the great eruptions

2194

01:45:54,720 --> 01:45:51,460

created a lunar landscape over about 200

2195

01:45:57,780 --> 01:45:54,730

square miles right and you could see how

2196

01:46:01,260 --> 01:45:57,790

rapidly nature was reclaiming that

2197

01:46:03,630 --> 01:46:01,270

devastated landscape and in another

2198

01:46:04,980 --> 01:46:03,640

three or four centuries that mountain

2199

01:46:08,760 --> 01:46:04,990

the whole mountain should be pretty much

2200

01:46:12,270 --> 01:46:08,770

reforested right so excuse me my point

2201

01:46:14,670 --> 01:46:12,280

here is that Nature has the ability to

2202

01:46:18,000 --> 01:46:14,680

recover from the catastrophic and

2203

01:46:21,810 --> 01:46:18,010

traumatic events quite rapidly probably

2204

01:46:24,690 --> 01:46:21,820

faster than a decimated human culture

2205

01:46:26,090 --> 01:46:24,700

does and so in the aftermath like they

2206

01:46:28,470 --> 01:46:26,100

described earlier Clovis culture

2207

01:46:31,190 --> 01:46:28,480

apparently almost completely disappeared

2208

01:46:34,050 --> 01:46:31,200

from North America right right so a

2209

01:46:36,000 --> 01:46:34,060

thousand years later another culture

2210

01:46:38,190 --> 01:46:36,010

begins to appear they're so different

2211

01:46:40,020 --> 01:46:38,200

distinctively different that they're

2212

01:46:41,970 --> 01:46:40,030

given a different name by archeologists

2213

01:46:43,500 --> 01:46:41,980

they're called the Folsom culture who

2214

01:46:46,320 --> 01:46:43,510

are the Folsom culture well nobody knows

2215

01:46:48,000 --> 01:46:46,330

exactly where they came from interesting

2216

01:46:50,430 --> 01:46:48,010

genetic studies that are beginning to

2217

01:46:52,920 --> 01:46:50,440

reveal some very interesting information

2218

01:46:55,080 --> 01:46:52,930

about the dispersal of people around the

2219

01:46:56,940 --> 01:46:55,090

globe but it gets back to this question

2220

01:46:58,440 --> 01:46:56,950

that you brought up earlier you see it's

2221

01:47:02,280 --> 01:46:58,450

almost like when you look at Mount st.

