



1
00:00:05,910 --> 00:00:01,429

[Music]

2
00:00:08,940 --> 00:00:05,920

what's up for December Venus Saturn the

3
00:00:11,390 --> 00:00:08,950

Crescent Moon and Mars make close passes

4
00:00:14,430 --> 00:00:11,400

at dusk and dawn throughout the month

5
00:00:17,759 --> 00:00:14,440

December starts off with a lovely string

6
00:00:19,859 --> 00:00:17,769

of pearls with Jupiter Venus Saturn and

7
00:00:22,919 --> 00:00:19,869

the crescent moon forming a line up at

8
00:00:24,900 --> 00:00:22,929

dusk on December 1st you'll need a

9
00:00:26,909 --> 00:00:24,910

pretty clear view toward the horizon to

10
00:00:28,679 --> 00:00:26,919

see Jupiter which is setting soon after

11
00:00:30,329 --> 00:00:28,689

the Sun these days look for an

12
00:00:33,660 --> 00:00:30,339

unobscured view toward the southwest

13
00:00:35,729 --> 00:00:33,670

about half an hour after sunset in the

14

00:00:38,490 --> 00:00:35,739

middle of December watch each evening

15

00:00:41,279 --> 00:00:38,500

from the 9th through the 13th as Venus

16

00:00:43,619 --> 00:00:41,289

and Saturn just skim past each other

17

00:00:47,970 --> 00:00:43,629

with brilliant cloud swaddle Venus

18

00:00:50,010 --> 00:00:47,980

rising higher in the sky each day early

19

00:00:51,869 --> 00:00:50,020

risers can catch a glimpse of the Red

20

00:00:54,450 --> 00:00:51,879

Planet being visited by the slim

21

00:00:57,000 --> 00:00:54,460

crescent of the moon on December 22nd

22

00:00:59,220 --> 00:00:57,010

and 23rd to see them look toward the

23

00:01:02,189 --> 00:00:59,230

southeast about 45 minutes before

24

00:01:05,219 --> 00:01:02,199

sunrise you'll see the moon above Mars

25

00:01:09,030 --> 00:01:05,229

on the 22nd by the 23rd it's moved below

26

00:01:10,859 --> 00:01:09,040

Mars and a bit toward the east at the

27

00:01:13,230 --> 00:01:10,869

end of December you won't want to miss a

28

00:01:16,590 --> 00:01:13,240

dazzling pair up of Venus and the

29

00:01:19,560 --> 00:01:16,600

crescent moon on the 28th look low in

30

00:01:22,469 --> 00:01:19,570

the southwest sky at dusk to find Venus

31

00:01:25,350 --> 00:01:22,479

hovering in Twilight just above a slim

32

00:01:27,270 --> 00:01:25,360

lunar Crescent NASA's space missions

33

00:01:29,010 --> 00:01:27,280

explore the moon and the planets of our

34

00:01:31,230 --> 00:01:29,020

solar system to answer fundamental

35

00:01:33,389 --> 00:01:31,240

science questions about where we come

36

00:01:37,380 --> 00:01:33,399

from where we're going and whether we're

37

00:01:42,480 --> 00:01:37,390

alone here are the phases of the Moon

38

00:01:44,520 --> 00:01:42,490

for December follow all of NASA's

39

00:01:47,550 --> 00:01:44,530

current and future missions at nasa.gov

40

00:01:49,620 --> 00:01:47,560

I'm Preston dykes from NASA's Jet