

TONIGHT'S SKY



November
2016

1
00:00:15,169 --> 00:00:11,080
your guide to constellations deep-sky

2
00:00:42,290 --> 00:00:15,179
objects planets and events tonight's sky

3
00:00:50,490 --> 00:00:45,770
after sunset look for bright Venus

4
00:00:53,130 --> 00:00:50,500
shining low in the southwest dimmer

5
00:01:00,870 --> 00:00:53,140
Saturn accompanies Venus for the first

6
00:01:03,480 --> 00:01:00,880
few days of the month use a telescope to

7
00:01:17,270 --> 00:01:03,490
get a better view before the planets

8
00:01:31,850 --> 00:01:20,060
reddish Mars appears high in the

9
00:01:51,880 --> 00:01:34,980
try to spot details on the planet with a

10
00:02:00,190 --> 00:01:56,120
some fish a ram and a triangle can all

11
00:02:03,680 --> 00:02:00,200
be found in the November night sky

12
00:02:09,050 --> 00:02:03,690
Pisces in ancient mythology our twin

13
00:02:14,570 --> 00:02:09,060

fish tied together they represent two

14

00:02:17,120 --> 00:02:14,580

Greek gods fleeing fire look for the

15

00:02:23,770 --> 00:02:17,130

circlets of stars high in the southern

16

00:02:39,070 --> 00:02:27,350

just to the east of Pisces lies Aries

17

00:02:48,250 --> 00:02:45,010

it is a dim constellation Pisces and

18

00:02:57,319 --> 00:02:48,260

Aries are in the zodiac the band of sky

19

00:03:02,819 --> 00:02:59,959

Triangulum a simple geometric

20

00:03:06,089 --> 00:03:02,829

constellation has been identified since

21

00:03:14,460 --> 00:03:06,099

ancient times look for it next to the

22

00:03:18,300 --> 00:03:14,470

RAM and the fish the lovely Triangulum

23

00:03:21,030 --> 00:03:18,310

galaxy resides here it belongs to the

24

00:03:22,429 --> 00:03:21,040

same cluster of galaxies that includes

25

00:03:27,479 --> 00:03:22,439

our own Milky Way

26

00:03:30,210 --> 00:03:27,489

also known as m33 the galaxy is about 3

27

00:03:53,200 --> 00:03:30,220

million light years distant it can be

28

00:04:06,220 --> 00:03:56,030

Jupiter's shines in the southeastern sky

29

00:04:11,510 --> 00:04:09,290

get a good view of the giant planets

30

00:04:28,620 --> 00:04:11,520

cloud bands through the sights of a

31

00:04:34,450 --> 00:04:31,779

November boasts the Leonid meteor shower

32

00:04:36,909 --> 00:04:34,460

this shower is the result of Earth's

33

00:04:39,339 --> 00:04:36,919

annual passage through the dust trails

34

00:04:42,279 --> 00:04:39,349

left by comet tempel-tuttle which

35

00:04:49,450 --> 00:04:42,289

returns to the inner solar system every

36

00:04:52,510 --> 00:04:49,460

33 years look for meteors on the evening

37

00:04:55,320 --> 00:04:52,520

of November 17th and early morning of

38

00:04:58,180 --> 00:04:55,330

November 18th

39

00:05:00,490 --> 00:04:58,190

unfortunately bright moonlight will make

40

00:05:06,730 --> 00:05:00,500

it difficult to see fainter Leonid

41

00:05:10,770 --> 00:05:09,909

the night sky is always a celestial

42

00:05:13,089 --> 00:05:10,780

showcase