2222

01:47:06,860 --> 01:47:02,290

Helens what you see there is what the

2223

01:47:11,670 --> 01:47:06,870

ecologist calls a refugium a refugium is

2224

01:47:15,210 --> 01:47:11,680

somewhere where species were some little

2225

01:47:18,090 --> 01:47:15,220

enclave of nature manages to survive by

2226
01:47:18,630 --> 01:47:18,100
whatever reason you know whatever luck

2227
01:47:22,080 --> 01:47:18,640
of the draw

2228
01:47:25,200 --> 01:47:22,090
but these refugium are the places from

2229
01:47:27,660 --> 01:47:25,210
which nature begins to recolonize these

2230
01:47:30,210 --> 01:47:27,670
devastated landscapes typically first

2231
01:47:32,730 --> 01:47:30,220
thing it appears in the volcanic ash is

2232
01:47:35,070 --> 01:47:32,740
a generation of ferns and then you have

2233
01:47:37,320 --> 01:47:35,080
a few generation of ferns they grow up

2234
01:47:39,450 --> 01:47:37,330
they live their lifecycle but they

2235
01:47:42,180 --> 01:47:39,460
return to the soil returned to the ash

2236
01:47:46,560 --> 01:47:42,190
and they help begin to build the layer

2237
01:47:49,470 --> 01:47:46,570
of soil that can now support the more

2238
01:47:51,540 --> 01:47:49,480

advanced species and so we have to

2239

01:47:52,810 --> 01:47:51,550

understand what happened at the end of

2240

01:47:54,820 --> 01:47:52,820

the last ice age was

2241

01:47:57,250 --> 01:47:54,830

that there were large portions of the

2242

01:47:59,560 --> 01:47:57,260

planetary surface that were basically

2243

01:48:03,400 --> 01:47:59,570

destroyed that were basically erased and

2244

01:48:05,440 --> 01:48:03,410

so when we look at the historical

2245

01:48:07,110 --> 01:48:05,450

discovery of America I think that what

2246

01:48:09,780 --> 01:48:07,120

we're really doing is looking at the

2247

01:48:12,340 --> 01:48:09,790

rediscovery of America the

2248

01:48:15,280 --> 01:48:12,350

recolonization it took nearly ten

2249

01:48:18,430 --> 01:48:15,290

thousand years for for humans to

2250

01:48:21,550 --> 01:48:18,440

actually return to North America in mass

2251

01:48:23,830 --> 01:48:21,560

and in the survivors in North America

2252

01:48:27,550 --> 01:48:23,840

Senor he gets to another interesting

2253

01:48:29,110 --> 01:48:27,560

idea which I think would be probably

2254

01:48:30,970 --> 01:48:29,120

beyond our conversation tonight when you

2255

01:48:33,430 --> 01:48:30,980

look at this evidence but I would I

2256

01:48:36,130 --> 01:48:33,440

would suggest that there's that the

2257

01:48:39,040 --> 01:48:36,140

human survivors of these catastrophes

2258

01:48:41,200 --> 01:48:39,050

that convulsed the earth at the end of

2259

01:48:44,680 --> 01:48:41,210

the last ice age were two types there

2260

01:48:47,290 --> 01:48:44,690

were two categories one was those people

2261

01:48:49,330 --> 01:48:47,300

who survived just by being in the right

2262

01:48:51,520 --> 01:48:49,340

place at the right time by the luck of

2263

01:48:55,000 --> 01:48:51,530

the draw right there was another group

2264

01:48:57,460 --> 01:48:55,010

that survived because they prepared

2265

01:49:01,560 --> 01:48:57,470

because they knew something was coming

2266

01:49:04,750 --> 01:49:01,570

they put the the pieces in place to

2267

01:49:08,320 --> 01:49:04,760

ensure the high probability of their

2268

01:49:11,860 --> 01:49:08,330

survival and retaining some degree of

2269

01:49:14,200 --> 01:49:11,870

cultural knowledge no you jump in right

2270

01:49:17,350 --> 01:49:14,210

there hold on a second because this is a

2271

01:49:22,720 --> 01:49:17,360

very interesting point is there evidence

2272

01:49:24,970 --> 01:49:22,730

of high technology advanced culture that

2273

01:49:27,940 --> 01:49:24,980

predated everything here in the United

2274

01:49:30,790 --> 01:49:27,950

States and North America not that I know

2275

01:49:33,220 --> 01:49:30,800

of but what we do see is at the

2276

01:49:37,060 --> 01:49:33,230

beginning of recorded history just like

2277

01:49:39,190 --> 01:49:37,070

Graham is history frequently it's more

2278

01:49:41,620 --> 01:49:39,200

like the beginnings of history is it

2279

01:49:43,120 --> 01:49:41,630

really the beginnings it's the end of

2280

01:49:46,020 --> 01:49:43,130

something you know the building of the

2281

01:49:48,880 --> 01:49:46,030

pyramids on the Giza Plateau

2282

01:49:51,910 --> 01:49:48,890

see regardless of what conventional

2283

01:49:54,100 --> 01:49:51,920

thinkers think about this it just

2284

01:49:55,990 --> 01:49:54,110

doesn't make sense you know as somebody

2285

01:49:58,360 --> 01:49:56,000

who spent 40 years building things

2286

01:50:01,180 --> 01:49:58,370

knowing kind of what it didn't like to

2287

01:50:05,580 --> 01:50:01,190

have to move Oh something to weighs a

2288

01:50:08,820 --> 01:50:05,590

ton on occasion right to think that

2289

01:50:12,240 --> 01:50:08,830

over the world you had hunter-gatherers

2290

01:50:14,070 --> 01:50:12,250

who just decided all of a sudden one day

2291

01:50:17,810 --> 01:50:14,080

you know what we're gonna start cutting

2292

01:50:20,790 --> 01:50:17,820

stones that way ten twenty a hundred

2293

01:50:22,919 --> 01:50:20,800

maybe even two hundred tons and start

2294

01:50:24,780 --> 01:50:22,929

building things out of these 200 ton

2295

01:50:26,820 --> 01:50:24,790

stones and we're going to cut those

2296

01:50:28,830 --> 01:50:26,830

stones and we're gonna other quarries

2297

01:50:32,240 --> 01:50:28,840

and we're gonna have perhaps transport

2298

01:50:35,580 --> 01:50:32,250

them 50 or a hundred or or 200 miles

2299

01:50:37,620 --> 01:50:35,590

over land to build this thing you see

2300

01:50:40,640 --> 01:50:37,630

that just doesn't I'm sorry it doesn't

2301

01:50:44,100 --> 01:50:40,650

make sense to me okay you've got

2302

01:50:46,709 --> 01:50:44,110

hunter-gatherers right and okay maybe in

2303

01:50:48,270 --> 01:50:46,719

one place you could come up and say yeah

2304

01:50:51,089 --> 01:50:48,280

for whatever reason this particular

2305

01:50:52,950 --> 01:50:51,099

group on this particular continent this

2306

01:50:55,830 --> 01:50:52,960

particular region of the planet got

2307

01:50:58,169 --> 01:50:55,840

inspired or motivated to build to start

2308

01:51:01,560 --> 01:50:58,179

building things out of you know 20-ton

2309

01:51:04,830 --> 01:51:01,570

stones or 50-ton stones but we see it

2310

01:51:07,470 --> 01:51:04,840

Jimmy all over the world and in it I'm

2311

01:51:10,109 --> 01:51:07,480

sorry all of the attempts by the more

2312

01:51:12,720 --> 01:51:10,119

conventional thinkers to dismiss that or

2313

01:51:15,540 --> 01:51:12,730

to get around it and not have to address

2314

01:51:18,300 --> 01:51:15,550

it I think are completely missing the

2315

01:51:20,459 --> 01:51:18,310

reality that's that's staring them right

2316

01:51:23,850 --> 01:51:20,469

in the face it just does not make sense

2317

01:51:25,290 --> 01:51:23,860

I'm sorry it doesn't make sense and we

2318

01:51:27,810 --> 01:51:25,300

have to come up with some model of

2319

01:51:29,939 --> 01:51:27,820

history I think that can explain that

2320

01:51:32,339 --> 01:51:29,949

phenomena and I'm sorry the conventional

2321

01:51:33,479 --> 01:51:32,349

model just doesn't you know you can

2322

01:51:35,129 --> 01:51:33,489

stand there and you can look at the

2323

01:51:37,200 --> 01:51:35,139

pyramids on the Giza Plateau and you're

2324

01:51:39,510 --> 01:51:37,210

thinking wait a second the grandfather's

2325

01:51:42,330 --> 01:51:39,520

of the people that built these were just

2326

01:51:45,419 --> 01:51:42,340

farmers in the Nile Valley right and now

2327

01:51:47,310 --> 01:51:45,429

now they're built no I I'm sorry it

2328

01:51:51,270 --> 01:51:47,320

doesn't make sense and you can invoke

2329

01:51:52,649 --> 01:51:51,280

all of the the conventional models that

2330

01:51:54,990 --> 01:51:52,659

you want going back over the last

2331

01:51:56,820 --> 01:51:55,000

hundred years and I don't think I think

2332

01:52:00,410 --> 01:51:56,830

that all you're doing is attempting to

2333

01:52:03,390 --> 01:52:00,420

get around that reality that glaring

2334

01:52:05,820 --> 01:52:03,400

contradictory reality you see and then

2335

01:52:09,000 --> 01:52:05,830

we can go South America we can go you

2336

01:52:10,709 --> 01:52:09,010

know Malta we can go to you know Lebanon

2337

01:52:14,250 --> 01:52:10,719

in Syria we can go to the British Isles

2338

01:52:16,950 --> 01:52:14,260

we find the same thing and that's what

2339

01:52:19,350 --> 01:52:16,960

I'm getting at so if we begin to try to

2340

01:52:21,030 --> 01:52:19,360

look at the explanation for that

2341

01:52:23,570 --> 01:52:21,040

I think it leads us directly into

2342

01:52:26,010 --> 01:52:23,580

admitting that yeah there was somebody

2343

01:52:29,550 --> 01:52:26,020

who had some kind of knowledge of

2344

01:52:35,570 --> 01:52:29,560

engineering of mathematics of astronomy

2345

01:52:39,510 --> 01:52:35,580

of geology and they were able to somehow

2346

01:52:41,640 --> 01:52:39,520

intervene in cultures and motivate these

2347

01:52:43,080 --> 01:52:41,650

cultures to do these things and if you

2348

01:52:46,050 --> 01:52:43,090

look at the traditions of the cultures

2349

01:52:50,270 --> 01:52:46,060

themselves it confirms what I just said

2350

01:52:53,879 --> 01:52:50,280

they all talk about gods or these higher

2351

01:52:55,530 --> 01:52:53,889

beings that came in and I and I'm not

2352

01:52:57,510 --> 01:52:55,540

necessarily saying that there could have

2353

01:53:01,560 --> 01:52:57,520

been anything other than more

2354

01:53:03,930 --> 01:53:01,570

scientifically advanced humans right but

2355

01:53:08,280 --> 01:53:03,940

definitely when I look at the Great

2356

01:53:10,620 --> 01:53:08,290

Pyramid of Giza I'm seeing technological

2357

01:53:13,649 --> 01:53:10,630

advancement there that's something

2358

01:53:15,090 --> 01:53:13,659

beyond well oh you know so the

2359

01:53:17,760 --> 01:53:15,100

explanations come well they built this

2360

01:53:21,209 --> 01:53:17,770

massive stone circle so that they could

2361

01:53:22,919 --> 01:53:21,219

know when to plant their crops well see

2362

01:53:24,870 --> 01:53:22,929

here's the thing Jimmy you you can

2363

01:53:26,340 --> 01:53:24,880

determine when to plant your crops just

2364

01:53:28,050 --> 01:53:26,350

by putting a stick in the ground and

2365

01:53:30,810 --> 01:53:28,060

drawing a circle around it you don't

2366

01:53:32,910 --> 01:53:30,820

need to move 50 stones that weigh 20

2367

01:53:35,280 --> 01:53:32,920

tons each and put them in a circle

2368

01:53:37,410 --> 01:53:35,290

aligned to the cardinal directions and

2369

01:53:40,109 --> 01:53:37,420

marking out the passage of the Sun and

2370

01:53:42,359 --> 01:53:40,119

the moon you don't need to do that you

2371

01:53:46,770 --> 01:53:42,369

know to know when to plant your crops or

2372

01:53:49,709 --> 01:53:46,780

grow some wheat right right there's a

2373

01:53:52,229 --> 01:53:49,719

major disconnect in conventional

2374

01:53:55,320 --> 01:53:52,239

academic thinking there's a blind spot

2375

01:53:57,300 --> 01:53:55,330

and I don't know why but they are so

2376

01:53:59,700 --> 01:53:57,310

reluctant to admit that there may have

2377

01:54:02,189 --> 01:53:59,710

been something much grander and greater

2378

01:54:03,750 --> 01:54:02,199

going on in our prehistory that we

2379

01:54:07,200 --> 01:54:03,760

haven't figured out yet

2380

01:54:09,479 --> 01:54:07,210

have you ever leave we're gonna hit a

2381

01:54:13,490 --> 01:54:09,489

break here in a second but the migration

2382

01:54:17,010 --> 01:54:13,500

of us around this planet where

2383

01:54:20,070 --> 01:54:17,020

conventional academia is gonna say it

2384

01:54:22,320 --> 01:54:20,080

started in in southern Africa and and

2385

01:54:24,030 --> 01:54:22,330

went up and and and went around and here

2386

01:54:28,709 --> 01:54:24,040

we are today you know four million years

2387

01:54:31,919 --> 01:54:28,719

ago but the what was going on in Giza

2388

01:54:34,560 --> 01:54:31,929

was also going on here and

2389

01:54:37,169 --> 01:54:34,570

in north america and south america but

2390

01:54:40,830 --> 01:54:37,179

it was also going on in in northern

2391

01:54:44,060 --> 01:54:40,840

russia and could it be that this

2392

01:54:47,070 --> 01:54:44,070

knowledge maybe came from the north and

2393

01:54:49,950 --> 01:54:47,080

progressed down the reason why i suggest

2394

01:54:53,910 --> 01:54:49,960

that is we have gobekli tepe which is

2395

01:54:59,640 --> 01:54:53,920

north of Giessen it's north and it was

2396

01:55:02,729 --> 01:54:59,650

built 7,000 years before the rise of the

2397

01:55:05,550 --> 01:55:02,739

the pharaohs so wait a minute it

2398

01:55:07,380 --> 01:55:05,560

couldn't have been the opposite of what

2399

01:55:10,490 --> 01:55:07,390

everybody is suggesting and why don't

2400

01:55:13,740 --> 01:55:10,500

they take a look at that and consider it

2401

01:55:16,080 --> 01:55:13,750

well let's see who is the author or a

2402

01:55:17,970 --> 01:55:16,090

read the book years ago um it'll come to

2403

01:55:22,110 --> 01:55:17,980

me in a second who was proposing exactly

2404

01:55:24,180 --> 01:55:22,120

that what was his name I'll have it

2405

01:55:28,890 --> 01:55:24,190

after the break okay I can dress it up

2406

01:55:29,459 --> 01:55:28,900

from from the archives so how much time

2407

01:55:32,220 --> 01:55:29,469

we got left

2408

01:55:34,620 --> 01:55:32,230

yeah we've got four minutes oh four

2409

01:55:36,540 --> 01:55:34,630

minutes oh well okay that's enough to

2410

01:55:39,030 --> 01:55:36,550

cover a couple of thousand years of

2411

01:55:42,240 --> 01:55:39,040

theory all right well you know because

2412

01:55:45,660 --> 01:55:42,250

when we if you go and you start I

2413

01:55:47,970 --> 01:55:45,670

suggested this a few months ago

2414

01:55:50,669 --> 01:55:47,980

you know I'm just laying awake and then

2415

01:55:52,500 --> 01:55:50,679

thinking I can't stop my brain and I

2416

01:55:55,080 --> 01:55:52,510

started to think about the Black Sea and

2417

01:55:58,050 --> 01:55:55,090

and what was going on around there and

2418

01:55:59,760 --> 01:55:58,060

and you start to look at at Russia and

2419

01:56:02,340 --> 01:55:59,770

you go up you know and and head north

2420

01:56:04,800 --> 01:56:02,350

