



Galileo image of Europa

1
00:00:08,240 --> 00:00:05,030
what's up for June our sister planet

2
00:00:11,330 --> 00:00:08,250
Venus dazzles while Jupiter moves in for

3
00:00:13,730 --> 00:00:11,340
its closest appearance of the year hello

4
00:00:15,799 --> 00:00:13,740
and welcome I'm Jane Houston Jones with

5
00:00:18,859 --> 00:00:15,809
NASA's Jet Propulsion Laboratory in

6
00:00:20,840 --> 00:00:18,869
Pasadena California Jupiter will be at

7
00:00:24,109 --> 00:00:20,850
its biggest and brightest this month and

8
00:00:26,060 --> 00:00:24,119
offers great views through August with

9
00:00:28,820 --> 00:00:26,070
your telescope you can see cloud bands

10
00:00:31,099 --> 00:00:28,830
and the Great Red Spot this is really a

11
00:00:33,049 --> 00:00:31,109
gigantic storm within the clouds that

12
00:00:36,440 --> 00:00:33,059
astronomers have been seeing for over

13
00:00:39,170 --> 00:00:36,450

300 years through a telescope the red

14

00:00:41,360 --> 00:00:39,180

spot will look ready pink and even a bit

15

00:00:44,479 --> 00:00:41,370

smudgy but it's definitely worth looking

16

00:00:47,330 --> 00:00:44,489

for you should also be able to pick out

17

00:00:50,090 --> 00:00:47,340

Jupiter's four largest moons two of them

18

00:00:52,639 --> 00:00:50,100

IO and Europa pass in front of Jupiter

19

00:00:55,100 --> 00:00:52,649

on june sixteenth you may even be able

20

00:00:58,639 --> 00:00:55,110

to see their tiny black circular shadows

21

00:01:01,610 --> 00:00:58,649

across the planet many nasa spacecraft

22

00:01:03,920 --> 00:01:01,620

have studied Jupiter and its moons the

23

00:01:08,240 --> 00:01:03,930

Galileo spacecraft orbited Jupiter from

24

00:01:10,850 --> 00:01:08,250

1995 to 2003 one of the missions many

25

00:01:12,920 --> 00:01:10,860

discoveries was strong evidence that the

26

00:01:17,420 --> 00:01:12,930

moon Europa has a saltwater ocean

27

00:01:19,219 --> 00:01:17,430

beneath it's icy surface Venus also

28

00:01:22,010 --> 00:01:19,229

pulls out all the stops this month

29

00:01:24,290 --> 00:01:22,020

appearing high and bright alongside many

30

00:01:27,230 --> 00:01:24,300

objects in the sky

31

00:01:30,440 --> 00:01:27,240

our sister planet skims by a swarm of

32

00:01:32,900 --> 00:01:30,450

stars called the beehive star cluster by

33

00:01:36,980 --> 00:01:32,910

mid-month the crescent moon joins the

34

00:01:40,010 --> 00:01:36,990

lineup below Venus for the months grand

35

00:01:42,470 --> 00:01:40,020

finale Saturn and Venus draw closer and

36

00:01:44,690 --> 00:01:42,480

closer to one another they will appear

37

00:01:47,510 --> 00:01:44,700

so close that they'll fit in one eye

38

00:01:49,970 --> 00:01:47,520

piece view next month will offer some

39

00:01:53,060 --> 00:01:49,980

summertime viewing tips and talk about

40

00:01:59,600 --> 00:01:53,070

observing the moon to learn more about

41

00:02:02,230 --> 00:01:59,610

all of NASA's missions visit www.nasa.gov

42

00:02:06,680 --> 00:02:02,240

charts and email questions to me at

43

00:02:09,470 --> 00:02:06,690

education JPL nasa gov just click on the