

Starry Night Version 6 New Features at a Glance

| New Feature | Short Description | CSAP | Enthusiast | Pro | APS | Pro Plus |
|---|---|-------------------------------|------------|-----|-----|----------|
| Category: Celestial Objects / Data | | | | | | |
| SmartFind | Finding and learning about an object is easier and more convenient now that Starry Night cross indexes and groups all the databases in which an object appears. | X | X | X | X | X |
| Over 400 Star and Deep Sky Descriptions | Over 400 object descriptions of some of the most popular deep sky objects, from double stars to lenticular galaxies. | X | X | X | X | X |
| Over 830 Satellites and Descriptions | A comprehensive satellite information database provides details on over 830 satellites including communications, environmental monitoring, global position and scientific research. | | X | X | X | X |
| Mission Info and Trajectories of 25 Space Probes | Follow the path of space probes sent to explore the mysteries of our solar system. Ride along the New Horizons probe on its mission to Pluto and much more. | | X | X | X | X |
| Over 160 Extrasolar Planets | With "homemade" scopes joining the hunt, the search for extrasolar planets could pick up dramatically. Learn the location of these new worlds. | | | X | X | X |
| Category: Realism | | | | | | |
| Ambient Sounds | Ambient environment sounds enhance the digital observing experience. | | X | X | X | X |
| 3-D models for Comets, Asteroids and Satellites | Zoom in close for 3-D views of Comet Tempel-1, asteroid Geographos, Iridium satellites and more. | | X | X | X | X |
| Over 20 3-D Models of Space Probes | From launch to final destination, get a pilot's view from interplanetary probes such as Mars Express, Deep Impact Impactor and Stardust. | | X | X | X | X |
| Earth, Moon and Mars Surface Images | Change the face of the Earth, Moon and Mars in an instant. Within the enhanced Orbit Editor, choose from images such as Earth at Night, Topographic and more. | | | X | X | X |
| Photorealistic Earth Horizon Panoramas | Enjoy the stars from vantage points such as Detroit, Firenze, Jordan Valley, Philip Island, Prairie, Snowy Grass, or Winter Observatory. | | | X | X | X |
| Mars Horizon Panorama | Incorporating the latest data from the Mars Rover Spirit, watch the sunset from Gusev Crater. | | | X | X | X |
| Over 10 Moon Horizon Panoramas | Taken by the Apollo Astronauts when they visited the Moon between 1969 and 1972, these amazing panoramas were assembled by Mike Constantine from several separate NASA photos obtained from Kipp Teague, the Apollo Lunar Surface Journal, and The Lunar and Planetary Institute. | | | X | X | X |
| Cloud Panoramas | Mimic atmospheric conditions with thunderstorms, cirrus or cumulus clouds. | | | X | X | X |
| AllSky CCD Mosaic in DDS texture format | The AllSky DDS textures load up to 20x faster making the display of the AllSky CCD mosaic glass smooth. | | | | | X |
| Category: Observation Tools | | | | | | |
| Event Finder | In an instant, this powerful search engine will find astronomical events such as Jupiter satellite shadow transits, lunar and solar eclipses and conjunctions. Find what is visible tonight or any night far into the future and never miss your chance to witness rare astronomical occurrences. | X Current Month Only | X | X | X | X |
| Daily Events Reminder | It's easy to find out "What's Up Tonight?" The Daily Events Reminder lists all celestial events visible tonight from your backyard. | X | X | X | X | X |
| Full-Sky (Planisphere View) Star Charts | Use this circular star chart that covers the entire sky from horizon to horizon to identify the constellations or locate the brighter stars and planets visible with the naked eye. | | X | X | X | X |

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| Observation Lists | An accurate, customized target list is at the core of observing success. Create a list for a particular night or for specific objects of interest. Keep track of which objects you have observed and which you still need to hunt down. Share your favourite objects list with other observers! | | | X | X | X |
| Three-View Starhopping Charts | Designed for in-the-field use, this chart is customized to the FOV and orientation of your scope, finder or binoculars. Centered on the target object, it effortlessly guides novices to challenging objects and allows experts to manage their time more efficiently. | | | X | X | X |
| Surface Feature Outlines for Moon | Lunar landing sites will no longer be a mystery. The contours of over 20 types of surface features, from craters to valleys, are highlighted for easy viewing. | | | X | X | X |
| Expanded Equipment Database | The Equipment Database has the latest commercially available gear for night sky enthusiasts. Choose from over 300 CCDs, telescopes, binoculars, cameras, eyepieces and other observing aids. | | | X | X | X |
| Satellite Tracking (Mac only) | Smoothly track ISS, Space Shuttle, artificial satellites and asteroids using Meade LX200/RCX400 telescopes. | | | X | X | X |
| Category: Multimedia | | | | | | |
| Pronunciation Guide | Learn the correct pronunciation of the constellations and over 500 objects such as stars, planets, moons and asteroids. | X | X | X | X | X |
| Library of Over 110 Starry Night Favorites | Browse a library of over 100 Starry Night files that demonstrate events such as eclipses, planetary alignments and close-up of galaxies and planets. | | X | X | X | X |
| Apple-Scriptable (Mac only) | Create your own animated guided tour of the universe with Applescript, which lets you run Starry Night files in sequence. | | X | X | X | X |
| Category: Enhancements | | | | | | |
| Printed Manual | Back by popular demand, flip through a comprehensive 210 page User's Guide. | X | X | X | X | X |
| User Interface Skins | Choose from a range of themes to customize the look and feel of the Toolbar and side panes in Starry Night. | | | X | X | X |
| Animated Horizon Panorama | Enjoy the canopy of stars overhead while a summer breeze whispers through meadow grass. Requires 64 MB OpenGL 2.0 graphics card. | | | X | X | X |
| Phenomenal Realism & Smoother and Faster Graphics Display | More accurate depiction of eclipses, sun flares and atmospheric scattering recreate actual observing experiences. Requires 64 MB OpenGL 2.0 graphics cards that support shading and DDS images. | | | X | X | X |