you know certainly China too but how

2421

01:56:08,820 --> 01:56:04,810

that just funneled down through

2422

01:56:10,740 --> 01:56:08,830

modern-day Turkey today and the ancient

2423

01:56:13,919 --> 01:56:10,750

structures that are there that predate

2424

01:56:16,709 --> 01:56:13,929

everything else and of course gobekli

2425

01:56:21,149 --> 01:56:16,719

tepe is right there again at that magic

2426

01:56:23,040 --> 01:56:21,159

number at 10,500 BC that maybe this

2427

01:56:26,310 --> 01:56:23,050

knowledge came from the north and it

2428

01:56:29,250 --> 01:56:26,320

didn't come from the south up through

2429

01:56:31,290 --> 01:56:29,260

Egypt around Jerusalem and then up to

2430

01:56:34,620 --> 01:56:31,300

gobekli tepe because the dating is in

2431

01:56:39,419 --> 01:56:37,169

I certainly would consider that a

2432

01:56:41,820 --> 01:56:39,429

possibility and the name of this author

2433

01:56:44,370 --> 01:56:41,830

and his book which I read years ago will

2434

01:56:45,930 --> 01:56:44,380

come to me in a second but yes he was

2435

01:56:50,660 --> 01:56:45,940

proposing that that there was a northern

2436

01:56:53,610 --> 01:56:50,670

source yeah I certainly think that's

2437

01:56:55,890 --> 01:56:53,620

worthy of consideration I I wouldn't say

2438

01:56:57,959 --> 01:56:55,900

necessarily that oh I'm going to believe

2439

01:57:00,620 --> 01:56:57,969

that that's the final answer but it

2440

01:57:03,209 --> 01:57:00,630

could definitely be plausible in in my

2441

01:57:04,680 --> 01:57:03,219

opinion we got to be open to all

2442

01:57:06,300 --> 01:57:04,690

possibilities here because we're

2443

01:57:09,419 --> 01:57:06,310

confronted with something that's really

2444

01:57:11,939 --> 01:57:09,429

beyond any conventional explanation and

2445

01:57:15,120 --> 01:57:11,949

you know this is where I'm or what was

2446

01:57:16,620 --> 01:57:15,130

the old the geologist was a TC

2447

01:57:20,459 --> 01:57:16,630

Chamberlain I'm sure you don't remember

2448

01:57:21,840 --> 01:57:20,469

but I oh he was discounting his

2449

01:57:25,680 --> 01:57:21,850

colleagues around the turn of the

2450

01:57:27,360 --> 01:57:25,690

century for being too to hidebound to to

2451
01:57:29,330 --> 01:57:27,370
conventionally oriented and he said that

2452
01:57:32,879 --> 01:57:29,340
there's a important role for the

2453
01:57:35,129 --> 01:57:32,889
outrageous hypothesis in understanding

2454
01:57:37,590 --> 01:57:35,139
Earth history and you know I'm a firm

2455
01:57:40,709 --> 01:57:37,600
believer in that that we have to it's

2456
01:57:43,260 --> 01:57:40,719
the balancing between you know the

2457
01:57:44,729 --> 01:57:43,270
absurd and what could be possible you

2458
01:57:47,430 --> 01:57:44,739
know because there is a lot of whoo out

2459
01:57:49,590 --> 01:57:47,440
there whoo whoo stuff and you know we

2460
01:57:52,290 --> 01:57:49,600
got to be careful and consider always

2461
01:57:54,209 --> 01:57:52,300
consider what the evidence suggests but

2462
01:57:55,950 --> 01:57:54,219
interestingly I mean to me the evidence

2463
01:57:57,840 --> 01:57:55,960

points to something that's as

2464

01:57:59,610 --> 01:57:57,850

extraordinary as anything fictional that

2465

01:58:01,919 --> 01:57:59,620

you could come up with that's right and

2466

01:58:04,590 --> 01:58:01,929

and and Randall we've got a minute left

2467

01:58:06,689 --> 01:58:04,600

when we talk about the land bridges and

2468

01:58:09,720 --> 01:58:06,699

and the differences in sea levels and

2469

01:58:12,180 --> 01:58:09,730

certainly ice and and how different the

2470

01:58:14,550 --> 01:58:12,190

world was 40,000 years ago that that

2471

01:58:17,520 --> 01:58:14,560

migration may be this is what I'm

2472

01:58:20,490 --> 01:58:17,530

suggesting maybe it started here in in

2473

01:58:22,890 --> 01:58:20,500

North America went up across around

2474

01:58:26,340 --> 01:58:22,900

through Russia through the land bridge

2475

01:58:30,030 --> 01:58:26,350

the opposite direction of what what is

2476

01:58:32,970 --> 01:58:30,040

is the the dogma that were fed and then

2477

01:58:35,370 --> 01:58:32,980

down from the north from Russia and and

2478

01:58:38,310 --> 01:58:35,380

around you know that's that's all I'm

2479

01:58:42,149 --> 01:58:38,320

suggesting here that maybe it started

2480

01:58:43,950 --> 01:58:42,159

here why the the ice that came down from

2481

01:58:47,560 --> 01:58:43,960

Canada and covered Northam and maybe

2482

01:58:50,020 --> 01:58:47,570

people split they went to where

2483

01:58:52,510 --> 01:58:50,030

the food was and they went back out and

2484

01:58:55,000 --> 01:58:52,520

across and around and then repopulated

2485

01:58:57,160 --> 01:58:55,010

North America at a later date when

2486

01:59:01,690 --> 01:58:57,170

things settle down I'm just saying

2487

01:59:03,130 --> 01:59:01,700

that's how my brain works well you know

2488

01:59:05,440 --> 01:59:03,140

you could be on to something if we're

2489

01:59:09,610 --> 01:59:05,450

going back 40 or 50 thousand years and

2490

01:59:11,560 --> 01:59:09,620

or maybe even earlier you know America

2491

01:59:15,490 --> 01:59:11,570

has been or I'd say North America has

2492

01:59:18,400 --> 01:59:15,500

been subject to this repeating this

2493

01:59:21,420 --> 01:59:18,410

recurring episodes of glacial and

2494

01:59:23,950 --> 01:59:21,430

interglacial ages so that you'll have

2495

01:59:25,360 --> 01:59:23,960

ten or fifteen thousand years of a

2496

01:59:27,910 --> 01:59:25,370

glacial age and then you'll have an

2497

01:59:30,070 --> 01:59:27,920

interim period that's as warm as now or

2498

01:59:32,650 --> 01:59:30,080

maybe not quite as warm but where the

2499

01:59:36,400 --> 01:59:32,660

glacier shrinks back maybe not disappear

2500

01:59:38,260 --> 01:59:36,410

altogether but shrink back to just only

2501

01:59:40,900 --> 01:59:38,270

a small part of what they had been at

2502

01:59:43,750 --> 01:59:40,910

their maximum and so there's actually

2503

01:59:47,650 --> 01:59:43,760

kind of a periodicity to this thing a

2504

01:59:50,020 --> 01:59:47,660

this expansion and contraction of the

2505

01:59:53,140 --> 01:59:50,030

glaciers the rising and falling of sea

2506

01:59:55,630 --> 01:59:53,150

levels it's almost like a pulse of the

2507

01:59:57,490 --> 01:59:55,640

climate of the global climate in the

2508

01:59:59,050 --> 01:59:57,500

interim periods yes there could have

2509

02:00:01,780 --> 01:59:59,060

been who knows what could have arisen

2510

02:00:04,540 --> 02:00:01,790

during those interim periods but then

2511

02:00:07,210 --> 02:00:04,550

basically erased when the next ice age

2512

02:00:10,810 --> 02:00:07,220

comes because think about you know think

2513

02:00:14,170 --> 02:00:10,820

about Canada in Canada hold on hold on I

2514

02:00:15,340 --> 02:00:14,180

gotta take a break right here I can tell

2515

02:00:17,920 --> 02:00:15,350

where this is going

2516

02:00:20,110 --> 02:00:17,930

so all right let's take a quick break

2517

02:00:22,570 --> 02:00:20,120

and also want you to wrap your mind

2518

02:00:25,690 --> 02:00:22,580

around a conversation about the the

2519

02:00:27,370 --> 02:00:25,700

rakat structure and there's something

2520

02:00:29,620 --> 02:00:27,380

going on there too as well we'll be

2521

02:00:32,290 --> 02:00:29,630

right back our guest Randall Carlson

2522

02:00:34,339 --> 02:00:32,300

stay with me

2523

02:00:39,410 --> 02:00:34,349

everybody's brought out for the mental

2524

02:00:45,240 --> 02:00:42,690

this is kera digital broadcasting

2525

02:00:48,510 --> 02:00:45,250

station Salt Lake City Utah

2526
02:00:50,190 --> 02:00:48,520
Van Buren Arkansas poor water quality is

2527
02:00:51,210 --> 02:00:50,200
a major health issue and it's only

2528
02:00:53,130 --> 02:00:51,220
getting worse

2529
02:00:54,960 --> 02:00:53,140
municipalities can't keep up standards

2530
02:00:58,080 --> 02:00:54,970
have dropped and pollutants are

2531
02:00:59,880 --> 02:00:58,090
increasing where does it all end it ends

2532
02:01:01,590 --> 02:00:59,890
by keeping the pollutants outside of

2533
02:01:03,120 --> 02:01:01,600
your home with hydro cares advanced

2534
02:01:05,280 --> 02:01:03,130
systems available at a wave home

2535
02:01:07,290 --> 02:01:05,290
solutions no less than the best

2536
02:01:09,090 --> 02:01:07,300
purification materials and processes

2537
02:01:10,920 --> 02:01:09,100
have been developed by Hydra care to

2538
02:01:13,350 --> 02:01:10,930

provide you with healthy clean water for

2539

02:01:15,510 --> 02:01:13,360

drinking cooking and showering hydro

2540

02:01:18,270 --> 02:01:15,520

care far surpasses the competition in

2541

02:01:21,480 --> 02:01:18,280

removing chlorine odors iron led

2542

02:01:23,160 --> 02:01:21,490

chemicals lime scale and much more don't

2543

02:01:25,170 --> 02:01:23,170

settle for less when it comes to your

2544

02:01:27,000 --> 02:01:25,180

water we'll take care of the toughest

2545

02:01:29,490 --> 02:01:27,010

water problems for you whether it's from

2546

02:01:31,590 --> 02:01:29,500

a city or well source satisfaction

2547

02:01:33,510 --> 02:01:31,600

guaranteed for more information call

2548

02:01:35,790 --> 02:01:33,520

eight eight eight nine nine seven wave

2549

02:01:38,970 --> 02:01:35,800

that's eight eight eight nine nine seven

2550

02:01:41,250 --> 02:01:38,980

w AV e or go to best water one two three

2551
02:01:43,129 --> 02:01:41,260
comm that's best water one two three

2552
02:01:43,980 --> 02:01:43,139
comm

2553
02:01:47,089 --> 02:01:43,990
Russians

2554
02:01:49,500 --> 02:01:47,099
[Music]

2555
02:01:54,450 --> 02:01:49,510
your contact for current news and

2556
02:01:56,310 --> 02:01:54,460
trending topics kera radio.com does your

2557
02:01:58,470 --> 02:01:56,320
basement or crawlspace have a damp musty

2558
02:02:00,209 --> 02:01:58,480
smell while watch out that's a sign of

2559
02:02:02,069 --> 02:02:00,219
too much moisture and not enough

2560
02:02:03,510 --> 02:02:02,079
ventilation and that can mean increased

2561
02:02:05,609 --> 02:02:03,520
mold growth and their build-up of

2562
02:02:07,830 --> 02:02:05,619
harmful toxins and gases don't bother

2563
02:02:09,870 --> 02:02:07,840

with a dehumidifier it just circulates

2564

02:02:12,000 --> 02:02:09,880

the same unhealthy air now there's a

2565

02:02:14,129 --> 02:02:12,010

better way to remove these dangers and

2566

02:02:16,229 --> 02:02:14,139

odors it's with the computerized wave

2567

02:02:18,180 --> 02:02:16,239

moisture control unit that reduces

2568

02:02:20,010 --> 02:02:18,190

moisture and expels pollutants we

2569

02:02:22,080 --> 02:02:20,020

replaced our old dehumidifier with the

2570

02:02:24,359 --> 02:02:22,090

wave unit and in only three weeks our

2571

02:02:24,990 --> 02:02:24,369

basement is dry and the musty smell is

2572

02:02:26,970 --> 02:02:25,000

gone

2573

02:02:29,399 --> 02:02:26,980

wave units require no maintenance no

2574

02:02:31,560 --> 02:02:29,409

buckets of water or filters and costs

2575

02:02:33,720 --> 02:02:31,570

only pennies a day to run breathe better

2576

02:02:36,149 --> 02:02:33,730

live healthier with an affordable no

2577

02:02:38,490 --> 02:02:36,159

maintenance wave unit call eight eight

2578

02:02:41,819 --> 02:02:38,500

eight seven one seven way eight eight

2579

02:02:48,270 --> 02:02:41,829

eight seven one seven wabe or visit dry

2580

02:02:53,939 --> 02:02:50,410

on solutions

2581

02:02:58,239 --> 02:02:56,229

this is Jimmy Church of fade to black

2582

02:03:01,359 --> 02:02:58,249

and I only drink

2583

02:03:03,879 --> 02:03:01,369

fade to black blend coffee from River

2584

02:03:06,819 --> 02:03:03,889

Moon just click on the River Moon coffee

2585

02:03:10,930 --> 02:03:06,829

banner at Jimmy Church radio.com promo

2586

02:03:13,450 --> 02:03:10,940

code f2 b blend so are you tired of

2587

02:03:15,879 --> 02:03:13,460

being tired well then it's time to get

2588

02:03:18,250 --> 02:03:15,889

the tea hey it's Leeza here to tell you

2589

02:03:20,080 --> 02:03:18,260

about this all-natural all organic tea

2590

02:03:21,700 --> 02:03:20,090

I've been drinking that has had great

2591

02:03:24,640 --> 02:03:21,710

results for over 20 years

2592

02:03:26,469 --> 02:03:24,650

it's called life changed tea and it's

2593

02:03:29,080 --> 02:03:26,479

specially formulated to help detoxify

2594

02:03:31,779 --> 02:03:29,090

and cleanse your kidneys liver colon and

2595

02:03:33,160 --> 02:03:31,789

blood all at once the colon is one of

2596

02:03:35,950 --> 02:03:33,170

the most ignored organs in the human

2597

02:03:37,750 --> 02:03:35,960

body the faster that waste is eliminated

2598

02:03:39,759 --> 02:03:37,760

from the body the less time that way

2599

02:03:41,680 --> 02:03:39,769

sits in our intestine spreading toxins

2600

02:03:43,629 --> 02:03:41,690

to our bloodstream this tea helps

2601
02:03:45,489 --> 02:03:43,639
cleanse chemicals caused by outside

2602
02:03:48,549 --> 02:03:45,499
intruders from our entire digestive

2603
02:03:50,859 --> 02:03:48,559
system and get this weight loss can be a

2604
02:03:53,080 --> 02:03:50,869
side effect and with continued use of

2605
02:03:55,509 --> 02:03:53,090
the tea you can experience clearer

2606
02:03:58,180 --> 02:03:55,519
healthier younger looking skin increased

2607
02:03:59,589 --> 02:03:58,190
energy and a happier outlook on life so

2608
02:04:02,469 --> 02:03:59,599
if you're tired of being tired

2609
02:04:06,339 --> 02:04:02,479
get the life change tea at get the tea

2610
02:04:09,279 --> 02:04:06,349
calm that's get the tea calm and like me

2611
02:04:11,020 --> 02:04:09,289
you'll be glad you did did you know that

2612
02:04:13,330 --> 02:04:11,030
when you're on the road with limited

2613
02:04:15,250 --> 02:04:13,340

data or Wi-Fi available you can still

2614

02:04:18,009 --> 02:04:15,260

listen to every minute of fade to black

2615

02:04:21,129 --> 02:04:18,019

by just calling six oh five five six two

2616

02:04:23,439 --> 02:04:21,139

four four eight two no smartphone app or

2617

02:04:25,689 --> 02:04:23,449

Internet needed it saves your data plan

2618

02:04:29,049 --> 02:04:25,699

and no extra cost if you have unlimited

2619

02:04:31,450 --> 02:04:29,059

minutes just call six oh five five six

2620

02:04:33,790 --> 02:04:31,460

two four four eight two you can listen

2621

02:04:41,640 --> 02:04:33,800

to me Jimmy Church on any phone anytime

2622

02:04:45,680 --> 02:04:43,340

[Music]

