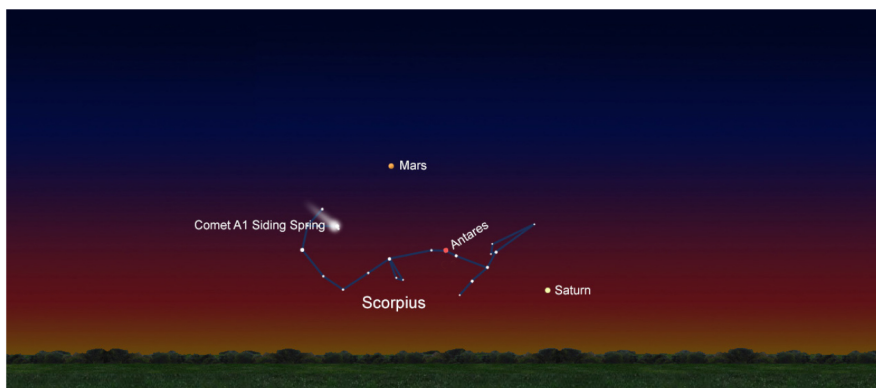


# What's Up for October?

Comet Siding Spring passes closer to Mars than any known comet

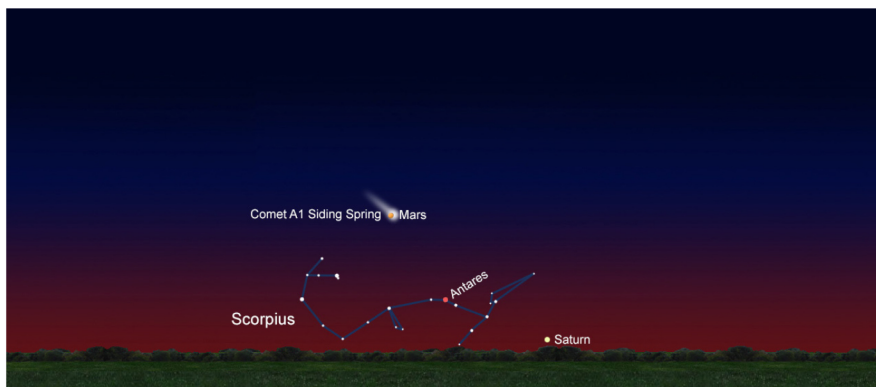
## October 1

For all US observers, look west low to the horizon after sunset to find Mars and Saturn. The comet may be too faint to find in binoculars



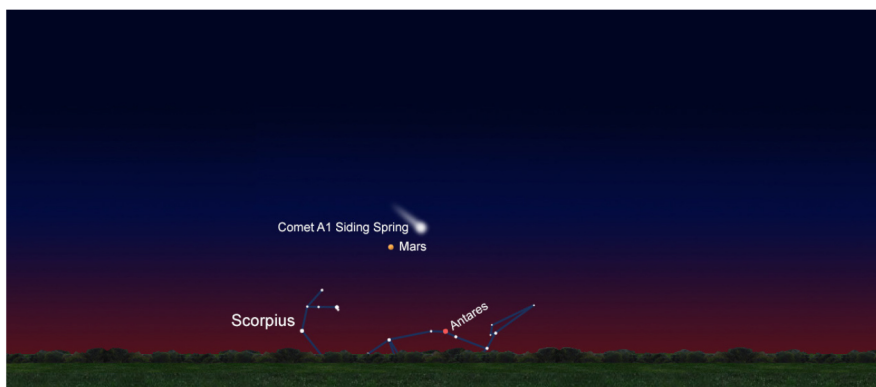
## October 19

If the comet is not visible at your location, it may be visible to our missions at Mars and we hope to get back images.



## October 31

The comet may be visible in late October and November, keep looking through your binoculars.



# October Stargazing Highlights

Oct 4, 2014    **Astronomy Day**

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Oct 7, 2014    Uranus at opposition

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Oct 8, 2014    Total lunar eclipse, visible predawn

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Oct 19, 2014    Comet Siding Spring at Mars

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Oct 21, 2014    Orionid meteor shower

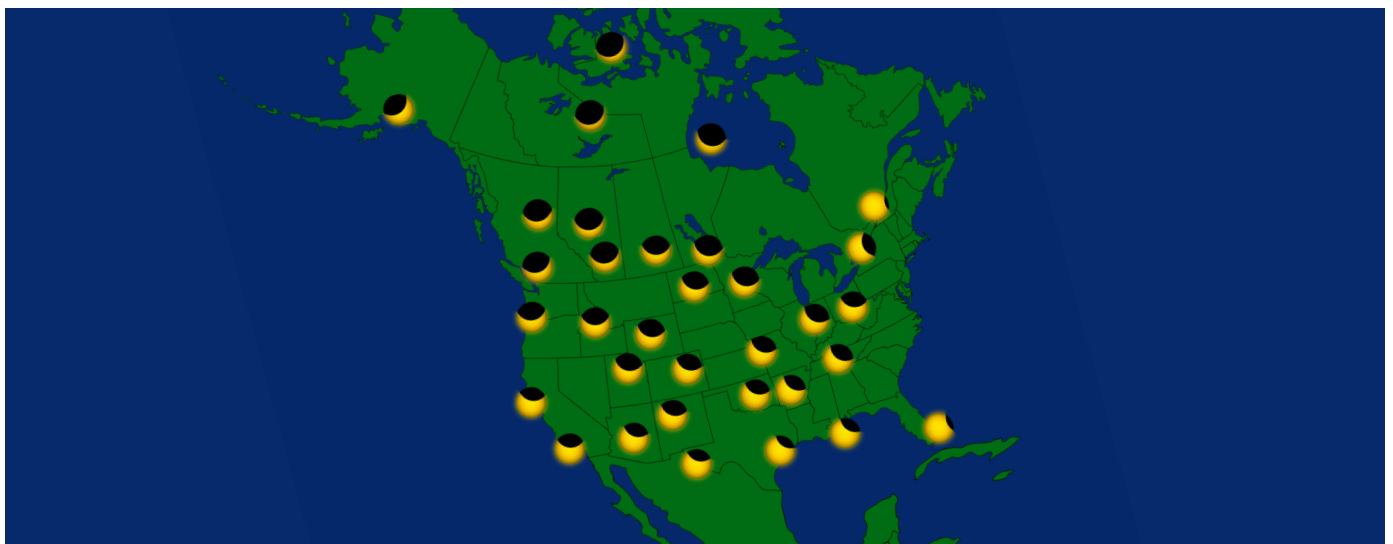
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Oct 23, 2014    Partial solar eclipse. Visible in most of the U.S. (except ME, MA and NH)

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Lunar Eclipse, October 8



Solar Eclipse, October 23

National Aeronautics and Space Administration

**Jet Propulsion Laboratory**  
California Institute of Technology  
Pasadena, California

[www.nasa.gov](http://www.nasa.gov)