



DOWN TO EARTH

EPISODE 19 To the Moon and Beyond

1
00:00:00,805 --> 00:00:02,714
HOW IS THE QUALITY OF THE TV?

2
00:00:02,714 --> 00:00:04,714
AH IT'S BEAUTIFUL, MIKE, IT REALLY IS.

3
00:00:05,039 --> 00:00:06,838
I'M IN FIRST GRADE AND I'M WATCHING

4
00:00:06,838 --> 00:00:09,112
NEIL ARMSTRONG AND BUZZ ALDRIN DANCING AROUND

5
00:00:09,112 --> 00:00:10,178
LIKE EVERY OTHER KID WHO'S, YOU KNOW,

6
00:00:10,178 --> 00:00:11,112
OUT THERE WATCHING THIS

7
00:00:11,639 --> 00:00:12,686
THEY WANT TO GO DO THIS,

8
00:00:12,686 --> 00:00:13,972
THIS IS THE COOLEST THING EVER.

9
00:00:13,972 --> 00:00:15,491
I REMEMBER ASKING MY DAD,

10
00:00:15,491 --> 00:00:16,785
"WHAT KIND OF JOB DO I NEED TO HAVE

11
00:00:16,785 --> 00:00:17,509
GROWING UP

12
00:00:17,509 --> 00:00:18,954
THAT I CAN MAKE ENOUGH MONEY

13
00:00:18,954 --> 00:00:20,439

THAT I CAN GO FLY TO THE MOON?"

14

00:00:20,439 --> 00:00:21,331

AND HE GOES, "WELL, THERE'S A

15

00:00:21,331 --> 00:00:22,269

JOB OUT THERE CALLED BEING

16

00:00:22,269 --> 00:00:23,836

AN ASTRONAUT. AND IF YOU ARE THAT,

17

00:00:23,836 --> 00:00:25,762

THEY WILL PAY YOU TO GO TO THE MOON."

18

00:00:26,492 --> 00:00:27,560

"THEY'RE GOING TO PAY ME

19

00:00:27,560 --> 00:00:29,222

TO GO TO THE MOON?"

20

00:00:29,222 --> 00:00:31,213

YEAH. THAT'S IT'S I'VE MADE MY CAREER DECISION,

21

00:00:31,213 --> 00:00:32,557

I'M GOING TO GO BE AN ASTRONAUT.

22

00:00:36,862 --> 00:00:38,112

I DID NOT THINK THE EXPERIENCE OF

23

00:00:38,112 --> 00:00:39,287

SPACEFLIGHT WOULD CHANGE ME.

24

00:00:39,287 --> 00:00:41,204

I HEAR ABOUT PEOPLE GOING AND HAVING THIS

25

00:00:41,204 --> 00:00:42,191

"OVERVIEW EFFECT"

26

00:00:42,191 --> 00:00:43,671

AND THEY COME BACK

27

00:00:43,671 --> 00:00:44,831

WHAT AM I GOING TO GO EXPERIENCE

28

00:00:44,831 --> 00:00:46,840

OUT THERE THAT'S GOING TO CHANGE WHO I AM?

29

00:00:48,191 --> 00:00:51,100

BUT IT MADE ME THINK ABOUT A LOT OF THINGS.

30

00:00:51,100 --> 00:00:52,519

SO, FOR THE FIRST PART,

31

00:00:52,519 --> 00:00:53,735

WE ALL HAD THAT PART WHERE

32

00:00:53,735 --> 00:00:54,789

YOU'RE SEEING THE EARTH.

33

00:00:54,789 --> 00:00:56,242

AND YOU SEE YOURSELF NEXT TO THE EARTH,

34

00:00:56,242 --> 00:00:58,012

AND YOU FEEL VERY TINY NEXT TO THE EARTH.

35

00:00:58,012 --> 00:00:59,437

THEN YOU TURN THE OTHER WAY

36

00:00:59,437 --> 00:01:00,679

AND THE EARTH SEEMS VERY TINY

37

00:01:00,679 --> 00:01:02,439

COMPARED TO THE COSMOS OUT THERE.

38

00:01:02,439 --> 00:01:03,263

AND SO YOU FEEL LIKE YOU'RE

39

00:01:03,263 --> 00:01:04,679

TWO ORDERS OF MAGNITUDE DOWN

40

00:01:04,679 --> 00:01:06,520

IN TERMS OF THE SIZE OF THINGS OUT THERE.