2623

02:04:47,820 --> 02:04:45,690

[Applause]

2624

02:04:52,080 --> 02:04:47,830

you want to know a secret

2625

02:04:55,020 --> 02:04:52,090

I love ponies I really love for this I'm

2626
02:04:59,550 --> 02:04:55,030
serious I couldn't stay sane without

2627
02:05:04,819 --> 02:04:59,560
poor mr. brush I fade to black because

2628
02:05:08,789 --> 02:05:06,659
this is fade to black

2629
02:05:12,479 --> 02:05:08,799
with Jimmy Church on the game changer

2630
02:05:14,860 --> 02:05:12,489
radio network and K GRA the global radio

2631
02:05:26,860 --> 02:05:14,870
alliance

2632
02:05:34,010 --> 02:05:29,210
welcome back fade to black I'm your host

2633
02:05:38,770 --> 02:05:34,020
Jimmy Church our guest tonight Randall

2634
02:05:41,030 --> 02:05:38,780
Carlson the conversation sacred geometry

2635
02:05:43,460 --> 02:05:41,040
international.com is the website the

2636
02:05:45,620 --> 02:05:43,470
links for Randall are over at Jimmy

2637
02:05:47,300 --> 02:05:45,630
Church radio comm and of course you can

2638
02:05:50,900 --> 02:05:47,310

also follow Randall on twitter at a

2639

02:05:55,820 --> 02:05:50,910

sacred geometry int right isn't that

2640

02:06:00,350 --> 02:05:55,830

what it is it's a commentary int under

2641

02:06:02,720 --> 02:06:00,360

geometry international it started out as

2642

02:06:06,170 --> 02:06:02,730

sacred geometry Atlanta then it went to

2643

02:06:07,960 --> 02:06:06,180

think sacred geometry America and now

2644

02:06:10,550 --> 02:06:07,970

it's extended to sacred geometry

2645

02:06:13,490 --> 02:06:10,560

International I'm actually pushing for

2646

02:06:15,410 --> 02:06:13,500

sacred geometry galactic right out I run

2647

02:06:18,260 --> 02:06:15,420

but that's just still a few years in the

2648

02:06:20,150 --> 02:06:18,270

future how smug will see once once we

2649

02:06:22,400 --> 02:06:20,160

start getting feedback from the galactic

2650

02:06:22,610 --> 02:06:22,410

level that's when we roll yeah there you

2651

02:06:25,190 --> 02:06:22,620

go

2652

02:06:29,750 --> 02:06:25,200

I want to give some credit here to

2653

02:06:32,930 --> 02:06:29,760

Cameron how smart is he constantly

2654

02:06:34,700 --> 02:06:32,940

surprises me no he's an immensely

2655

02:06:39,080 --> 02:06:34,710

talented individual and he's very

2656

02:06:41,360 --> 02:06:39,090

committed to doing this work I you know

2657

02:06:43,760 --> 02:06:41,370

what's happened in the last ten years I

2658

02:06:45,560 --> 02:06:43,770

couldn't have done without Cameron or my

2659

02:06:47,600 --> 02:06:45,570

other good colleague Brad young I have

2660

02:06:50,540 --> 02:06:47,610

to give credit to both these guys Brad

2661

02:06:54,050 --> 02:06:50,550

Young has put together the Geo cosmic

2662

02:06:57,070 --> 02:06:54,060

Rex dot-com website it has now over a

2663

02:06:59,660 --> 02:06:57,080

hundred video clips on it of our

2664

02:07:02,810 --> 02:06:59,670

excursions out into the field it's also

2665

02:07:05,510 --> 02:07:02,820

got mold maybe a dozen or so articles

2666

02:07:07,160 --> 02:07:05,520

and essays that I have written giving

2667

02:07:10,130 --> 02:07:07,170

background to this he's yeah we've got

2668

02:07:12,230 --> 02:07:10,140

he's got videos up there when we were

2669

02:07:14,900 --> 02:07:12,240

traveling with Graham of myself and

2670

02:07:18,440 --> 02:07:14,910

Graham out in the field examining this

2671

02:07:20,180 --> 02:07:18,450

day that he's also got drone footage now

2672

02:07:22,460 --> 02:07:20,190

because he's become a licensed drone

2673

02:07:25,220 --> 02:07:22,470

pilot federally licensed drone pilots so

2674

02:07:28,370 --> 02:07:25,230

we are now part of what we're doing is

2675

02:07:31,760 --> 02:07:28,380

archiving drone footage of these

2676
02:07:34,430 --> 02:07:31,770
landscapes of catastrophe so those two

2677
02:07:36,980 --> 02:07:34,440
guys Brad young and Cameron Wiltshire

2678
02:07:39,950 --> 02:07:36,990
have been indispensable to everything

2679
02:07:42,110 --> 02:07:39,960
that's happened in the last 10 to 20

2680
02:07:45,229 --> 02:07:42,120
Brad and I have been traveling together

2681
02:07:48,320 --> 02:07:45,239
going on about 20 close to 22 years now

2682
02:07:52,130 --> 02:07:48,330
we've done God I've even lost count 40

2683
02:07:54,950 --> 02:07:52,140
or 50 expeditions around documenting

2684
02:07:57,500 --> 02:07:54,960
this so we have hundreds of hours of

2685
02:08:00,320 --> 02:07:57,510
video clips tens of thousands of slides

2686
02:08:03,200 --> 02:08:00,330
and photographs and now we're adding the

2687
02:08:05,330 --> 02:08:03,210
drone footage to it so you'll find

2688
02:08:07,010 --> 02:08:05,340

between those two websites people can

2689

02:08:10,450 --> 02:08:07,020

get pretty much a whole broad spectrum

2690

02:08:12,740 --> 02:08:10,460

of what this research is all about

2691

02:08:15,110 --> 02:08:12,750

because there's on the one hand there's

2692

02:08:17,270 --> 02:08:15,120

the sacred geometry side of it like

2693

02:08:19,070 --> 02:08:17,280

we've been talking about that was born

2694

02:08:20,750 --> 02:08:19,080

out of the studies of architecture and

2695

02:08:23,090 --> 02:08:20,760

art and things like that and then the

2696

02:08:25,640 --> 02:08:23,100

other side is that what came out of the

2697

02:08:28,520 --> 02:08:25,650

studies of the earth that came out of

2698

02:08:29,959 --> 02:08:28,530

astronomy and to me what's exciting

2699

02:08:33,410 --> 02:08:29,969

about is really we said we're seeing an

2700

02:08:35,650 --> 02:08:33,420

American vergence of these and it's into

2701

02:08:38,870 --> 02:08:35,660

that even in the in the nomenclature

2702

02:08:41,690 --> 02:08:38,880

geometry measure of the earth geology

2703

02:08:43,610 --> 02:08:41,700

earth knowledge right so they're both

2704

02:08:47,780 --> 02:08:43,620

referring us back ultimately to the

2705

02:08:50,990 --> 02:08:47,790

earth which is the the center of all

2706

02:08:52,850 --> 02:08:51,000

this action that we're talking about but

2707

02:08:55,370 --> 02:08:52,860

I think that what we're having to do now

2708

02:08:57,470 --> 02:08:55,380

is begin to expand our horizons and

2709

02:09:00,940 --> 02:08:57,480

realize and understand that the earth is

2710

02:09:03,740 --> 02:09:00,950

a much as part of a much larger

2711

02:09:06,680 --> 02:09:03,750

ecosystem it is literally part of a

2712

02:09:09,130 --> 02:09:06,690

cosmic ecosystem and this is part of

2713

02:09:10,850 --> 02:09:09,140

what gets me frustrated in a lot of the

2714

02:09:14,390 --> 02:09:10,860

discussions and debate about climate

2715

02:09:17,510 --> 02:09:14,400

change is that we seem to be focused now

2716

02:09:20,180 --> 02:09:17,520

exclusively on the human influence on

2717

02:09:23,660 --> 02:09:20,190

climate to the neglect of what we're

2718

02:09:26,150 --> 02:09:23,670

learning is lots of other very potent

2719

02:09:28,459 --> 02:09:26,160

and powerful influences on the climate

2720

02:09:30,520 --> 02:09:28,469

both coming into genetic and or

2721

02:09:33,650 --> 02:09:30,530

genetically from within the earth and

2722

02:09:35,630 --> 02:09:33,660

exogenetically from outside the earth and

2723

02:09:38,750 --> 02:09:35,640

sometimes the two interacting together

2724

02:09:41,690 --> 02:09:38,760

so for example when you go back and you

2725

02:09:45,380 --> 02:09:41,700

look at some of the first the dating of

2726
02:09:46,729 --> 02:09:45,390
the Younger Dryas event which is twelve

2727
02:09:49,459 --> 02:09:46,739
thousand nine hundred were the black

2728
02:09:52,070 --> 02:09:49,469
mantas if you go into the flood lands of

2729
02:09:53,689 --> 02:09:52,080
Eastern Washington what you'll find is

2730
02:09:56,719 --> 02:09:53,699
that there are these gigantic

2731
02:10:00,049 --> 02:09:56,729
lack back flood sedimentary layers some

2732
02:10:02,359 --> 02:10:00,059
are three and four feet thick sandwiched

2733
02:10:05,689 --> 02:10:02,369
in between these you see volcanic ash

2734
02:10:07,549 --> 02:10:05,699
there's an example of a gully that got

2735
02:10:13,160 --> 02:10:07,559
exposed in Eastern Washington that's

2736
02:10:16,759 --> 02:10:13,170
composed of a whole succession of about

2737
02:10:22,029 --> 02:10:16,769
39 or 40 layers of these baths floods

2738
02:10:26,540 --> 02:10:22,039

and sandwiched in there is ash that was

2739

02:10:28,219 --> 02:10:26,550

discharged or thrown out of Mount st.

