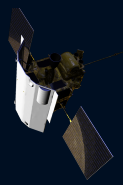
How NASA Space Assets Will Observe Comet ISON

For more information, visit: http://solarsystem.nasa.gov/ison

Deep Impact imaged ISON for the first time on January 17 and 18 from 493 million miles away



MESSENGER will be observing ISON as it passes by Mercury on November 19th on its way to the sun

SOHO will be observing ISON as it passes by the sun in late November

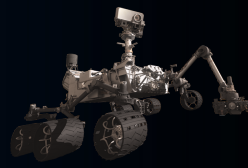
Hubble observed ISON in April-May and will see it again in October and December (if ISON survives)

STEREO will be observing ISON as it passes by on its way to sun in late November

Astronauts aboard the **International Space Station** will be able to observe Comet ISON as it passes by Earth in late November

In January and March, **Swift** observed ISON when it was 460 million miles away from the sun

Curiosity will be observing ISON as it passes by Mars . Closest approach is October 1st



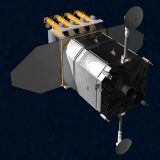
Opportunity will be observing ISON as it passes by Mars on its way to the sun on October 1st

Lunar Reconnaissance Orbiter will be observing ISON as it passes by the moon in late November

BRRISON, a sub-orbital balloon, will be launched mid September to study ISON from above nearly all of the Earth's atmosphere

Spitzer observed ISON on June 13. The comet was 310 million miles away from the sun

FORTIS, a sounding rocket, will be launched in mid-to-late November to obtain ultra-violet spectra from ISON



SDO will have the ability to observe ISON under extreme-ultraviolet light when the comet is closest to the sun

Mars Reconnaissance Orbiter will be observing ISON as it passes by Mars . Closest approach is October 1st