



ESPACIO A TIERRA

1
00:00:06,050 --> 00:00:04,760
welcome to space to earth

2
00:00:07,760 --> 00:00:06,060
celebrating hispanic heritage month i

3
00:00:10,640 --> 00:00:07,770
invite you aboard the

4
00:00:12,379 --> 00:00:10,650
space station i am juan carlos lopez two

5
00:00:13,310 --> 00:00:12,389
crew members completed half their

6
00:00:14,990 --> 00:00:13,320
year in space

7
00:00:18,109 --> 00:00:15,000
scott kelly and mikhail kornienko

8
00:00:20,450 --> 00:00:18,119
completed their first 171 days in

9
00:00:22,370 --> 00:00:20,460
space on 15 As they

10
00:00:24,470 --> 00:00:22,380
enter the second half of their stay,

11
00:00:27,349 --> 00:00:24,480
several important dates will be presented

12
00:00:29,929 --> 00:00:27,359
on October 16, Kelly will surpass the

13
00:00:32,269 --> 00:00:29,939

mark of a total of 382 days in

14

00:00:35,180 --> 00:00:32,279

space established by

15

00:00:37,060 --> 00:00:35,190

NASA astronaut Mike Take, thus becoming

16

00:00:39,890 --> 00:00:37,070

the new holder of the American record

17

00:00:41,720 --> 00:00:39,900

then in less than two weeks he and

18

00:00:44,900 --> 00:00:41,730

Kornienko will break the

19

00:00:46,490 --> 00:00:44,910

expedition record 14 of 215

20

00:00:49,400 --> 00:00:46,500

consecutive days aboard the

21

00:00:51,590 --> 00:00:49,410

space station and when they return home on

22

00:00:53,120 --> 00:00:51,600

March 3 of the following year they will have

23

00:00:54,710 --> 00:00:53,130

further raised the record by having I've been

24

00:00:57,319 --> 00:00:54,720

three hundred and forty-two

25

00:00:59,360 --> 00:00:57,329

consecutive days on the station and of

26

00:01:01,160 --> 00:00:59,370

course it's all about science and the

27

00:01:03,800 --> 00:01:01,170

next six months of the

28

00:01:05,539 --> 00:01:03,810

year-long mission are heading into the unknown that le

29

00:01:07,310 --> 00:01:05,549

kornienko are the subjects of

30

00:01:10,010 --> 00:01:07,320

scientific studies focused on seven

31

00:01:11,570 --> 00:01:10,020

key human research one of the

32

00:01:13,520 --> 00:01:11,580

most complex studies being

33

00:01:15,860 --> 00:01:13,530

carried out is called

34

00:01:17,540 --> 00:01:15,870

fluid displacement, whose objective is to solve what

35

00:01:19,520 --> 00:01:17,550

causes the changes in the vision of

36

00:01:21,740 --> 00:01:19,530

astronauts who are in

37

00:01:23,480 --> 00:01:21,750

microgravity the human research

38

00:01:25,940 --> 00:01:23,490

carried out during this

39
00:01:27,910 --> 00:01:25,950
one-year mission is designed to prepare us

40
00:01:30,410 --> 00:01:27,920
to explore beyond our

41
00:01:32,690 --> 00:01:30,420
united planet scott kelly's study of twins

42
00:01:34,340 --> 00:01:32,700
the next six

43
00:01:36,950 --> 00:01:34,350
months will be very intense for the two

44
00:01:38,719 --> 00:01:36,960
crew be sure to follow scott

45
00:01:40,999 --> 00:01:38,729
kelly to see how

46
00:01:42,969 --> 00:01:41,009
the second half of his mission unfolds you can

47
00:01:44,120 --> 00:01:42,979
follow him on twitter and instagram at

48
00:01:46,910 --> 00:01:44,130
station

49
00:01:48,680 --> 00:01:46,920
de rl there he has shared hundreds of

50
00:01:50,870 --> 00:01:48,690
images and videos from his time in

51
00:01:52,580 --> 00:01:50,880
space and we partnered with the

52
00:01:54,620 --> 00:01:52,590
white house so you can send him and

53
00:01:56,680 --> 00:01:54,630
kornienko your best wishes as they

54
00:02:00,800 --> 00:01:56,690
continue their historic mission

55
00:02:02,630 --> 00:02:00,810
finally visit [www .nasa.gov](http://www.nasa.gov) diagonal

56
00:02:04,730 --> 00:02:02,640
one year to get the latest

57
00:02:06,320 --> 00:02:04,740
news keep sending us your

58
00:02:08,389 --> 00:02:06,330
questions and comments using the