2740

02:10:31,640 --> 02:10:28,229

Helens and it was undergoing a

2741

02:10:33,709 --> 02:10:31,650

tremendous volcanic eruption and at the

2742

02:10:35,810 --> 02:10:33,719

same time these tremendous floods were

2743

02:10:37,910 --> 02:10:35,820

going on and there were other huge

2744

02:10:39,529 --> 02:10:37,920

volcanic eruptions around the planet

2745

02:10:41,989 --> 02:10:39,539

that we're taking place at the same time

2746

02:10:43,370 --> 02:10:41,999

and it would make sense when you think

2747

02:10:46,609 --> 02:10:43,380

about it because when you have this

2748

02:10:49,779 --> 02:10:46,619

rapid melting of ice releasing the loads

2749

02:10:53,330 --> 02:10:49,789

on the North American continent and the

2750

02:10:55,310 --> 02:10:53,340

northwestern European continent and the

2751
02:10:57,919 --> 02:10:55,320
transfer of that tremendous amount of

2752
02:11:00,859 --> 02:10:57,929
weight back into the ocean basins there

2753
02:11:03,160 --> 02:11:00,869
has to be a tectonic and seismic

2754
02:11:05,810 --> 02:11:03,170
response you can't get around

2755
02:11:08,419 --> 02:11:05,820
transferring that much mass that much

2756
02:11:10,520 --> 02:11:08,429
weight around shifting it around on the

2757
02:11:12,830 --> 02:11:10,530
surface of the earth without having a

2758
02:11:15,169 --> 02:11:12,840
subsurface response so it would make

2759
02:11:18,379 --> 02:11:15,179
totally perfect sense that you would

2760
02:11:21,049 --> 02:11:18,389
have tremendous examples of volcanism

2761
02:11:23,959 --> 02:11:21,059
and seismic activity and both of which

2762
02:11:26,390 --> 02:11:23,969
are now being documented in abundance to

2763
02:11:29,899 --> 02:11:26,400

have occurred during this transition so

2764

02:11:33,680 --> 02:11:29,909

really this whole epoch of transition

2765

02:11:35,350 --> 02:11:33,690

was like a perfect storm of stuff you

2766

02:11:38,479 --> 02:11:35,360

haven't really thought well yeah

2767

02:11:41,779 --> 02:11:38,489

actually I'm probably gonna help you

2768

02:11:44,029 --> 02:11:41,789

continue that thought we had a really

2769

02:11:45,830 --> 02:11:44,039

great show the other night with your

2770

02:11:47,479 --> 02:11:45,840

good friend at night and Gail our good

2771

02:11:50,060 --> 02:11:47,489

friend member of this family

2772

02:11:52,609 --> 02:11:50,070

and one of the things that came out in

2773

02:11:57,949 --> 02:11:52,619

my mind's eye from that conversation is

2774

02:12:00,350 --> 02:11:57,959

that these these events here now we talk

2775

02:12:01,910 --> 02:12:00,360

about you know ice ages and these these

2776

02:12:04,569 --> 02:12:01,920

these grand events but there's also

2777

02:12:07,180 --> 02:12:04,579

other things too I think to consider

2778

02:12:10,570 --> 02:12:07,190

volcanic eruptions earth

2779

02:12:14,250 --> 02:12:10,580

makes these these huge things that

2780

02:12:18,040 --> 02:12:14,260

happen that maybe these forces are

2781

02:12:20,530 --> 02:12:18,050

triggered inside this this planet of

2782

02:12:23,680 --> 02:12:20,540

course but from external forces that are

2783

02:12:26,050 --> 02:12:23,690

occurring out in in in the galaxy and

2784

02:12:27,760 --> 02:12:26,060

throughout the universe and what do you

2785

02:12:30,780 --> 02:12:27,770

think about that because we're talking

2786

02:12:33,340 --> 02:12:30,790

about the zodiac and the alignments and

2787

02:12:35,850 --> 02:12:33,350

it seems like there could be something

2788

02:12:40,180 --> 02:12:35,860

else going on that we're looking to us

2789

02:12:42,340 --> 02:12:40,190

you know of this planet and us as being

2790

02:12:43,990 --> 02:12:42,350

some of the causes of it we may not have

2791

02:12:47,530 --> 02:12:44,000

any control at all and it may be

2792

02:12:50,320 --> 02:12:47,540

happening from off-planet well I think

2793

02:12:52,810 --> 02:12:50,330

you're exactly right Jimmy and and I'll

2794

02:12:54,700 --> 02:12:52,820

try to explain a model that I think is

2795

02:12:56,950 --> 02:12:54,710

kind of something that is being

2796

02:12:59,979 --> 02:12:56,960

supported by accumulating evidence it

2797

02:13:01,720 --> 02:12:59,989

begins to make sense we've got a solar

2798

02:13:03,550 --> 02:13:01,730

system level and we have a galactic

2799

02:13:06,240 --> 02:13:03,560

level and if we look at the architecture

2800

02:13:08,709 --> 02:13:06,250

of the solar system we see we've got a

2801
02:13:10,360 --> 02:13:08,719
zone of inner planets and we have a zone

2802
02:13:12,820 --> 02:13:10,370
of outer planets much larger outer

2803
02:13:15,430 --> 02:13:12,830
planets which consists of Jupiter Saturn

2804
02:13:18,490 --> 02:13:15,440
Uranus and Neptune then if you get

2805
02:13:20,530 --> 02:13:18,500
outside the orbit of Neptune you get

2806
02:13:23,400 --> 02:13:20,540
into a zone called the Kuiper belt which

2807
02:13:26,590 --> 02:13:23,410
is a zone of billions of comets

2808
02:13:28,450 --> 02:13:26,600
presumably leftover from the original

2809
02:13:32,380 --> 02:13:28,460
construction of the solar system

2810
02:13:35,560 --> 02:13:32,390
now this belt of comets ranges from oh I

2811
02:13:39,490 --> 02:13:35,570
think about 20 astronomical units out to

2812
02:13:41,680 --> 02:13:39,500
maybe 200 astronomical units now an

2813
02:13:45,160 --> 02:13:41,690

astronomical unit is the distance from

2814

02:13:47,700 --> 02:13:45,170

the earth to the Sun okay then going way

2815

02:13:50,439 --> 02:13:47,710

beyond the Kuiper disc you get into

2816

02:13:53,880 --> 02:13:50,449

another area of a disc that's part of

2817

02:13:57,310 --> 02:13:53,890

the word cloud which is a hypothesized

2818

02:14:00,880 --> 02:13:57,320

sphere of cometary bodies that surrounds

2819

02:14:03,370 --> 02:14:00,890

the solar system way I mean way out out

2820

02:14:05,890 --> 02:14:03,380

halfway to the nearest stars so you're

2821

02:14:08,310 --> 02:14:05,900

looking at even extending out thousands

2822

02:14:11,709 --> 02:14:08,320

of light-years and not like yours

2823

02:14:16,890 --> 02:14:11,719

astronomical units from the inner solar

2824

02:14:20,800 --> 02:14:16,900

system right now it's hypothesized upon

2825

02:14:25,450 --> 02:14:20,810

you know upon reasonable conjecture

2826

02:14:29,940 --> 02:14:25,460

that the word cloud is periodically

2827

02:14:32,620 --> 02:14:29,950

affected by events on the Galactic level

2828

02:14:34,630 --> 02:14:32,630

so because of the fact that the word

2829

02:14:36,780 --> 02:14:34,640

cloud is so far away it's it's only

2830

02:14:40,060 --> 02:14:36,790

loosely bound to the inner solar system

2831

02:14:44,670 --> 02:14:40,070

so it can be affected by the

2832

02:14:49,570 --> 02:14:44,680

gravitational pull of the galaxy or

2833

02:14:51,340 --> 02:14:49,580

passing stars possibly nova events you

2834

02:14:54,520 --> 02:14:51,350

know the fact that our solar system

2835

02:14:57,490 --> 02:14:54,530

wobbles up and down above and below the

2836

02:15:00,160 --> 02:14:57,500

Galactic plane the Galactic plane is the

2837

02:15:03,520 --> 02:15:00,170

area of greatest concentration of

2838

02:15:05,620 --> 02:15:03,530

greatest density of material so as our

2839

02:15:07,810 --> 02:15:05,630

solar system oscillates above and below

2840

02:15:11,710 --> 02:15:07,820

it's possible at these events on a

2841

02:15:15,310 --> 02:15:11,720

galactic level or possibly to use the

2842

02:15:17,500 --> 02:15:15,320

scenario of Palsy of electi which was

2843

02:15:19,990 --> 02:15:17,510

the galactic pulse that periodically

2844

02:15:20,980 --> 02:15:20,000

there are core explosions at the the

2845

02:15:23,380 --> 02:15:20,990

galactic center

2846

02:15:25,750 --> 02:15:23,390

whatever the cause whether it's a

2847

02:15:27,820 --> 02:15:25,760

passing star whether it's a nova event

2848

02:15:29,770 --> 02:15:27,830

whether it's the oscillation of the

2849

02:15:32,470 --> 02:15:29,780

solar system above and below the

2850

02:15:35,830 --> 02:15:32,480

Galactic plane whether it's galactic or

2851
02:15:38,080 --> 02:15:35,840
explosions something on that level can

2852
02:15:39,970 --> 02:15:38,090
affect the word cloud and the stability

2853
02:15:42,520 --> 02:15:39,980
of comets in the Oort cloud know when

2854
02:15:45,370 --> 02:15:42,530
that happens when they become dislodged

2855
02:15:49,210 --> 02:15:45,380
from their orbits they began to migrate

2856
02:15:51,400 --> 02:15:49,220
towards the inner solar system okay now

2857
02:15:53,140 --> 02:15:51,410
what can happen is they can become short

2858
02:15:56,230 --> 02:15:53,150
period comets or they can become

2859
02:15:58,570 --> 02:15:56,240
residents of the Kuiper belt which is

2860
02:16:01,240 --> 02:15:58,580
this the zone now the disk of comets

2861
02:16:04,570 --> 02:16:01,250
that exist pretty much just outside the

2862
02:16:07,030 --> 02:16:04,580
orbit of Neptune right so now here's the

2863
02:16:10,090 --> 02:16:07,040

picture on the Galactic level comets can

2864

02:16:12,340 --> 02:16:10,100

be perturbed in the Oort cloud that can

2865

02:16:13,870 --> 02:16:12,350

send a cascade of comets towards the

2866

02:16:16,060 --> 02:16:13,880

inner solar system now it may take

2867

02:16:17,830 --> 02:16:16,070

hundreds of thousands of years for them

2868

02:16:19,750 --> 02:16:17,840

to make that journey from way out there

2869

02:16:22,570 --> 02:16:19,760

especially because they're on long

2870

02:16:24,640 --> 02:16:22,580

spiraling orbits that each each passage

2871

02:16:27,190 --> 02:16:24,650

brings them in closer to the inner solar

2872

02:16:28,450 --> 02:16:27,200

system and closer to the Sun right and

2873

02:16:31,810 --> 02:16:28,460

then you have the Kuiper disc

2874

02:16:34,810 --> 02:16:31,820

so the Kuiper disk now is close enough

2875

02:16:36,550 --> 02:16:34,820

that it can be affected by the

2876

02:16:39,430 --> 02:16:36,560

or planets and there's some very

2877

02:16:41,220 --> 02:16:39,440

interesting work that has been done what

2878

02:16:45,340 --> 02:16:41,230

were their names

2879

02:16:47,560 --> 02:16:45,350

let's see Harold Levinson Boulder

2880

02:16:49,270 --> 02:16:47,570

Colorado let's see Martin Duncan who was

2881

02:16:51,400 --> 02:16:49,280

with Queens University at Kingston

2882

02:16:52,420 --> 02:16:51,410

Ontario I'm trying to pull up my some

2883

02:16:55,690 --> 02:16:52,430

notes here

2884

02:16:59,410 --> 02:16:55,700

yeah they published a very results of a

2885

02:17:01,660 --> 02:16:59,420

very interesting study go back oh gosh

2886

02:17:04,120 --> 02:17:01,670

it's been close to 15 years now I think

2887

02:17:06,970 --> 02:17:04,130

I don't remember the exact date of it

2888

02:17:10,980 --> 02:17:06,980

but they published their studies which

2889

02:17:16,000 --> 02:17:10,990

was a computer a very sophisticated

2890

02:17:20,230 --> 02:17:16,010

computer study of how comets end up

2891

02:17:22,630 --> 02:17:20,240

being transferred into the inner solar

2892

02:17:27,250 --> 02:17:22,640

system where they can okay I found it

2893

02:17:29,170 --> 02:17:27,260

here let's see here's what it says with

2894

02:17:32,140 --> 02:17:29,180

the existence of the Kuiper belt no

2895

02:17:34,000 --> 02:17:32,150

longer in doubt this was gosh published

2896

02:17:35,830 --> 02:17:34,010

in science news I don't think I have the

2897

02:17:38,140 --> 02:17:35,840

date handy but it was about 15 years ago

2898

02:17:41,140 --> 02:17:38,150

with the existence of the Kuiper belt no

2899

02:17:43,630 --> 02:17:41,150

longer in doubt researchers have turned

2900

02:17:46,300 --> 02:17:43,640

to another question how do short period

2901
02:17:48,730 --> 02:17:46,310
comets leave this storehouse and how do

2902
02:17:51,700 --> 02:17:48,740
they venture into the inner solar system

2903
02:17:53,470 --> 02:17:51,710
a year ago researchers provided the

2904
02:17:55,960 --> 02:17:53,480
definitive answer to the first part of

2905
02:17:58,300 --> 02:17:55,970
the riddle in the simplest terms comets

2906
02:18:02,740 --> 02:17:58,310
leave the belt because it has a slow

2907
02:18:05,470 --> 02:18:02,750
leak so Martin Duncan and Stewart and

2908
02:18:07,920 --> 02:18:05,480
bud and Harold F Levison reported the

2909
02:18:11,070 --> 02:18:07,930
results of the most extensive computer

2910
02:18:16,350 --> 02:18:11,080
simulation ever done of the Kuiper belt

2911
02:18:18,730 --> 02:18:16,360
so what happens is this some of the

2912
02:18:21,580 --> 02:18:18,740
Comets that escaped from the Kuiper belt

2913
02:18:25,270 --> 02:18:21,590

move away from the solar system others

2914

02:18:27,580 --> 02:18:25,280

get flung in inward in the towards the

2915

02:18:30,610 --> 02:18:27,590

orbit of Neptune now here I'll go back

2916

02:18:32,291 --> 02:18:30,620

to quoting the article here once a comet

2917

02:18:35,800 --> 02:18:32,301

falls into Neptune's gravitational

2918

02:18:38,530 --> 02:18:35,810

clutches the other large outer planets

2919

02:18:41,320 --> 02:18:38,540

start to exert their own gravitational

2920

02:18:43,180 --> 02:18:41,330

influence in this way some comets from

2921

02:18:45,550 --> 02:18:43,190

the Kuiper belt make their way toward

2922

02:18:48,100 --> 02:18:45,560

the inner solar system where they come

2923

02:18:48,700 --> 02:18:48,110

alive in the sun's warmth now here's

2924

02:18:50,049 --> 02:18:48,710

where it gets

2925

02:18:53,049 --> 02:18:50,059

interesting here's what their computer

2926

02:18:55,930 --> 02:18:53,059

simulations showed the new calculations

2927

02:18:58,180 --> 02:18:55,940

by Levison & duncan show that one

2928

02:19:02,770 --> 02:18:58,190

shouldn't take such a model for granted

2929

02:19:07,060 --> 02:19:02,780

because it's only because Neptune Uranus

2930

02:19:10,540 --> 02:19:07,070

Saturn and Jupiter are spaced exactly

2931

02:19:13,600 --> 02:19:10,550

far enough apart that each has a chance

2932

02:19:16,600 --> 02:19:13,610

of handing off a comet to the next and

2933

02:19:19,000 --> 02:19:16,610

of course once that bucket brigade once

2934

02:19:20,799 --> 02:19:19,010

that handing off reaches Jupiter Jupiter

2935

02:19:23,049 --> 02:19:20,809

you know like the Greek god Jupiter

2936

02:19:23,620 --> 02:19:23,059

hurling his Thunderbolts hurls those

2937

02:19:25,270 --> 02:19:23,630

comets

2938

02:19:28,299 --> 02:19:25,280

either towards the Sun or hurls them

2939

02:19:30,850 --> 02:19:28,309

back out into deep space now if they get

2940

02:19:33,160 --> 02:19:30,860

hurled towards the Sun what happens they

2941

02:19:36,669 --> 02:19:33,170

become activated they come out of their

2942

02:19:39,669 --> 02:19:36,679

their deep space hibernation and they

2943

02:19:41,320 --> 02:19:39,679

begin to basically come alive now if we

2944

02:19:43,419 --> 02:19:41,330

look at the life cycle of a comet

2945

02:19:46,839 --> 02:19:43,429

there's basically five stages the

2946

02:19:48,940 --> 02:19:46,849

original stage was the aggregation which

2947

02:19:51,940 --> 02:19:48,950

was the accretion of interstellar matter

2948

02:19:54,430 --> 02:19:51,950

their condensation integration and final

2949

02:19:57,010 --> 02:19:54,440

ejection from the inner solar system and

2950

02:20:00,340 --> 02:19:57,020

this is what I refer to as the stone the

2951
02:20:02,250 --> 02:20:00,350
builders rejected and this is now what

2952
02:20:05,820 --> 02:20:02,260
sort forms the basis for the reservoir

2953
02:20:07,900 --> 02:20:05,830
of comets the second thing now is

2954
02:20:10,120 --> 02:20:07,910
hibernation because once they're in the

2955
02:20:11,650 --> 02:20:10,130
word cloud or the Kuiper disc they're so

2956
02:20:14,980 --> 02:20:11,660
far removed from the Sun that they go

2957
02:20:17,230 --> 02:20:14,990
into this state of deep freeze well the

2958
02:20:19,810 --> 02:20:17,240
third stage is activation when they

2959
02:20:22,480 --> 02:20:19,820
become perturbed by whatever source if

2960
02:20:25,030 --> 02:20:22,490
if it's the Oort cloud as I said to

2961
02:20:27,250 --> 02:20:25,040
perturbed on a galactic level if it's

2962
02:20:30,070 --> 02:20:27,260
the Kuiper disc the inner zone they get

2963
02:20:32,560 --> 02:20:30,080

perturbed by get this conjunctions of

2964

02:20:34,750 --> 02:20:32,570

the four outer planets right so we

2965

02:20:36,880 --> 02:20:34,760

almost have like an astrological model

2966

02:20:38,770 --> 02:20:36,890

here when these four outer planets as

2967

02:20:40,330 --> 02:20:38,780

this computer simulation showed are in

2968

02:20:43,300 --> 02:20:40,340

the right position relative to each

2969

02:20:45,700 --> 02:20:43,310

other and their gravitational fields

2970

02:20:48,100 --> 02:20:45,710

feedback positively and amplify each

2971

02:20:49,990 --> 02:20:48,110

other they can they can capture these

2972

02:20:53,320 --> 02:20:50,000

comets and that's when the bucket

2973

02:20:56,380 --> 02:20:53,330

brigade starts when it goes from from

2974

02:20:58,330 --> 02:20:56,390

the outer from from Neptune in to Uranus

2975

02:21:00,400 --> 02:20:58,340

from Uranus that hands it off to Saturn

2976

02:21:02,350 --> 02:21:00,410

Saturn and hands it off to Jupiter and

2977

02:21:04,690 --> 02:21:02,360

then the king of the planets

2978

02:21:06,430 --> 02:21:04,700

either throws that comet back out of the

2979

02:21:08,740 --> 02:21:06,440

solar system or throws it towards the

2980

02:21:11,261 --> 02:21:08,750

Sun once it starts moving towards the

2981

02:21:13,841 --> 02:21:11,271

Sun once this orbital transfer takes

2982

02:21:16,660 --> 02:21:13,851

place and the Sun we're journey begins

2983

02:21:19,541 --> 02:21:16,670

then the comet becomes active it starts

2984

02:21:21,820 --> 02:21:19,551

outgassing it forms a tail it begins its

2985

02:21:25,091 --> 02:21:21,830

first stages of transformation to a D

2986

02:21:27,490 --> 02:21:25,101

volatilized nuclei the next stages it

2987

02:21:30,100 --> 02:21:27,500

begins to undergo disintegration if it's

2988

02:21:31,870 --> 02:21:30,110

an icy matrix that will be vaporization

2989

02:21:34,030 --> 02:21:31,880

of the icy matrix there will be a

2990

02:21:36,190 --> 02:21:34,040

disintegration of the comet nucleus and

2991

02:21:38,291 --> 02:21:36,200

it will begin to form a meteor and dust

2992

02:21:41,230 --> 02:21:38,301

stream after successive orbits around

2993

02:21:44,350 --> 02:21:41,240

the Sun the final stage which I call

2994

02:21:47,711 --> 02:21:44,360

amalgamation is involve solar or

2995

