

SCIENTISTS CAN NOW CONDUCT STUDIES OF THE



Jezero (Perseverance)

Gal

Olympus Mons

Capri Chasma

Medusae Fossae

Nicholson

N

1
00:00:05,749 --> 00:00:02,930
can I show you the largest image of the

2
00:00:07,249 --> 00:00:05,759
red planet ever created I'm Jay Dixon an

3
00:00:08,750 --> 00:00:07,259
image processing scientist at the Murray

4
00:00:10,850 --> 00:00:08,760
Lab at Caltech

5
00:00:13,669 --> 00:00:10,860
I've spent the last six years working on

6
00:00:15,890 --> 00:00:13,679
a project that combines over 110 000

7
00:00:17,570 --> 00:00:15,900
images of the surface of Mars from the

8
00:00:19,849 --> 00:00:17,580
context camera on the Mars

9
00:00:21,650 --> 00:00:19,859
reconnaissance Orbiter making a global

10
00:00:23,090 --> 00:00:21,660
Mosaic of the red planet like you've

11
00:00:24,950 --> 00:00:23,100
never seen before

12
00:00:26,990 --> 00:00:24,960
scientists can now conduct studies of

13
00:00:29,390 --> 00:00:27,000

the entire planet of Mars at high

14

00:00:31,730 --> 00:00:29,400

resolution instead of just local areas

15

00:00:34,130 --> 00:00:31,740

and we're making the Mosaic freely

16

00:00:36,410 --> 00:00:34,140

available to the public as well zoom in

17

00:00:38,930 --> 00:00:36,420

and you can see cliffsides and impact

18

00:00:41,209 --> 00:00:38,940

craters you can even fly to specific

19

00:00:43,910 --> 00:00:41,219

points on Mars like perseverance's

20

00:00:45,830 --> 00:00:43,920

Landing site in jezero Crater or the

21

00:00:48,290 --> 00:00:45,840

largest canyon in our entire solar

22

00:00:49,910 --> 00:00:48,300

system at vallus marineris as you can

23

00:00:52,389 --> 00:00:49,920

see right here

24

00:00:56,090 --> 00:00:52,399

the whole Mosaic is available for free