

A night sky filled with stars of various colors (white, blue, yellow) and a crescent moon. The sky transitions from a dark blue at the top to a lighter blue near the horizon. Below the horizon is a dark, silhouetted landscape of trees and a field.

**TONIGHT'S  
SKY**

Oct. 2011

1  
00:00:14,709 --> 00:00:06,309  
your guide to constellations deep sky

2  
00:00:37,030 --> 00:00:17,750  
tonight's sky highlights of the october

3  
00:00:41,910 --> 00:00:39,750  
october provides the year's best views

4  
00:00:44,549 --> 00:00:41,920  
of the king of planets

5  
00:00:47,110 --> 00:00:44,559  
jupiter rises in the east after sunset

6  
00:00:50,229 --> 00:00:47,120  
and dominates the night sky all month

7  
00:01:22,390 --> 00:00:52,630  
use binoculars to watch the dance of its

8  
00:01:27,429 --> 00:01:25,030  
pegasus the great winged horse of greek

9  
00:01:28,950 --> 00:01:27,439  
mythology prances across the autumn

10  
00:01:31,670 --> 00:01:28,960  
night sky

11  
00:01:37,830 --> 00:01:31,680  
his body is denoted by a large area of

12  
00:01:44,390 --> 00:01:40,870  
pegasus hosts the first sun-like star

13  
00:01:46,710 --> 00:01:44,400

known to have an extra-solar planet 51

14

00:01:49,270 --> 00:01:46,720

pegasi

15

00:01:52,149 --> 00:01:49,280

the brightest corner of the great square

16

00:02:08,389 --> 00:01:52,159

alpheratz is also the brightest star in

17

00:02:13,830 --> 00:02:11,350

in greek mythology this princess was

18

00:02:17,190 --> 00:02:13,840

chained to a rock near the sea to

19

00:02:21,110 --> 00:02:17,200

appease a sea monster within andromeda's

20

00:02:25,030 --> 00:02:21,120

boundaries look for m31 the andromeda

21

00:02:28,470 --> 00:02:25,040

galaxy an island of billions of stars on

22

00:02:31,750 --> 00:02:28,480

a clear dark night it appears as a faint

23

00:02:34,790 --> 00:02:31,760

smudge of light approximately 2.5

24

00:02:37,990 --> 00:02:34,800

million light years away m-31 is the

25

00:02:40,949 --> 00:02:38,000

closest spiral galaxy to our own milky

26

00:02:43,270 --> 00:02:40,959

way galaxy and the most distant object

27

00:02:46,309 --> 00:02:43,280

you can see with your eyes alone

28

00:02:50,550 --> 00:02:46,319

binoculars and small telescopes reveal

29

00:02:54,070 --> 00:02:50,560

m31's glowing nucleus and spiral arms

30

00:02:57,030 --> 00:02:54,080

the andromeda galaxy is slowly consuming

31

00:03:17,270 --> 00:02:57,040

one of its smaller companion galaxies

32

00:03:51,509 --> 00:03:20,630

ruddy mars rises in the east well before

33

00:03:56,949 --> 00:03:53,830

an interesting meteor shower happens

34

00:03:59,589 --> 00:03:56,959

from october 20th to 24th

35

00:04:03,030 --> 00:03:59,599

after midnight look to the east where

36

00:04:06,149 --> 00:04:03,040

the constellation orion is rising

37

00:04:08,869 --> 00:04:06,159

every few minutes you may spy a tiny

38

00:04:10,869 --> 00:04:08,879

remnant of halley's comet burning up

39

00:04:16,550 --> 00:04:10,879

high in the atmosphere

40

00:04:23,749 --> 00:04:19,270

the night sky is always a celestial