02:21:49,631 --> 02:21:47,721

planetary encounters and this is if the

2996

02:21:52,331 --> 02:21:49,641

piece of a comet a piece of Duvall Atal

2997

02:21:54,520 --> 02:21:52,341

eyes nuclei it's a planet it creates a

2998

02:21:56,921 --> 02:21:54,530

crater so you have crater formation

2999

02:21:59,711 --> 02:21:56,931

you also have raw material injection

3000

02:22:02,620 --> 02:21:59,721

into the Earth's atmosphere into the

3001

02:22:05,350 --> 02:22:02,630

hydrosphere into the lithosphere into

3002

02:22:08,381 --> 02:22:05,360

the biosphere and I think this provides

3003

02:22:10,930 --> 02:22:08,391

a primary stimulus to the extinction

3004

02:22:12,581 --> 02:22:10,940

evolution cycles that we see and we

3005

02:22:15,761 --> 02:22:12,591

could have a whole long discussion about

3006

02:22:17,560 --> 02:22:15,771

these celestial influences on life here

3007

02:22:19,780 --> 02:22:17,570

below but I think that these represent

3008

02:22:22,240 --> 02:22:19,790

the five stages in the life cycle of a

3009

02:22:25,301 --> 02:22:22,250

comet and the final stage is that it can

3010

02:22:28,511 --> 02:22:25,311

form streams of dust it can form

3011

02:22:30,881 --> 02:22:28,521

meteorite streams it can become part of

3012

02:22:32,740 --> 02:22:30,891

the family of sungrazing comets which is

3013

02:22:34,810 --> 02:22:32,750

like a new family of comets it's only

3014

02:22:37,480 --> 02:22:34,820

been discovered within the last decade

3015

02:22:40,541 --> 02:22:37,490

or so and which shows us that that

3016

02:22:42,551 --> 02:22:40,551

comets in the inner solar system there's

3017

02:22:44,230 --> 02:22:42,561

way way more of them than anybody

3018

02:22:47,020 --> 02:22:44,240

expected but a lot of them are invisible

3019

02:22:50,171 --> 02:22:47,030

and they're seen regularly falling into

3020

02:22:53,440 --> 02:22:50,181

the Sun and these are the Sun grazing

3021

02:22:56,591 --> 02:22:53,450

comets which again is a very new thing

3022

02:22:58,631 --> 02:22:56,601

but seems to be a potential trigger for

3023

02:23:01,270 --> 02:22:58,641

heightened solar activity if the

3024

02:23:04,051 --> 02:23:01,280

cometary mass plunging into the Sun is

3025

02:23:06,581 --> 02:23:04,061

big enough it may serve as a trigger

3026

02:23:09,160 --> 02:23:06,591

let's see in I'm pulling up something

3027

02:23:12,370 --> 02:23:09,170

else here my heavy do you know how heavy

3028

02:23:14,359 --> 02:23:12,380

of a thought that is you know to wrap

3029

02:23:16,699 --> 02:23:14,369

your mind around and

3030

02:23:20,989 --> 02:23:16,709

who would have considered this in the

3031

02:23:23,859 --> 02:23:20,999

past that is very very fitting and

3032

02:23:27,739 --> 02:23:23,869

here's the really remarkable thing Jimmy

3033

02:23:31,039 --> 02:23:27,749

we're talking about an architecture of a

3034

02:23:33,439 --> 02:23:31,049

solar system here because if it's the

3035

02:23:35,269 --> 02:23:33,449

outer planets we're not aligned exactly

3036

02:23:37,969 --> 02:23:35,279

as they were and by implication it also

3037

02:23:40,909 --> 02:23:37,979

is the the masses of them have to be

3038

02:23:44,419 --> 02:23:40,919

exactly the same this orbital transfer

3039

02:23:47,269 --> 02:23:44,429

of comets could not happen well as we're

3040

02:23:49,579 --> 02:23:47,279

finding out comets may be the harbingers

3041

02:23:53,149 --> 02:23:49,589

of life on earth they probably are they

3042

02:23:56,239 --> 02:23:53,159

almost certainly are delivering the raw

3043

02:23:58,849 --> 02:23:56,249

materials for the formation of primitive

3044

02:24:01,939 --> 02:23:58,859

and both primitive and higher life forms

3045

02:24:05,689 --> 02:24:01,949

so what's interesting here is the same

3046

02:24:10,999 --> 02:24:05,699

force the same celestial agency could be

3047

02:24:12,919 --> 02:24:11,009

not only the destroyer of ecosystems the

3048

02:24:15,169 --> 02:24:12,929

destroyer of civilizations it could also

3049

02:24:18,289 --> 02:24:15,179

be what triggers the birth of new

3050

02:24:22,760 --> 02:24:18,299

systems new eco systems by introducing

3051

02:24:25,429 --> 02:24:22,770

the raw material for genetic mutations

3052

02:24:27,379 --> 02:24:25,439

and we're beginning to find that kind of

3053

02:24:30,379 --> 02:24:27,389

evidence for example in the wake of the

3054

02:24:32,719 --> 02:24:30,389

Tunguska event of 1908 all kinds of

3055

02:24:36,139 --> 02:24:32,729

interesting genetic anomalies are being

3056

02:24:39,109 --> 02:24:36,149

discovered ever accelerated evolution

3057

02:24:40,789 --> 02:24:39,119

and so on and there's a whole science I

3058

02:24:43,459 --> 02:24:40,799

think that we're just on the very verge

3059

02:24:45,919 --> 02:24:43,469

of beginning to understand about the

3060

02:24:48,679 --> 02:24:45,929

relation of life that life is ultimately

3061

02:24:51,019 --> 02:24:48,689

cosmic in origin and not terrestrial and

3062

02:24:52,309 --> 02:24:51,029

see if that's the case Jimmy look over

3063

02:24:53,719 --> 02:24:52,319

city look what we're thinking about you

3064

02:24:55,659 --> 02:24:53,729

when you start looking at the

3065

02:24:58,489 --> 02:24:55,669

architecture of the solar system you

3066

02:25:01,669 --> 02:24:58,499

can't change those parameters hardly at

3067

02:25:03,529 --> 02:25:01,679

all and the whole thing disappears all

3068

02:25:06,439 --> 02:25:03,539

of it life on Earth is gone right

3069

02:25:09,139 --> 02:25:06,449

everything that is this is issued from

3070

02:25:12,169 --> 02:25:09,149

primitive life in the oceans coming out

3071

02:25:14,899 --> 02:25:12,179

of the oceans you know because think

3072

02:25:17,779 --> 02:25:14,909

about this in order to transfer life

3073

02:25:19,699 --> 02:25:17,789

from the oceans from marine existence to

3074

02:25:21,760 --> 02:25:19,709

a land-based existence you have to have

3075

02:25:24,889 --> 02:25:21,770

this interim zone you have to have a

3076

02:25:26,659 --> 02:25:24,899

transitory zone right what provides

3077

02:25:28,171 --> 02:25:26,669

that transitory zone it's the

3078

02:25:33,331 --> 02:25:28,181

intertidal zone

3079

02:25:35,581 --> 02:25:33,341

the tides and what creates the tides the

3080

02:25:39,570 --> 02:25:35,591

moon take the moon away and you've got

3081

02:25:44,041 --> 02:25:39,580

no way to get primitive life out of the

3082

02:25:46,560 --> 02:25:44,051

waters of the ocean onto land so without

3083

02:25:50,310 --> 02:25:46,570

getting too teleological here I can't

3084

02:25:53,940 --> 02:25:50,320

help but look at the what would we say

3085

02:25:56,610 --> 02:25:53,950

the Goldilocks conditions of our solar

3086

02:25:59,881 --> 02:25:56,620

system that have to be just exactly

3087

02:26:01,470 --> 02:25:59,891

right or none of this happens you know

3088

02:26:04,261 --> 02:26:01,480

if we were to close if we were a little

3089

02:26:06,211 --> 02:26:04,271

bit closer to the Sun man it's too hot

3090

02:26:07,801 --> 02:26:06,221

that's really the whole planet would

3091

02:26:09,600 --> 02:26:07,811

become desert if we're a little bit

3092

02:26:11,850 --> 02:26:09,610

further away the whole planet becomes

3093

02:26:13,140 --> 02:26:11,860

locked in a permanent ice age if we're a

3094

02:26:15,900 --> 02:26:13,150

little bit smaller

3095

02:26:18,091 --> 02:26:15,910

well the gravitation field is too weak

3096

02:26:20,730 --> 02:26:18,101

right if we're a little bit bigger the

3097

02:26:22,621 --> 02:26:20,740

gravitational field is too big and too

3098

02:26:25,051 --> 02:26:22,631

great and we would basically never get

3099

02:26:28,051 --> 02:26:25,061

beyond we would all be slugs we would be

3100

02:26:30,331 --> 02:26:28,061

slugs now having this conversation but

3101
02:26:32,160 --> 02:26:30,341
you see what I'm getting into is once we

3102
02:26:35,400 --> 02:26:32,170
start defining the parameters we

3103
02:26:38,430 --> 02:26:35,410
realized that turn it looks like this

3104
02:26:41,100 --> 02:26:38,440
whole system was designed or the most

3105
02:26:43,410 --> 02:26:41,110
bizarre accident and how many times

3106
02:26:45,780 --> 02:26:43,420
could this accident have occurred in the

3107
02:26:49,680 --> 02:26:45,790
galaxy or even in the universe I have no

3108
02:26:51,331 --> 02:26:49,690
idea I don't know we've got three

3109
02:26:53,190 --> 02:26:51,341
minutes to the break two minutes I'm

3110
02:26:54,841 --> 02:26:53,200
gonna get this thought out I'm gonna

3111
02:26:59,400 --> 02:26:54,851
keep you for overtime you're not going

3112
02:27:01,950 --> 02:26:59,410
to go to bed yet is is this after every

3113
02:27:04,680 --> 02:27:01,960

mass extinction that we had on this

3114

02:27:07,591 --> 02:27:04,690

planet and some of them were huge were

3115

02:27:12,900 --> 02:27:07,601

90 you know five 90 percent of

3116

02:27:14,871 --> 02:27:12,910

everything died we had every tens of

3117

02:27:17,581 --> 02:27:14,881

thousands if not millions of species

3118

02:27:20,570 --> 02:27:17,591

sprouted up overnight so how did they

3119

02:27:23,070 --> 02:27:20,580

get here how did that happen you know I

3120

02:27:27,001 --> 02:27:23,080

could it have been a comet was there

3121

02:27:30,301 --> 02:27:27,011

some kind of cosmic event where we just

3122

02:27:32,610 --> 02:27:30,311

got receded overnight

3123

02:27:36,301 --> 02:27:32,620

well have you heard of the theory of

3124

02:27:39,780 --> 02:27:36,311

panspermia absolutely of course you have

3125

02:27:42,720 --> 02:27:39,790

yeah now which is certainly I think a

3126
02:27:45,720 --> 02:27:42,730
very as plausible as any as through the

3127
02:27:47,700 --> 02:27:45,730
origin of life on earth now of course a

3128
02:27:50,551 --> 02:27:47,710
sceptic could say well then how do you

3129
02:27:53,040 --> 02:27:50,561
explain the the source of life even if

3130
02:27:55,470 --> 02:27:53,050
it's cosmic an the answer quite honestly

3131
02:27:57,990 --> 02:27:55,480
is I don't know and nobody else knows

3132
02:27:59,640 --> 02:27:58,000
all we can do is speculate you know our

3133
02:28:02,190 --> 02:27:59,650
great occultist at the early part of the

3134
02:28:03,751 --> 02:28:02,200
20th century said well it was just it

3135
02:28:05,400 --> 02:28:03,761
was all the miracle at the beginning and

3136
02:28:07,830 --> 02:28:05,410
everything since then has been physics

3137
02:28:08,881 --> 02:28:07,840
right so we can push it back to the

3138
02:28:10,620 --> 02:28:08,891

whatever at the beginning of the

3139

02:28:13,381 --> 02:28:10,630

universe and yeah nobody can explain

3140

02:28:15,421 --> 02:28:13,391

that nobody can explain what existed

3141

02:28:16,860 --> 02:28:15,431

before the universe well you know what

3142

02:28:19,830 --> 02:28:16,870

does it even mean to ask that question

3143

02:28:22,620 --> 02:28:19,840

what existed before time what existed

3144

02:28:25,110 --> 02:28:22,630

before space you know it I don't usually

3145

02:28:26,700 --> 02:28:25,120

even go there because I'm you know I'm

3146

02:28:28,921 --> 02:28:26,710

gonna leave that to the cosmologists

3147

02:28:31,080 --> 02:28:28,931

I've got to take a little closer to home

3148

02:28:38,001 --> 02:28:31,090

so I've kind of put my limits you know

3149

02:28:43,740 --> 02:28:40,890

have to put limits somewhere no you

3150

02:28:45,480 --> 02:28:43,750

don't Randall into this the second and

3151

02:28:48,150 --> 02:28:45,490

we start putting limits on asking

3152

02:28:49,470 --> 02:28:48,160

questions and and and pondering the

3153

02:28:52,620 --> 02:28:49,480

existence of everything

3154

02:29:01,980 --> 02:28:52,630

we lose so don't stop and let's continue

3155

02:29:03,720 --> 02:29:01,990

at all break tonight the one and only

3156

02:29:05,040 --> 02:29:03,730

Randall Carlson we're gonna do some

3157

02:29:05,910 --> 02:29:05,050

overtime right here we're gonna pick

3158

02:29:08,190 --> 02:29:05,920

this up when we come back

3159

02:29:11,490 --> 02:29:08,200

listen Randall I just got a couple of a

3160

02:29:14,700 --> 02:29:11,500

text and an email and a tweet saying we

3161

02:29:17,640 --> 02:29:14,710

can't let the recap structure go so

3162

02:29:19,560 --> 02:29:17,650

let's say I wrote it down we'll come

3163

02:29:21,961 --> 02:29:19,570

back and discuss that this is fade to

3164

02:29:25,800 --> 02:29:21,971

black our guest tonight Randall Carly

3165

02:29:41,830 --> 02:29:39,150

[Music]

3166

02:29:44,650 --> 02:29:41,840

Viveca box here and you are listening to

3167

02:29:50,100 --> 02:29:44,660

my boy Jimmy Church Oh Jimmy Church

3168

02:29:54,290 --> 02:29:50,110

radio.com this my popular opinion

3169

02:29:57,240 --> 02:29:54,300

reading a book will not make you smarter

3170

02:30:00,290 --> 02:29:57,250

but listening to Jimmy church will

3171

02:30:04,559 --> 02:30:00,300

[Applause]

3172

02:30:06,450 --> 02:30:04,569

hurricanes earthquakes wildfires this

3173

02:30:08,910 --> 02:30:06,460

year we've experienced more than our

3174

02:30:11,219 --> 02:30:08,920

fair share this is Jimmy Church a fade

3175

02:30:13,230 --> 02:30:11,229

to black and last month I decided to

3176
02:30:15,090 --> 02:30:13,240
make sure my family does not have to

3177
02:30:17,809 --> 02:30:15,100
worry about food that should we get

3178
02:30:19,380 --> 02:30:17,819
caught in a real emergency situation

3179
02:30:21,480 --> 02:30:19,390
introducing Humana

3180
02:30:23,400 --> 02:30:21,490
a healthy storable product that tastes

3181
02:30:25,410 --> 02:30:23,410
so good that you'll want to eat it every

3182
02:30:27,870 --> 02:30:25,420
day instead of just during those times

3183
02:30:31,260 --> 02:30:27,880
of duress all new manna products have a

3184
02:30:33,920 --> 02:30:31,270
25 year shelf life our msg and GMO free

3185
02:30:36,360 --> 02:30:33,930
no preservatives and are made in America

3186
02:30:38,130 --> 02:30:36,370
with the new manna pack in your home

3187
02:30:40,950 --> 02:30:38,140
you'll be able to sleep at night knowing

3188
02:30:44,099 --> 02:30:40,960

that you protected your family not only

3189

02:30:46,469 --> 02:30:44,109

have I tasted and tested I own it now

3190

02:30:48,809 --> 02:30:46,479

you can too just click on the new manna

3191

02:30:50,849 --> 02:30:48,819

banner on Jimmy Church radio.com and use

3192

02:30:53,250 --> 02:30:50,859

the promo code Jimmy when you order in

3193

02:30:55,250 --> 02:30:53,260

addition to a discount we'll send you an

3194

02:30:59,400 --> 02:30:55,260

autograph fade to black t-shirt

3195

02:31:01,440 --> 02:30:59,410

seriously gobekli tepe this is Jimmy

3196

02:31:04,500 --> 02:31:01,450

Church of fade to black and I take life

3197

02:31:07,710 --> 02:31:04,510

change tea supplements every single day

3198

02:31:12,929 --> 02:31:07,720

it's what I do click on their banner ad

3199

02:31:15,809 --> 02:31:12,939

Jimmy Church radio.com when you take the

3200

02:31:18,179 --> 02:31:15,819

beans from Central America with dashes

3201
02:31:20,580 --> 02:31:18,189
of indonesian and african mixed in and

3202
02:31:23,670 --> 02:31:20,590
then roast it to the dark side of fade

3203
02:31:26,820 --> 02:31:23,680
to black you create the ultimate brew of

3204
02:31:30,570 --> 02:31:26,830
Fringe introducing the fade to black

3205
02:31:33,179 --> 02:31:30,580
blend from River moon coffee yes River

3206
02:31:36,179 --> 02:31:33,189
moons darkest customized roast was

3207
02:31:39,210 --> 02:31:36,189
created for the love of fade to black

3208
02:31:41,880 --> 02:31:39,220
the alchemy of masterful roasting and

3209
02:31:45,450 --> 02:31:41,890
smoking the beans is in every sip of

3210
02:31:48,420 --> 02:31:45,460
this full-bodied dark Java I need my

3211
02:31:50,760 --> 02:31:48,430
coffee dog deep with distinct

3212
02:31:53,490 --> 02:31:50,770
bittersweet chocolate highlights just

3213
02:31:55,889 --> 02:31:53,500

like the bunker leaning further into the

3214

02:31:58,511 --> 02:31:55,899

darkness of the roast is fade to black

3215

02:32:00,461 --> 02:31:58,521

blend from Reber moon coffee

3216

02:32:03,371 --> 02:32:00,471

just click on the banner at Jimmy Church

3217

02:32:06,961 --> 02:32:03,381

radio.com and use the promo code F to be

3218

02:32:11,591 --> 02:32:06,971

blend for 15% off of your order today

3219

02:32:13,480 --> 02:32:11,601

gobekli tepe hi folks CBD is the home

3220

02:32:15,280 --> 02:32:13,490

run hitter for health right now why do

3221

02:32:17,860 --> 02:32:15,290

you ask because of what it does for the

3222

02:32:19,211 --> 02:32:17,870

body unfortunately I can't tell you all

3223

02:32:21,730 --> 02:32:19,221

about the benefit you know there's

3224

02:32:23,921 --> 02:32:21,740

reasons do your due diligence and log on

3225

02:32:26,501 --> 02:32:23,931

to ancient life oil calm that's ancient

3226

02:32:28,480 --> 02:32:26,511

life oil calm angel life oil uses

3227

02:32:30,371 --> 02:32:28,490

organic ingredients and is blended in

3228

02:32:33,390 --> 02:32:30,381

coconut oil for some of the best

3229

02:32:35,980 --> 02:32:33,400

benefits legal in 50 states and none

3230

02:32:39,640 --> 02:32:35,990

psychoactive logon to ancient life oil

3231

02:32:41,560 --> 02:32:39,650

calm that's ancient life oil calm this

3232

02:32:44,381 --> 02:32:41,570

is Jimmy Church of fade to black and my

3233

02:32:47,741 --> 02:32:44,391

family is safe because of new mana

3234

02:32:49,570 --> 02:32:47,751

emergency food storage just go to the

3235

02:32:55,480 --> 02:32:49,580

new mana banner at Jimmy Church

3236

02:32:58,211 --> 02:32:55,490

radio.com promo code jimmy 10 are you

3237

02:33:00,730 --> 02:32:58,221

intrigued by paranormal talk radio you

3238

02:33:03,701 --> 02:33:00,740

love the new paranormal radio app from

3239

02:33:05,921 --> 02:33:03,711

torque stream live you'll find a great

3240

02:33:09,041 --> 02:33:05,931

selection of talk shows covering UFOs

3241

02:33:11,470 --> 02:33:09,051

ghosts strange phenomena and much more

3242

02:33:13,690 --> 02:33:11,480

download the paranormal radio app now

3243

02:33:16,001 --> 02:33:13,700

and start listening to the very best in

3244

02:33:17,530 --> 02:33:16,011

paranormal talk entertainment including

3245

02:33:20,530 --> 02:33:17,540

the network you're listening to right

3246

02:33:30,810 --> 02:33:20,540

now the paranormal radio app free in

3247

02:33:45,341 --> 02:33:34,540

it's not a lifestyle we chose we were

3248

02:33:50,100 --> 02:33:45,351

born this way k GRA radio.com this is KJ

3249

02:33:50,110 --> 02:34:01,910

[Music]

