

1  
00:00:07,519 --> 00:00:14,400  
your guide to constellations deep-sky

2  
00:00:10,400 --> 00:00:19,219  
objects planets and events tonight's sky

3  
00:00:14,400 --> 00:00:19,219  
highlights of the May sky

4  
00:00:36,488 --> 00:00:42,948  
after nightfall look high in the

5  
00:00:39,558 --> 00:00:45,609  
southern sky to find the king of planets

6  
00:00:42,948 --> 00:00:45,609  
Jupiter

7  
00:00:51,219 --> 00:00:58,589  
a telescope will reveal Jupiter's cloud

8  
00:00:54,399 --> 00:00:58,589  
bands and a few of its moons

9  
00:01:09,019 --> 00:01:23,969  
Mars and Saturn appear low in the

10  
00:01:12,420 --> 00:01:26,129  
southeast late in the evening you can

11  
00:01:23,969 --> 00:01:28,609  
get a better view of the planets through

12  
00:01:26,129 --> 00:01:28,609  
a telescope

13  
00:01:42,620 --> 00:01:47,490  
looking toward the south we've turned

14  
00:01:45,450 --> 00:01:50,490  
away from the crowded center of our

15  
00:01:47,489 --> 00:01:53,989  
Milky Way galaxy thus we see farther

16  
00:01:50,489 --> 00:01:57,479  
into the universe the large

17  
00:01:53,989 --> 00:02:00,659  
constellation Virgo fills the southern

18  
00:01:57,480 --> 00:02:03,359  
sky in the late evening one of these

19  
00:02:00,659 --> 00:02:07,049  
zodiacal constellations of ancient times

20  
00:02:03,359 --> 00:02:14,879  
Virgo honors the life-giving virtues of

21  
00:02:07,049 --> 00:02:18,539  
women using a pair of binoculars visit

22  
00:02:14,879 --> 00:02:22,259  
the Virgo cluster of galaxies these tiny

23  
00:02:18,539 --> 00:02:23,639  
smudges of light are galaxies far away

24  
00:02:22,259 --> 00:02:27,269  
from our own Milky Way

25  
00:02:23,639 --> 00:02:29,449  
each aglow with the light of billions of

26  
00:02:27,270 --> 00:02:29,450  
stars

27  
00:02:32,039 --> 00:02:39,328  
the sombrero galaxy m-104

28  
00:02:35,579 --> 00:02:41,939  
lies in the southern part of Virgo it's

29

00:02:39,329 --> 00:02:46,370  
dark dust Lane makes it look like a

30  
00:02:41,938 --> 00:02:46,370  
large hat hence its name

31  
00:02:54,750 --> 00:03:03,189  
to smaller constellations lie above

32  
00:02:58,120 --> 00:03:06,039  
Virgo Coma Berenices honors a queen who

33  
00:03:03,189 --> 00:03:10,439  
gave her long hair to the gods to ensure

34  
00:03:06,039 --> 00:03:10,439  
her husband's safe return from war

35  
00:03:21,909 --> 00:03:30,159  
m64 a spiral galaxy can be found tangled

36  
00:03:26,780 --> 00:03:30,159  
in Berenices hair

37  
00:03:56,780 --> 00:04:03,169  
Janey's Vinod acai represents the

38  
00:03:59,669 --> 00:04:03,169  
hunting dogs of the gods

39  
00:04:11,389 --> 00:04:18,769  
the brightest star in canis vinod aside

40  
00:04:14,300 --> 00:04:22,689  
is cor caroli the heart of Charles named

41  
00:04:18,769 --> 00:04:22,689  
for Charles the first of England

42  
00:04:30,250 --> 00:04:38,000  
m51 in Keeney's Vinod acai is known as

43  
00:04:34,639 --> 00:04:41,000

the Whirlpool Galaxy it is one of the

44

00:04:38,000 --> 00:04:43,300

most beautiful face on spirals in the

45

00:04:41,000 --> 00:04:43,300

sky

46

00:04:56,658 --> 00:05:07,379

the annual ADA acquara de er shower

47

00:05:00,060 --> 00:05:10,918

returns this month on the night of May

48

00:05:07,379 --> 00:05:14,699

4th to May 5th expect to see up to 10

49

00:05:10,918 --> 00:05:22,378

meteors per hour look for them shooting

50

00:05:14,699 --> 00:05:25,550

from the east after midnight the night

51

00:05:22,379 --> 00:05:27,810

sky is always a celestial showcase

52

00:05:25,550 --> 00:05:30,020

explore its wonders from your own

53

00:05:27,810 --> 00:05:30,019

backyard

54

00:05:46,399 --> 00:05:48,459

you