



1
00:00:06,950 --> 00:00:03,909
hi my name is david morrison i'm a space

2
00:00:08,710 --> 00:00:06,960
scientist at nasa ames research center

3
00:00:10,790 --> 00:00:08,720
for the last two years i've been

4
00:00:11,749 --> 00:00:10,800
answering hundreds of questions from the

5
00:00:14,310 --> 00:00:11,759
public

6
00:00:15,190 --> 00:00:14,320
about 2012 and the supposed threat to

7
00:00:16,710 --> 00:00:15,200
earth

8
00:00:19,269 --> 00:00:16,720
and so now i want to take a chance to

9
00:00:22,310 --> 00:00:19,279
talk to some of you more directly

10
00:00:25,029 --> 00:00:22,320
there is no threat to earth in 2012

11
00:00:28,710 --> 00:00:25,039
there is no danger all of the talk about

12
00:00:30,870 --> 00:00:28,720
a doomsday is a big hoax perpetuated on

13
00:00:33,910 --> 00:00:30,880

the internet and with people trying to

14

00:00:34,790 --> 00:00:33,920

make money so please don't worry about

15

00:00:36,630 --> 00:00:34,800

it

16

00:00:37,510 --> 00:00:36,640

let me talk about some of the specific

17

00:00:39,510 --> 00:00:37,520

things

18

00:00:43,430 --> 00:00:39,520

there's been a lot of talk about a

19

00:00:44,950 --> 00:00:43,440

planet x or nibiru as a giant planet

20

00:00:48,549 --> 00:00:44,960

that's going to hit the earth or at

21

00:00:52,630 --> 00:00:48,559

least come very close in december 2012.

22

00:00:54,950 --> 00:00:52,640

a simple fact is nibiru does not exist

23

00:00:57,670 --> 00:00:54,960

aside from worrying about the weird

24

00:00:59,430 --> 00:00:57,680

places the ideas came from

25

00:01:02,549 --> 00:00:59,440

all you have to do is ask the

26
00:01:03,910 --> 00:01:02,559
astronomers if nibiru or planet x were

27
00:01:05,830 --> 00:01:03,920
going to come into the inner solar

28
00:01:07,429 --> 00:01:05,840
system in 2012

29
00:01:09,429 --> 00:01:07,439
astronomers would have been tracking it

30
00:01:11,350 --> 00:01:09,439
for the last decade

31
00:01:13,190 --> 00:01:11,360
all over the world amateur as well as

32
00:01:14,710 --> 00:01:13,200
professional and it would be visible now

33
00:01:17,510 --> 00:01:14,720
to the naked eye

34
00:01:19,990 --> 00:01:17,520
it's not there it's a no-show there's

35
00:01:21,590 --> 00:01:20,000
nothing to worry about some object

36
00:01:23,510 --> 00:01:21,600
coming and striking the earth or

37
00:01:25,670 --> 00:01:23,520
damaging us

38
00:01:28,230 --> 00:01:25,680

there's also been concern about a

39

00:01:30,550 --> 00:01:28,240

so-called galactic alignment

40

00:01:33,429 --> 00:01:30,560

because in december of every year the

41

00:01:36,390 --> 00:01:33,439

sun is roughly in the direction of the

42

00:01:38,230 --> 00:01:36,400

galactic center as seen from earth

43

00:01:40,390 --> 00:01:38,240

this happens every year

44

00:01:43,510 --> 00:01:40,400

it really doesn't mean anything and

45

00:01:46,310 --> 00:01:43,520

there's nothing special about 2012.

46

00:01:50,149 --> 00:01:46,320

if you're not worried about december

47

00:01:53,109 --> 00:01:50,159

29 don't worry about december 2012.