41

00:01:07,403 --> 00:01:08,060

ALL OF LIFE,

42

00:01:08,060 --> 00:01:09,337

ALL THE HISTORY OF LIFE,

43

00:01:09,337 --> 00:01:10,258

ALL OF YOUR LIFE,

44

00:01:10,258 --> 00:01:11,106

AND EVERYBODY YOU KNOW,

45

00:01:11,106 --> 00:01:12,776

IS IN THIS LITTLE, TINY,

46

00:01:13,712 --> 00:01:15,606

MEMBRANE OF AIR,

47

00:01:15,606 --> 00:01:17,704

THAT SITS ON TOP OF THIS PLANET.

48

00:01:17,704 --> 00:01:19,409

AND BEYOND THAT MEMBRANE OF AIR IS

49

00:01:19,409 --> 00:01:21,623

THIS ABYSS OF SPACE.

50

00:01:21,623 --> 00:01:22,290

IT'S JUST-

51
00:01:22,290 --> 00:01:24,741
THERE'S NOTHING LIFE-GIVING ABOUT IT.

52
00:01:24,741 --> 00:01:26,339
THAT'S IT, THAT'S ALL THAT SEPARATES YOU.

53
00:01:26,339 --> 00:01:27,851
AND IT MAKES YOU FEEL LIKE,

54
00:01:27,851 --> 00:01:29,097
"WE'RE IN A VERY TINY SPOT

55
00:01:29,097 --> 00:01:29,776
OUT HERE.

56
00:01:29,776 --> 00:01:30,785
AS BIG AS THE EARTH SEEMS,

57
00:01:30,785 --> 00:01:32,297
IT SEEMS SUDDENLY VERY,

58
00:01:32,297 --> 00:01:33,290
VERY FINITE.

59
00:01:38,317 --> 00:01:39,001
ONE OF THE THINGS

60
00:01:39,001 --> 00:01:39,990
THAT GOT ME ONE DAY,

61
00:01:39,990 --> 00:01:41,194
WE HAD SOME TIME OFF.

62
00:01:41,195 --> 00:01:43,025
AND I WANTED TO GO GET SOME PICTURES

63
00:01:43,025 --> 00:01:43,527

OF ITEMS

- 64
00:01:43,527 --> 00:01:44,833
THAT I'D FLOWN UP FOR
- 65
00:01:44,833 --> 00:01:46,018
OTHER PEOPLE OUT THERE.
- 66
00:01:46,018 --> 00:01:47,134
AND SO I GET OUT THERE
- 67
00:01:47,134 --> 00:01:48,494
AND I CRANK OPEN ALL THE DIFFERENT
- 68
00:01:48,494 --> 00:01:50,545
PANELS ON THE CUPOLA WINDOW.
- 69
00:01:50,545 --> 00:01:52,316
AND JUST BY DUMB LUCK,
- 70
00:01:52,316 --> 00:01:53,910
WE WERE FLYING DOWN THE SPINE
- 71
00:01:53,910 --> 00:01:55,288
OF NEW ZEALAND.
- 72
00:01:55,288 --> 00:01:56,771
SO YOU'VE GOT THIS EMERALD
- 73
00:01:56,771 --> 00:01:58,842
GREEN ISLAND WITH ALL OF THE MOUNTAINS.
- 74
00:01:58,842 --> 00:01:59,438
AND YOU'VE GOT THE
- 75
00:01:59,438 --> 00:02:00,953
OCEAN OUT THERE AS THE BACKDROP

76
00:02:00,953 --> 00:02:01,616
FOR ALL THESE PHOTOS.

77
00:02:01,616 --> 00:02:02,734
IT ALMOST MADE ME

78
00:02:02,734 --> 00:02:03,912
FORGET TO TAKE THE PICTURES BECAUSE

79
00:02:03,912 --> 00:02:05,442
I WAS TOO BUSY GAWKING AT

80
00:02:05,442 --> 00:02:06,445
NEW ZEALAND

81
00:02:06,445 --> 00:02:07,931
OUT OF THE CUPOLA

82
00:02:07,931 --> 00:02:08,758
AS WE WENT OVER IT.

83
00:02:13,798 --> 00:02:15,646
GOING ON MY VERY FIRST SPACEWALK,

84
00:02:15,646 --> 00:02:16,620
I LOOKED DOWN,

85
00:02:16,620 --> 00:02:17,773
AND THAT WAS MY FIRST MISTAKE

86
00:02:17,773 --> 00:02:20,221
BECAUSE THIS WAS THE AMAZON RAINFOREST

87
00:02:20,221 --> 00:02:21,185
BENEATH ME.

