

## **Astronomy App Luminos Introduces High Detail Planet Models**

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California-based Wobbleworks LLC has released Luminos 9.2, a free feature update to the award-winning astronomy app for iOS devices and Apple Watch. The Luminos app now includes one hundred megapixel renderings of the Earth and the Moon, with high detail bump mapping to emphasize geographic features. The app has also been augmented with new navigation controls, support for the Astro-Physics GTOCP4 mounts, and accurate models of the totality paths for solar eclipses.

San Jose, California - Wobbleworks LLC has released the latest version of its flagship astronomy app Luminos, with a focus on detailed planet textures and improved sky imagery. The 9.2 version of Luminos is one of the first apps to support the Astro-Physics GTOCP4, allowing advanced control of these mounts and the Park 4 position. Luminos 9.2 is a free upgrade for current owners of the app for iOS and Apple Watch.

Luminos customers will see a noticeable difference when orbiting Earth or the Moon in the new version of the app, as both bodies have been upgraded to 100 megapixel textures. These new visuals reveal much more detail in the structure and surface features of the two most prominent celestial bodies. The new visuals have been created from the work of satellites and spacecraft such as NASA's Lunar Reconnaissance Orbiter.

In addition, the Luminos simulation of the Sun has been enhanced with images from the NASA STEREO and SDO missions, making the Sun more striking and realistic than in previous app versions. Similarly, the Milky Way has been re-sampled for greater background detail.

In preparation for the upcoming total solar eclipse, Wobbleworks has enhanced the eclipse maps in Luminos to depict an accurate path of the full totality. This allows Luminos users in the United States to determine whether or not their location will be fully covered by the eclipse shadow as it crosses the country on August 21. Using the interactive eclipse map, Luminos users can see the exact time that the eclipse will hit each area of the United States.

Wobbleworks has also enhanced the moon tracking in Luminos by adding a phase browser to the Moon's detail view. Users can now see the schedule for upcoming moon phases and jump directly to any phase with a single tap, advancing the Luminos internal clock to match the phase.

Other updates included in the Luminos 9.2 release include: improved navigation arrows to revisit previously selected objects; re-tuned constellation images; a more accurate Earth model to improve satellite calculations; and easier activation of sky tracking mode.

Luminos is the recent recipient of a 2015 PC Magazine Editor's Choice award. Previous versions of Luminos added the largest star catalog available on mobile, the most comprehensive built-in deep space image library, live sky charts for Apple Watch, and 3D meteor shower simulations.

### **Device Requirements:**

- \* iPhone, iPad, and iPod touch
- \* Requires iOS 9.3 or later
- \* 789 MB

### **Pricing and Availability:**

Luminos 9.2 is \$24.99 USD (or equivalent amount in other currencies) and available worldwide exclusively through the App Store in the Reference category. For more

prMac: Publish Once, Broadcast the World :: <http://prmac.com>

information, please contact Brian Albers.

Luminos 9.2:

<https://wobbleworks.com/>

Version Highlights:

<https://wobbleworks.com/luminos/9.2.html>

Purchase and Download:

<https://itunes.apple.com/app/luminos/id404664336>

YouTube Video (Highlights):

[https://www.youtube.com/watch?v=SIFhrPf\\_EqY](https://www.youtube.com/watch?v=SIFhrPf_EqY)

YouTube Channel (Quick Tips):

[https://www.youtube.com/playlist?list=PLXII2v7uv\\_QhM\\_SPvOevV9fNPpw41e8O1](https://www.youtube.com/playlist?list=PLXII2v7uv_QhM_SPvOevV9fNPpw41e8O1)

Media Assets:

<https://wobbleworks.com/luminos/mediaKit.html>

Wobbleworks LLC is the family business of John Stephen and Brian Albers. Together they have more than 50 years of hardware and software experience, from small startups to large enterprises such as Apple, Microsoft, and Oracle. Now they are focusing their passion on crafting astronomy software that will delight you. Copyright (C) 2017 Wobbleworks LLC. Apple, the Apple logo, iPhone, iPod, iPad, and Apple Watch are registered trademarks of Apple Inc. in the U.S. and/or other countries. Other trademarks and registered trademarks may be the property of their respective owners.

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