3250

02:34:06,120 --> 02:34:04,410

welcome back fade to black on me hosting

3251

02:34:07,559 --> 02:34:06,130

the church our guest tonight Randall

3252

02:34:09,240 --> 02:34:07,569

Carl some we're gonna roll this thing

3253

02:34:15,479 --> 02:34:09,250

into doing some overtime we'll try to

3254

02:34:17,729 --> 02:34:15,489

get everything in sacred geometry

3255

02:34:19,290 --> 02:34:17,739

international.com is the website and the

3256

02:34:20,729 --> 02:34:19,300

links for that or over at a jimmy church

3257

02:34:23,040 --> 02:34:20,739

radio.com you don't have to type the

3258

02:34:28,590 --> 02:34:23,050

whole thing and just click it's very

3259

02:34:34,160 --> 02:34:28,600

simple randall years ago i somebody led

3260

02:34:39,330 --> 02:34:34,170

me to the recap structure over in

3261

02:34:43,320 --> 02:34:39,340

mauritania and yeah and and i remember

3262

02:34:47,340 --> 02:34:43,330

back then goofing around on Google Maps

3263

02:34:49,519 --> 02:34:47,350

and and I saw this thing in Africa

3264

02:34:51,990 --> 02:34:49,529

you know and I'm just rolling around

3265

02:34:53,519 --> 02:34:52,000

Africa right you know whatever going to

3266

02:34:55,620 --> 02:34:53,529

a giza and you know just doing the

3267

02:34:58,769 --> 02:34:55,630

things that you do and in satellite and

3268

02:35:01,559 --> 02:34:58,779

I see it and I went oh that's what you

3269

02:35:03,620 --> 02:35:01,569

know and I zoomed and you can see it is

3270

02:35:06,389 --> 02:35:03,630

one of the most incredible structures

3271

02:35:09,030 --> 02:35:06,399

anywhere on this planet that it should

3272

02:35:11,490 --> 02:35:09,040

be discussed we should have talked about

3273

02:35:15,210 --> 02:35:11,500

it at the beginning of this show you

3274

02:35:19,769 --> 02:35:15,220

know terrain what is going on there what

3275

02:35:22,530 --> 02:35:19,779

is it well I think initially when it was

3276

02:35:25,649 --> 02:35:22,540

first seen during the early days of the

3277

02:35:28,320 --> 02:35:25,659

space program let's see was it seen not

3278

02:35:30,300 --> 02:35:28,330

you're probably back in the early 70s

3279

02:35:32,700 --> 02:35:30,310

maybe you know even even the late

3280

02:35:37,439 --> 02:35:32,710

sixties because I know that Robert Dietz

3281

02:35:40,170 --> 02:35:37,449

was one of the premier astronomers

3282

02:35:42,510 --> 02:35:40,180

studying meteorite impacts back in the

3283

02:35:44,010 --> 02:35:42,520

sixties and I know he he wrote an

3284

02:35:47,429 --> 02:35:44,020

article on it that I think came out in

3285

02:35:49,800 --> 02:35:47,439

1968 and of course initially because of

3286

02:35:52,439 --> 02:35:49,810

the multi ringed nature of the structure

3287

02:35:54,660 --> 02:35:52,449

it was proposed as being the result of

3288

02:35:57,750 --> 02:35:54,670

the some type of an impact probably a an

3289

02:36:00,630 --> 02:35:57,760

asteroid right because impacts into the

3290

02:36:03,300 --> 02:36:00,640

crust be multi ring structures and there

3291

02:36:04,679 --> 02:36:03,310

was material that looked like the type

3292

02:36:06,809 --> 02:36:04,689

of shocked material that you find

3293

02:36:09,120 --> 02:36:06,819

associated with those types of the

3294

02:36:10,800 --> 02:36:09,130

impacts on in this case the material was

3295

02:36:12,030 --> 02:36:10,810

called koa site and so it seemed like

3296

02:36:15,360 --> 02:36:12,040

when they discovered the shocked

3297

02:36:18,180 --> 02:36:15,370

material that was a clincher that it was

3298

02:36:19,980 --> 02:36:18,190

impact produced however other geologists

3299

02:36:22,620 --> 02:36:19,990

came along later took a closer look and

3300

02:36:25,230 --> 02:36:22,630

didn't believe that the KOA site the

3301

02:36:28,230 --> 02:36:25,240

shocked minerals that they presumably

3302

02:36:29,850 --> 02:36:28,240

found were in fact shocked minerals the

3303

02:36:31,830 --> 02:36:29,860

subsequent studies seem to have

3304

02:36:34,290 --> 02:36:31,840

suggested that it was not impact

3305

02:36:36,990 --> 02:36:34,300

produced but that it was likely produced

3306

02:36:39,420 --> 02:36:37,000

from upwelling pressure in a

3307

02:36:42,330 --> 02:36:39,430

hydrothermal vent below which created

3308

02:36:46,070 --> 02:36:42,340

basically a large bubble picture if you

3309

02:36:49,080 --> 02:36:46,080

can bubble that's now like 30 miles wide

3310

02:36:51,360 --> 02:36:49,090

probably thousands of feet high with

3311

02:36:53,960 --> 02:36:51,370

multiple layers in it and this bubble

3312

02:36:56,850 --> 02:36:53,970

because of the the pressure from below

3313

02:37:00,980 --> 02:36:56,860

raises up causes the crust to bulge out

3314

02:37:03,000 --> 02:37:00,990

right so now this undergoes a lot of

3315

02:37:04,620 --> 02:37:03,010

metamorphism because of the intense

3316

02:37:07,860 --> 02:37:04,630

pressure of the uplift but then it

3317

02:37:11,250 --> 02:37:07,870

pretty much solidifies in that state and

3318

02:37:13,560 --> 02:37:11,260

then over millions of years in this case

3319

02:37:17,011 --> 02:37:13,570

because most of the rock there are

3320

02:37:18,960 --> 02:37:17,021

limestone dolomite switch are have been

3321

02:37:21,000 --> 02:37:18,970

dated to the Ordovician period which

3322

02:37:23,341 --> 02:37:21,010

puts them at about 400 million years old

3323

02:37:25,920 --> 02:37:23,351

now if you can picture a bubble a

3324

02:37:29,011 --> 02:37:25,930

layered bubble rising up and then you

3325

02:37:31,530 --> 02:37:29,021

hear the top of that bubble off and what

3326

02:37:33,750 --> 02:37:31,540

it's doing is exposing the layers that

3327

02:37:36,150 --> 02:37:33,760

have been up thrust that the in

3328

02:37:39,841 --> 02:37:36,160

geological terms are dipping towards the

3329

02:37:41,580 --> 02:37:39,851

outside of the structure so there is you

3330

02:37:46,500 --> 02:37:41,590

know some discussion now whether or not

3331

02:37:48,810 --> 02:37:46,510

that could be Atlantis I don't believe

3332

02:37:53,370 --> 02:37:48,820

it was Atlantis because I don't think it

3333

02:37:54,870 --> 02:37:53,380

fits plato's narrative in many ways but

3334

02:37:57,540 --> 02:37:54,880

it is certainly an interesting and

3335

02:37:59,490 --> 02:37:57,550

enigmatic structure mostly the rocks are

3336

02:38:02,280 --> 02:37:59,500

lime stones like I said dolomite there

3337

02:38:06,210 --> 02:38:02,290

are some mud stones there's some sand

3338

02:38:08,790 --> 02:38:06,220

stones what else I think it's mostly

3339

02:38:11,910 --> 02:38:08,800

those kind of five types of rocks which

3340

02:38:13,560 --> 02:38:11,920

you know all natural rocks that form but

3341

02:38:15,841 --> 02:38:13,570

see underneath the thing are these

3342

02:38:17,940 --> 02:38:15,851

hydrothermal vents and these kimberlite

3343

02:38:20,580 --> 02:38:17,950

pipes or their kimberlite pipe which is

3344

02:38:22,350 --> 02:38:20,590

where you know a lot of the diamond

3345

02:38:24,480 --> 02:38:22,360

mines today are in these kimberlite

3346

02:38:27,570 --> 02:38:24,490

pipes where you have tremendous pressure

3347

02:38:29,260 --> 02:38:27,580

upwelling from below and so underneath

3348

02:38:31,599 --> 02:38:29,270

the recants structure there

3349

02:38:33,969 --> 02:38:31,609

a plumbing system see which to me

3350

02:38:36,580 --> 02:38:33,979

clearly points out that whatever its

3351

02:38:39,609 --> 02:38:36,590

origin its natural and so I'm inclined

3352

02:38:44,550 --> 02:38:39,619

now to believe that it is an energetic

3353

02:38:47,290 --> 02:38:44,560

endo genic consequence of an antigenic

3354

02:38:48,760 --> 02:38:47,300

process something along the lines of

3355

02:38:51,910 --> 02:38:48,770

what I just described and I think that's

3356

02:38:54,609 --> 02:38:51,920

conforms more or less to what most of

3357

02:38:55,750 --> 02:38:54,619

the recent studies the betters have been

3358

02:38:57,580 --> 02:38:55,760

a few studies on it

3359

02:38:59,740 --> 02:38:57,590

oh that have come out in the last few

3360

02:39:02,740 --> 02:38:59,750

years and I would have to refresh myself

3361

02:39:04,750 --> 02:39:02,750

on it but well you know what I find

3362

02:39:07,330 --> 02:39:04,760

fascinating there's like three points

3363

02:39:10,240 --> 02:39:07,340

that for me stick out here one

3364

02:39:16,019 --> 02:39:10,250

there's not even a road going to it

3365

02:39:19,269 --> 02:39:16,029

right it's so remote it's not really

3366

02:39:22,929 --> 02:39:19,279

investigated or it is you know a little

3367

02:39:25,120 --> 02:39:22,939

bit but it's so remote nobody goes to it

3368

02:39:27,670 --> 02:39:25,130

that's the first thing and I find that

3369

02:39:30,189 --> 02:39:27,680

very interesting the second thing when I

3370

02:39:32,849 --> 02:39:30,199

look at all of these pictures I've had

3371

02:39:37,599 --> 02:39:32,859

taken over the years it looks to me like

3372

02:39:40,389 --> 02:39:37,609

it could have been what probably was for

3373

02:39:43,149 --> 02:39:40,399

sure surrounded by water and it looks

3374

02:39:47,469 --> 02:39:43,159

like it's been draining out on the on

3375

02:39:49,269 --> 02:39:47,479

the southern southwestern I would say

3376

02:39:51,069 --> 02:39:49,279

seven o'clock I think is the right

3377

02:39:55,439 --> 02:39:51,079

number I want to kind of pick out here

3378

02:39:58,179 --> 02:39:55,449

and it's been draining out to the ocean

3379

02:40:00,880 --> 02:39:58,189

for a year it looks like there's a river

3380

02:40:05,010 --> 02:40:00,890

that that reaches out to the west side

3381

02:40:08,979 --> 02:40:05,020

of Africa that's what it looks to me

3382

02:40:11,380 --> 02:40:08,989

Atlantis possibly could be and I

3383

02:40:13,300 --> 02:40:11,390

understand why that's a thought but it

3384

02:40:16,090 --> 02:40:13,310

definitely looks like it was surrounded

3385

02:40:18,429 --> 02:40:16,100

by water at some point oh I think

3386

02:40:20,279 --> 02:40:18,439

clearly it was it at some point and you

3387

02:40:23,260 --> 02:40:20,289

know the fact that what we're seeing

3388

02:40:25,300 --> 02:40:23,270

going back to the bubble analogy before

3389

02:40:28,149 --> 02:40:25,310

what we're seeing is the core of that

3390

02:40:29,380 --> 02:40:28,159

bubble you know if you picture let's see

3391

02:40:30,929 --> 02:40:29,390

what tonight what could I use as an

3392

02:40:33,819 --> 02:40:30,939

analogy that the listener could

3393

02:40:35,889 --> 02:40:33,829

visualize do you think of any spiracle

3394

02:40:37,840 --> 02:40:35,899

ball and think of everybody seemed

3395

02:40:39,939 --> 02:40:37,850

pictures of the earth right and how

3396

02:40:41,540 --> 02:40:39,949

you've got the lithosphere the

3397

02:40:43,400 --> 02:40:41,550

asthenosphere the mantle

3398

02:40:46,280 --> 02:40:43,410

the core and it's off it's later right

3399

02:40:49,429 --> 02:40:46,290

well imagine a sphere with a bunch of

3400

02:40:51,530 --> 02:40:49,439

layers and then you basically dekappa

3401

02:40:53,750 --> 02:40:51,540

you cut off like the top say

3402

02:40:55,969 --> 02:40:53,760

three-fifths of that sphere and you

3403

02:40:58,219 --> 02:40:55,979

expose now what you would be looking at

3404

02:41:03,080 --> 02:40:58,229

would be rings can you can you visualize

3405

02:41:05,050 --> 02:41:03,090

that I'm looking at it yes yes okay you

3406

02:41:07,429 --> 02:41:05,060

would see rings and that's what we're

3407

02:41:10,190 --> 02:41:07,439

looking at there and that seems I think

3408

02:41:12,130 --> 02:41:10,200

50 the evidence because of the fact of

3409

02:41:14,770 --> 02:41:12,140

this kimberlite pipe being underneath it

3410

02:41:18,440 --> 02:41:14,780

suggested yes there was a magnetic

3411

02:41:20,929 --> 02:41:18,450

magmatic upwelling that then created

3412

02:41:24,050 --> 02:41:20,939

immense pressure below the crust and

3413

02:41:26,030 --> 02:41:24,060

caused the crust to bulge up now over

3414

02:41:29,150 --> 02:41:26,040

succession of millions of years and

3415

02:41:32,030 --> 02:41:29,160

possibly even with catastrophic flooding

3416

02:41:35,500 --> 02:41:32,040

water would have been the primary agent

3417

02:41:39,469 --> 02:41:35,510

in roading away the top of that bubble

3418

02:41:42,370 --> 02:41:39,479

exposing the rings below you see and if

3419

02:41:45,440 --> 02:41:42,380

it's consistent with what I believe the

3420

02:41:48,590 --> 02:41:45,450

geological record shows there have been

3421

02:41:50,900 --> 02:41:48,600

a succession of just as Plato describes

3422

02:41:52,880 --> 02:41:50,910

a succession of gigantic floods that

3423

02:41:54,710 --> 02:41:52,890

have occurred through time and this was

3424

02:41:57,050 --> 02:41:54,720

part of the tradition that was being

3425

02:41:59,150 --> 02:41:57,060

handed down by the Egyptian priests to

3426

02:42:02,179 --> 02:41:59,160

Seoul on who was the one who carried the

3427

02:42:05,900 --> 02:42:02,189

original story of Atlantis back to eat

3428

02:42:08,210 --> 02:42:05,910

it back to Greece and they describe I

3429

02:42:09,889 --> 02:42:08,220

see the thing I think that his ship

3430

02:42:11,840 --> 02:42:09,899

brought about people making this

3431

02:42:14,599 --> 02:42:11,850

correlation is the the ring like

3432

02:42:17,420 --> 02:42:14,609

structure right because Plato describes

3433

02:42:21,080 --> 02:42:17,430

a Multi ring structure there was the

3434

02:42:23,179 --> 02:42:21,090

city core of the of Atlantis however I

3435

02:42:24,710 --> 02:42:23,189

mean the dimensions he uses are not

3436

02:42:26,570 --> 02:42:24,720

really consistent with the recap

3437

02:42:30,320 --> 02:42:26,580

structure the recod structure is much

3438

02:42:34,130 --> 02:42:30,330

much bigger than the the raine

3439

02:42:37,580 --> 02:42:34,140

structure that Plato describes in in the

3440

02:42:39,620 --> 02:42:37,590

Critias which is a I would highly

3441

02:42:41,929 --> 02:42:39,630

recommend anybody who is interested in

3442

02:42:44,780 --> 02:42:41,939

this kind of thing it's mandatory that

3443

02:42:47,750 --> 02:42:44,790

you read the to play those two dialogues

3444

02:42:49,580 --> 02:42:47,760

Timaeus and Critias because that there's

3445

02:42:51,080 --> 02:42:49,590

so much packed into those two short

3446

02:42:55,250 --> 02:42:51,090

dialogues about everything we've been

3447

02:42:58,280 --> 02:42:55,260

talking about that it's definitely

3448

02:43:00,769 --> 02:42:58,290

on the prerequisite list for anybody who

3449

02:43:02,719 --> 02:43:00,779

is interested in ancient traditions or

3450

02:43:06,500 --> 02:43:02,729

ancient mythology or ancient tradition

3451
02:43:08,750 --> 02:43:06,510
ancient mysteries etc so my take on the

3452
02:43:10,250 --> 02:43:08,760
recap structure is it it's intergenic

3453
02:43:11,809 --> 02:43:10,260
it's natural it may have been

3454
02:43:14,269 --> 02:43:11,819
catastrophic it probably was

3455
02:43:16,460 --> 02:43:14,279
catastrophic we know that there was a

3456
02:43:18,769 --> 02:43:16,470
major one of the major mass extinctions

3457
02:43:20,960 --> 02:43:18,779
during the Ordovician now I don't know

3458
02:43:22,940 --> 02:43:20,970
if that would be associated with the

3459
02:43:26,719 --> 02:43:22,950
forces that created the recap structure

3460
02:43:28,670 --> 02:43:26,729
but it certainly is plausible see but

3461
02:43:31,010 --> 02:43:28,680
yes and then then the fact that it's

3462
02:43:33,980 --> 02:43:31,020
highly erosive it reminds me a lot of

3463
02:43:37,010 --> 02:43:33,990

upheaval dome in Utah which was a buried

3464

02:43:38,950 --> 02:43:37,020

structure probably impact produced but

3465

02:43:42,050 --> 02:43:38,960

they're still arguing whether it was a

3466

02:43:44,690 --> 02:43:42,060

dome from pressure below or whether it

3467

02:43:46,280 --> 02:43:44,700

was created from above but in either

3468

02:43:50,840 --> 02:43:46,290

case you have a multi ring structure

3469

02:43:53,420 --> 02:43:50,850

that was exposed to the basically to the

3470

02:43:55,370 --> 02:43:53,430

light of day by these intense erosional

3471

02:43:57,620 --> 02:43:55,380

processes that stripped away

3472

02:44:00,380 --> 02:43:57,630

hundreds or even thousands of feet of

3473

02:44:02,300 --> 02:44:00,390

rock exposing the core of this thing

3474

02:44:07,219 --> 02:44:02,310

anybody wants to check it out they can

3475

02:44:09,139 --> 02:44:07,229

look up upheaval dome Utah on Google you

3476

02:44:10,670 --> 02:44:09,149

know on Google on Google Earth and

3477

02:44:13,700 --> 02:44:10,680

you'll see this really incredible

3478

02:44:16,820 --> 02:44:13,710

looking multi ring structure which

3479

02:44:19,809 --> 02:44:16,830

possibly similar in formation to the

3480

02:44:22,460 --> 02:44:19,819

recatch structure in Mauritania now

3481

02:44:25,190 --> 02:44:22,470

having been an astute student of

3482

02:44:28,099 --> 02:44:25,200

Playtone particularly of his dialogues

3483

02:44:30,410 --> 02:44:28,109

concerning Atlantis I don't find enough

3484

02:44:34,610 --> 02:44:30,420

points of correlation between the two to

3485

02:44:39,019 --> 02:44:34,620

attribute recap to being Atlantis has

3486

02:44:42,380 --> 02:44:39,029

anybody done a dig there you know

3487

02:44:44,780 --> 02:44:42,390

looking for any signs of ancient life or

3488

02:44:47,389 --> 02:44:44,790

civilizations any structures well I'm

3489

02:44:49,610 --> 02:44:47,399

presuming that yes they have yes some

3490

02:44:50,929 --> 02:44:49,620

have their geologist visited that's how

3491

02:44:52,790 --> 02:44:50,939

they know that the lime stones are

3492

02:44:54,469 --> 02:44:52,800

already Sheehan for example because

3493

02:44:57,139 --> 02:44:54,479

they've gone there and taken samples and

3494

02:44:58,429 --> 02:44:57,149

looked at the the creatures that are

3495

02:45:02,540 --> 02:44:58,439

forming the limestone because you know

3496

02:45:04,849 --> 02:45:02,550

limestone forms it's it's a it forms it

3497

02:45:08,511 --> 02:45:04,859

submarine it forms under water it forms

3498

02:45:11,961 --> 02:45:08,521

under oceans by this the the carcasses

3499

02:45:13,570 --> 02:45:11,971

of the small sea life settling to the

3500

02:45:16,511 --> 02:45:13,580

bottom of the ocean and then becoming

3501
02:45:19,580 --> 02:45:16,521
compacted and eventually forming these

3502
02:45:21,830 --> 02:45:19,590
limestone rocks which are sedimentary

3503
02:45:24,711 --> 02:45:21,840
rocks so there are extensive lime stones

3504
02:45:27,350 --> 02:45:24,721
and those lime stones have been sampled

3505
02:45:29,240 --> 02:45:27,360
so you know it's very plausible that

3506
02:45:31,461 --> 02:45:29,250
people occupy I think that it would have

3507
02:45:33,530 --> 02:45:31,471
been a probably a likely place some time

3508
02:45:35,870 --> 02:45:33,540
or another for people to occupy and it

3509
02:45:38,780 --> 02:45:35,880
probably held lakes but I have not seen

3510
02:45:41,060 --> 02:45:38,790
any studies yet getting into that level

3511
02:45:44,780 --> 02:45:41,070
of detail like you said it's a structure

3512
02:45:47,870 --> 02:45:44,790
that is worthy of more study and more

3513
02:45:50,091 --> 02:45:47,880

research than it's had and I hope to see

3514

02:45:52,160 --> 02:45:50,101

that you know in the next few years I do

3515

02:45:54,261 --> 02:45:52,170

think it's very plausible that it held

3516

02:45:56,180 --> 02:45:54,271

lakes that there were rivers out flowing

3517

02:45:58,640 --> 02:45:56,190

from it and then it was probably habitat

3518

02:46:00,711 --> 02:45:58,650

human habitation along the shores of

3519

02:46:03,830 --> 02:46:00,721

those lakes and rivers it's fat zone

3520

02:46:05,540 --> 02:46:03,840

however yeah however make the connection

3521

02:46:07,820 --> 02:46:05,550

with Atlantis other than the fact that

3522

02:46:09,950 --> 02:46:07,830

you have multi ring structures in both

3523

02:46:12,650 --> 02:46:09,960

cases right now I will say this the

3524

02:46:14,900 --> 02:46:12,660

plato's model for Atlantis may have been

3525

02:46:18,290 --> 02:46:14,910

derived from observations of natural

3526

02:46:22,790 --> 02:46:18,300

multi ring structures that's right and

3527

02:46:25,400 --> 02:46:22,800

when you look at northern Africa in in

3528

02:46:27,860 --> 02:46:25,410

Google Earth and satellite there's a

3529

02:46:30,470 --> 02:46:27,870

couple of things that stand out that are

3530

02:46:33,591 --> 02:46:30,480

very visible right the Nile and the Nile

3531

02:46:37,131 --> 02:46:33,601

Valley and the recod structure it's that

3532

02:46:42,740 --> 02:46:37,141

big I mean is Norma's it's just it's

3533

02:46:45,470 --> 02:46:42,750

it's incredible it's 30 miles and I

3534

02:46:49,520 --> 02:46:45,480

would be about 30 miles in diameter so

3535

02:46:50,720 --> 02:46:49,530

yeah that's that's big and now before we

3536

02:46:53,390 --> 02:46:50,730

get out of here

3537

02:46:55,700 --> 02:46:53,400

I wanted to ask you one other thing and

3538

02:46:58,310 --> 02:46:55,710

I was discussing this with Edie the

3539

02:47:01,131 --> 02:46:58,320

other day when we are talking about the

3540

02:47:04,910 --> 02:47:01,141

cosmology of everything at the zodiac

3541

02:47:09,440 --> 02:47:04,920

the the timing of certain celestial

3542

02:47:13,850 --> 02:47:09,450

events with cataclysms here on earth is

3543

02:47:16,040 --> 02:47:13,860

there a way to use it to take a look at

3544

02:47:19,671 --> 02:47:16,050

the future and maybe predict when

3545

02:47:23,110 --> 02:47:19,681

something may happen well the problem

3546

02:47:27,410 --> 02:47:23,120

with that is is we're looking at two

3547

02:47:30,620 --> 02:47:27,420

to which I say two tempos juxtaposed on

3548

02:47:33,680 --> 02:47:30,630

