

1
00:00:01,899 --> 00:00:08,630
[Music]

2
00:00:05,359 --> 00:00:15,240
your guide to constellations deep-sky

3
00:00:08,630 --> 00:00:18,539
objects planets and events tonight's sky

4
00:00:15,240 --> 00:00:36,049
highlights of the March sky

5
00:00:18,539 --> 00:00:38,750
[Music]

6
00:00:36,049 --> 00:00:40,789
as the brilliant stars of winter

7
00:00:38,750 --> 00:00:42,890
progressed toward the West the

8
00:00:40,789 --> 00:00:45,799
constellations of spring make their

9
00:00:42,890 --> 00:00:49,009
appearance to March constellations

10
00:00:45,799 --> 00:00:52,759
derived from Greek mythology Gemini and

11
00:00:49,009 --> 00:00:54,588
cancer lie in the zodiac the zodiac is

12
00:00:52,759 --> 00:00:58,308
the name for the band of sky through

13
00:00:54,588 --> 00:01:02,539
which the Sun Moon and planets appear to

14
00:00:58,308 --> 00:01:05,599
travel the Gemini twins by high overhead

15
00:01:02,539 --> 00:01:08,090
they were among Jason's Argonauts who

16
00:01:05,599 --> 00:01:10,449
sailed the seas searching for the Golden

17
00:01:08,090 --> 00:01:10,450
Fleece

18
00:01:12,540 --> 00:01:16,849
[Music]

19
00:01:19,319 --> 00:01:25,139
the two bright stars are the heads of

20
00:01:22,478 --> 00:01:30,359
the brothers castor and pollux

21
00:01:25,140 --> 00:01:33,480
[Music]

22
00:01:30,359 --> 00:01:37,530
a fuzzy patch lies near the feet of the

23
00:01:33,480 --> 00:01:40,020
Gemini twins called m35 it is a pretty

24
00:01:37,530 --> 00:01:54,849
cluster of several hundred stars

25
00:01:40,019 --> 00:01:54,848
[Music]

26
00:01:58,859 --> 00:02:04,599
cancer is often identified as a crab but

27
00:02:02,409 --> 00:02:10,330
has also been seen as a lobster or

28
00:02:04,599 --> 00:02:12,909
crayfish in Greek mythology cancer was

29

00:02:10,330 --> 00:02:15,880
placed in the heavens by Hera wife of

30
00:02:12,909 --> 00:02:23,889
Zeus to immortalize its tenacious but

31
00:02:15,879 --> 00:02:26,199
futile battle with Hercules it is a much

32
00:02:23,889 --> 00:02:29,519
dimmer constellation than Gemini and

33
00:02:26,199 --> 00:02:31,179
hard to see in light polluted skies

34
00:02:29,520 --> 00:02:37,840
within cancer

35
00:02:31,180 --> 00:02:42,879
lies the lovely beehive cluster ancient

36
00:02:37,840 --> 00:02:45,939
stargazers called it a cloudy star this

37
00:02:42,879 --> 00:02:51,009
large cluster contains hundreds of stars

38
00:02:45,939 --> 00:02:53,189
and lies about 577 light-years away from

39
00:02:51,009 --> 00:02:53,189
us

40
00:02:53,360 --> 00:02:58,529
[Music]

41
00:03:00,979 --> 00:03:05,319
[Music]

42
00:03:08,250 --> 00:03:13,310
[Music]

43
00:03:10,209 --> 00:03:16,878

before dawn a string of planets

44

00:03:13,310 --> 00:03:21,199

highlight the eastern sky Saturn Mars

45

00:03:16,878 --> 00:03:23,259

and Jupiter Jupiter and Saturn are the

46

00:03:21,199 --> 00:03:26,929

largest planets in our solar system

47

00:03:23,259 --> 00:03:31,548

while Mars is second only to mercury as

48

00:03:26,930 --> 00:03:34,400

the smallest with a backyard telescope

49

00:03:31,549 --> 00:03:37,310

the rings of Saturn and the bands of

50

00:03:34,400 --> 00:03:44,780

Jupiter are clearly visible while Mars

51

00:03:37,310 --> 00:03:49,569

appears as a small orange red disc the

52

00:03:44,780 --> 00:03:49,568

night sky is always a celestial showcase

53

00:03:51,310 --> 00:03:54,800

explore its wonders from your own

54

00:03:53,689 --> 00:04:12,979

backyard

55

00:03:54,800 --> 00:04:15,040

[Music]

56

00:04:12,979 --> 00:04:15,039

you