48

00:01:55,670 --> 00:01:53,119

in fact alignments although it may sound

49

00:01:57,590 --> 00:01:55,680

scary to some people are just not an

50

00:02:00,630 --> 00:01:57,600

issue for scientists there are no

51
00:02:02,069 --> 00:02:00,640
special forces when planets align or the

52
00:02:04,950 --> 00:02:02,079
sun aligns

53
00:02:08,229 --> 00:02:04,960
it's sort of a curiosity but not

54
00:02:10,710 --> 00:02:08,239
something of real scientific interest

55
00:02:14,150 --> 00:02:10,720
there's also been concern that somehow

56
00:02:15,830 --> 00:02:14,160
the earth's poles are going to flip

57
00:02:17,670 --> 00:02:15,840
no one quite explains how this could

58
00:02:20,070 --> 00:02:17,680
happen and if you're talking about the

59
00:02:23,910 --> 00:02:20,080
rotation pole of the earth that can't

60
00:02:25,990 --> 00:02:23,920
change it never has and never will

61
00:02:28,710 --> 00:02:26,000
some people however are concerned about

62
00:02:31,190 --> 00:02:28,720
the change in the magnetic polarity a

63
00:02:33,030 --> 00:02:31,200

shift of the north and south pole which

64

00:02:34,470 --> 00:02:33,040

does take place every few hundred

65

00:02:36,070 --> 00:02:34,480

thousand years

66

00:02:39,030 --> 00:02:36,080

but there's no reason to think it will

67

00:02:41,589 --> 00:02:39,040

happen in 2012 and actually no evidence

68

00:02:43,350 --> 00:02:41,599

that it would do any harm to us even if

69

00:02:46,309 --> 00:02:43,360

it did happen

70

00:02:49,270 --> 00:02:46,319

some people couple this with ideas of

71

00:02:51,750 --> 00:02:49,280

of solar outbursts of flares or coronal

72

00:02:53,750 --> 00:02:51,760

mass ejections which could do great

73

00:02:54,790 --> 00:02:53,760

damage to the earth

74

00:02:57,509 --> 00:02:54,800

well

75

00:03:00,550 --> 00:02:57,519

the solar maximum takes place every 11

76

00:03:03,030 --> 00:03:00,560

years and occasionally there is some

77

00:03:05,430 --> 00:03:03,040

damage to satellites in orbit

78

00:03:08,470 --> 00:03:05,440

and we see bright aurora or northern

79

00:03:09,910 --> 00:03:08,480

lights here but very little real damage

80

00:03:11,910 --> 00:03:09,920

is done

81

00:03:14,710 --> 00:03:11,920

and there's no solar maximum predicted

82

00:03:17,430 --> 00:03:14,720

in 2012. the next solar maximum is

83

00:03:19,990 --> 00:03:17,440

predicted for the spring of 2013 and

84

00:03:22,149 --> 00:03:20,000

it's actually anticipated that will be

85

00:03:23,270 --> 00:03:22,159

much lower than usual

86

00:03:26,949 --> 00:03:23,280

again

87

00:03:27,910 --> 00:03:26,959

all this 2012 talk is just a hoax it's a

88

00:03:30,390 --> 00:03:27,920

fake

89

00:03:32,390 --> 00:03:30,400

it's nothing you should worry about

90

00:03:33,750 --> 00:03:32,400

i get questions from many people who are

91

00:03:35,750 --> 00:03:33,760

really scared

92

00:03:37,990 --> 00:03:35,760

even some young people who have said

93

00:03:40,309 --> 00:03:38,000

they're contemplating suicide this sort

94

00:03:42,149 --> 00:03:40,319

of thing it's really sad

95

00:03:45,030 --> 00:03:42,159

and the point of my talking to you now

96

00:03:46,630 --> 00:03:45,040

is just to explain to you that there is

97

00:03:48,710 --> 00:03:46,640

no problem there

98

00:03:51,509 --> 00:03:48,720

and that the many things you see on the

99

00:03:53,350 --> 00:03:51,519

internet and youtube where people claim

100

00:03:56,229 --> 00:03:53,360

that there is some horrible threat about

101

00:03:59,429 --> 00:03:56,239

to descend on us are not true