

1  
00:00:01,899 --> 00:00:06,380  
[Music]

2  
00:00:06,918 --> 00:00:16,410  
your guide to constellations deep-sky

3  
00:00:09,980 --> 00:00:20,870  
objects planets and events tonight's sky

4  
00:00:16,410 --> 00:00:24,039  
highlights of the May sky

5  
00:00:20,870 --> 00:00:24,039  
[Music]

6  
00:00:27,809 --> 00:00:29,868  
you

7  
00:00:33,630 --> 00:00:42,260  
after sunset try to find dim red Mars

8  
00:00:38,369 --> 00:00:42,259  
low in the western sky

9  
00:00:43,189 --> 00:00:48,599  
if you succeed aim a telescope at the

10  
00:00:46,710 --> 00:00:50,030  
planet to catch a glimpse of its

11  
00:00:48,600 --> 00:00:59,149  
features

12  
00:00:50,030 --> 00:01:02,010  
[Music]

13  
00:00:59,149 --> 00:01:10,769  
bright jupiter will be much easier to

14  
00:01:02,009 --> 00:01:12,959  
spot hi in the southern sky a telescope

15  
00:01:10,769 --> 00:01:16,819  
will reveal the giant planets cloud

16  
00:01:12,959 --> 00:01:16,819  
bands and some of its moons

17  
00:01:19,780 --> 00:01:32,489  
[Music]

18  
00:01:33,090 --> 00:01:37,870  
looking toward the south we've turned

19  
00:01:35,769 --> 00:01:41,349  
away from the crowded center of our

20  
00:01:37,870 --> 00:01:45,030  
Milky Way galaxy thus we see farther

21  
00:01:41,349 --> 00:01:48,699  
into the universe the large

22  
00:01:45,030 --> 00:01:51,549  
constellation Virgo fills the southern

23  
00:01:48,700 --> 00:01:54,219  
sky in the late evening one of these

24  
00:01:51,549 --> 00:01:57,939  
Ariel constellations of ancient times

25  
00:01:54,219 --> 00:02:05,109  
Virgo honors the life-giving virtues of

26  
00:01:57,939 --> 00:02:08,829  
women using a pair of binoculars visit

27  
00:02:05,109 --> 00:02:12,430  
the Virgo cluster of galaxies these tiny

28  
00:02:08,830 --> 00:02:15,610  
smudges of light are galaxies far away

29

00:02:12,430 --> 00:02:19,680  
from our own Milky Way each of glow with

30  
00:02:15,610 --> 00:02:19,680  
the light of billions of stars

31  
00:02:22,449 --> 00:02:31,158  
the sombrero galaxy m-104 lies in the

32  
00:02:27,408 --> 00:02:33,739  
southern part of Virgo it's dark dust

33  
00:02:31,158 --> 00:02:35,479  
Lane makes it look like a large hat

34  
00:02:33,739 --> 00:02:45,340  
hence its name

35  
00:02:35,479 --> 00:02:49,099  
[Music]

36  
00:02:45,340 --> 00:02:54,020  
to smaller constellations lie above

37  
00:02:49,099 --> 00:02:57,019  
Virgo Coma Berenices honors a queen who

38  
00:02:54,020 --> 00:03:03,020  
gave her long hair to the gods to ensure

39  
00:02:57,020 --> 00:03:06,620  
her husband's safe return from war m64 a

40  
00:03:03,020 --> 00:03:08,250  
spiral galaxy can be found tangled in

41  
00:03:06,620 --> 00:03:43,308  
Berenices hair

42  
00:03:08,250 --> 00:03:43,308  
[Music]

43  
00:03:45,310 --> 00:03:50,650

Kayleigh's Vinod acai represents the

44

00:03:48,400 --> 00:04:00,710  
hunting dogs of the gods

45

00:03:50,650 --> 00:04:00,710  
[Music]

46

00:04:04,060 --> 00:04:11,500  
the bright star in Kenny's vinod aside

47

00:04:07,000 --> 00:04:14,300  
is cor caroli the heart of Charles named

48

00:04:11,500 --> 00:04:17,728  
for Charles the first of England

49

00:04:14,300 --> 00:04:17,728  
[Music]

50

00:04:20,300 --> 00:04:29,220  
m51 in canis vinod acai is known as the

51

00:04:24,720 --> 00:04:33,140  
Whirlpool Galaxy it is one of the most

52

00:04:29,220 --> 00:04:46,989  
beautiful face on spirals in the sky

53

00:04:33,139 --> 00:04:46,988  
[Music]

54

00:04:47,288 --> 00:04:52,878  
Saturn rises by midnight and spends the

55

00:04:50,598 --> 00:05:03,500  
morning hours shining in the southern

56

00:04:52,879 --> 00:05:04,530  
sky its rings are easy to see in a small

57

00:05:03,500 --> 00:05:15,168  
telescope

58  
00:05:04,529 --> 00:05:18,138  
[Music]

59  
00:05:15,168 --> 00:05:26,568  
Venus appears in the eastern sky about

60  
00:05:18,139 --> 00:05:30,788  
an hour before sunrise use a telescope

61  
00:05:26,569 --> 00:05:30,789  
to check out its crescent phase

62  
00:05:38,129 --> 00:05:42,350  
[Music]

63  
00:05:45,899 --> 00:05:56,219  
the annual ADA a quarried meteor shower

64  
00:05:48,750 --> 00:05:59,699  
returns this month on the night of May

65  
00:05:56,220 --> 00:06:03,120  
4th to 5th expect to see up to 10

66  
00:05:59,699 --> 00:06:08,039  
meteors per hour look for them shooting

67  
00:06:03,120 --> 00:06:12,769  
from the east after midnight the night

68  
00:06:08,040 --> 00:06:12,770  
sky is always a celestial showcase

69  
00:06:14,600 --> 00:06:19,070  
explore its wonders from your own

70  
00:06:17,160 --> 00:06:30,838  
backyard

71  
00:06:19,069 --> 00:06:30,838  
[Music]

72

00:06:31,199 --> 00:06:33,259

you