each other one seems to be just totally

3549

02:47:34,940 --> 02:47:33,690

random right there are random changes

3550

02:47:37,190 --> 02:47:34,950

that occurred that are totally

3551
02:47:38,780 --> 02:47:37,200
unpredictable on the other hand there

3552
02:47:41,270 --> 02:47:38,790
are changes that are predictable for

3553
02:47:43,220 --> 02:47:41,280
example I bring it into a scale that

3554
02:47:46,160 --> 02:47:43,230
more human scale at somebody might be

3555
02:47:48,710 --> 02:47:46,170
able to understand okay we can predict

3556
02:47:51,620 --> 02:47:48,720
with a fair degree of confidence now

3557
02:47:55,011 --> 02:47:51,630
that you know winter is upon us now

3558
02:47:57,261 --> 02:47:55,021
whatever region of the world that you

3559
02:47:59,600 --> 02:47:57,271
live in like for example I'm in North

3560
02:48:02,360 --> 02:47:59,610
Georgia so I know that we're probably

3561
02:48:04,730 --> 02:48:02,370
going to get a number of nights below

3562
02:48:08,690 --> 02:48:04,740
freezing we know that it's probably

3563
02:48:11,000 --> 02:48:08,700

going to be sometime between now and mid

3564

02:48:13,040 --> 02:48:11,010

to semper that that happens well we can

3565

02:48:15,261 --> 02:48:13,050

pinpoint we can make some prediction up

3566

02:48:18,530 --> 02:48:15,271

to probably within a few weeks plus or

3567

02:48:20,900 --> 02:48:18,540

minus but to pinpoint the exact date no

3568

02:48:22,551 --> 02:48:20,910

that would be very difficult what we can

3569

02:48:25,400 --> 02:48:22,561

do is we can look at the picture and we

3570

02:48:27,740 --> 02:48:25,410

can get a range of possibilities and we

3571

02:48:29,720 --> 02:48:27,750

can say well if we look back over the

3572

02:48:31,790 --> 02:48:29,730

last roughly hundred and five thousand

3573

02:48:35,591 --> 02:48:31,800

years it appears that there have been

3574

02:48:38,960 --> 02:48:35,601

four periods of glaciation interspersed

3575

02:48:42,320 --> 02:48:38,970

with periods shorter periods of inter

3576

02:48:45,381 --> 02:48:42,330

glaciation if we go back even a quarter

3577

02:48:47,301 --> 02:48:45,391

million years we find that the problem

3578

02:48:49,430 --> 02:48:47,311

is as the record gets older it gets more

3579

02:48:52,060 --> 02:48:49,440

obscure but we can still see that

3580

02:48:54,830 --> 02:48:52,070

there's this oscillation this this

3581

02:48:56,540 --> 02:48:54,840

shifting from glacial ages to

3582

02:48:59,650 --> 02:48:56,550

interglacial ages we are now in an

3583

02:49:02,420 --> 02:48:59,660

interglacial age right now if we go back

3584

02:49:06,160 --> 02:49:02,430

roughly two-and-a-half to 2.6 million

3585

02:49:09,230 --> 02:49:06,170

years ago we see major transition right

3586

02:49:11,330 --> 02:49:09,240

Pliocene gateway to the Pleistocene the

3587

02:49:15,020 --> 02:49:11,340

end of the Pliocene was a long period of

3588

02:49:16,520 --> 02:49:15,030

pretty much stable warmth something

3589

02:49:19,551 --> 02:49:16,530

happened around two-and-a-half million

3590

02:49:22,490 --> 02:49:19,561

years ago that caused a major planetary

3591

02:49:26,720 --> 02:49:22,500

environmental shift and this oscillation

3592

02:49:29,210 --> 02:49:26,730

of glacial interglacial ages began it

3593

02:49:31,190 --> 02:49:29,220

dominated the climatic cycle for the

3594

02:49:34,280 --> 02:49:31,200

whole of the Pleistocene for two and a

3595

02:49:35,120 --> 02:49:34,290

half million years now according to some

3596

02:49:39,290 --> 02:49:35,130

thought

3597

02:49:41,600 --> 02:49:39,300

and you know 11600 years ago others of

3598

02:49:44,480 --> 02:49:41,610

question well has it really ended or are

3599

02:49:46,670 --> 02:49:44,490

we still in the oscillating cycle of

3600

02:49:47,990 --> 02:49:46,680

glacial interglacial ages no one has an

3601

02:49:49,550 --> 02:49:48,000

answer to that question at this point

3602

02:49:51,590 --> 02:49:49,560

here's one thing we do know though

3603

02:49:53,300 --> 02:49:51,600

looking at the record it has been

3604

02:49:56,090 --> 02:49:53,310

reconstructed of last quarter million

3605

02:49:58,910 --> 02:49:56,100

years which is based upon ice core

3606

02:50:01,850 --> 02:49:58,920

records from from Greenland from Tibet

3607

02:50:04,040 --> 02:50:01,860

from Antarctica from deep sea coral

3608

02:50:07,940 --> 02:50:04,050

records taken through in the Atlantic in

3609

02:50:10,429 --> 02:50:07,950

the Pacific in the Arctic Ocean in in

3610

02:50:12,679 --> 02:50:10,439

the speleothems formation in caves which

3611

02:50:15,290 --> 02:50:12,689

is dependent upon the amount of water

3612

02:50:17,320 --> 02:50:15,300

and percolating through the rock which

3613

02:50:19,760 --> 02:50:17,330

is dependent upon the amount of rainfall

3614

02:50:22,520 --> 02:50:19,770

looking at tree rings I mean there's a

3615

02:50:26,179 --> 02:50:22,530

whole multitude of these proxies that

3616

02:50:28,190 --> 02:50:26,189

have been used to reconstruct ancient

3617

02:50:29,840 --> 02:50:28,200

climate looking at pollen you know

3618

02:50:32,210 --> 02:50:29,850

digging up a core and looking at the

3619

02:50:34,940 --> 02:50:32,220

type of pollen and realizing oh look

3620

02:50:37,550 --> 02:50:34,950

here we've got pollen that's from trees

3621

02:50:39,790 --> 02:50:37,560

that grow in northern latitudes and then

3622

02:50:43,010 --> 02:50:39,800

on top of that we have pollen that's

3623

02:50:45,050 --> 02:50:43,020

deposited by trees growing 500 or a

3624

02:50:47,480 --> 02:50:45,060

thousand miles farther south so

3625

02:50:49,610 --> 02:50:47,490

obviously you can conclude there was a

3626

02:50:51,200 --> 02:50:49,620

major shift in climate so around

3627

02:50:53,210 --> 02:50:51,210

two-and-a-half million years ago major

3628

02:50:56,389 --> 02:50:53,220

shift in climate the climate of the

3629

02:50:58,160 --> 02:50:56,399

planet cooled dramatically we began this

3630

02:51:00,590 --> 02:50:58,170

period this oscillating period of

3631

02:51:04,310 --> 02:51:00,600

glacial interglacial ages and within

3632

02:51:07,760 --> 02:51:04,320

that span of time to the extent that we

3633

02:51:11,090 --> 02:51:07,770

can discern the duration or length of

3634

02:51:13,670 --> 02:51:11,100

the interglacial warm periods what it is

3635

02:51:15,980 --> 02:51:13,680

now appearing is that the Holocene the

3636

02:51:18,230 --> 02:51:15,990

one we're in now is the longest

3637

02:51:20,710 --> 02:51:18,240

interglacial warm period of a quarter

3638

02:51:23,090 --> 02:51:20,720

million years so what does that imply

3639

02:51:24,800 --> 02:51:23,100

well you can you can ball that over

3640

02:51:28,429 --> 02:51:24,810

yourself and think about what that

3641

02:51:31,000 --> 02:51:28,439

implies but to me what it implies is we

3642

02:51:34,250 --> 02:51:31,010

can't take anything for granted because

3643

02:51:36,920 --> 02:51:34,260

when when a break came earlier I was

3644

02:51:38,750 --> 02:51:36,930

just mention in Canada because when we

3645

02:51:41,810 --> 02:51:38,760

go back to the last interglacial period

3646

02:51:44,110 --> 02:51:41,820

we have to think that okay a global

3647

02:51:46,730 --> 02:51:44,120

climate similar told we were in now now

3648

02:51:48,260 --> 02:51:46,740

presently you have a lot of snow that

3649

02:51:49,011 --> 02:51:48,270

falls over the northern United States

3650

02:51:51,860 --> 02:51:49,021

and Canada

3651
02:51:54,051 --> 02:51:51,870
in the winter spring comes it all melts

3652
02:51:55,730 --> 02:51:54,061
away and goes back into the into the

3653
02:51:57,950 --> 02:51:55,740
rivers into from the rivers into the

3654
02:52:00,500 --> 02:51:57,960
oceans right this is the hydrological

3655
02:52:03,711 --> 02:52:00,510
cycle and it keeps going and it's very

3656
02:52:06,051 --> 02:52:03,721
predictable but now imagine this you've

3657
02:52:07,970 --> 02:52:06,061
got you know six seven months of winter

3658
02:52:11,660 --> 02:52:07,980
in the northern United States in Canada

3659
02:52:15,200 --> 02:52:11,670
right and fairly confident that come

3660
02:52:17,980 --> 02:52:15,210
April May spring is going to come the

3661
02:52:19,910 --> 02:52:17,990
snow will melt away but now imagine this

3662
02:52:22,640 --> 02:52:19,920
the snow comes

3663
02:52:25,671 --> 02:52:22,650

but then spring doesn't come spring

3664

02:52:27,650 --> 02:52:25,681

doesn't come for ten or fifteen thousand

3665

02:52:29,750 --> 02:52:27,660

years and that's literally what we're

3666

02:52:31,520 --> 02:52:29,760

talking about here now instead of the

3667

02:52:31,881 --> 02:52:31,530

snow melting away and going back to the

3668

02:52:33,830 --> 02:52:31,891

ocean

3669

02:52:37,011 --> 02:52:33,840

it just accumulates layer after layer

3670

02:52:39,320 --> 02:52:37,021

after layer after layer until eventually

3671

02:52:42,230 --> 02:52:39,330

it's a mile thick or two miles thick and

3672

02:52:44,900 --> 02:52:42,240

that is almost inconceivable but it

3673

02:52:48,470 --> 02:52:44,910

happens and it has happened and we're

3674

02:52:50,750 --> 02:52:48,480

still not sure why and but I can tell

3675

02:52:53,150 --> 02:52:50,760

you this a high priority is that we

3676
02:52:54,980 --> 02:52:53,160
figure this [h__\h] out Jimmy and and this

3677
02:52:57,320 --> 02:52:54,990
is why I get frustrated when I hear

3678
02:52:59,511 --> 02:52:57,330
people for political reasons and

3679
02:53:02,390 --> 02:52:59,521
promoting political agendas saying well

3680
02:53:05,360 --> 02:53:02,400
the debate on climate change is settled

3681
02:53:09,381 --> 02:53:05,370
and my response to that is no it hasn't

3682
02:53:11,240 --> 02:53:09,391
really even begun yet so excuse me if I

3683
02:53:15,671 --> 02:53:11,250
get a little bit irritated when I hear

3684
02:53:20,750 --> 02:53:15,681
that but I do Randall you have critics

3685
02:53:22,970 --> 02:53:20,760
you actually have critics oh I do oh man

3686
02:53:25,490 --> 02:53:22,980
I want to know I do and it's usually the

3687
02:53:27,530 --> 02:53:25,500
same it's usually the same variations on

3688
02:53:29,270 --> 02:53:27,540

the same theme over and over again they

3689

02:53:30,671 --> 02:53:29,280

never address the facts that I've

3690

02:53:32,780 --> 02:53:30,681

brought to the discussion because

3691

02:53:34,910 --> 02:53:32,790

everything we've been discussing tonight

3692

02:53:36,290 --> 02:53:34,920

hi you you want you want to challenge me

3693

02:53:39,290 --> 02:53:36,300

I will provide you the references

3694

02:53:41,030 --> 02:53:39,300

copious references this isn't just

3695

02:53:43,700 --> 02:53:41,040

something I've concerned up out of my

3696

02:53:45,171 --> 02:53:43,710

head after you know I got to stoned one

3697

02:53:48,770 --> 02:53:45,181

night or something this is something I

3698

02:53:53,600 --> 02:53:48,780

have been working on since 1969 okay

3699

02:53:55,520 --> 02:53:53,610

right how many it's 49 years okay so you

3700

02:53:57,620 --> 02:53:55,530

know don't don't come to me and say

3701
02:54:00,711 --> 02:53:57,630
something about well he hasn't been

3702
02:54:02,610 --> 02:54:00,721
peer-reviewed well peer-reviewed

3703
02:54:04,440 --> 02:54:02,620
I'm sorry happens to be a

3704
02:54:05,670 --> 02:54:04,450
RUP processes at this why I won't use

3705
02:54:08,730 --> 02:54:05,680
the term corrupt I would use the word

3706
02:54:11,520 --> 02:54:08,740
compromised and you can go and you can

3707
02:54:15,511 --> 02:54:11,530
present a very thoroughly well

3708
02:54:17,551 --> 02:54:15,521
researched very specialized research

3709
02:54:20,341 --> 02:54:17,561
article presented it presented to the

3710
02:54:22,680 --> 02:54:20,351
scientific literature pay them a lot of

3711
02:54:25,920 --> 02:54:22,690
money and they will publish it if they

3712
02:54:29,220 --> 02:54:25,930
seem fit if they think that it conforms

3713
02:54:31,261 --> 02:54:29,230

to their models of reality if it doesn't

3714

02:54:33,390 --> 02:54:31,271

it doesn't matter how well researched it

3715

02:54:36,180 --> 02:54:33,400

is how buttress it is by facts by

3716

02:54:37,770 --> 02:54:36,190

evidence it will get rejected and and

3717

02:54:39,930 --> 02:54:37,780

I'm sorry to say that's a part of the

3718

02:54:41,640 --> 02:54:39,940

peer-review process right now and since

3719

02:54:45,080 --> 02:54:41,650

we've now got hundreds of millions of

3720

02:54:47,841 --> 02:54:45,090

dollars flowing into the coffers of the

3721

02:54:51,570 --> 02:54:47,851

IPCC and various government agencies

3722

02:54:54,150 --> 02:54:51,580

whose primary responsibility is

3723

02:54:56,640 --> 02:54:54,160

promoting human caused climate change

3724

02:54:59,160 --> 02:54:56,650

and that they have a very powerful

3725

02:55:01,110 --> 02:54:59,170

influence on mainstream scientific

3726

02:55:03,240 --> 02:55:01,120

literature if you come with something

3727

02:55:05,070 --> 02:55:03,250

that's going to contradict that well

3728

02:55:07,950 --> 02:55:05,080

your chances of getting rejected are

3729

02:55:10,740 --> 02:55:07,960

very high so that the peer-reviewed

3730

02:55:12,841 --> 02:55:10,750

process is compromised the second thing

3731

02:55:13,320 --> 02:55:12,851

is well I don't have a formal degree and

3732

02:55:18,210 --> 02:55:13,330

I don't

3733

02:55:20,250 --> 02:55:18,220

was in majoring in geology I'm looking

3734

02:55:21,570 --> 02:55:20,260

at well what are the you know what is

3735

02:55:23,520 --> 02:55:21,580

the professional

3736

02:55:25,740 --> 02:55:23,530

outcomes of this do I want to work for

3737

02:55:28,591 --> 02:55:25,750

industry not really do I want to work

3738

02:55:29,341 --> 02:55:28,601

for the government no not at all what

3739

02:55:30,990 --> 02:55:29,351

does that leave me

3740

02:55:34,200 --> 02:55:31,000

well nowhere other than the fact and I'm

3741

02:55:36,690 --> 02:55:34,210

studying geology because I love geology

3742

02:55:39,540 --> 02:55:36,700

I love understanding how the world world

3743

02:55:42,091 --> 02:55:39,550

works so I carry on my own business in

3744

02:55:43,830 --> 02:55:42,101

my you know my day job and I've set up

3745

02:55:46,400 --> 02:55:43,840

my business that it gives me enough free

3746

02:55:49,230 --> 02:55:46,410

time that I can spend all my free time

3747

02:55:51,780 --> 02:55:49,240

interacting with the earth interacting

3748

02:55:54,690 --> 02:55:51,790

with professionals and I can say since I

3749

02:55:56,011 --> 02:55:54,700

you know gone more public with this in

3750

02:55:58,500 --> 02:55:56,021

the last three or four years I've had

3751
02:56:00,690 --> 02:55:58,510
the privilege of interacting with dozens

3752
02:56:03,301 --> 02:56:00,700
of professionals that are engaged in

3753
02:56:05,280 --> 02:56:03,311
cutting-edge work that have reached out

3754
02:56:07,051 --> 02:56:05,290
to me I've spent time in the field with

3755
02:56:09,420 --> 02:56:07,061
now several dozen scientists that are

3756
02:56:12,540 --> 02:56:09,430
doing cutting-edge work and I'll say

3757
02:56:14,341 --> 02:56:12,550
this going out in the field for four or

3758
02:56:16,230 --> 02:56:14,351
five days or a week with somebody doing

3759
02:56:18,719 --> 02:56:16,240
cutting-edge research for exam

3760
02:56:21,719 --> 02:56:18,729
or one geologist that I went out with

3761
02:56:25,140 --> 02:56:21,729
with Brad young back a year ago last

3762
02:56:27,570 --> 02:56:25,150
October was one of the leading world's

3763
02:56:30,060 --> 02:56:27,580

experts on the formation of drumlins

3764

02:56:32,670 --> 02:56:30,070

which are an extremely interesting

3765

02:56:35,250 --> 02:56:32,680

enigmatic geomorphological feature right

3766

02:56:38,100 --> 02:56:35,260

now I spent four days within the field

3767

02:56:41,010 --> 02:56:38,110

with him I would consider that it's

3768

02:56:42,960 --> 02:56:41,020

valuable as a seminar of sitting in a

3769

02:56:45,840 --> 02:56:42,970

geology classroom listening to a

3770

02:56:47,910 --> 02:56:45,850

professor drone on and on now see I've

3771

02:56:50,340 --> 02:56:47,920

been doing this for 40 years now so then

3772

02:56:52,920 --> 02:56:50,350

when I get attacked by the critics

3773

02:56:55,620 --> 02:56:52,930

they never attack really the information

3774

02:56:59,760 --> 02:56:55,630

very seldom what they do is they attack

3775

02:57:02,580 --> 02:56:59,770

it's all ad hominem stuff you know well

3776

02:57:04,230 --> 02:57:02,590

my approach is that I'm like the fact

3777

02:57:06,270 --> 02:57:04,240

that I'm doing this with you now is

3778

02:57:09,840 --> 02:57:06,280

because I'm putting this information out

3779

02:57:11,520 --> 02:57:09,850

for peer review by the world you get it

3780

02:57:14,250 --> 02:57:11,530

I'm putting this out there and I go on

3781

02:57:16,740 --> 02:57:14,260

Joe Rogan so 10 million or 15 or 20

3782

02:57:18,300 --> 02:57:16,750

million people will hear it and they can

3783

02:57:20,400 --> 02:57:18,310

do their peer review they can do their

3784

02:57:22,950 --> 02:57:20,410

homework they can check my sources and I

3785

02:57:24,990 --> 02:57:22,960

challenge them to check my sources and

3786

02:57:26,700 --> 02:57:25,000

occasionally I am wrong of course

3787

02:57:29,010 --> 02:57:26,710

because anybody who attempts to amass a

3788

02:57:30,900 --> 02:57:29,020

huge accumulation of information like

3789

02:57:33,660 --> 02:57:30,910

this is going to occasionally misstep

3790

02:57:35,760 --> 02:57:33,670

but the fact is I think that that most

3791

02:57:39,780 --> 02:57:35,770

of what I have gathered together stands

3792

02:57:43,590 --> 02:57:39,790

the test the critical test and so the

3793

02:57:45,990 --> 02:57:43,600

critics I actually welcome people with

3794

02:57:48,420 --> 02:57:46,000

with informed criticism informed

3795

02:57:50,130 --> 02:57:48,430

fair-minded criticism who are looking at

3796

02:57:51,960 --> 02:57:50,140

the information I present with with an

3797

02:57:54,600 --> 02:57:51,970

open mind grazers and say basically

3798

02:57:56,400 --> 02:57:54,610

coming on in regurgitating some textbook

3799

02:57:58,440 --> 02:57:56,410

explanation which I've gotten quite a

3800

02:58:00,990 --> 02:57:58,450

bit of you know I can see well somebody

3801

02:58:02,760 --> 02:58:01,000

took a geology course in college 15

3802

02:58:04,890 --> 02:58:02,770

years ago so they're going to quote some

3803

02:58:07,110 --> 02:58:04,900

textbook explanation to me about what

3804

02:58:10,640 --> 02:58:07,120

causes the post-glacial leg of floods

3805

02:58:14,490 --> 02:58:10,650

for example well no okay Randall Randall

3806

02:58:18,060 --> 02:58:14,500

I'm gonna be cut off by the network so

3807

02:58:21,000 --> 02:58:18,070

just let me just say this I've got a run

3808

02:58:22,770 --> 02:58:21,010

I gotta say thank you right now and I

3809

02:58:25,110 --> 02:58:22,780

hate to cut you off in the middle of a

3810

02:58:25,480 --> 02:58:25,120

thought but the network's going to do

3811

02:58:29,140 --> 02:58:25,490

that

3812

02:58:31,450 --> 02:58:29,150

take the blame for it

3813

02:58:33,250 --> 02:58:31,460

random cocaine in the middle of my rant

3814

02:58:35,560 --> 02:58:33,260

I know I know

3815

02:58:37,900 --> 02:58:35,570

well I'm glad I got that off my chest

3816

02:58:39,430 --> 02:58:37,910

yes you did you have that perspective on

3817

02:58:41,770 --> 02:58:39,440

this whole thing on the records that

3818

02:58:43,570 --> 02:58:41,780

we've got on the record don't we and

3819

02:58:46,480 --> 02:58:43,580

Randall don't ever change my friend

3820

02:58:46,750 --> 02:58:46,490

don't ever change thank you so much all

3821

02:58:49,570 --> 02:58:46,760

right

3822

02:58:51,930 --> 02:58:49,580

thanks Jimmy you're the best Randall

3823

02:58:53,950 --> 02:58:51,940

Carlson sacred geometry

3824

02:58:56,770 --> 02:58:53,960

international.com the links are at Jimmy

3825

02:58:58,870 --> 02:58:56,780

Turks radio.com and like I said I had to

3826

02:59:01,631 --> 02:58:58,880

cut them off it's better that I do it

3827

02:59:03,820 --> 02:59:01,641

then the network and doing it so rudely

3828

02:59:07,810 --> 02:59:03,830

fade to black it's produced by rate

3829

02:59:10,480 --> 02:59:07,820

ritika Murray on shows produced by Hill

3830

02:59:12,160 --> 02:59:10,490

Jay Paul Renee Dennis and Bob announcers

3831

02:59:14,171 --> 02:59:12,170

our Steve Carter Jeeva Toma Mark T

3832

02:59:16,900 --> 02:59:14,181

Colbert webmaster drew the geek music

3833

02:59:18,910 --> 02:59:16,910

doug aldrich intro space boy space boy

3834

02:59:21,790 --> 02:59:18,920

music calm fade the black kids produced

3835

02:59:25,270 --> 02:59:21,800

by kjsurya he met work syndication is

3836

02:59:28,360 --> 02:59:25,280

kgr a the planet thank you to Randall

3837

02:59:30,400 --> 02:59:28,370

Carlson for everything that he does it's

3838

02:59:31,810 --> 02:59:30,410

broadcast on the copyright of 2018 by

3839

02:59:33,310 --> 02:59:31,820

fade to black in the game changer

3840

02:59:35,290 --> 02:59:33,320

Network it cannot be rebroadcast

3841

02:59:36,790 --> 02:59:35,300

download a copy to use anywhere in the

3842

02:59:38,470 --> 02:59:36,800

known universe without written

3843

02:59:40,120 --> 02:59:38,480

permission for fade to black of the game

3844

02:59:42,430 --> 02:59:40,130

changer Network I'm Erin CB Church

3845

02:59:45,160 --> 02:59:42,440

follow me on twitter I teachers radio

3846

02:59:48,310 --> 02:59:45,170

you can follow Randall at sacred

3847

02:59:50,860 --> 02:59:48,320

geometry int sacred geometry in and of

3848

02:59:53,350 --> 02:59:50,870

courses website said to me church radio

3849

02:59:55,150 --> 02:59:53,360

calm alright everybody until tomorrow

3850

03:00:02,270 --> 02:59:55,160

night open lines I'm your oath to me

