



1
00:00:11,150 --> 00:00:08,930
in recognition of african-american

2
00:00:13,190 --> 00:00:11,160
history month NASA salutes the

3
00:00:16,220 --> 00:00:13,200
contributions of african-americans to

4
00:00:19,040 --> 00:00:16,230
the cause of space exploration I think a

5
00:00:21,019 --> 00:00:19,050
lot of young people believe that the

6
00:00:23,390 --> 00:00:21,029
only way to be successful in this world

7
00:00:26,269 --> 00:00:23,400
is to go through school to get those

8
00:00:28,640 --> 00:00:26,279
grades to go out and apply for some high

9
00:00:30,679 --> 00:00:28,650
paying job and do your nine to five if

10
00:00:33,290 --> 00:00:30,689
you're a person that's not satisfied

11
00:00:35,959 --> 00:00:33,300
with that then science is where you you

12
00:00:38,740 --> 00:00:35,969
might want to consider being my job with

13
00:00:41,869 --> 00:00:38,750

NASA is to conduct research into the

14

00:00:44,660 --> 00:00:41,879

discovery and characterization of

15

00:00:48,110 --> 00:00:44,670

planets around other stars I use

16

00:00:50,029 --> 00:00:48,120

telescopes to observe the universe our

17

00:00:52,580 --> 00:00:50,039

recent discovery is very exciting it's

18

00:00:56,389 --> 00:00:52,590

the discovery of a very compact system

19

00:00:59,119 --> 00:00:56,399

of very small planets around a small red

20

00:01:01,729 --> 00:00:59,129

dwarf star so this is indicating to us

21

00:01:04,700 --> 00:01:01,739

that the most likely place to find a

22

00:01:06,980 --> 00:01:04,710

truly earth-like habitable planet might

23

00:01:09,550 --> 00:01:06,990

be around a tiny little faint red dwarf

24

00:01:11,810 --> 00:01:09,560

star and they're everywhere on the sky

25

00:01:12,950 --> 00:01:11,820

this is what helps me wake up in the

26

00:01:16,580 --> 00:01:12,960

morning this is what keeps me going

27

00:01:19,130 --> 00:01:16,590

through my very busy days is our

28

00:01:21,649 --> 00:01:19,140

discoveries like this where there was no

29

00:01:23,450 --> 00:01:21,659

answer in the back of the book I lacked

30

00:01:26,420 --> 00:01:23,460

a lot of confidence when I first started

31

00:01:29,359 --> 00:01:26,430

off studying astronomy I encountered

32

00:01:31,609 --> 00:01:29,369

questions that nobody on earth knew the

33

00:01:34,969 --> 00:01:31,619

answer to and I was actually having to

34

00:01:38,090 --> 00:01:34,979

devise the method of reaching the answer

35

00:01:39,800 --> 00:01:38,100

it's okay to be stuck as a matter of

36

00:01:42,200 --> 00:01:39,810

fact to be an astronomer to be a really

37

00:01:45,200 --> 00:01:42,210

successful scientist uses should spend

38

00:01:46,249 --> 00:01:45,210

the majority of your time stuck because

39

00:01:48,859 --> 00:01:46,259

that means you're doing something

40

00:01:51,800 --> 00:01:48,869

interesting this is actually a really

41

00:01:53,660 --> 00:01:51,810

great job to understand the universe and