88
00:02:21,185 --> 00:02:22,268

IT'S FEBRUARY, I GUESS

89

00:02:22,268 --> 00:02:22,997

IT'S SUMMERTIME

90

00:02:22,997 --> 00:02:24,000

IN THE SOUTHERN HEMISPHERE

91

00:02:24,000 --> 00:02:25,377

SO I COULD SEE ALL THE WAY DOWN

92

00:02:25,377 --> 00:02:26,518

TO THE RIVER ITSELF.

93

00:02:26,518 --> 00:02:28,106

AND ALL THE DARK GREEN

94

00:02:28,106 --> 00:02:29,922

LUSH JUNGLES, THE BROWN RIVER

95

00:02:30,000 --> 00:02:31,237

AND ALL THE ESTUARIES

96

00:02:31,237 --> 00:02:32,060

FLOWING INTO IT.

97

00:02:32,060 --> 00:02:33,126

I COULD SEE THIS MUDDY DELTA

98

00:02:33,126 --> 00:02:34,751

GOING OUT INTO THE ATLANTIC OCEAN.

99

00:02:34,751 --> 00:02:36,094

AND I COULD SEE THE GRAY

100

00:02:36,094 --> 00:02:37,069

AND SNOW-CAPPED PEAKS

101
00:02:37,069 --> 00:02:37,971
OF THE ANDES MOUNTAINS

102
00:02:37,971 --> 00:02:38,944
ALL OUT TO THE WEST.

103
00:02:38,944 --> 00:02:41,108
AND SO, DESPITE MY BEST INTENTIONS,

104
00:02:41,108 --> 00:02:42,736
MOTHER NATURE WAS SAYING,

105
00:02:42,736 --> 00:02:43,787
"YOU WILL NOT IGNORE ME,

106
00:02:43,787 --> 00:02:45,060
YOU MUST PAY ATTENTION."

107
00:02:45,060 --> 00:02:45,754
AND I'M JUST SITTING THERE

108
00:02:45,754 --> 00:02:47,166
JUST GOBSMACKED LOOKING

109
00:02:47,166 --> 00:02:47,666
AT THIS THING,

110
00:02:47,666 --> 00:02:49,868
AND TRYING HARD TO TEAR MYSELF AWAY.

111
00:02:49,868 --> 00:02:51,803
FORTUNATELY, MY LEAD SPACEWALKER,

112
00:02:51,803 --> 00:02:52,554
STEVE, HE JUST SAT THERE

113
00:02:52,554 --> 00:02:53,054

AND SAID,

114

00:02:53,054 --> 00:02:54,000

"JUST TAKE YOUR TIME AND

115

00:02:54,000 --> 00:02:54,642

TAKE THE SCENE IN.

116

00:02:54,642 --> 00:02:55,142

YOU WILL NEVER

117

00:02:55,142 --> 00:02:56,434

SEE SOMETHING LIKE THE AGAIN,

118

00:02:56,434 --> 00:02:57,572

EVER. SO YOU MIGHT AS WELL

119

00:02:57,572 --> 00:02:58,924

GET THE EXPERIENCE NOW."

120

00:03:12,445 --> 00:03:13,953

MY ADVICE FOR HUMANITY IS:

121

00:03:14,772 --> 00:03:16,066

THIS IS A GREAT PLACE TO START,

122

00:03:16,689 --> 00:03:17,470

BUT DON'T STICK AROUND

123

00:03:17,470 --> 00:03:18,480

HERE VERY LONG.

124

00:03:19,116 --> 00:03:20,105

WE HAVE OPPORTUNITIES

125

00:03:20,105 --> 00:03:20,605

OUT THERE.

126
00:03:20,605 --> 00:03:21,366
I FORGET WHO IT WAS WHO SAID,

127
00:03:22,184 --> 00:03:23,283
"IF HUMANKIND WAS MEANT

128
00:03:23,283 --> 00:03:24,502
TO EXPLORE THE UNIVERSE,

129
00:03:24,502 --> 00:03:25,002
GOD WOULD HAVE

130
00:03:25,002 --> 00:03:25,959
GIVEN US A MOON."

131
00:03:26,767 --> 00:03:27,611
WE NEED TO TAKE ADVANTAGE

132
00:03:27,611 --> 00:03:29,211
OF THAT, USE THAT AS

133
00:03:29,211 --> 00:03:30,153
A LEAPING PAD TO

134
00:03:30,244 --> 00:03:31,608
GET OFF INTO OTHER PLACES.

135
00:03:31,608 --> 00:03:32,687
SOMEDAY WE'RE GOING TO NEED TO BE

136
00:03:32,687 --> 00:03:33,351
FROM SPACE

137
00:03:33,351 --> 00:03:34,485
AND NOT GOING OUT THERE AND