



1
00:00:03,590 --> 00:00:01,829
well i became interested in the idea

2
00:00:05,590 --> 00:00:03,600
that the universe

3
00:00:08,390 --> 00:00:05,600
was full of intelligent civilizations

4
00:00:10,549 --> 00:00:08,400
which is the current scientific belief

5
00:00:13,030 --> 00:00:10,559
well the facts in the film only help you

6
00:00:14,660 --> 00:00:13,040
believe the story but uh

7
00:00:15,829 --> 00:00:14,670
the uh

8
00:00:16,630 --> 00:00:15,839
[Music]

9
00:00:22,310 --> 00:00:16,640
the

10
00:00:24,470 --> 00:00:22,320
a hundred billion stars in our galaxy

11
00:00:26,390 --> 00:00:24,480
and about 100 billion galaxies in the

12
00:00:28,950 --> 00:00:26,400
visible universe the point is that there

13
00:00:31,189 --> 00:00:28,960

are so many stars in the universe that

14

00:00:33,270 --> 00:00:31,199

the likelihood of life evolving around

15

00:00:34,950 --> 00:00:33,280

them even if it were possibilities of

16

00:00:37,350 --> 00:00:34,960

one in a million there would be hundreds

17

00:00:38,950 --> 00:00:37,360

of millions of worlds in the universe

18

00:00:41,030 --> 00:00:38,960

but i really believe that there's life

19

00:00:43,110 --> 00:00:41,040

elsewhere i have both an intuitive

20

00:00:45,029 --> 00:00:43,120

feeling and also a mathematical belief

21

00:00:47,430 --> 00:00:45,039

that there are beings both friendly and

22

00:00:49,830 --> 00:00:47,440

hostile off this planet somewhere else

23

00:00:51,750 --> 00:00:49,840

do you believe there are you know aliens

24

00:00:52,709 --> 00:00:51,760

up there for real

25

00:00:54,310 --> 00:00:52,719

in

26

00:00:57,029 --> 00:00:54,320

mars or

27

00:00:58,470 --> 00:00:57,039

of course yes beyond earth absolutely of

28

00:01:00,229 --> 00:00:58,480

course it's silly to believe that we're

29

00:01:02,709 --> 00:01:00,239

right that's daft

30

00:01:05,030 --> 00:01:02,719

i mean whether there evolved as us out

31

00:01:06,710 --> 00:01:05,040

there somewhere i've got a funny feeling